

## Flanschsystem eka complex Europ E + D

Wanddicke Innenrohr 1,0 mm

Innenrohr 1,0 mm  
Isolierdicke 50 mm



Satz- und Druckfehler sowie technische Änderungen vorbehalten.

**Santner Handels GmbH**

Kirchgasse 181

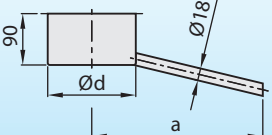
5582 St. Michael

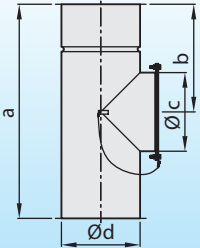
T: 06476 23 30 • F: DW - 4

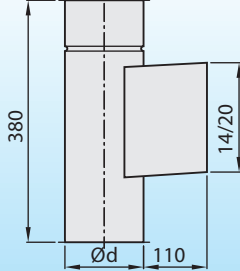
E: office@eka-edelstahlkamine.at

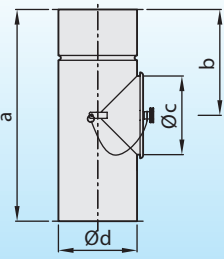
W: [www.eka-edelstahlkamine.at](http://www.eka-edelstahlkamine.at)

**santner**  
handels gmbh

| Kondensatschale mit Ablauf<br>5410-Ø-K | K                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lg* | Preis |        |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|------|-----|--|--|------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        |  | <table> <tr> <th>Ø d</th><th>a</th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>325</td><td></td><td></td><td>0,44</td><td>38,70</td></tr> <tr><td>200</td><td>350</td><td></td><td></td><td>0,65</td><td>41,90</td></tr> <tr><td>250</td><td>375</td><td></td><td></td><td>0,89</td><td>47,20</td></tr> <tr><td>300</td><td>400</td><td></td><td></td><td>1,17</td><td>90,70</td></tr> <tr><td>350</td><td>425</td><td></td><td></td><td>1,47</td><td>100,70</td></tr> <tr><td>400</td><td>450</td><td></td><td></td><td>1,81</td><td>111,30</td></tr> <tr><td>500</td><td>500</td><td></td><td></td><td>2,57</td><td>121,90</td></tr> <tr><td>600</td><td>550</td><td></td><td></td><td>3,47</td><td>132,50</td></tr> <tr><td>800</td><td>650</td><td></td><td></td><td>5,63</td><td>174,90</td></tr> <tr><td>1000</td><td>750</td><td></td><td></td><td>8,29</td><td>222,60</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | a     |        |  | kg | EUR | 150 | 325 |  |  | 0,44 | 38,70 | 200 | 350 |  |  | 0,65 | 41,90 | 250 | 375 |  |  | 0,89 | 47,20 | 300 | 400 |  |  | 1,17 | 90,70 | 350 | 425 |  |  | 1,47 | 100,70 | 400 | 450 |  |  | 1,81 | 111,30 | 500 | 500 |  |  | 2,57 | 121,90 | 600 | 550 |  |  | 3,47 | 132,50 | 800 | 650 |  |  | 5,63 | 174,90 | 1000 | 750 |  |  | 8,29 | 222,60 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> condensate collector with drain</p> <p> pot de condensation avec écoulement latéral</p> <p> coppa raccogli condensa</p> <p> Кондесатосборник с конденсатоотводом</p> |
| Ø d                                    | a                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | kg    | EUR    |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 150                                    | 325                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 0,44  | 38,70  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 200                                    | 350                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 0,65  | 41,90  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 250                                    | 375                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 0,89  | 47,20  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 300                                    | 400                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 1,17  | 90,70  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 350                                    | 425                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 1,47  | 100,70 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 400                                    | 450                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 1,81  | 111,30 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 500                                    | 500                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 2,57  | 121,90 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 600                                    | 550                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 3,47  | 132,50 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 800                                    | 650                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 5,63  | 174,90 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1000                                   | 750                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 8,29  | 222,60 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                        |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |       |        |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                        |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |       |        |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                        |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |       |        |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                        |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |       |        |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

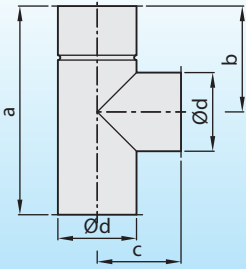
| Prüföffnung mit Flansch Öffnung 200 mm<br>5410-Ø-PLFL | PLFL                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lg* | Preis |        |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|-----|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|------|-----|-----|-----|-------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                       |  | <table> <tr> <th>Ø d</th><th>a</th><th>b</th><th>Ø c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>340</td><td>170</td><td>150</td><td>1,36</td><td>174,90</td></tr> <tr><td>200</td><td>340</td><td>170</td><td>200</td><td>1,81</td><td>199,30</td></tr> <tr><td>250</td><td>480</td><td>240</td><td>200</td><td>3,14</td><td>217,30</td></tr> <tr><td>300</td><td>480</td><td>240</td><td>200</td><td>3,77</td><td>243,80</td></tr> <tr><td>350</td><td>480</td><td>240</td><td>200</td><td>4,40</td><td>302,10</td></tr> <tr><td>400</td><td>480</td><td>240</td><td>200</td><td>5,93</td><td>344,50</td></tr> <tr><td>500</td><td>480</td><td>240</td><td>200</td><td>7,41</td><td>408,10</td></tr> <tr><td>600</td><td>480</td><td>240</td><td>200</td><td>8,89</td><td>434,60</td></tr> <tr><td>800</td><td>480</td><td>240</td><td>200</td><td>11,86</td><td>577,70</td></tr> <tr><td>1000</td><td>480</td><td>240</td><td>200</td><td>14,82</td><td>721,90</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | a     | b      | Ø c | kg | EUR | 150 | 340 | 170 | 150 | 1,36 | 174,90 | 200 | 340 | 170 | 200 | 1,81 | 199,30 | 250 | 480 | 240 | 200 | 3,14 | 217,30 | 300 | 480 | 240 | 200 | 3,77 | 243,80 | 350 | 480 | 240 | 200 | 4,40 | 302,10 | 400 | 480 | 240 | 200 | 5,93 | 344,50 | 500 | 480 | 240 | 200 | 7,41 | 408,10 | 600 | 480 | 240 | 200 | 8,89 | 434,60 | 800 | 480 | 240 | 200 | 11,86 | 577,70 | 1000 | 480 | 240 | 200 | 14,82 | 721,90 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> inspection opening with flange</p> <p> l'ouverture d'inspection avec la bride</p> <p> l'apertura di ispezione con la flangia</p> <p> осмотр, открывающийся гребнем</p> |
| Ø d                                                   | a                                                                                  | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ø c | kg    | EUR    |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 150                                                   | 340                                                                                | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 150 | 1,36  | 174,90 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 200                                                   | 340                                                                                | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 1,81  | 199,30 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 250                                                   | 480                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 3,14  | 217,30 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 300                                                   | 480                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 3,77  | 243,80 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 350                                                   | 480                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 4,40  | 302,10 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 400                                                   | 480                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 5,93  | 344,50 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 500                                                   | 480                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 7,41  | 408,10 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 600                                                   | 480                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 8,89  | 434,60 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 800                                                   | 480                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 11,86 | 577,70 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1000                                                  | 480                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 14,82 | 721,90 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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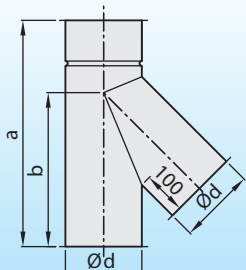
| Prüföffnung Hochtemperatur<br>5410-Ø-PH14 | PH14                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lg* | Preis |        |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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|                                           |  | <table> <tr> <th>Ø d</th><th>14/20</th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>x</td><td></td><td></td><td>1,99</td><td>90,70</td></tr> <tr><td>200</td><td>x</td><td></td><td></td><td>2,50</td><td>116,60</td></tr> <tr><td>250</td><td>x</td><td></td><td></td><td>3,00</td><td>143,10</td></tr> <tr><td>300</td><td>x</td><td></td><td></td><td>3,50</td><td>196,10</td></tr> <tr><td>350</td><td>x</td><td></td><td></td><td>4,00</td><td>227,90</td></tr> <tr><td>400</td><td>x</td><td></td><td></td><td>4,51</td><td>238,50</td></tr> <tr><td>500</td><td>x</td><td></td><td></td><td>5,51</td><td>296,80</td></tr> <tr><td>600</td><td>x</td><td></td><td></td><td>6,52</td><td>408,10</td></tr> <tr><td>800</td><td>x</td><td></td><td></td><td>8,53</td><td>540,60</td></tr> <tr><td>1000</td><td>x</td><td></td><td></td><td>10,54</td><td>667,80</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | 14/20 |        |  | kg | EUR | 150 | x |  |  | 1,99 | 90,70 | 200 | x |  |  | 2,50 | 116,60 | 250 | x |  |  | 3,00 | 143,10 | 300 | x |  |  | 3,50 | 196,10 | 350 | x |  |  | 4,00 | 227,90 | 400 | x |  |  | 4,51 | 238,50 | 500 | x |  |  | 5,51 | 296,80 | 600 | x |  |  | 6,52 | 408,10 | 800 | x |  |  | 8,53 | 540,60 | 1000 | x |  |  | 10,54 | 667,80 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> Inspection length 140/200mm for high temperature</p> <p> élément d'inspection avec cadre 140 / 200mm</p> <p> ispezione con sportello alta temperatura 140/200 mm</p> <p> Окошко визуального осмотра высокие темп. 140/200 мм</p> |
| Ø d                                       | 14/20                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | kg    | EUR    |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 150                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 1,99  | 90,70  |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 200                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 2,50  | 116,60 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 250                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 3,00  | 143,10 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 300                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 3,50  | 196,10 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 350                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 4,00  | 227,90 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 400                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 4,51  | 238,50 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 500                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 5,51  | 296,80 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 600                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 6,52  | 408,10 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 800                                       | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 8,53  | 540,60 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1000                                      | x                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | 10,54 | 667,80 |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                           |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |        |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                           |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |        |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                           |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |        |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                           |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |        |  |    |     |     |   |  |  |      |       |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |     |   |  |  |      |        |      |   |  |  |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

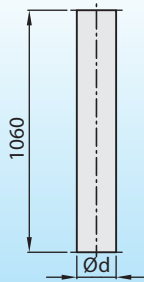
| Prüföffnung<br>5410-Ø-P | P                                                                                   | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lg* | Preis |        |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|-----|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|------|-----|-----|-----|-------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |  | <table> <tr> <th>Ø d</th><th>a</th><th>b</th><th>Ø c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>340</td><td>170</td><td>150</td><td>1,36</td><td>141,00</td></tr> <tr><td>200</td><td>340</td><td>170</td><td>200</td><td>1,81</td><td>167,50</td></tr> <tr><td>250</td><td>480</td><td>240</td><td>200</td><td>3,14</td><td>185,50</td></tr> <tr><td>300</td><td>480</td><td>240</td><td>200</td><td>3,77</td><td>217,30</td></tr> <tr><td>350</td><td>480</td><td>240</td><td>200</td><td>4,40</td><td>270,30</td></tr> <tr><td>400</td><td>480</td><td>240</td><td>200</td><td>5,93</td><td>296,80</td></tr> <tr><td>500</td><td>480</td><td>240</td><td>200</td><td>7,41</td><td>344,50</td></tr> <tr><td>600</td><td>480</td><td>240</td><td>200</td><td>8,89</td><td>397,50</td></tr> <tr><td>800</td><td>480</td><td>240</td><td>200</td><td>11,86</td><td>529,00</td></tr> <tr><td>1000</td><td>480</td><td>240</td><td>200</td><td>14,82</td><td>646,60</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | a     | b      | Ø c | kg | EUR | 150 | 340 | 170 | 150 | 1,36 | 141,00 | 200 | 340 | 170 | 200 | 1,81 | 167,50 | 250 | 480 | 240 | 200 | 3,14 | 185,50 | 300 | 480 | 240 | 200 | 3,77 | 217,30 | 350 | 480 | 240 | 200 | 4,40 | 270,30 | 400 | 480 | 240 | 200 | 5,93 | 296,80 | 500 | 480 | 240 | 200 | 7,41 | 344,50 | 600 | 480 | 240 | 200 | 8,89 | 397,50 | 800 | 480 | 240 | 200 | 11,86 | 529,00 | 1000 | 480 | 240 | 200 | 14,82 | 646,60 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> Inspection length round cap, max. 200° C, natural gas</p> <p> élément d'inspection, max. 200° C, gas naturel</p> <p> elemento di ispezione max. 200°C per gas</p> <p> Окошко для осмотра, газовое топливо макс. 200°C</p> |
| Ø d                     | a                                                                                   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ø c | kg    | EUR    |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 150                     | 340                                                                                 | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 150 | 1,36  | 141,00 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 200                     | 340                                                                                 | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 1,81  | 167,50 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 250                     | 480                                                                                 | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 3,14  | 185,50 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 300                     | 480                                                                                 | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 3,77  | 217,30 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 350                     | 480                                                                                 | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 4,40  | 270,30 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 400                     | 480                                                                                 | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 5,93  | 296,80 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 500                     | 480                                                                                 | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 7,41  | 344,50 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 600                     | 480                                                                                 | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 8,89  | 397,50 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 800                     | 480                                                                                 | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 11,86 | 529,00 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1000                    | 480                                                                                 | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200 | 14,82 | 646,60 |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                         |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |       |        |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                         |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |       |        |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                         |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |       |        |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                         |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |       |        |     |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

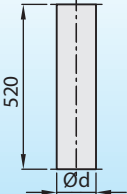
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

**Einwandiges Flanschsystem**  
**eka complex Europ E (einwandig)**  
Wanddicke Innenrohr 1,0 mm

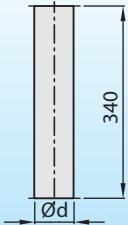
| Feuerungsanschluss 90°<br>5410-Ø-F90 | F90                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lg* | Preis |               |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------------|---|----|-----|-----|-----|-----|-----|------|--------------|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|------|---------------|-----|-----|-----|-----|-------|---------------|-----|-----|-----|-----|-------|---------------|-----|-----|-----|-----|-------|---------------|------|------|-----|-----|-------|---------------|--|--|---------------------------------------------------------------------------------------------------------------------|
|                                      |  | <table> <tr> <th>Ø d</th><th>a</th><th>b</th><th>c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>340</td><td>170</td><td>175</td><td>2,11</td><td><b>83,80</b></td></tr> <tr><td>200</td><td>340</td><td>170</td><td>200</td><td>2,81</td><td><b>111,30</b></td></tr> <tr><td>250</td><td>430</td><td>215</td><td>225</td><td>3,52</td><td><b>121,90</b></td></tr> <tr><td>300</td><td>480</td><td>240</td><td>250</td><td>4,60</td><td><b>132,50</b></td></tr> <tr><td>350</td><td>530</td><td>265</td><td>275</td><td>5,80</td><td><b>143,10</b></td></tr> <tr><td>400</td><td>580</td><td>290</td><td>300</td><td>7,13</td><td><b>190,80</b></td></tr> <tr><td>500</td><td>880</td><td>440</td><td>350</td><td>12,69</td><td><b>270,30</b></td></tr> <tr><td>600</td><td>980</td><td>490</td><td>400</td><td>16,73</td><td><b>355,10</b></td></tr> <tr><td>800</td><td>980</td><td>490</td><td>500</td><td>22,31</td><td><b>471,70</b></td></tr> <tr><td>1000</td><td>1080</td><td>540</td><td>600</td><td>27,88</td><td><b>588,30</b></td></tr> </table> | Ø d | a     | b             | c | kg | EUR | 150 | 340 | 170 | 175 | 2,11 | <b>83,80</b> | 200 | 340 | 170 | 200 | 2,81 | <b>111,30</b> | 250 | 430 | 215 | 225 | 3,52 | <b>121,90</b> | 300 | 480 | 240 | 250 | 4,60 | <b>132,50</b> | 350 | 530 | 265 | 275 | 5,80 | <b>143,10</b> | 400 | 580 | 290 | 300 | 7,13 | <b>190,80</b> | 500 | 880 | 440 | 350 | 12,69 | <b>270,30</b> | 600 | 980 | 490 | 400 | 16,73 | <b>355,10</b> | 800 | 980 | 490 | 500 | 22,31 | <b>471,70</b> | 1000 | 1080 | 540 | 600 | 27,88 | <b>588,30</b> |  |  | <p>🇬🇧 T90°</p> <p>🇫🇷 T90° raccordement de chaudière</p> <p>🇮🇹 elemento a T90°</p> <p>🇷🇺 Патрубок к газоходу 90°</p> |
| Ø d                                  | a                                                                                 | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | c   | kg    | EUR           |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 150                                  | 340                                                                               | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 175 | 2,11  | <b>83,80</b>  |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 200                                  | 340                                                                               | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200 | 2,81  | <b>111,30</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 250                                  | 430                                                                               | 215                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 225 | 3,52  | <b>121,90</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 300                                  | 480                                                                               | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250 | 4,60  | <b>132,50</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 350                                  | 530                                                                               | 265                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 275 | 5,80  | <b>143,10</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 400                                  | 580                                                                               | 290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 300 | 7,13  | <b>190,80</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 500                                  | 880                                                                               | 440                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 350 | 12,69 | <b>270,30</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 600                                  | 980                                                                               | 490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 400 | 16,73 | <b>355,10</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 800                                  | 980                                                                               | 490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 500 | 22,31 | <b>471,70</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |
| 1000                                 | 1080                                                                              | 540                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 600 | 27,88 | <b>588,30</b> |   |    |     |     |     |     |     |      |              |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |      |               |     |     |     |     |       |               |     |     |     |     |       |               |     |     |     |     |       |               |      |      |     |     |       |               |  |  |                                                                                                                     |

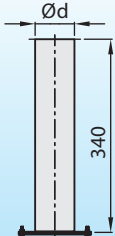
| Feuerungsanschluss 45°<br>5410-Ø-F45                                               |      | F45  | Technische Daten |  |       |         | Lg*                                                                                                                | Preis |  |
|------------------------------------------------------------------------------------|------|------|------------------|--|-------|---------|--------------------------------------------------------------------------------------------------------------------|-------|--|
|  | Ø d  | a    | b                |  | kg    | EUR     |  T45°                           |       |  |
|                                                                                    | 150  | 430  | 290              |  | 2,24  | 190,80  |                                                                                                                    |       |  |
|                                                                                    | 200  | 480  | 340              |  | 3,24  | 206,70  |  T45° raccordement de chaudière |       |  |
|                                                                                    | 250  | 530  | 390              |  | 4,36  | 243,80  |  elemento a T45°                |       |  |
|                                                                                    | 300  | 630  | 470              |  | 5,99  | 302,10  |                                                                                                                    |       |  |
|                                                                                    | 350  | 680  | 520              |  | 7,43  | 344,50  |                                                                                                                    |       |  |
|                                                                                    | 400  | 780  | 570              |  | 9,55  | 418,70  |  Патрубок к газоходу 45°        |       |  |
|                                                                                    | 500  | 980  | 740              |  | 14,44 | 583,00  |                                                                                                                    |       |  |
|                                                                                    | 600  | 1160 | 940              |  | 17,33 | 667,80  |                                                                                                                    |       |  |
|                                                                                    | 800  | 1310 | 1060             |  | 23,11 | 890,40  |                                                                                                                    |       |  |
|                                                                                    | 1000 | 1600 | 1300             |  | 28,89 | 1007,00 |                                                                                                                    |       |  |
|                                                                                    |      |      |                  |  |       |         |                                                                                                                    |       |  |
|                                                                                    |      |      |                  |  |       |         |                                                                                                                    |       |  |
|                                                                                    |      |      |                  |  |       |         |                                                                                                                    |       |  |
|                                                                                    |      |      |                  |  |       |         |                                                                                                                    |       |  |

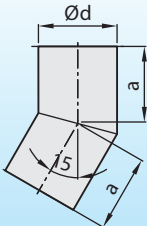
| Längenelement 1060 mm<br>5410-Ø-L10                                                 |      | L10 | Technische Daten |  |  |       | Lg*    | Preis                                                                                                          |  |
|-------------------------------------------------------------------------------------|------|-----|------------------|--|--|-------|--------|----------------------------------------------------------------------------------------------------------------|--|
|  | Ø d  |     |                  |  |  | kg    | EUR    |  length 1060 mm           |  |
|                                                                                     | 150  |     |                  |  |  | 4,07  | 81,70  |                                                                                                                |  |
|                                                                                     | 200  |     |                  |  |  | 5,43  | 105,00 |  élément de droit 1060 mm |  |
|                                                                                     | 250  |     |                  |  |  | 6,78  | 125,10 |                                                                                                                |  |
|                                                                                     | 300  |     |                  |  |  | 8,14  | 148,40 |  modulo lineare L=1060 mm |  |
|                                                                                     | 350  |     |                  |  |  | 9,50  | 164,30 |                                                                                                                |  |
|                                                                                     | 400  |     |                  |  |  | 10,85 | 196,10 |                                                                                                                |  |
|                                                                                     | 500  |     |                  |  |  | 13,56 | 243,80 |  Труба 1060 мм            |  |
|                                                                                     | 600  |     |                  |  |  | 16,28 | 291,50 |                                                                                                                |  |
|                                                                                     | 800  |     |                  |  |  | 21,70 | 381,60 |                                                                                                                |  |
|                                                                                     | 1000 |     |                  |  |  | 27,13 | 477,00 |                                                                                                                |  |
|                                                                                     |      |     |                  |  |  |       |        |                                                                                                                |  |
|                                                                                     |      |     |                  |  |  |       |        |                                                                                                                |  |
|                                                                                     |      |     |                  |  |  |       |        |                                                                                                                |  |
|                                                                                     |      |     |                  |  |  |       |        |                                                                                                                |  |

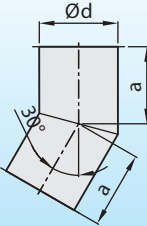
| Längenelement 520 mm<br>5410-Ø-L5                                                   |      | L5 | Technische Daten |  |  |       | Lg*           | Preis                                                                                                         |  |
|-------------------------------------------------------------------------------------|------|----|------------------|--|--|-------|---------------|---------------------------------------------------------------------------------------------------------------|--|
|  | Ø d  |    |                  |  |  | kg    | EUR           |  length 520 mm           |  |
|                                                                                     | 150  |    |                  |  |  | 2,03  | <b>49,90</b>  |                                                                                                               |  |
|                                                                                     | 200  |    |                  |  |  | 2,71  | <b>62,60</b>  |  élément de droit 520 mm |  |
|                                                                                     | 250  |    |                  |  |  | 3,39  | <b>73,20</b>  |                                                                                                               |  |
|                                                                                     | 300  |    |                  |  |  | 4,07  | <b>85,90</b>  |  modulo lineare L=520 mm |  |
|                                                                                     | 350  |    |                  |  |  | 4,75  | <b>97,60</b>  |                                                                                                               |  |
|                                                                                     | 400  |    |                  |  |  | 5,43  | <b>115,60</b> |                                                                                                               |  |
|                                                                                     | 500  |    |                  |  |  | 6,78  | <b>147,40</b> |  Труба 520 мм            |  |
|                                                                                     | 600  |    |                  |  |  | 8,14  | <b>163,30</b> |                                                                                                               |  |
|                                                                                     | 800  |    |                  |  |  | 10,85 | <b>222,60</b> |                                                                                                               |  |
|                                                                                     | 1000 |    |                  |  |  | 13,56 | <b>277,80</b> |                                                                                                               |  |
|                                                                                     |      |    |                  |  |  |       |               |                                                                                                               |  |
|                                                                                     |      |    |                  |  |  |       |               |                                                                                                               |  |
|                                                                                     |      |    |                  |  |  |       |               |                                                                                                               |  |
|                                                                                     |      |    |                  |  |  |       |               |                                                                                                               |  |

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

| Längenelement 340 mm<br>5410-Ø-L3 | L3                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lg* | Preis |        |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|--|--|--|------|-------|-----|--|--|--|------|-------|-----|--|--|--|------|-------|-----|--|--|--|------|-------|-----|--|--|--|------|-------|-----|--|--|--|------|-------|-----|--|--|--|------|--------|-----|--|--|--|------|--------|-----|--|--|--|------|--------|------|--|--|--|------|--------|--|--|-------------------------------------------------------------------------------------------------------------|
|                                   |  | <table> <tr><th>Ø d</th><th></th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td></td><td></td><td></td><td>1,36</td><td>39,30</td></tr> <tr><td>200</td><td></td><td></td><td></td><td>1,81</td><td>49,90</td></tr> <tr><td>250</td><td></td><td></td><td></td><td>2,26</td><td>58,30</td></tr> <tr><td>300</td><td></td><td></td><td></td><td>2,71</td><td>67,90</td></tr> <tr><td>350</td><td></td><td></td><td></td><td>3,17</td><td>77,40</td></tr> <tr><td>400</td><td></td><td></td><td></td><td>3,62</td><td>92,30</td></tr> <tr><td>500</td><td></td><td></td><td></td><td>4,52</td><td>117,70</td></tr> <tr><td>600</td><td></td><td></td><td></td><td>5,43</td><td>130,40</td></tr> <tr><td>800</td><td></td><td></td><td></td><td>7,23</td><td>178,10</td></tr> <tr><td>1000</td><td></td><td></td><td></td><td>9,04</td><td>217,30</td></tr> </table> | Ø d |       |        |  | kg | EUR | 150 |  |  |  | 1,36 | 39,30 | 200 |  |  |  | 1,81 | 49,90 | 250 |  |  |  | 2,26 | 58,30 | 300 |  |  |  | 2,71 | 67,90 | 350 |  |  |  | 3,17 | 77,40 | 400 |  |  |  | 3,62 | 92,30 | 500 |  |  |  | 4,52 | 117,70 | 600 |  |  |  | 5,43 | 130,40 | 800 |  |  |  | 7,23 | 178,10 | 1000 |  |  |  | 9,04 | 217,30 |  |  | <p> length 340 mm</p> <p> élément de droit 340 mm</p> <p> modulo lineare L= 340 mm</p> <p> Труба 340 мм</p> |
| Ø d                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | kg    | EUR    |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 150                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 1,36  | 39,30  |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 200                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 1,81  | 49,90  |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 250                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 2,26  | 58,30  |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 300                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 2,71  | 67,90  |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 350                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 3,17  | 77,40  |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 400                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 3,62  | 92,30  |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 500                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 4,52  | 117,70 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 600                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 5,43  | 130,40 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 800                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 7,23  | 178,10 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |
| 1000                              |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 9,04  | 217,30 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                             |

| Längenelement 340 mm mit Enddeckel<br>5410-Ø-L3LFL | L3LFL                                                                              | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lg* | Preis |        |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
|----------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|--|--|--|------|-------|-----|--|--|--|------|-------|-----|--|--|--|------|--------|-----|--|--|--|------|--------|-----|--|--|--|------|--------|-----|--|--|--|------|--------|-----|--|--|--|------|--------|-----|--|--|--|------|--------|-----|--|--|--|------|--------|------|--|--|--|------|--------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    |  | <table> <tr><th>Ø d</th><th></th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td></td><td></td><td></td><td>1,36</td><td>92,30</td></tr> <tr><td>200</td><td></td><td></td><td></td><td>1,81</td><td>97,00</td></tr> <tr><td>250</td><td></td><td></td><td></td><td>2,26</td><td>100,70</td></tr> <tr><td>300</td><td></td><td></td><td></td><td>2,71</td><td>119,80</td></tr> <tr><td>350</td><td></td><td></td><td></td><td>3,17</td><td>121,90</td></tr> <tr><td>400</td><td></td><td></td><td></td><td>3,62</td><td>134,70</td></tr> <tr><td>500</td><td></td><td></td><td></td><td>4,52</td><td>174,90</td></tr> <tr><td>600</td><td></td><td></td><td></td><td>5,43</td><td>185,50</td></tr> <tr><td>800</td><td></td><td></td><td></td><td>7,23</td><td>221,60</td></tr> <tr><td>1000</td><td></td><td></td><td></td><td>9,04</td><td>270,30</td></tr> </table> | Ø d |       |        |  | kg | EUR | 150 |  |  |  | 1,36 | 92,30 | 200 |  |  |  | 1,81 | 97,00 | 250 |  |  |  | 2,26 | 100,70 | 300 |  |  |  | 2,71 | 119,80 | 350 |  |  |  | 3,17 | 121,90 | 400 |  |  |  | 3,62 | 134,70 | 500 |  |  |  | 4,52 | 174,90 | 600 |  |  |  | 5,43 | 185,50 | 800 |  |  |  | 7,23 | 221,60 | 1000 |  |  |  | 9,04 | 270,30 |  |  | <p> length 340 mm with cap</p> <p> la longueur 340 mm avec le bouchon</p> <p> la lunghezza 340 millimetro col cappuccio</p> <p> труба 340 мм с кепкой</p> |
| Ø d                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | kg    | EUR    |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 150                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 1,36  | 92,30  |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 200                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 1,81  | 97,00  |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 250                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 2,26  | 100,70 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 300                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 2,71  | 119,80 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 350                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 3,17  | 121,90 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 400                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 3,62  | 134,70 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 500                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 4,52  | 174,90 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 600                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 5,43  | 185,50 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 800                                                |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 7,23  | 221,60 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |
| 1000                                               |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 9,04  | 270,30 |  |    |     |     |  |  |  |      |       |     |  |  |  |      |       |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |     |  |  |  |      |        |      |  |  |  |      |        |  |  |                                                                                                                                                           |

| Bogen 15°<br>5410-Ø-B15 | B15                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lg* | Preis |        |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
|-------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|------|-----|--|--|------|--------|--|--|--------------------------------------------------------------------------|
|                         |  | <table> <tr><th>Ø d</th><th>a</th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>114</td><td></td><td></td><td>0,77</td><td>45,60</td></tr> <tr><td>200</td><td>124</td><td></td><td></td><td>1,07</td><td>52,00</td></tr> <tr><td>250</td><td>134</td><td></td><td></td><td>1,37</td><td>61,50</td></tr> <tr><td>300</td><td>145</td><td></td><td></td><td>1,69</td><td>79,50</td></tr> <tr><td>350</td><td>155</td><td></td><td></td><td>2,04</td><td>97,60</td></tr> <tr><td>400</td><td>165</td><td></td><td></td><td>2,39</td><td>111,30</td></tr> <tr><td>500</td><td>186</td><td></td><td></td><td>3,14</td><td>134,70</td></tr> <tr><td>600</td><td>207</td><td></td><td></td><td>3,98</td><td>179,20</td></tr> <tr><td>800</td><td>250</td><td></td><td></td><td>5,31</td><td>238,50</td></tr> <tr><td>1000</td><td>290</td><td></td><td></td><td>6,63</td><td>302,10</td></tr> </table> | Ø d | a     |        |  | kg | EUR | 150 | 114 |  |  | 0,77 | 45,60 | 200 | 124 |  |  | 1,07 | 52,00 | 250 | 134 |  |  | 1,37 | 61,50 | 300 | 145 |  |  | 1,69 | 79,50 | 350 | 155 |  |  | 2,04 | 97,60 | 400 | 165 |  |  | 2,39 | 111,30 | 500 | 186 |  |  | 3,14 | 134,70 | 600 | 207 |  |  | 3,98 | 179,20 | 800 | 250 |  |  | 5,31 | 238,50 | 1000 | 290 |  |  | 6,63 | 302,10 |  |  | <p> elbow 15°</p> <p> coude 15°</p> <p> gomito 15°</p> <p> Отвод 15°</p> |
| Ø d                     | a                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | kg    | EUR    |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 150                     | 114                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 0,77  | 45,60  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 200                     | 124                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 1,07  | 52,00  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 250                     | 134                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 1,37  | 61,50  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 300                     | 145                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 1,69  | 79,50  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 350                     | 155                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 2,04  | 97,60  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 400                     | 165                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 2,39  | 111,30 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 500                     | 186                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 3,14  | 134,70 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 600                     | 207                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 3,98  | 179,20 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 800                     | 250                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 5,31  | 238,50 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 1000                    | 290                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 6,63  | 302,10 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |

| Bogen 30°<br>5410-Ø-B30 | B30                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lg* | Preis |        |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
|-------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|-------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|-----|-----|--|--|------|--------|------|-----|--|--|------|--------|--|--|--------------------------------------------------------------------------|
|                         |  | <table> <tr><th>Ø d</th><th>a</th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>114</td><td></td><td></td><td>0,85</td><td>45,60</td></tr> <tr><td>200</td><td>124</td><td></td><td></td><td>1,20</td><td>52,00</td></tr> <tr><td>250</td><td>134</td><td></td><td></td><td>1,58</td><td>61,50</td></tr> <tr><td>300</td><td>145</td><td></td><td></td><td>2,00</td><td>79,50</td></tr> <tr><td>350</td><td>155</td><td></td><td></td><td>2,44</td><td>97,60</td></tr> <tr><td>400</td><td>165</td><td></td><td></td><td>2,93</td><td>111,30</td></tr> <tr><td>500</td><td>186</td><td></td><td></td><td>4,02</td><td>134,70</td></tr> <tr><td>600</td><td>207</td><td></td><td></td><td>5,21</td><td>179,20</td></tr> <tr><td>800</td><td>250</td><td></td><td></td><td>6,95</td><td>238,50</td></tr> <tr><td>1000</td><td>290</td><td></td><td></td><td>8,69</td><td>302,10</td></tr> </table> | Ø d | a     |        |  | kg | EUR | 150 | 114 |  |  | 0,85 | 45,60 | 200 | 124 |  |  | 1,20 | 52,00 | 250 | 134 |  |  | 1,58 | 61,50 | 300 | 145 |  |  | 2,00 | 79,50 | 350 | 155 |  |  | 2,44 | 97,60 | 400 | 165 |  |  | 2,93 | 111,30 | 500 | 186 |  |  | 4,02 | 134,70 | 600 | 207 |  |  | 5,21 | 179,20 | 800 | 250 |  |  | 6,95 | 238,50 | 1000 | 290 |  |  | 8,69 | 302,10 |  |  | <p> elbow 30°</p> <p> coude 30°</p> <p> gomito 30°</p> <p> Отвод 30°</p> |
| Ø d                     | a                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | kg    | EUR    |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 150                     | 114                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 0,85  | 45,60  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 200                     | 124                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 1,20  | 52,00  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 250                     | 134                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 1,58  | 61,50  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 300                     | 145                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 2,00  | 79,50  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 350                     | 155                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 2,44  | 97,60  |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 400                     | 165                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 2,93  | 111,30 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 500                     | 186                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 4,02  | 134,70 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 600                     | 207                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 5,21  | 179,20 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 800                     | 250                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 6,95  | 238,50 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |
| 1000                    | 290                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     | 8,69  | 302,10 |  |    |     |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |       |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |     |     |  |  |      |        |      |     |  |  |      |        |  |  |                                                                          |

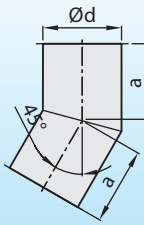
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

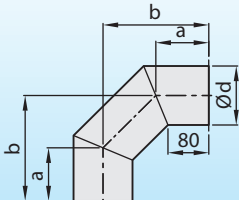


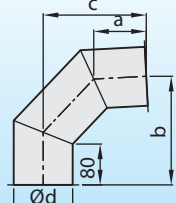
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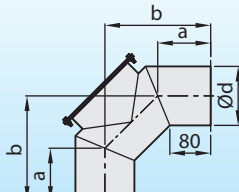
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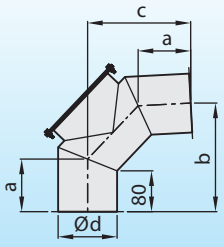
| Bogen 45°<br>5410-Ø-B45                                                           |      | B45 |  | Technische Daten |       | Lg*    Preis |                                                                                     |            |  |
|-----------------------------------------------------------------------------------|------|-----|--|------------------|-------|--------------|-------------------------------------------------------------------------------------|------------|--|
|  | Ø d  | a   |  |                  | kg    | EUR          |  | elbow 45°  |  |
|                                                                                   | 150  | 114 |  |                  | 0,93  | 45,60        |                                                                                     |            |  |
|                                                                                   | 200  | 124 |  |                  | 1,35  | 52,00        |  | coude 45°  |  |
|                                                                                   | 250  | 134 |  |                  | 1,81  | 61,50        |  | gomito 45° |  |
|                                                                                   | 300  | 145 |  |                  | 2,34  | 79,50        |  | Отвод 45°  |  |
|                                                                                   | 350  | 155 |  |                  | 2,90  | 97,60        |                                                                                     |            |  |
|                                                                                   | 400  | 165 |  |                  | 3,52  | 111,30       |                                                                                     |            |  |
|                                                                                   | 500  | 186 |  |                  | 4,92  | 134,70       |                                                                                     |            |  |
|                                                                                   | 600  | 207 |  |                  | 6,54  | 179,20       |                                                                                     |            |  |
|                                                                                   | 800  | 250 |  |                  | 8,72  | 238,50       |                                                                                     |            |  |
|                                                                                   | 1000 | 290 |  |                  | 10,90 | 302,10       |                                                                                     |            |  |
|                                                                                   |      |     |  |                  |       |              |                                                                                     |            |  |

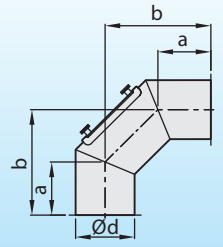
| Bogen 90°<br>5410-Ø-B90                                                            |      | B90 | Technische Daten |  |       |        | Lg*                                                                                            | Preis |  |
|------------------------------------------------------------------------------------|------|-----|------------------|--|-------|--------|------------------------------------------------------------------------------------------------|-------|--|
|  | Ø d  | a   | b                |  | kg    | EUR    |  elbow 90°  |       |  |
|                                                                                    | 150  | 115 | 215              |  | 1,14  | 76,40  |                                                                                                |       |  |
|                                                                                    | 200  | 125 | 220              |  | 2,02  | 94,40  |  coude 90°  |       |  |
|                                                                                    | 250  | 135 | 245              |  | 2,71  | 121,90 |                                                                                                |       |  |
|                                                                                    | 300  | 150 | 270              |  | 3,50  | 137,80 |  gomito 90° |       |  |
|                                                                                    | 350  | 160 | 300              |  | 4,35  | 143,10 |                                                                                                |       |  |
|                                                                                    | 400  | 170 | 320              |  | 5,31  | 152,70 |  Отвод 90°  |       |  |
|                                                                                    | 500  | 190 | 370              |  | 7,39  | 214,20 |                                                                                                |       |  |
|                                                                                    | 600  | 210 | 420              |  | 9,81  | 256,60 |                                                                                                |       |  |
|                                                                                    | 800  | 250 | 520              |  | 13,08 | 342,40 |                                                                                                |       |  |
|                                                                                    | 1000 | 290 | 620              |  | 16,35 | 428,30 |                                                                                                |       |  |
|                                                                                    |      |     |                  |  |       |        |                                                                                                |       |  |
|                                                                                    |      |     |                  |  |       |        |                                                                                                |       |  |
|                                                                                    |      |     |                  |  |       |        |                                                                                                |       |  |
|                                                                                    |      |     |                  |  |       |        |                                                                                                |       |  |

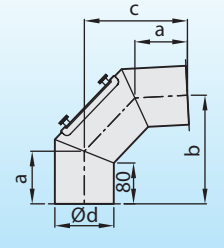
| Bogen 93°<br>5410-Ø-B93 | B93                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lg* | Preis |        |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|---|----|-----|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|------|-----|-----|-----|-------|--------|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |  | <table> <tr><th>Ø d</th><th>a</th><th>b</th><th>c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>115</td><td>220</td><td>210</td><td>1,14</td><td>76,40</td></tr> <tr><td>200</td><td>125</td><td>225</td><td>215</td><td>2,02</td><td>94,40</td></tr> <tr><td>250</td><td>135</td><td>250</td><td>240</td><td>2,71</td><td>121,90</td></tr> <tr><td>300</td><td>145</td><td>275</td><td>260</td><td>3,50</td><td>137,80</td></tr> <tr><td>350</td><td>155</td><td>300</td><td>285</td><td>4,35</td><td>143,10</td></tr> <tr><td>400</td><td>165</td><td>325</td><td>310</td><td>5,31</td><td>152,70</td></tr> <tr><td>500</td><td>185</td><td>375</td><td>355</td><td>7,39</td><td>214,20</td></tr> <tr><td>600</td><td>205</td><td>425</td><td>405</td><td>9,81</td><td>256,60</td></tr> <tr><td>800</td><td>245</td><td>525</td><td>500</td><td>13,08</td><td>342,40</td></tr> <tr><td>1000</td><td>285</td><td>625</td><td>590</td><td>16,35</td><td>428,30</td></tr> </table> | Ø d | a     | b      | c | kg | EUR | 150 | 115 | 220 | 210 | 1,14 | 76,40 | 200 | 125 | 225 | 215 | 2,02 | 94,40 | 250 | 135 | 250 | 240 | 2,71 | 121,90 | 300 | 145 | 275 | 260 | 3,50 | 137,80 | 350 | 155 | 300 | 285 | 4,35 | 143,10 | 400 | 165 | 325 | 310 | 5,31 | 152,70 | 500 | 185 | 375 | 355 | 7,39 | 214,20 | 600 | 205 | 425 | 405 | 9,81 | 256,60 | 800 | 245 | 525 | 500 | 13,08 | 342,40 | 1000 | 285 | 625 | 590 | 16,35 | 428,30 |  |  | <p> elbow 93°</p> <p> coude 93°</p> <p> gomito 93°</p> <p> Отвод 93°</p> |
| Ø d                     | a                                                                                   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | c   | kg    | EUR    |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 150                     | 115                                                                                 | 220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 210 | 1,14  | 76,40  |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 200                     | 125                                                                                 | 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 215 | 2,02  | 94,40  |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 250                     | 135                                                                                 | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 240 | 2,71  | 121,90 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 300                     | 145                                                                                 | 275                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 260 | 3,50  | 137,80 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 350                     | 155                                                                                 | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 285 | 4,35  | 143,10 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 400                     | 165                                                                                 | 325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 310 | 5,31  | 152,70 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 500                     | 185                                                                                 | 375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 355 | 7,39  | 214,20 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 600                     | 205                                                                                 | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 405 | 9,81  | 256,60 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 800                     | 245                                                                                 | 525                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 500 | 13,08 | 342,40 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1000                    | 285                                                                                 | 625                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 590 | 16,35 | 428,30 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |

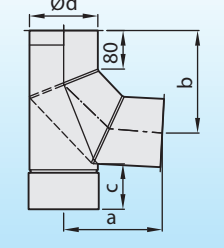
| Bogen 90° mit Prüföffnung geflanscht<br>5410-Ø-BP90FL                               |      | BP90FL | Technische Daten |  |       |        | Lg*                                                                                   | Preis                                                    |  |
|-------------------------------------------------------------------------------------|------|--------|------------------|--|-------|--------|---------------------------------------------------------------------------------------|----------------------------------------------------------|--|
|  | Ø d  | a      | b                |  | kg    | EUR    |  | elbow 90° with inspection opening with flange            |  |
|                                                                                     | 150  | 115    | 215              |  | 1,40  | 164,30 |                                                                                       |                                                          |  |
|                                                                                     | 200  | 125    | 220              |  | 2,02  | 180,20 |                                                                                       |                                                          |  |
|                                                                                     | 250  | 135    | 245              |  | 2,71  | 232,20 |                                                                                       |                                                          |  |
|                                                                                     | 300  | 150    | 270              |  | 3,50  | 261,90 |                                                                                       |                                                          |  |
|                                                                                     | 350  | 160    | 300              |  | 4,35  | 271,40 |                                                                                       |                                                          |  |
|                                                                                     | 400  | 170    | 320              |  | 5,31  | 289,40 |  | le coude 90° avec l'ouverture d'inspection avec la bride |  |
|                                                                                     | 500  | 190    | 370              |  | 7,39  | 406,00 |                                                                                       |                                                          |  |
|                                                                                     | 600  | 210    | 420              |  | 9,81  | 486,60 |                                                                                       |                                                          |  |
|                                                                                     | 800  | 250    | 520              |  | 13,08 | 649,80 |  | il gomito 90° con l'apertura di ispezione con la flangia |  |
|                                                                                     | 1000 | 290    | 620              |  | 16,35 | 770,70 |                                                                                       |                                                          |  |
|                                                                                     |      |        |                  |  |       |        |                                                                                       |                                                          |  |
|                                                                                     |      |        |                  |  |       |        |                                                                                       |                                                          |  |
|                                                                                     |      |        |                  |  |       |        |                                                                                       |                                                          |  |
|                                                                                     |      |        |                  |  |       |        |                                                                                       |                                                          |  |
|                                                                                     |      |        |                  |  |       |        |                                                                                       |                                                          |  |
|                                                                                     |      |        |                  |  |       |        |  | отвод 90 ° с осмотром, открывающимся гребнем             |  |

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

| Bogen 93° mit Prüföffnung geflanscht<br>5410-Ø-BP93LFL | BP93LFL                                                                           | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lg* | Preis |        |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
|--------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|------|-----|-----|-----|-------|--------|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                        |  | <table> <tr><th>Ø d</th><th>a</th><th>b</th><th>c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>115</td><td>220</td><td>210</td><td>1,40</td><td>164,30</td></tr> <tr><td>200</td><td>125</td><td>225</td><td>215</td><td>2,02</td><td>180,20</td></tr> <tr><td>250</td><td>135</td><td>250</td><td>240</td><td>2,71</td><td>232,20</td></tr> <tr><td>300</td><td>145</td><td>275</td><td>260</td><td>3,50</td><td>261,90</td></tr> <tr><td>350</td><td>155</td><td>300</td><td>285</td><td>4,35</td><td>271,40</td></tr> <tr><td>400</td><td>165</td><td>325</td><td>310</td><td>5,31</td><td>289,40</td></tr> <tr><td>500</td><td>185</td><td>375</td><td>355</td><td>7,39</td><td>406,00</td></tr> <tr><td>600</td><td>205</td><td>425</td><td>405</td><td>9,81</td><td>486,60</td></tr> <tr><td>800</td><td>245</td><td>525</td><td>500</td><td>13,08</td><td>649,80</td></tr> <tr><td>1000</td><td>285</td><td>625</td><td>590</td><td>16,35</td><td>770,70</td></tr> </table> | Ø d | a     | b      | c | kg | EUR | 150 | 115 | 220 | 210 | 1,40 | 164,30 | 200 | 125 | 225 | 215 | 2,02 | 180,20 | 250 | 135 | 250 | 240 | 2,71 | 232,20 | 300 | 145 | 275 | 260 | 3,50 | 261,90 | 350 | 155 | 300 | 285 | 4,35 | 271,40 | 400 | 165 | 325 | 310 | 5,31 | 289,40 | 500 | 185 | 375 | 355 | 7,39 | 406,00 | 600 | 205 | 425 | 405 | 9,81 | 486,60 | 800 | 245 | 525 | 500 | 13,08 | 649,80 | 1000 | 285 | 625 | 590 | 16,35 | 770,70 |  |  | <p> elbow 93° with inspection opening with flange</p> <p> le coude 93° avec l'ouverture d'inspection avec la bride</p> <p> il gomito 93° con l'apertura di ispezione con la flangia</p> <p> отвод 93° с осмотров, открывающимся гребнем</p> |
| Ø d                                                    | a                                                                                 | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | c   | kg    | EUR    |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 150                                                    | 115                                                                               | 220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 210 | 1,40  | 164,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 200                                                    | 125                                                                               | 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 215 | 2,02  | 180,20 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 250                                                    | 135                                                                               | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 240 | 2,71  | 232,20 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 300                                                    | 145                                                                               | 275                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 260 | 3,50  | 261,90 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 350                                                    | 155                                                                               | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 285 | 4,35  | 271,40 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 400                                                    | 165                                                                               | 325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 310 | 5,31  | 289,40 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 500                                                    | 185                                                                               | 375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 355 | 7,39  | 406,00 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 600                                                    | 205                                                                               | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 405 | 9,81  | 486,60 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 800                                                    | 245                                                                               | 525                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 500 | 13,08 | 649,80 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |
| 1000                                                   | 285                                                                               | 625                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 590 | 16,35 | 770,70 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                                             |

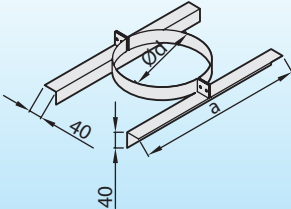
| Bogen 90° mit Prüföffnung und Deckel<br>5410-Ø-BP90H                               |      | BP90H | Technische Daten |  |       | Lg*    | Preis                                                                                                                                        |  |
|------------------------------------------------------------------------------------|------|-------|------------------|--|-------|--------|----------------------------------------------------------------------------------------------------------------------------------------------|--|
|  | Ø d  | a     | b                |  | kg    | EUR    |  elbow 90° with inspection opening with cap               |  |
|                                                                                    | 150  | 115   | 215              |  | 1,40  | 83,80  |                                                                                                                                              |  |
|                                                                                    | 200  | 125   | 220              |  | 2,02  | 101,80 |                                                                                                                                              |  |
|                                                                                    | 250  | 135   | 245              |  | 2,71  | 132,50 |                                                                                                                                              |  |
|                                                                                    | 300  | 150   | 270              |  | 3,50  | 148,40 |  le coude 90° avec l'ouverture d'inspection               |  |
|                                                                                    | 350  | 160   | 300              |  | 4,35  | 169,60 |                                                                                                                                              |  |
|                                                                                    | 400  | 170   | 320              |  | 5,31  | 185,50 |                                                                                                                                              |  |
|                                                                                    | 500  | 190   | 370              |  | 7,39  | 243,80 |  il gomito 90° con l'apertura di ispezione con la flangia |  |
|                                                                                    | 600  | 210   | 420              |  | 9,81  | 291,50 |                                                                                                                                              |  |
|                                                                                    | 800  | 250   | 520              |  | 13,08 | 386,90 |                                                                                                                                              |  |
|                                                                                    | 1000 | 290   | 620              |  | 16,35 | 483,40 |  отвод 90 ° с осмотров, с кепкой                        |  |
|                                                                                    |      |       |                  |  |       |        |                                                                                                                                              |  |

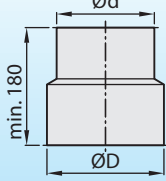
| Bogen 93° mit Prüföffnung und Deckel<br>5410-Ø-BP93H | BP93H                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lg* | Preis |        |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
|------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|---|----|-----|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|------|-----|-----|-----|-------|--------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                      |  | <table> <tr><th>Ø d</th><th>a</th><th>b</th><th>c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>115</td><td>220</td><td>210</td><td>1,40</td><td>83,80</td></tr> <tr><td>200</td><td>125</td><td>225</td><td>215</td><td>2,02</td><td>101,80</td></tr> <tr><td>250</td><td>135</td><td>250</td><td>240</td><td>2,71</td><td>132,50</td></tr> <tr><td>300</td><td>145</td><td>275</td><td>260</td><td>3,50</td><td>148,40</td></tr> <tr><td>350</td><td>155</td><td>300</td><td>285</td><td>4,35</td><td>169,60</td></tr> <tr><td>400</td><td>165</td><td>325</td><td>310</td><td>5,31</td><td>185,50</td></tr> <tr><td>500</td><td>185</td><td>375</td><td>355</td><td>7,39</td><td>243,80</td></tr> <tr><td>600</td><td>205</td><td>425</td><td>405</td><td>9,81</td><td>291,50</td></tr> <tr><td>800</td><td>245</td><td>525</td><td>500</td><td>13,08</td><td>386,90</td></tr> <tr><td>1000</td><td>285</td><td>625</td><td>590</td><td>16,35</td><td>483,40</td></tr> </table> | Ø d | a     | b      | c | kg | EUR | 150 | 115 | 220 | 210 | 1,40 | 83,80 | 200 | 125 | 225 | 215 | 2,02 | 101,80 | 250 | 135 | 250 | 240 | 2,71 | 132,50 | 300 | 145 | 275 | 260 | 3,50 | 148,40 | 350 | 155 | 300 | 285 | 4,35 | 169,60 | 400 | 165 | 325 | 310 | 5,31 | 185,50 | 500 | 185 | 375 | 355 | 7,39 | 243,80 | 600 | 205 | 425 | 405 | 9,81 | 291,50 | 800 | 245 | 525 | 500 | 13,08 | 386,90 | 1000 | 285 | 625 | 590 | 16,35 | 483,40 |  |  | <p> elbow 93° with inspection opening with cap</p> <p> le coude 93° avec l'ouverture d'inspection</p> <p> il gomito 93° con l'apertura di ispezione con la flangia</p> <p> отвод 93 ° с осмотров, с крышкой</p> |
| Ø d                                                  | a                                                                                   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | c   | kg    | EUR    |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 150                                                  | 115                                                                                 | 220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 210 | 1,40  | 83,80  |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 200                                                  | 125                                                                                 | 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 215 | 2,02  | 101,80 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 250                                                  | 135                                                                                 | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 240 | 2,71  | 132,50 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 300                                                  | 145                                                                                 | 275                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 260 | 3,50  | 148,40 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 350                                                  | 155                                                                                 | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 285 | 4,35  | 169,60 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 400                                                  | 165                                                                                 | 325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 310 | 5,31  | 185,50 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 500                                                  | 185                                                                                 | 375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 355 | 7,39  | 243,80 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 600                                                  | 205                                                                                 | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 405 | 9,81  | 291,50 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 800                                                  | 245                                                                                 | 525                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 500 | 13,08 | 386,90 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |
| 1000                                                 | 285                                                                                 | 625                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 590 | 16,35 | 483,40 |   |    |     |     |     |     |     |      |       |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |        |  |  |                                                                                                                                                                                                                 |

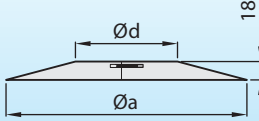
| Bogen 93° mit Stützfuß im gleichen Durchmesser B93SDN<br>5410-Ø-B93SDN | B93SDN                                                                              | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|------|-----|-----|-----|-------|---------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                        |  | <table> <tr><th>Ø d</th><th>a</th><th>b</th><th>c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>115</td><td>220</td><td>210</td><td>1,40</td><td>194,00</td></tr> <tr><td>200</td><td>125</td><td>225</td><td>215</td><td>2,02</td><td>211,70</td></tr> <tr><td>250</td><td>135</td><td>250</td><td>240</td><td>2,71</td><td>254,10</td></tr> <tr><td>300</td><td>145</td><td>275</td><td>260</td><td>3,50</td><td>301,00</td></tr> <tr><td>350</td><td>155</td><td>300</td><td>285</td><td>4,35</td><td>365,20</td></tr> <tr><td>400</td><td>165</td><td>325</td><td>310</td><td>5,31</td><td>441,70</td></tr> <tr><td>500</td><td>185</td><td>375</td><td>355</td><td>7,39</td><td>598,30</td></tr> <tr><td>600</td><td>205</td><td>425</td><td>405</td><td>9,81</td><td>754,60</td></tr> <tr><td>800</td><td>245</td><td>525</td><td>500</td><td>13,08</td><td>894,00</td></tr> <tr><td>1000</td><td>285</td><td>625</td><td>590</td><td>16,35</td><td>1034,00</td></tr> </table> | Ø d | a     | b       | c | kg | EUR | 150 | 115 | 220 | 210 | 1,40 | 194,00 | 200 | 125 | 225 | 215 | 2,02 | 211,70 | 250 | 135 | 250 | 240 | 2,71 | 254,10 | 300 | 145 | 275 | 260 | 3,50 | 301,00 | 350 | 155 | 300 | 285 | 4,35 | 365,20 | 400 | 165 | 325 | 310 | 5,31 | 441,70 | 500 | 185 | 375 | 355 | 7,39 | 598,30 | 600 | 205 | 425 | 405 | 9,81 | 754,60 | 800 | 245 | 525 | 500 | 13,08 | 894,00 | 1000 | 285 | 625 | 590 | 16,35 | 1034,00 |  |  | <p> elbow 93° with support in same diameter</p> <p> coude egal 93° avec pied</p> <p> curva 93° con supporto e diametro uguale</p> <p> отвод 93° с опорой того же диаметра</p> |
| Ø d                                                                    | a                                                                                   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | c   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 150                                                                    | 115                                                                                 | 220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 210 | 1,40  | 194,00  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 200                                                                    | 125                                                                                 | 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 215 | 2,02  | 211,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 250                                                                    | 135                                                                                 | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 240 | 2,71  | 254,10  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 300                                                                    | 145                                                                                 | 275                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 260 | 3,50  | 301,00  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 350                                                                    | 155                                                                                 | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 285 | 4,35  | 365,20  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 400                                                                    | 165                                                                                 | 325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 310 | 5,31  | 441,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 500                                                                    | 185                                                                                 | 375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 355 | 7,39  | 598,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 600                                                                    | 205                                                                                 | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 405 | 9,81  | 754,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 800                                                                    | 245                                                                                 | 525                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 500 | 13,08 | 894,00  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |
| 1000                                                                   | 285                                                                                 | 625                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 590 | 16,35 | 1034,00 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |      |     |     |     |       |         |  |  |                                                                                                                                                                               |

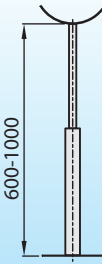
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

**Einwandiges Flanschsystem**  
**eka complex Europ E (einwandig)**  
Wanddicke Innenrohr 1,0 mm

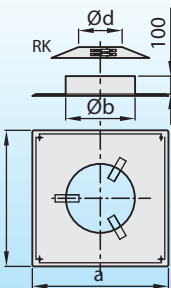
| Zwischenstütze<br>5410-Ø-ZS | ZS                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lg* | Preis |        |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|-----|------|--|--|---|--------|------|------|--|--|---|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             |  | <table> <tr><th>Ø d</th><th>a</th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>400</td><td></td><td></td><td>-</td><td>116,60</td></tr> <tr><td>200</td><td>450</td><td></td><td></td><td>-</td><td>153,70</td></tr> <tr><td>250</td><td>500</td><td></td><td></td><td>-</td><td>196,10</td></tr> <tr><td>300</td><td>540</td><td></td><td></td><td>-</td><td>275,60</td></tr> <tr><td>350</td><td>600</td><td></td><td></td><td>-</td><td>323,30</td></tr> <tr><td>400</td><td>650</td><td></td><td></td><td>-</td><td>365,70</td></tr> <tr><td>500</td><td>750</td><td></td><td></td><td>-</td><td>429,30</td></tr> <tr><td>600</td><td>800</td><td></td><td></td><td>-</td><td>482,30</td></tr> <tr><td>800</td><td>1050</td><td></td><td></td><td>-</td><td>545,90</td></tr> <tr><td>1000</td><td>1250</td><td></td><td></td><td>-</td><td>641,30</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | a     |        |  | kg | EUR | 150 | 400 |  |  | - | 116,60 | 200 | 450 |  |  | - | 153,70 | 250 | 500 |  |  | - | 196,10 | 300 | 540 |  |  | - | 275,60 | 350 | 600 |  |  | - | 323,30 | 400 | 650 |  |  | - | 365,70 | 500 | 750 |  |  | - | 429,30 | 600 | 800 |  |  | - | 482,30 | 800 | 1050 |  |  | - | 545,90 | 1000 | 1250 |  |  | - | 641,30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> intermediate support</p> <p> support intermédiaire</p> <p> supporto intermediale</p> <p> промежуточная опора</p> |
| Ø d                         | a                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | kg    | EUR    |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 150                         | 400                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 116,60 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 200                         | 450                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 153,70 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 250                         | 500                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 196,10 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 300                         | 540                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 275,60 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 350                         | 600                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 323,30 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 400                         | 650                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 365,70 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 500                         | 750                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 429,30 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 600                         | 800                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 482,30 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 800                         | 1050                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 545,90 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1000                        | 1250                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 641,30 |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |       |        |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |       |        |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |       |        |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |       |        |  |    |     |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

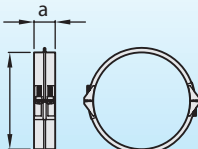
| Reduzierung/Erweiterung<br>5410-Ø-RZ | RZ                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lg* | Preis |        |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|--|--|--|---|-------|-----|--|--|--|---|-------|-----|--|--|--|---|-------|-----|--|--|--|---|-------|-----|--|--|--|---|-------|-----|--|--|--|---|-------|-----|--|--|--|---|-------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|------|--|--|--|---|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      |  | <table> <tr><th>Ø d</th><th></th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td></td><td></td><td></td><td>-</td><td>34,60</td></tr> <tr><td>200</td><td></td><td></td><td></td><td>-</td><td>59,70</td></tr> <tr><td>250</td><td></td><td></td><td></td><td>-</td><td>75,20</td></tr> <tr><td>300</td><td></td><td></td><td></td><td>-</td><td>80,10</td></tr> <tr><td>350</td><td></td><td></td><td></td><td>-</td><td>85,00</td></tr> <tr><td>400</td><td></td><td></td><td></td><td>-</td><td>90,40</td></tr> <tr><td>500</td><td></td><td></td><td></td><td>-</td><td>94,20</td></tr> <tr><td>600</td><td></td><td></td><td></td><td>-</td><td>115,50</td></tr> <tr><td>800</td><td></td><td></td><td></td><td>-</td><td>153,70</td></tr> <tr><td>1000</td><td></td><td></td><td></td><td>-</td><td>196,10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d |       |        |  | kg | EUR | 150 |  |  |  | - | 34,60 | 200 |  |  |  | - | 59,70 | 250 |  |  |  | - | 75,20 | 300 |  |  |  | - | 80,10 | 350 |  |  |  | - | 85,00 | 400 |  |  |  | - | 90,40 | 500 |  |  |  | - | 94,20 | 600 |  |  |  | - | 115,50 | 800 |  |  |  | - | 153,70 | 1000 |  |  |  | - | 196,10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> reduction</p> <p> réduction</p> <p> riduzione</p> <p> сужение</p> |
| Ø d                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | kg    | EUR    |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 150                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 34,60  |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 200                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 59,70  |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 250                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 75,20  |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 300                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 80,10  |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 350                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 85,00  |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 400                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 90,40  |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 500                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 94,20  |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 600                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 115,50 |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 800                                  |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 153,70 |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1000                                 |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | 196,10 |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|                                      |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |       |        |  |    |     |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |       |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Regenkragen<br>5410-Ø-RK | RK                                                                                  | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lg* | Preis |        |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|---|----|-----|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|------|------|--|--|---|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |  | <table> <tr><th>Ø d</th><th>Ø a</th><th>b</th><th>c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>310</td><td></td><td></td><td>-</td><td>24,10</td></tr> <tr><td>200</td><td>360</td><td></td><td></td><td>-</td><td>28,40</td></tr> <tr><td>250</td><td>410</td><td></td><td></td><td>-</td><td>29,50</td></tr> <tr><td>300</td><td>460</td><td></td><td></td><td>-</td><td>37,60</td></tr> <tr><td>350</td><td>510</td><td></td><td></td><td>-</td><td>45,50</td></tr> <tr><td>400</td><td>560</td><td></td><td></td><td>-</td><td>56,10</td></tr> <tr><td>500</td><td>660</td><td></td><td></td><td>-</td><td>77,20</td></tr> <tr><td>600</td><td>760</td><td></td><td></td><td>-</td><td>100,70</td></tr> <tr><td>800</td><td>960</td><td></td><td></td><td>-</td><td>121,90</td></tr> <tr><td>1000</td><td>1160</td><td></td><td></td><td>-</td><td>158,00</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | Ø a   | b      | c | kg | EUR | 150 | 310 |  |  | - | 24,10 | 200 | 360 |  |  | - | 28,40 | 250 | 410 |  |  | - | 29,50 | 300 | 460 |  |  | - | 37,60 | 350 | 510 |  |  | - | 45,50 | 400 | 560 |  |  | - | 56,10 | 500 | 660 |  |  | - | 77,20 | 600 | 760 |  |  | - | 100,70 | 800 | 960 |  |  | - | 121,90 | 1000 | 1160 |  |  | - | 158,00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> rain collar</p> <p> collerette</p> <p> collare anti pioggia</p> <p> дождевой козырёк</p> |
| Ø d                      | Ø a                                                                                 | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | c   | kg    | EUR    |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 150                      | 310                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 24,10  |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 200                      | 360                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 28,40  |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 250                      | 410                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 29,50  |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 300                      | 460                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 37,60  |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 350                      | 510                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 45,50  |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 400                      | 560                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 56,10  |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 500                      | 660                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 77,20  |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 600                      | 760                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 100,70 |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 800                      | 960                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 121,90 |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1000                     | 1160                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | 158,00 |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                          |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |       |        |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                          |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |       |        |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                          |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |       |        |   |    |     |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Stützfuß<br>5410-Ø-SP | SP                                                                                  | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lg* | Preis |        |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|------|--|--|--|---|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       |  | <table> <tr><th>Ø d</th><th></th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td></td><td></td><td></td><td>-</td><td>120,00</td></tr> <tr><td>200</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>250</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>300</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>350</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>400</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>500</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>600</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>800</td><td></td><td></td><td></td><td>-</td><td>174,90</td></tr> <tr><td>1000</td><td></td><td></td><td></td><td>-</td><td>196,10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d |       |        |  | kg | EUR | 150 |  |  |  | - | 120,00 | 200 |  |  |  | - | 129,30 | 250 |  |  |  | - | 129,30 | 300 |  |  |  | - | 129,30 | 350 |  |  |  | - | 129,30 | 400 |  |  |  | - | 129,30 | 500 |  |  |  | - | 129,30 | 600 |  |  |  | - | 129,30 | 800 |  |  |  | - | 174,90 | 1000 |  |  |  | - | 196,10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> support 600 - 1000 mm</p> <p> pied d'appui avec demi support</p> <p> supporto 600 - 1000 mm</p> <p> опора 600 - 1000 мм</p> |
| Ø d                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | kg    | EUR    |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 150                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 120,00 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 200                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 250                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 350                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 500                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 174,90 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                  |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | -     | 196,10 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |       |        |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |       |        |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |       |        |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |       |        |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

| Abschlußelement mit Hinterlüftung                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AEH2 |  | Technische Daten |    | Lg* Preis |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|------------------|----|-----------|-------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|-------|-----|-----|--|--|---|--------|-----|-----|--|--|---|--------|-----|------|--|--|---|--------|------|------|--|--|---|--------|--|--|--|--|--|--|--|--|--|--|--|--|
| 5410-Ø-AEH2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |  |                  |    |           |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                              | <table><tr><th>Ø d</th><th>a</th><th></th><th></th><th>kg</th><th>EUR</th><td rowspan="12"> terminal kid with rain collar</td></tr><tr><td>150</td><td>375</td><td></td><td></td><td>-</td><td>79,90</td></tr><tr><td>200</td><td>450</td><td></td><td></td><td>-</td><td>85,80</td></tr><tr><td>250</td><td>500</td><td></td><td></td><td>-</td><td>88,80</td></tr><tr><td>300</td><td>540</td><td></td><td></td><td>-</td><td>91,60</td></tr><tr><td>350</td><td>600</td><td></td><td></td><td>-</td><td>94,60</td></tr><tr><td>400</td><td>640</td><td></td><td></td><td>-</td><td>97,60</td></tr><tr><td>500</td><td>740</td><td></td><td></td><td>-</td><td>103,50</td></tr><tr><td>600</td><td>840</td><td></td><td></td><td>-</td><td>109,40</td></tr><tr><td>800</td><td>1040</td><td></td><td></td><td>-</td><td>121,10</td></tr><tr><td>1000</td><td>1240</td><td></td><td></td><td>-</td><td>135,90</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |      |  |                  |    |           |                                                                                                                   |  |                                                                                     | Ø d                                            | a                                                                                   |                              |                                                                                     | kg                                                         | EUR |  terminal kid with rain collar | 150 | 375 |  |  | - | 79,90 | 200 | 450 |  |  | - | 85,80 | 250 | 500 |  |  | - | 88,80 | 300 | 540 |  |  | - | 91,60 | 350 | 600 |  |  | - | 94,60 | 400 | 640 |  |  | - | 97,60 | 500 | 740 |  |  | - | 103,50 | 600 | 840 |  |  | - | 109,40 | 800 | 1040 |  |  | - | 121,10 | 1000 | 1240 |  |  | - | 135,90 |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Ø d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | a    |  |                  | kg | EUR       |  terminal kid with rain collar |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 375  |  |                  | -  | 79,90     |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 450  |  |                  | -  | 85,80     |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 500  |  |                  | -  | 88,80     |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 540  |  |                  | -  | 91,60     |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 600  |  |                  | -  | 94,60     |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 640  |  |                  | -  | 97,60     |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 740  |  |                  | -  | 103,50    |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 840  |  |                  | -  | 109,40    |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1040 |  |                  | -  | 121,10    |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1240 |  |                  | -  | 135,90    |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |  |                  |    |           |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |  |                  |    |           |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
| <table><tr><td></td><td>élément de finition avec aération et collerete</td></tr><tr><td></td><td>kit terminale con aereazione</td></tr><tr><td></td><td>завершающий элемент с возможностью подачи воздуха из шахты</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |  |                  |    |           |                                                                                                                   |  |  | élément de finition avec aération et collerete |  | kit terminale con aereazione |  | завершающий элемент с возможностью подачи воздуха из шахты |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                            | élément de finition avec aération et collerete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |  |                  |    |           |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                            | kit terminale con aereazione                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |                  |    |           |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                            | завершающий элемент с возможностью подачи воздуха из шахты                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |  |                  |    |           |                                                                                                                   |  |                                                                                     |                                                |                                                                                     |                              |                                                                                     |                                                            |     |                                                                                                                   |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |       |     |     |  |  |   |        |     |     |  |  |   |        |     |      |  |  |   |        |      |      |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |

| Klemmband innen<br>5410-Ø-KIV                                                      |      | KIV |  | Technische Daten |    | Lg* Preis |                                                                                      |                                         |
|------------------------------------------------------------------------------------|------|-----|--|------------------|----|-----------|--------------------------------------------------------------------------------------|-----------------------------------------|
|  | Ø d  | a   |  |                  | kg | EUR       |   | locking band for inliner                |
|                                                                                    | 150  | 35  |  |                  | -  | 82,70     |                                                                                      |                                         |
|                                                                                    | 200  | 35  |  |                  | -  | 85,80     |   | collier de fixation interieur           |
|                                                                                    | 250  | 35  |  |                  | -  | 88,80     |                                                                                      |                                         |
|                                                                                    | 300  | 35  |  |                  | -  | 91,60     |   | fascietta di fissaggio per tubo interno |
|                                                                                    | 350  | 35  |  |                  | -  | 94,60     |                                                                                      |                                         |
|                                                                                    | 400  | 35  |  |                  | -  | 97,60     |                                                                                      |                                         |
|                                                                                    | 500  | 35  |  |                  | -  | 103,50    |                                                                                      |                                         |
|                                                                                    | 600  | 35  |  |                  | -  | 109,40    |                                                                                      |                                         |
|                                                                                    | 800  | 35  |  |                  | -  | 121,10    |  | Хомут для внутренней трубы              |
|                                                                                    | 1000 | 35  |  |                  | -  | 135,90    |                                                                                      |                                         |
|                                                                                    |      |     |  |                  |    |           |                                                                                      |                                         |
|                                                                                    |      |     |  |                  |    |           |                                                                                      |                                         |
|                                                                                    |      |     |  |                  |    |           |                                                                                      |                                         |
|                                                                                    |      |     |  |                  |    |           |                                                                                      |                                         |
|                                                                                    |      |     |  |                  |    |           |                                                                                      |                                         |

| Hochtemperatursilikon rotbraun<br>1000 000 SI HAT |                                                                                                                                | SI HAT | Technische Daten |  |  |    | Lg*   | Preis                                                                                               |                                                                                                                      |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------|------------------|--|--|----|-------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <div>max. 200° C</div>                            | <div><div>Hochtemperatursilikon</div></div> |        |                  |  |  | kg | EUR   |  silicon paste |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  | -  | 13,00 |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |  silicone                       |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |  silicone                       |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |  Силикон для высоких температур |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |
|                                                   |                                                                                                                                |        |                  |  |  |    |       |                                                                                                     |                                                                                                                      |

| Fugenteufel einkomponenten Fugendichtstoff, grundierungsfrei<br>100 000 SI FU                                                        |                                   | Technische Daten | Lg* | Preis |                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------|-----|-------|---------------------------------------------------------------|
| <div><div></div><div><div>Fugenteufel</div><div></div></div></div> <div>nur für Anschlußfugen,<br/>nicht für Elementabdichtung</div> | <div><div></div><div></div></div> |                  | kg  | EUR   | <div><div></div><div>silicon paste</div></div>                |
|                                                                                                                                      |                                   |                  | -   | 10,50 | <div><div></div><div>silicone</div></div>                     |
|                                                                                                                                      |                                   |                  |     |       | <div><div></div><div>silicone</div></div>                     |
|                                                                                                                                      |                                   |                  |     |       | <div><div></div><div>Средство для заполнения швов</div></div> |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |
|                                                                                                                                      |                                   |                  |     |       |                                                               |

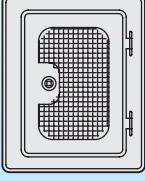
**#Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag**

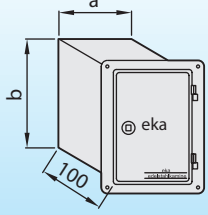


**Einwandiges Flanschsystem**  
**eka complex Europ E (einwandig)**  
Wanddicke Innenrohr 1,0 mm

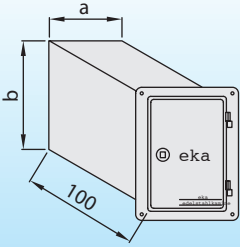
| Asplit<br>1000-000-ASP | ASP                                                                                                                        | Technische Daten |  |  |  | Lg* | Preis |                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------|--|--|--|-----|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | <br>Mischungsverhältnis mit Wasser<br>7-1 |                  |  |  |  | kg  | EUR   |  asplit<br> asplit<br> asplit<br> асплит |
|                        |                                                                                                                            |                  |  |  |  | -   | 35,00 |                                                                                                                                                                                                                                                                                                                                                                                      |
|                        |                                                                                                                            |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                      |
|                        |                                                                                                                            |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                      |
|                        |                                                                                                                            |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                      |
|                        |                                                                                                                            |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                      |
|                        |                                                                                                                            |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                      |
|                        |                                                                                                                            |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                      |
|                        |                                                                                                                            |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                      |
|                        |                                                                                                                            |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                      |

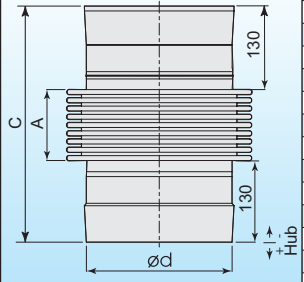
| Edelstahltür 14/20<br>2400-000-ES14 |                                                                                    | Technische Daten |  |  |  | Lg* | Preis |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|------------------------------------------------------------------------------------|------------------|--|--|--|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |  |                  |  |  |  | kg  | EUR   |  stainless door 140 x 200 mm<br> porte acier inox 140 x 200 mm<br> porta per ispezione 140 x 200 mm<br> Дверца из нержавеющей стали 140 x 200 мм |
|                                     |                                                                                    |                  |  |  |  | -   | 43,10 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     |                                                                                    |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     |                                                                                    |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     |                                                                                    |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     |                                                                                    |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     |                                                                                    |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     |                                                                                    |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     |                                                                                    |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     |                                                                                    |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Edelstahltür als Lüftungsgitter 14/20<br>2400-000-EL14 |                                                                                     | Technische Daten |  |  |  | Lg* | Preis |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|--|--|--|-----|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                        |  |                  |  |  |  | kg  | EUR   |  stainless door with grill 140 x 200 mm<br> porte acier inox avec grille 140 x 200 mm<br> porta di ispezione con griglia di aereazione 140 x 200 mm<br> Дверца из нержавеющей стали с вентиляционной решеткой 140 x 200 мм |
|                                                        |                                                                                     |                  |  |  |  | -   | 43,10 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                        |                                                                                     |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                        |                                                                                     |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                        |                                                                                     |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                        |                                                                                     |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                        |                                                                                     |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                        |                                                                                     |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                        |                                                                                     |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                        |                                                                                     |                  |  |  |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Edelstahltür m. Putzrahmen 100 mm 14/20<br>2400-000-ESP14 |                                                                                     | Technische Daten |     |     |  | Lg* | Preis |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|-----|-----|--|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                           |  |                  | a   | b   |  | kg  | EUR   |  stainless door with shaft 100 mm 140 x 200 mm<br> porte acier inox avec cadre 100 mm 140 x 200 mm<br> porta di ispezione con cornice l=100 mm 140 x 200 mm<br> Дверца из нержавеющей стали для бетонирования 100 мм 140 x 200 мм |
|                                                           |                                                                                     |                  | 140 | 200 |  | -   | 64,70 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                     |                  |     |     |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                     |                  |     |     |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                     |                  |     |     |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                     |                  |     |     |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                     |                  |     |     |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                     |                  |     |     |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                     |                  |     |     |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           |                                                                                     |                  |     |     |  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

| Edelstahltür m. Schiebestutzen<br>2400-000-SES14 | SES14                                                                             | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lg* | Preis |              |  |    |     |  |     |     |  |   |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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|                                                  |  | <table> <tr><th></th><th>a</th><th>b</th><th></th><th>kg</th><th>EUR</th></tr> <tr><td></td><td>140</td><td>200</td><td></td><td>-</td><td><b>79,40</b></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> |     | a     | b            |  | kg | EUR |  | 140 | 200 |  | - | <b>79,40</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> stainless door with shaft 200 mm<br/>140 x 200 mm</p> <p> porte acier inox avec cadre 200 mm<br/>140 x 200 mm</p> <p> porta di ispezione con cornice<br/>l=200 mm 140 x 200 mm</p> <p> Дверца из нержавеющей стали<br/>для бетонирования 200 мм<br/>140 x 200 мм</p> |
|                                                  | a                                                                                 | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | kg    | EUR          |  |    |     |  |     |     |  |   |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                  | 140                                                                               | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | -     | <b>79,40</b> |  |    |     |  |     |     |  |   |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Kompensator<br>5410-Ø-KOM | KOM                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lg* | Preis |                |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
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|                           |  | <table> <tr><th>Ø d</th><th>a</th><th>c</th><th>Hub</th><th>Bl</th><th>EUR</th></tr> <tr><td><b>150</b></td><td>145</td><td>405</td><td>60</td><td>435</td><td><b>603,00</b></td></tr> <tr><td><b>200</b></td><td>225</td><td>485</td><td>82</td><td>526</td><td><b>661,00</b></td></tr> <tr><td><b>250</b></td><td>165</td><td>425</td><td>88</td><td>489</td><td><b>699,00</b></td></tr> <tr><td><b>300</b></td><td>210</td><td>470</td><td>98</td><td>519</td><td><b>805,00</b></td></tr> <tr><td><b>350</b></td><td>205</td><td>465</td><td>106</td><td>518</td><td><b>853,00</b></td></tr> <tr><td><b>400</b></td><td>195</td><td>455</td><td>108</td><td>509</td><td><b>928,00</b></td></tr> <tr><td><b>500</b></td><td>180</td><td>440</td><td>112</td><td>496</td><td><b>1024,00</b></td></tr> <tr><td><b>600</b></td><td>190</td><td>450</td><td>120</td><td>510</td><td><b>1194,00</b></td></tr> <tr><td><b>800</b></td><td>210</td><td>470</td><td>134</td><td>537</td><td><b>1573,00</b></td></tr> <tr><td><b>1000</b></td><td>215</td><td>475</td><td>84</td><td>517</td><td><b>1990,00</b></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | a     | c              | Hub | Bl | EUR | <b>150</b> | 145 | 405 | 60 | 435 | <b>603,00</b> | <b>200</b> | 225 | 485 | 82 | 526 | <b>661,00</b> | <b>250</b> | 165 | 425 | 88 | 489 | <b>699,00</b> | <b>300</b> | 210 | 470 | 98 | 519 | <b>805,00</b> | <b>350</b> | 205 | 465 | 106 | 518 | <b>853,00</b> | <b>400</b> | 195 | 455 | 108 | 509 | <b>928,00</b> | <b>500</b> | 180 | 440 | 112 | 496 | <b>1024,00</b> | <b>600</b> | 190 | 450 | 120 | 510 | <b>1194,00</b> | <b>800</b> | 210 | 470 | 134 | 537 | <b>1573,00</b> | <b>1000</b> | 215 | 475 | 84 | 517 | <b>1990,00</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> compensator</p> <p> compensateur</p> <p> compensature</p> <p> компенсатор</p> |
| Ø d                       | a                                                                                  | c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hub | Bl    | EUR            |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>150</b>                | 145                                                                                | 405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60  | 435   | <b>603,00</b>  |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>200</b>                | 225                                                                                | 485                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 82  | 526   | <b>661,00</b>  |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>250</b>                | 165                                                                                | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 88  | 489   | <b>699,00</b>  |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>300</b>                | 210                                                                                | 470                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 98  | 519   | <b>805,00</b>  |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>350</b>                | 205                                                                                | 465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 106 | 518   | <b>853,00</b>  |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>400</b>                | 195                                                                                | 455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 108 | 509   | <b>928,00</b>  |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>500</b>                | 180                                                                                | 440                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 112 | 496   | <b>1024,00</b> |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>600</b>                | 190                                                                                | 450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120 | 510   | <b>1194,00</b> |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>800</b>                | 210                                                                                | 470                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 134 | 537   | <b>1573,00</b> |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>1000</b>               | 215                                                                                | 475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 84  | 517   | <b>1990,00</b> |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                           |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |                |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                           |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |                |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                           |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |                |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                           |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |                |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                           |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |                |     |    |     |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |    |     |               |            |     |     |     |     |               |            |     |     |     |     |               |            |     |     |     |     |                |            |     |     |     |     |                |            |     |     |     |     |                |             |     |     |    |     |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                |

**Einwandiges Flanschsyst<sub>em</sub>**  
**eka complex Europ E**  
Wanddicke Innenrohr 1,0 mm



**Technische Daten • Einwandiges Flansch-System eka complex Europ E**

| Durchmesser               | in mm     | 150 | 200 | 250 | 300 | 350 | 400  | 500  | 600  | 800  | 1000 |
|---------------------------|-----------|-----|-----|-----|-----|-----|------|------|------|------|------|
| Fläche in cm <sup>2</sup> | Wanddicke | 177 | 314 | 491 | 707 | 962 | 1256 | 1963 | 2826 | 5024 | 7850 |
| Gewicht in kg/m           | 1,0 mm    | 4,0 | 5,5 | 6,8 | 8,2 | 9,5 | 10,9 | 13,6 | 16,3 | 21,7 | 27,6 |

**Materialart:**

starre Bauteile

Edelstahl, 1.4404 bzw. 1.4571, AISI 316 L

**Materialstärke:**

starre Bauteile

1,0 mm

**Brennstoffe:**

Öl, Gas, Festbrennstoff

**Max. Dauer- Abgastemperatur:**

600°C

**Betriebsweise:**

Unterdruck, Überdruck

**Dicke Wärmedämmung:**

nicht erforderlich,  
auf Wunsch erhältlich  
• 15 mm Wanddicke (alukaschiert)  
• 25 mm Wanddicke  
• 50 mm Wanddicke

**Artikel-Nr.**

5410

**CE - Zertifizierung:**

**D-0036 CPD 90216 10/2009**

EN 1856-1 T200 H1 W V2 L50090 O30

EN 1856-1 T600 H2 D V2 L50090 G30

EN 1856-1 T600 P1 D V2 L50090 O30

**Aufbauhöhe:**

Für das einwandige System eka complex Europ E ist eine Aufbauhöhe von 30 m ohne Zwischenstütze für alle Längenelemente und Formteile bis DN 500 zulässig.  
Für größere Durchmesser beträgt diese Höhe max. 15 m.



**technical data • single wall system eka complex Europ E**

| diameter             | mm        | 150 | 200 | 250 | 300 | 350 | 400  | 500  | 600  | 800  | 1000 |
|----------------------|-----------|-----|-----|-----|-----|-----|------|------|------|------|------|
| area cm <sup>2</sup> | thickness | 177 | 314 | 491 | 707 | 962 | 1256 | 1963 | 2826 | 5024 | 7850 |
| weight kg/m          | 1,0 mm    | 4,0 | 5,5 | 6,8 | 8,2 | 9,5 | 10,9 | 13,6 | 16,3 | 21,7 | 27,6 |

**material type:**

stiff elements

stainless steel, 1.4404 bzw. 1.4571, AISI 316 L

**material thickness:**

stiff elements

1,0 mm

**fuel type:**

oil, natural gas, solid fuel  
600°C maximal sustained exhaust temperature  
negative pressure, positive pressure  
not required,  
possible isolation  
• 15 mm mineral-fibre isolation (aluminiumskin)  
• 25 mm mineral-fibre isolation  
• 50 mm mineral-fibre isolation

**operating modes:**

**thickness of isolation:**

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**maximal height:**

a maximal height without intermediate support up to 30 m is possible, until DN 500.  
The maximal height for larger diameters is 15 m.

**Informations techniques • conduits de cheminées simple paroi (system complex Europ E)**

| Diamètre                       | mm        | 150 | 200 | 250 | 300 | 350 | 400  | 500  | 600  | 800  | 1000 |
|--------------------------------|-----------|-----|-----|-----|-----|-----|------|------|------|------|------|
| Surface en cm <sup>2</sup>     | Épaisseur | 177 | 314 | 491 | 707 | 962 | 1256 | 1963 | 2826 | 5024 | 7850 |
| éléments droits, poids en kg/m | 1,0 mm    | 4,0 | 5,5 | 6,8 | 8,2 | 9,5 | 10,9 | 13,6 | 16,3 | 21,7 | 27,6 |

**Matériaux:**

Eléments droits  
Épaisseur des éléments droits:  
Combustibles utilisables:  
Température max des fumées:  
Mode de fonctionnement:  
Épaisseur de L'isolant:

Acier inoxydable, 1.4404 et 1.4571, AISI 316 L  
1,0 mm  
tout combustibles solides, fuel, gaz  
600°C  
en pression négative ou dépression, pression positive  
pas nécessaire,  
à la demande  
• 15 mm Épaisseur (aluminisé)  
• 25 mm Épaisseur  
• 50 mm Épaisseur

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**CE - certification:**

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EN 1856-1 T600 P1 D V2 L50090 O30

hauteur de montage:

Le système simple paroi est autoportant dans le cadre d'un tubage d'un conduit existant jusqu'à une hauteur de 30 m, (max. DN 500).  
La maximale hauteur pour les plus grands diamètres est 15 m.

**dati tecnici • monoparete sistema eka complex Europ E**

| Durchmesser                    | mm       | 150 | 200 | 250 | 300 | 350 | 400  | 500  | 600  | 800  | 1000 |
|--------------------------------|----------|-----|-----|-----|-----|-----|------|------|------|------|------|
| area cm <sup>2</sup> superfice | spessore | 177 | 314 | 491 | 707 | 962 | 1256 | 1963 | 2826 | 5024 | 7850 |
| materiale fiso, peso kg/m      | 1,0 mm   | 4,0 | 5,5 | 6,8 | 8,2 | 9,5 | 10,9 | 13,6 | 16,3 | 21,7 | 27,6 |

**materiale:**

materiale elementi rigidi  
materiale:  
materiale elementi rigidi  
combustibile:  
temperatura massima:  
modalità di funzionamento:  
spessore isolazione:

acciaio inox, 1.4404 ossia 1.4571, AISI 316 L  
1,0 mm  
gas olio, gas, elenia  
600°C  
depressione, pressione positiva  
non serve,  
ordinare ante  
• 15 mm isolazione con mantello in alluminio  
• 25 mm isolazione  
• 50 mm isolazione

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**certificazione CE:**

**D-0036 CPD 90216 10/2009**  
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EN 1856-1 T600 P1 D V2 L50090 O30

altezza efficace del camino:

Per il montaggio del sistema del camino a monoparete eka complex Europ E, é previsto il montaggio fino a un'altezza massima di 30 mt. senza supporto Intermedi vale per i moduli lineari e elementi (max. DN 500).  
L'altezza massima per i più grandi diametri è 15 m.





## Технические данные одностенная система eka комплекс крышка Европ E

| Диаметр           | в мм   | 150 | 200 | 250 | 300 | 350 | 400  | 500  | 600  | 800  | 1000 |
|-------------------|--------|-----|-----|-----|-----|-----|------|------|------|------|------|
| Вес в кг/м высоты |        | 177 | 314 | 491 | 707 | 962 | 1256 | 1963 | 2826 | 5024 | 7850 |
| Вес в кг/м высоты | 1,0 мм | 4,0 | 5,5 | 6,8 | 8,2 | 9,5 | 10,9 | 13,6 | 16,3 | 21,7 | 27,6 |

**Тип материала:**

жесткая система

нержавеющая сталь, 1.4404 bzw. 1.4571, AISI 316 L

Толщина материала:

жесткая система

1,0 мм

Вид топлива:

дизельное, газ, твердое

Макс. температура

отработ. газов:

без уплотнения 600°C

Вид эксплуатации:

низкое / высокое давление

Толщина теплоизоляции:

не обязательно, по желанию

• 15 мм толщина стенок (с алюминиевой поверхностью)

• 25 мм толщина стенок

• 50 мм толщина стенок

арт.- нр.

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**CE- Сертификация:****D-0036 CPD 90216 10/2009**

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EN 1856-1 T600 P1 D V2 L50090 O30

Высота монтажа:

Допустимая высота монтажа конструкции без промежуточной опоры для системы комплекс E составляет 30 м.

Более высокие сооружения без промежуточной опоры разрешены только по договоренности с эка эдельшталькамины ГмбХ (макс. 500мм).

Максимальная высота для больших диаметров - 15 м.

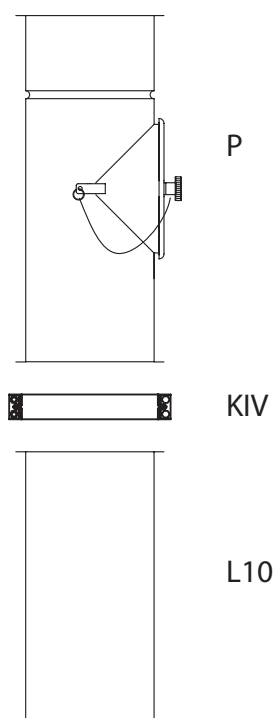


## Einwandiges System - Montageanleitung

Das einwandige System „eka complex Europ E“ dient der Ableitung von Abgasen aus Wärmezeugern, die mit Öl, Gas oder Festbrennstoffen betrieben werden. Es ist in einen Schornstein oder in einen Schacht einzubauen, der den Erfordernissen der entsprechenden Landesbauordnung entsprechen muß. Vor Beginn des Einbaues der Abgasanlage ist der zu verwendende Schacht so zu reinigen, damit seine innere Oberfläche frei von lockeren Bestandteilen oder Verbrennungsrückständen ist.

Verwendung als Schornstein  
für Öl- Gas- und Festbrennstoff -  
Wärmeerzeuger  
Unterdruck

Montagehinweis



Detail

Die Dimensionierung der Anlage ist mit einem zugelassenen Schornsteinberechnungsprogramm nach EN 13384-1/2 durchzuführen.

Die einzelnen Längenelemente werden aufeinandergesetzt. Es sind Klemmbänder erforderlich. Im Klemmband KIV befindet sich das Dichtmittel. Die Materialdicke beträgt mindestens 1,0 mm. Verwendet wird Edelstahl der Werkstoffnummern 1.4404. Die Einbaulänge des Längenelementes L 10 beträgt 1060 mm.

Kürzere Längen sind durch Verwendung der Längenelemente L5 (Einbaulänge beträgt 520 mm) oder der Längenelemente L3 (Einbaulänge beträgt 340 mm) nutzbar. Prinzipiell sind alle Bauteile als feuchteunempfindliches System ausgebildet. Die Verbindungen müssen sauber sein. In der Verbindungsleitung sind Klemmbänder KIV erforderlich. Vor jeder Umlenkung ist ein Kompensator einzubauen. Anfallendes Kondensat ist entsprechend den Bestimmungen des ATV - Merkblattes M251 „Kondensate aus Brennkesseln“ - Fassung November 1998 - der Deutschen Vereinigung für Wasserwirtschaft, Abwasser und Abfall e.V., abzuleiten.

Das System darf schräggeführt werden. Zulässig sind Schrägfürungen bis 90° (empfehlenswert max. 45°). Es wird mit dem Aufbau der Kombination Kondensatschale/Prüföffnung/ Feuerungsanschluss begonnen. Dazu ist in dem genannten Bereich der Schacht zu öffnen. Von der Schornsteinmündung aus werden jetzt, beginnend mit dem Längenelement mit Schlaufe, die nötigen Rohre mittels Seil abgelassen. Falls erforderlich, wird im Dachbereich die obere Prüföffnung eingebaut (möglich ist die Ausführung PH 14, ggf. mit Diffusionssperre, empfehlenswert ist hier jedoch die Ausführung P, bis 200° C). Im Abstand von ca. 2-3 m sollten sich die Abstandshalter zum Zentrieren der Rohrsäule im Schacht befinden. Anschließend wird das Abschlusselement (mit Hinterlüftung) auf dem Schornsteinkopf befestigt. Eine evtl. auftretende thermisch bedingte Längenausdehnung des Abgassystems ist zu gewährleisten. Beim Abschlusselement mit Hinterlüftung AEH2 ist das durchgeführte oberste Längenelement auf das erforderliche Maß zu kürzen und der Regenkragen (abdichtend) zu montieren.

Weiterhin ist der Schornsteinkopf gegenüber dem Abschlußblech so abzudichten, daß Nässe nicht in den verbleibenden Ringspalt gelangen kann.

An den Maueröffnungen werden die Feuerungsanschlüsse mit Mineralwolle umhüllt und anschließend wird die Öffnung wieder verschlossen. Vor den Prüföffnungen sind im Schacht die Edelstahltüren ( mit oder ohne Putzrahmen bzw. mit Schiebekasten) einzubauen.

Bei Verwendung als Schornstein für Festbrennstoff-Wärmeerzeuger ist eine Isolierung mit Wärmedämmrohren empfehlenswert, ebenfalls bei Anschluß von Ölkesseln (Geräuschvermeidung).

Eine Hinterlüftung ist erforderlich. Der Abstand zwischen Außenseite Innenrohr und Innenseite Schacht muß mindestens 10 mm (Unterdruck) / 20 mm (Überdruck) betragen.

Maßgebend für die Ausführung der Anlage sind die Aussagen in der Produktinformation der Konformitätserklärung

( CE: D-0036 CPD 90216 010 / 2004 ).

**Stimmen Sie geplante Querschnittsverminderungen vor Beginn der Baumaßnahmen mit dem zuständigen Bezirksschornsteinfegermeister ab.**

**In einigen Ländern ist eine Bauanzeige oder ein Bauantrag erforderlich.**

## Assembly instructions for single wall system eka complex Europ E

The single wall stainless steel system eka complex Europ E serves the derivation of exhaust gases from boilers which are operated by oil, natural, gas or solid fuels. It is to be inserted in a chimney or in a shaft which must correspond to the requirements of the national directions, f.e. EN 13384-1/2.

Before starting the installation of the inliners the available chimney is to be cleaned.

The single length elements are to be connected.

A locking band is necessary. Inside the locking band KIV ceramic paste is to be applied. The material thickness is at least 1.0 mm. The stiff elements are made from stainless steel with the material numbers 1.4404 (AISI 316L). The installation length of the length element L 10 is 1060 mm. Shorter lengths are possible by use of the length elements L5 (installation length amounts to 520 mm)

Use as a chimney  
for oil gas fuel and festival fuel -  
Warm producer  
Subpressure

or the length elements L3 (installation length amounts to 340 mm).

The connections must be clean. In the connection pipe, locking bands are required (KIV). Before every elbow a compensator is to be installed. In principle all components are suitable as a wet chimney system.

Condensate inside of the chimney is to be channeled away according to the regulations of the ATV - memorandum M 251 „condensates from condensing boilers“ in version November, 1998 .

The chimney may be obliquely led. Elbows to max. of 90 ° (better until 45°) are allowed. Start construction by joining condensate collector with drain/ inspection length/ T- element. In order to achieve this the mineral shaft is to be opened in the area concerned. Now from the top of the chimney beginning with the length element with montage fitting the necessary pipes are let down by rope. If necessary a upper inspection length is inserted in the roof area (it is possible to implement PH 14, if necessary with diffusion barrier, recommended here is, nevertheless, the implementation P, proof up to 200 ° C). Every approx. 2-3 m lengths with wall distancer should be mounted in order to center the pipe in the shaft. Finally the terminal kit (with ventilation) is to be fastened on the chimney's top.

Provisions for a possible thermally induced length expansion of the chimney are to be taken. By using the terminal kit with ventilation AEH2 the free-standing uppermost length element is to be cut to the necessary measure and the rain collar is to be mounted.

Furthermore the chimney head is to be sealed along with the terminal kit in such a way that rain cannot penetrate into the remaining ring gap.

The T- element is to be covered at the opening of the mineral shaft to the connecting pipe with mineral wool wraps and afterwards the opening is closed again. In front of the inspection lengths to be inserted into the mineral shaft stainless steel doors are to be mounted (with or without shaft).

By using as a chimney for solid fuel - boilers – (operating mode negative pressure) it is recommended to insulate the lengths elements with insulating pipes. Ventilation is not necessary. It is recommended to insert no smaller diameters than 150 mm (soot depositions). The distance between the outside of the inliner and the inside of the chimney / shaft must amount to at least 10 mm (negative pressure) / 20 mm (positive pressure).

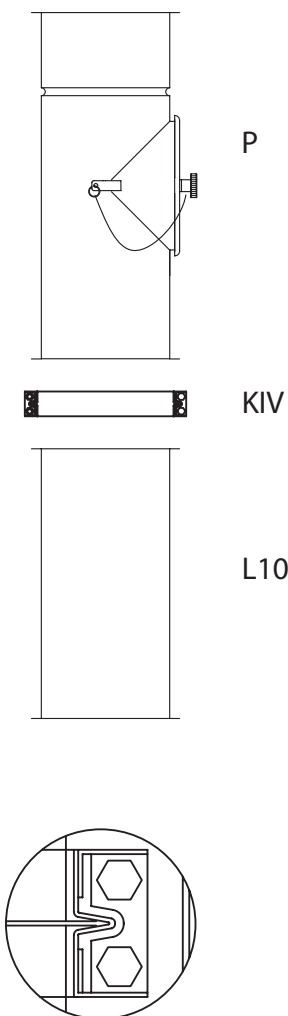
When using a chimney for oil - and gas boilers - (operating mode negative pressure) an isolation of the exhaust gas management for temperature reasons is necessary. Nevertheless, it is recommended to use an isolation of the inliner for the decrease of noises . Ventilation is not necessary, it is , however, recommended. The distance between the outside of the inliner and the inside of the chimney / shaft must amount to at least 10 mm.

Authoritative for the implementation of the facility are the statements made in the product information section of the “Declaration of Conformity”:

**CE: D-00 36 CPD 90216 010/2004**

The facility is to be declared before the start of construction work with the responsible district master chimney sweeper.

installation instructions



Detail

## Notice de montage du système simple paroi eka complex Europ E

Le système eka complexe Europ E est un conduit de cheminée en inox simple paroi. Le système E peut être utilisé pour l'évacuation des fumées ou des gaz d'échappement de tout type de chaudière. Il pourra être utilisé soit seul ou en tubage dans un conduit maçonné existant. Il y a lieu de se conformer scrupuleusement au DTU en vigueur.

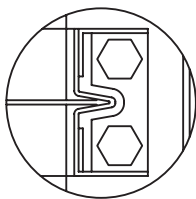
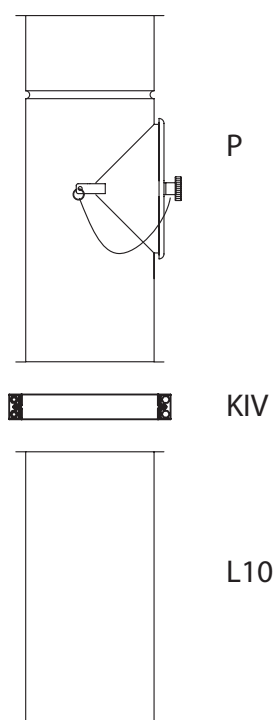
De plus est indispensable d'effectuer toutes les opérations préalables prévues par le DTU 24.1 et suivants portant notamment sur le ramonage, débistrage, vérification stabilité etc., EN 13384-1/2.

Les différents éléments connectés. Des colliers d'assemblages ne sont pas nécessaires. L'épaisseur de l'inox 316 utilisé est d'au moins 1,0 mm. Dans le KIV verrouillant de bande pâte en céramique est être appliquée.

Les éléments droits L10 ont une longueur de 1060 mm. Les éléments plus courts sont disponibles, L5 (longueur utile de 520 mm) ou L3 (longueur utile de 340 mm). Chaque enfonce la connexion est être mécaniquement durcie. Dans le tuyau de connexion, colliers de fixation sont exigés (KIV). Avant que chaque coude un compensateur est être installé.

Par principe tous les éléments du système sont adaptés en milieu humide.

instructions d'installation



Detail

Un schéma de principe reproduit ci-contre précise l'ordre de montage. Commencer par le pot d'évacuation des condensat (K), puis la trappe de visite (PH, P) (2 selon la région une en bas et 1 en haut) avec sa porte d'accès, ensuite le té de raccordement (F90H, F90). Utilisez ensuite autant de longueur droites que nécessaires en prévoyant les longueurs avec anneaux de centrages tous les 3 mètres. Pour faciliter la descente du conduit optez pour le premier élément avec anneau de descente. Les références indiquées à titre d'exemple, sont les plus utilisées, vérifiez, quelles soient bien adaptées à votre chantier.

Techniquement le système E est utilisable en oblique voire jusqu'en horizontal 90° (mieux max. 45°). Cependant des fixations supplémentaires seront alors nécessaires reportez vous au "tableau des distances et hauteurs statiques max. entre fixations".

Comme tout conduit de cheminée, il doit être installé par un professionnel qualifié en fumisterie. Il respectera scrupuleusement le DTU Français. Il respectera les distances de sécurité, Il s'assurera notamment que tous les éléments du système E et les diamètres préconisés sont bien adaptés à la chaudière dont il souhaite évacuer les fumées. Au besoin il prendra contact avec le service technique d'eka pour en obtenir une confirmation écrite.

Les directives techniques des pays concernés pourraient être plus restrictives que les possibilités techniques de nos conduits.

Dans tous les cas il y a lieu avant montage de prendre l'avis technique du maître ramoneur géographiquement compétent.





## Manuale di motaggio per sistemi eka a monoparete

Il sistema "eka complex Ebron E" è stato sviluppato come sistema di scarico fumi da impianti termici alimentati a gas, gasolio o combustibili solidi. È da installare in un alveolo tecnico che rispetta le distanze minime e la normativa. Prima dell'installazione del camino è consigliato di pulire l'alveolo tecnico, EN 13384-1/2.

I singoli moduli ed elementi del camino vengono infilati l'uno col altro. Sono necessarie delle fascette di fissaggio. Nel KIV di banda chiude a chiave pasta di ceramica è essere applicato. Il spessore minimo del materiale del camino è di 1,0 mm. Viene usata la qualità dell'acciaio 1.4404. La lunghezza del modulo lineare L10 è di 1060 mm. Distanze più corte sono da ottenere usando i moduli lineari L5 (lunghezza 520 mm), L3 (lunghezza 340 mm). In generale Ogni collegamento conficcato è essere meccanicamente indurito. I collegamenti conficcati devono essere puliti. Nel tubo di collegamento, fascietta di fissaggio sono richiesti (KIV). Prima che

ogni gomito un compensatore è essere installato. In generale ogni singolo modulo o elemento è insensibile all'umidità. L'acqua di condensa formata deve essere dedotta rispetto l'assegnazione dell'ATV foglio M251 "caldaie a condensazione"-Esemplare novembre 1998 dell'associazione dell'economia di acqua, acqua di scarico e rifiuti e. V.

Sistemi di scarico fumi installati diagonalmente sono ammessi se rispettano l'immatricolazione e le norme vigenti. Il sistema può essere installato diagonalmente con gomiti fino a 90° (raccomandata max. 45°). L'installazione del sistema scarico fumi viene iniziata col montare la coppa raccogli condensa, l'elemento di ispezione e l'elemento "T". Per il montaggio di questi elementi si deve fare un apertura al alveolo tecnico adatta. Dall'alveolo tecnico vengono inseriti, abbassati i singoli moduli lineari tramite una corda. Il primo modulo lineare deve essere uno col laccio. Se occorre, si deve installare un secondo elemento di ispezione nella zona sottotetto, per esempio un elemento PH 14, ma dove si consiglia l'elemento P fino a 200°C a tenuta stagna. Un modulo lineare con distanziatori deve essere inserito ogni 2-3 m per ottenere la centratura nell' spazio previsto. Un allungamento a cause termiche non è escluso. Dal terminale con areazione AEH2 è da badare che l'ultimo modulo viene tagliato alla lunghezza necessaria e montato il collare anti-pioggia. Oltre questo il terminale e il cappello del camino sono da isolare così, che l'acqua non può entrare nella fessura cerciarla. Alle aperture del muro gli elementi a T vengono isolati e rinchiusi con lana di vetro e poi vengono chiusi le aperture. Dopo il montaggio degli elementi di ispezione nel apposito spazio devono essere inserite le apposite porticine di ispezione, porticine di ispezione con cornice o porticine di ispezione con cornice regolabile in acciaio inox.

Se vengono collegati generatori di calore a biomassa è consigliato l'isolazione dei vari moduli e elementi in acciaio inox con lana di vetro con uno spessore non inferiore di 15 mm. L'isolazione è da centrare ogni 3 m tramite distanziali. Un'areazione è necessaria. La distanza tra l'esterno del modulo e l'interno del apposito spazio deve essere almeno 10 mm (la pressione negativa) / 20 millimetro (la pressione positiva).

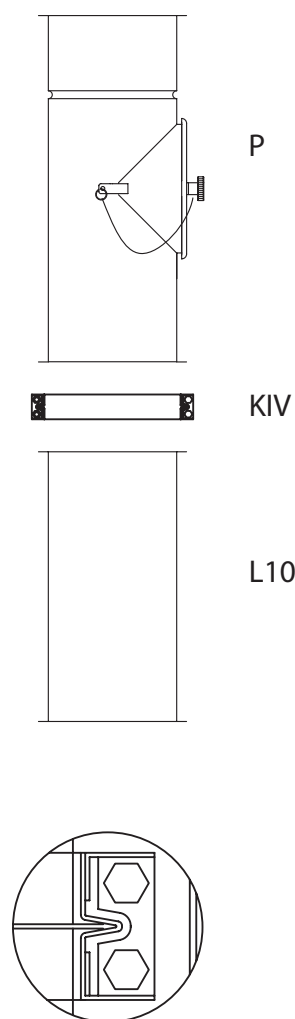
Un areazione del alveolo tecnico è consigliata e si prega di vedere attentamente la normativa in vigore. La distanza tra l'esterno del modulo lineare e l'interno del apposito spazio deve essere di almeno 10 mm.

Autorevole per l'installazione del sistema sono le informazioni del prodotto, e la dichiarazione di conformità e certificazione

**(CE: D-0036 CPD 90216 010 / 2004).**

**L'esecuzione e il montaggio del sistema di scarico fumi-camino è da vedere prima del esecuzione del lavoro coll' spazzacamino di competenza della zona.**

Istruzioni di installazione



Detail



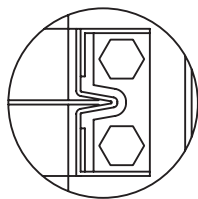
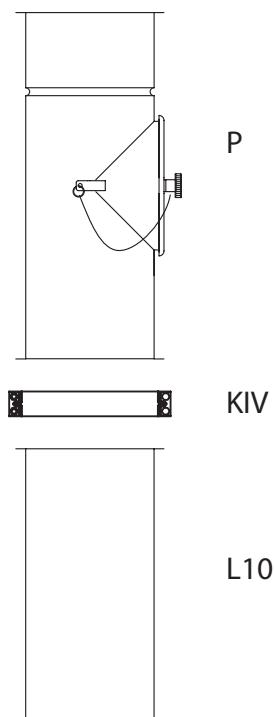


## Одностенная система - инструкция по сборке

Система „комплекс Европ Е“ - это универсальная система отведения отработавших газов из отопительных установок. Ее следует устанавливать в шахту, которая должна отвечать соответствующим требованиям региональных предписаний на пример EN 13384-1/2. До начала установки системы шахту следует прочистить, удалив все неровности и остатки, способные гореть. Отрезки трубы вставляются друг в друга. Крепежные полосы требуются. В полосе захвата KIV должна быть применена керамическая паста. Толщина материала составляет минимум 1,0 мм из нержавеющей стали марки 1.4404. Длина трубы L10 составляет 1060 мм. Для укороченного участка применяется отрезок трубы L5 (длина составляет 520 мм) или отрезок трубы L3 (монтажная длина составляет 340 мм). Каждая прикрепленная связь механически должна быть укреплена. Прикрепленные связи должны быть чистыми. В трубе связи, требуются захватившие полосы (KIV). Перед каждым локтем должен быть установлен компенсатор. Все строительные детали развиты для влагуустойчивых систем. При монтаже системы допускаются участки с наклоном до 90°.

Применение как дымовая труба для отопительных установок на жидком, газообразном и на твёрдом топливе - низкое давление

инсталляционные инструкции



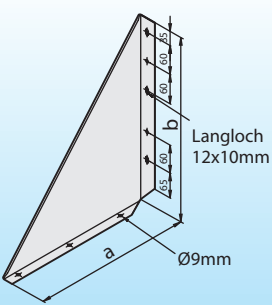
Detail

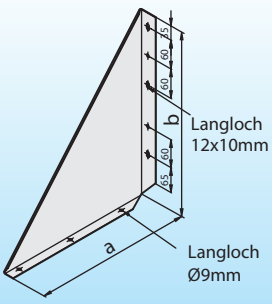
Монтаж системы начинается с комбинации конденсатоотводчик, окошко для осмотра, прочистки и патрубков к газоходу. Затем с верхушки дымохода вниз один за одним начинают с помощью троса опускать элементы трубы, начиная с элемента с петель. Если необходимо, в верхнем участке дымохода устанавливается окошко для осмотра. Возможна установка окошка для осмотра и прочистки для высоких температур PH14 с защитным экраном Diffu. Рекомендуется окошко для осмотра и прочистки P до 200°C (с уплотнительным кольцом до 600°). Каждые 2-3 м следует центрировать систему при помощи центрирующих элементов. В завершение в верхний участок трубы вставляется завершающий элемент (с или без обеспечения вентиляции системы). А для обеспечения вентиляции системы в качестве завершающего элемента следует применять элемент АЕН2, труба следующая за ним укорачивается на соответствующую длину и на ней прикрепляется дождевой козырек. Кроме того, следует проложить гидроизоляцию между краем шахты дымохода и завершающим кожухом во избежание попадания влаги в остающуюся круговую щель. На участках вскрытия шахты и стен патрубки к газоходу следует обернуть минеральной ватой, затем следует вновь закрыть отверстие. Перед тем как установить окошко для осмотра и прочистки следует вставить в шахту стальные дверцы (с рамкой для бетонирования или раздвижной рамкой) 10 мм (отрицательное давление) / 20 мм (положительное давление).

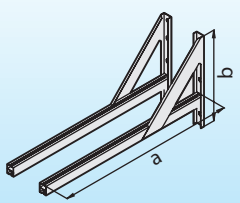
**Соответствует сертификации D-0036 CPD 90216 010/2004**

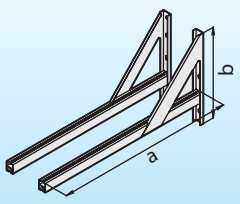
## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

| Wandkonsole<br>5510-Ø-WK | WK                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lg* | Preis |        |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|-----|---|---|-------|-----|-----|-----|---|---|-------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|------|------|------|---|---|--------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          |  | <table> <tr><th>Ø d</th><th>a</th><th>b</th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>330</td><td>430</td><td>-</td><td>-</td><td>75,20</td></tr> <tr><td>200</td><td>380</td><td>480</td><td>-</td><td>-</td><td>97,40</td></tr> <tr><td>250</td><td>430</td><td>535</td><td>-</td><td>-</td><td>107,10</td></tr> <tr><td>300</td><td>480</td><td>590</td><td>-</td><td>-</td><td>134,90</td></tr> <tr><td>350</td><td>530</td><td>620</td><td>-</td><td>-</td><td>147,70</td></tr> <tr><td>400</td><td>580</td><td>650</td><td>-</td><td>-</td><td>163,10</td></tr> <tr><td>500</td><td>460</td><td>710</td><td>-</td><td>-</td><td>209,90</td></tr> <tr><td>600</td><td>780</td><td>760</td><td>-</td><td>-</td><td>238,80</td></tr> <tr><td>800</td><td>980</td><td>900</td><td>-</td><td>-</td><td>378,50</td></tr> <tr><td>1000</td><td>1180</td><td>1000</td><td>-</td><td>-</td><td>476,40</td></tr> </table> | Ø d | a     | b      |  | kg | EUR | 150 | 330 | 430 | - | - | 75,20 | 200 | 380 | 480 | - | - | 97,40 | 250 | 430 | 535 | - | - | 107,10 | 300 | 480 | 590 | - | - | 134,90 | 350 | 530 | 620 | - | - | 147,70 | 400 | 580 | 650 | - | - | 163,10 | 500 | 460 | 710 | - | - | 209,90 | 600 | 780 | 760 | - | - | 238,80 | 800 | 980 | 900 | - | - | 378,50 | 1000 | 1180 | 1000 | - | - | 476,40 |  |  | <p> wall support</p> <p> console murale</p> <p> coppia alette</p> <p> Настенная консоль</p> |
| Ø d                      | a                                                                                 | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     | kg    | EUR    |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 150                      | 330                                                                               | 430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 75,20  |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 200                      | 380                                                                               | 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 97,40  |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 250                      | 430                                                                               | 535                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 107,10 |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 300                      | 480                                                                               | 590                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 134,90 |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 350                      | 530                                                                               | 620                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 147,70 |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                      | 580                                                                               | 650                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 163,10 |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                      | 460                                                                               | 710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 209,90 |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                      | 780                                                                               | 760                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 238,80 |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                      | 980                                                                               | 900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -   | -     | 378,50 |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                     | 1180                                                                              | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -   | -     | 476,40 |  |    |     |     |     |     |   |   |       |     |     |     |   |   |       |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Wandkonsole verstellbar 50 - 90 mm<br>5510-Ø-WKV5 | WKV5                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lg* | Preis |        |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|------|-----|---|---|--------|------|------|------|---|---|--------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                   |  | <table> <tr><th>Ø d</th><th>a</th><th>b</th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>370</td><td>430</td><td>-</td><td>-</td><td>112,80</td></tr> <tr><td>200</td><td>420</td><td>480</td><td>-</td><td>-</td><td>146,00</td></tr> <tr><td>250</td><td>470</td><td>535</td><td>-</td><td>-</td><td>160,60</td></tr> <tr><td>300</td><td>520</td><td>590</td><td>-</td><td>-</td><td>195,30</td></tr> <tr><td>350</td><td>570</td><td>620</td><td>-</td><td>-</td><td>206,20</td></tr> <tr><td>400</td><td>620</td><td>650</td><td>-</td><td>-</td><td>209,40</td></tr> <tr><td>500</td><td>720</td><td>710</td><td>-</td><td>-</td><td>220,60</td></tr> <tr><td>600</td><td>820</td><td>760</td><td>-</td><td>-</td><td>223,40</td></tr> <tr><td>800</td><td>1120</td><td>900</td><td>-</td><td>-</td><td>254,40</td></tr> <tr><td>1000</td><td>1220</td><td>1000</td><td>-</td><td>-</td><td>312,70</td></tr> </table> | Ø d | a     | b      |  | kg | EUR | 150 | 370 | 430 | - | - | 112,80 | 200 | 420 | 480 | - | - | 146,00 | 250 | 470 | 535 | - | - | 160,60 | 300 | 520 | 590 | - | - | 195,30 | 350 | 570 | 620 | - | - | 206,20 | 400 | 620 | 650 | - | - | 209,40 | 500 | 720 | 710 | - | - | 220,60 | 600 | 820 | 760 | - | - | 223,40 | 800 | 1120 | 900 | - | - | 254,40 | 1000 | 1220 | 1000 | - | - | 312,70 |  |  | <p> wall support extension<br/>50 - 90 mm adjustable</p> <p> support mural réglable<br/>50 - 90 mm</p> <p> supporto intermedio<br/>regolabile 50 - 90 mm</p> <p> Настенная консоль<br/>раздвижная 50-90 мм</p> |
| Ø d                                               | a                                                                                  | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     | kg    | EUR    |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 150                                               | 370                                                                                | 430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 112,80 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 200                                               | 420                                                                                | 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 146,00 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 250                                               | 470                                                                                | 535                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 160,60 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 300                                               | 520                                                                                | 590                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 195,30 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 350                                               | 570                                                                                | 620                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 206,20 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 400                                               | 620                                                                                | 650                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 209,40 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 500                                               | 720                                                                                | 710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 220,60 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 600                                               | 820                                                                                | 760                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 223,40 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 800                                               | 1120                                                                               | 900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -   | -     | 254,40 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1000                                              | 1220                                                                               | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -   | -     | 312,70 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |      |      |      |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Wandkonsole, verstellbar 50 - 250 mm<br>5510-Ø-WKVK | WKVK                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lg* | Preis |        |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|------|-----|---|---|--------|-----|------|-----|---|---|--------|-----|---|---|---|---|--------|------|---|---|---|---|--------|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                     |  | <table> <tr><th>Ø d</th><th>a</th><th>b</th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>550</td><td>400</td><td>-</td><td>-</td><td>155,30</td></tr> <tr><td>200</td><td>650</td><td>400</td><td>-</td><td>-</td><td>163,20</td></tr> <tr><td>250</td><td>650</td><td>400</td><td>-</td><td>-</td><td>168,00</td></tr> <tr><td>300</td><td>800</td><td>500</td><td>-</td><td>-</td><td>195,20</td></tr> <tr><td>350</td><td>800</td><td>500</td><td>-</td><td>-</td><td>206,20</td></tr> <tr><td>400</td><td>800</td><td>500</td><td>-</td><td>-</td><td>209,40</td></tr> <tr><td>500</td><td>1050</td><td>500</td><td>-</td><td>-</td><td>220,60</td></tr> <tr><td>600</td><td>1050</td><td>500</td><td>-</td><td>-</td><td>223,40</td></tr> <tr><td>800</td><td>x</td><td>x</td><td>-</td><td>-</td><td>254,40</td></tr> <tr><td>1000</td><td>x</td><td>x</td><td>-</td><td>-</td><td>439,90</td></tr> </table> | Ø d | a     | b      |  | kg | EUR | 150 | 550 | 400 | - | - | 155,30 | 200 | 650 | 400 | - | - | 163,20 | 250 | 650 | 400 | - | - | 168,00 | 300 | 800 | 500 | - | - | 195,20 | 350 | 800 | 500 | - | - | 206,20 | 400 | 800 | 500 | - | - | 209,40 | 500 | 1050 | 500 | - | - | 220,60 | 600 | 1050 | 500 | - | - | 223,40 | 800 | x | x | - | - | 254,40 | 1000 | x | x | - | - | 439,90 |  |  | <p> wall support extension<br/>50 - 250 mm adjustable</p> <p> support mural réglable<br/>50 - 250 mm</p> <p> supporto intermedio<br/>regolabile 50 - 250 mm</p> <p> Настенная консоль<br/>раздвижная 50 - 250 мм</p> |
| Ø d                                                 | a                                                                                   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     | kg    | EUR    |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 150                                                 | 550                                                                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -   | -     | 155,30 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 200                                                 | 650                                                                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -   | -     | 163,20 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 250                                                 | 650                                                                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -   | -     | 168,00 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 300                                                 | 800                                                                                 | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -   | -     | 195,20 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 350                                                 | 800                                                                                 | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -   | -     | 206,20 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 400                                                 | 800                                                                                 | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -   | -     | 209,40 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 500                                                 | 1050                                                                                | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -   | -     | 220,60 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 600                                                 | 1050                                                                                | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -   | -     | 223,40 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 800                                                 | x                                                                                   | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -   | -     | 254,40 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1000                                                | x                                                                                   | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -   | -     | 439,90 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Wandkonsole, verstellbar 100-500 mm<br>5510-Ø-WKVL | WKVL                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lg* | Preis |        |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|-----|-----|---|---|--------|-----|------|-----|---|---|--------|-----|------|-----|---|---|--------|-----|------|-----|---|---|--------|-----|------|-----|---|---|--------|-----|------|-----|---|---|--------|-----|---|---|---|---|--------|------|---|---|---|---|--------|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    |  | <table> <tr><th>Ø d</th><th>a</th><th>b</th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>800</td><td>400</td><td>-</td><td>-</td><td>182,80</td></tr> <tr><td>200</td><td>900</td><td>400</td><td>-</td><td>-</td><td>191,70</td></tr> <tr><td>250</td><td>900</td><td>400</td><td>-</td><td>-</td><td>197,30</td></tr> <tr><td>300</td><td>1050</td><td>500</td><td>-</td><td>-</td><td>229,30</td></tr> <tr><td>350</td><td>1050</td><td>500</td><td>-</td><td>-</td><td>242,00</td></tr> <tr><td>400</td><td>1050</td><td>500</td><td>-</td><td>-</td><td>246,00</td></tr> <tr><td>500</td><td>1250</td><td>500</td><td>-</td><td>-</td><td>260,70</td></tr> <tr><td>600</td><td>1250</td><td>500</td><td>-</td><td>-</td><td>262,60</td></tr> <tr><td>800</td><td>x</td><td>x</td><td>-</td><td>-</td><td>312,70</td></tr> <tr><td>1000</td><td>x</td><td>x</td><td>-</td><td>-</td><td>535,30</td></tr> </table> | Ø d | a     | b      |  | kg | EUR | 150 | 800 | 400 | - | - | 182,80 | 200 | 900 | 400 | - | - | 191,70 | 250 | 900 | 400 | - | - | 197,30 | 300 | 1050 | 500 | - | - | 229,30 | 350 | 1050 | 500 | - | - | 242,00 | 400 | 1050 | 500 | - | - | 246,00 | 500 | 1250 | 500 | - | - | 260,70 | 600 | 1250 | 500 | - | - | 262,60 | 800 | x | x | - | - | 312,70 | 1000 | x | x | - | - | 535,30 |  |  | <p> wall support extension<br/>100 - 500 mm adjustable</p> <p> support mural réglable<br/>100 - 500 mm</p> <p> supporto intermedio<br/>regolabile 100 - 500 mm</p> <p> Настенная консоль<br/>раздвижная 100 - 500 мм</p> |
| Ø d                                                | a                                                                                   | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     | kg    | EUR    |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 150                                                | 800                                                                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   | -     | 182,80 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 200                                                | 900                                                                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   | -     | 191,70 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 250                                                | 900                                                                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   | -     | 197,30 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 300                                                | 1050                                                                                | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   | -     | 229,30 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 350                                                | 1050                                                                                | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   | -     | 242,00 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 400                                                | 1050                                                                                | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   | -     | 246,00 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 500                                                | 1250                                                                                | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   | -     | 260,70 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 600                                                | 1250                                                                                | 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -   | -     | 262,60 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 800                                                | x                                                                                   | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -   | -     | 312,70 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1000                                               | x                                                                                   | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -   | -     | 535,30 |  |    |     |     |     |     |   |   |        |     |     |     |   |   |        |     |     |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |      |     |   |   |        |     |   |   |   |   |        |      |   |   |   |   |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

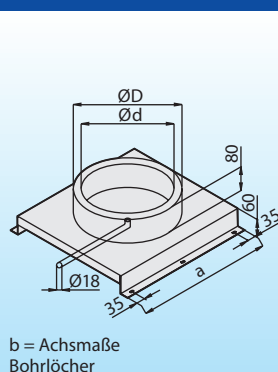
Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

### Bodenplatte m. Kondensatablauf Sockelausführung BKSO 5510-Ø-BKSO

#### Technische Daten

Lg\* Preis



| Ø d  | Ø D  | a    | b    | kg    | EUR    |
|------|------|------|------|-------|--------|
| 150  | 250  | 310  | 285  | 2,53  | 102,90 |
| 200  | 300  | 360  | 335  | 3,23  | 117,70 |
| 250  | 350  | 410  | 385  | 4,00  | 137,10 |
| 300  | 400  | 460  | 435  | 4,86  | 154,90 |
| 350  | 450  | 510  | 485  | 5,79  | 186,20 |
| 400  | 500  | 560  | 535  | 6,81  | 214,90 |
| 500  | 600  | 660  | 635  | 9,08  | 272,60 |
| 600  | 700  | 760  | 735  | 13,63 | 281,10 |
| 800  | 900  | 960  | 935  | 16,83 | 315,90 |
| 1000 | 1100 | 1160 | 1135 | 20,03 | 338,20 |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |

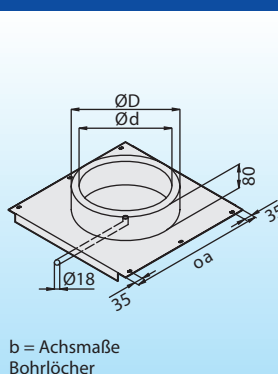
- basic plate with drain, 60 mm high
- plaque de base, 60 mm
- Piastra di partenza con scario di condensa altezza 60 mm
- Напольная плита в цокольном исполнении с конденсатоотводом

### Bodenplatte mit Kondensatablauf 5510-Ø-BPK

#### BPK

#### Technische Daten

Lg\* Preis



| Ø d  | Ø D  | a    | b    | kg    | EUR    |
|------|------|------|------|-------|--------|
| 150  | 250  | 310  | 285  | 2,34  | 87,30  |
| 200  | 300  | 360  | 335  | 3,11  | 100,50 |
| 250  | 350  | 410  | 385  | 3,96  | 110,60 |
| 300  | 400  | 460  | 435  | 4,89  | 123,90 |
| 350  | 450  | 510  | 485  | 5,89  | 148,80 |
| 400  | 500  | 560  | 535  | 6,98  | 172,10 |
| 500  | 600  | 660  | 635  | 9,40  | 218,90 |
| 600  | 700  | 760  | 735  | 14,10 | 225,80 |
| 800  | 900  | 960  | 935  | 18,10 | 318,40 |
| 1000 | 1100 | 1160 | 1135 | 22,11 | 376,30 |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |

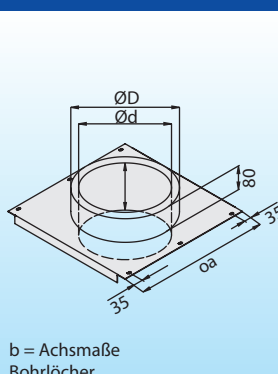
- bottom plate with drain
- plaque de base
- piastro di partenza con raccogli condensa
- Напольная плита с конденсатоотводом

### Bodenplatte für Zwischenstütze 5510-Ø-BPZ

#### BPZ

#### Technische Daten

Lg\* Preis



| Ø d  | Ø D  | a    | b    | kg    | EUR    |
|------|------|------|------|-------|--------|
| 150  | 250  | 310  | 285  | 2,06  | 58,60  |
| 200  | 300  | 360  | 335  | 2,61  | 95,90  |
| 250  | 350  | 410  | 385  | 3,17  | 106,10 |
| 300  | 400  | 460  | 435  | 3,76  | 127,00 |
| 350  | 450  | 510  | 485  | 4,36  | 153,40 |
| 400  | 500  | 560  | 535  | 4,97  | 173,70 |
| 500  | 600  | 660  | 635  | 6,26  | 230,70 |
| 600  | 700  | 760  | 735  | 7,62  | 244,90 |
| 800  | 900  | 960  | 935  | 10,54 | 318,40 |
| 1000 | 1100 | 1160 | 1135 | 15,27 | 376,30 |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |
|      |      |      |      |       |        |

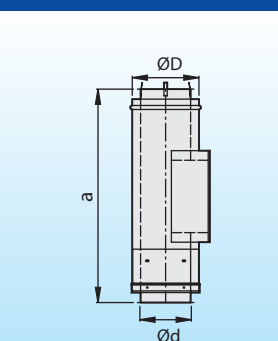
- intermediate plate
- plaque de base intermédiaire
- piastro di partenza per supporto
- Напольная плита для промежуточной опоры

### Prüföffnung Hochtemperatur 5510-Ø-PH

#### PH

#### Technische Daten

Lg\* Preis



| Ø d  | Ø D  | a   | kg    | EUR     |
|------|------|-----|-------|---------|
| 150  | 250  | 600 | 5,82  | 377,60  |
| 200  | 300  | 600 | 7,03  | 446,80  |
| 250  | 350  | 600 | 8,23  | 501,30  |
| 300  | 400  | 600 | 9,44  | 545,30  |
| 350  | 450  | 600 | 10,64 | 597,90  |
| 400  | 500  | 600 | 11,85 | 784,70  |
| 500  | 600  | 600 | 14,26 | 1024,50 |
| 600  | 700  | 600 | 16,67 | 1240,20 |
| 800  | 900  | 600 | 21,50 | 1526,40 |
| 1000 | 1100 | 600 | 26,32 | 1922,90 |
|      |      |     |       |         |
|      |      |     |       |         |
|      |      |     |       |         |
|      |      |     |       |         |
|      |      |     |       |         |

- inspection length, high temperature
- élément d'inspection haute température
- elemento di ispezione per alta temperatura
- Окошко для осмотра, высокие температуры

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

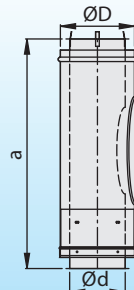
### Prüfföffnung Niedertemperatur 5510-Ø-PN

PN

#### Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a   | kg    | EUR     |
|------|------|-----|-------|---------|
| 150  | 250  | 600 | 4,47  | 407,70  |
| 200  | 300  | 600 | 5,68  | 482,60  |
| 250  | 350  | 600 | 6,88  | 541,80  |
| 300  | 400  | 600 | 8,09  | 589,30  |
| 350  | 450  | 600 | 9,29  | 645,40  |
| 400  | 500  | 600 | 10,50 | 846,80  |
| 500  | 600  | 600 | 12,91 | 1106,20 |
| 600  | 700  | 600 | 15,32 | 1309,10 |
| 800  | 900  | 600 | 20,15 | 1595,30 |
| 1000 | 1100 | 600 | 24,97 | 1987,50 |

inspection length,  
low temperature

element d'inspection,  
basse température

elemento di ispezione,  
basse temperatura

окошко для осмотра,  
низкие температуры

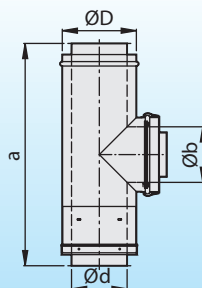
### Prüfföffnung mit Flansch 5510-Ø-PLFL

PLFL

#### Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a   | Ø b | kg    | EUR     |
|------|------|-----|-----|-------|---------|
| 150  | 250  | 580 | 150 | 4,47  | 448,50  |
| 200  | 300  | 630 | 200 | 5,68  | 530,90  |
| 250  | 350  | 680 | 250 | 6,88  | 596,00  |
| 300  | 400  | 730 | 300 | 8,09  | 648,20  |
| 350  | 450  | 730 | 300 | 9,29  | 710,00  |
| 400  | 500  | 730 | 300 | 10,50 | 931,20  |
| 500  | 600  | 730 | 300 | 12,91 | 1216,80 |
| 600  | 700  | 730 | 300 | 15,32 | 1473,40 |
| 800  | 900  | 730 | 300 | 20,15 | 1632,40 |
| 1000 | 1100 | 730 | 300 | 24,97 | 1738,40 |

inspection length,  
with flange

element d'inspection,  
avec la bride

elemento di ispezione,  
con la flangia

окошко для осмотра,  
открывающимся гребнем

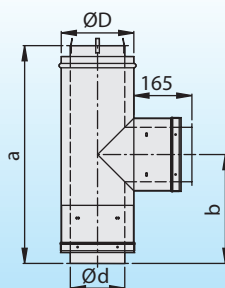
### Feuerungsanschluß 90° 5510-Ø-F90

F90

#### Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a   | b   | kg    | EUR     |
|------|------|-----|-----|-------|---------|
| 150  | 250  | 580 | 290 | 5,20  | 238,10  |
| 200  | 300  | 630 | 315 | 6,74  | 329,20  |
| 250  | 350  | 680 | 340 | 8,78  | 383,70  |
| 300  | 400  | 730 | 365 | 11,03 | 466,10  |
| 350  | 450  | 730 | 365 | 13,47 | 542,60  |
| 400  | 500  | 730 | 365 | 16,12 | 658,50  |
| 500  | 600  | 730 | 365 | 22,02 | 860,10  |
| 600  | 700  | 730 | 365 | 28,72 | 1130,30 |
| 800  | 900  | 730 | 365 | 37,81 | 2268,40 |
| 1000 | 1100 | 730 | 365 | 46,89 | 3052,80 |

T-90°

T-90°

Raccordo a T 90°

Патрубок 90° к газоходу для

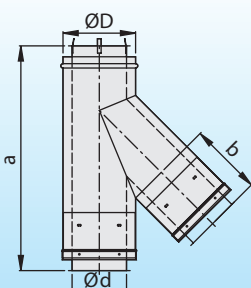
### Feuerungsanschluß 45° 5510-Ø-F45

F45

#### Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a    | b   | kg    | EUR     |
|------|------|------|-----|-------|---------|
| 150  | 250  | 680  | 165 | 5,83  | 319,90  |
| 200  | 300  | 720  | 165 | 8,30  | 411,80  |
| 250  | 350  | 825  | 165 | 11,15 | 497,20  |
| 300  | 400  | 900  | 165 | 14,46 | 614,90  |
| 350  | 450  | 965  | 165 | 18,07 | 700,60  |
| 400  | 500  | 1040 | 165 | 22,23 | 1079,00 |
| 500  | 600  | 1180 | 165 | 31,19 | 1410,60 |
| 600  | 700  | 1320 | 165 | 40,67 | 2114,70 |
| 800  | 900  | 1600 | 165 | 53,60 | 2851,40 |
| 1000 | 1100 | 1890 | 165 | 66,52 | 3657,00 |

T-45°, isolated

Té de Raccordement  
45°, isolé

T 45° isolato

Патрубок 45°  
к газоходу

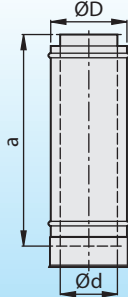
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

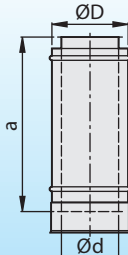


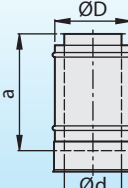
## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

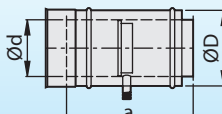
Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

| Längenelement 1060 mm<br>5510-Ø-L10                                               |      | L10  | Technische Daten |       | Lg*     | Preis                                                                                                        |  |
|-----------------------------------------------------------------------------------|------|------|------------------|-------|---------|--------------------------------------------------------------------------------------------------------------|--|
|  | Ø d  | Ø D  | a                | kg    | EUR     |  length 1060 mm           |  |
|                                                                                   | 150  | 250  | 1060             | 8,14  | 182,40  |                                                                                                              |  |
|                                                                                   | 200  | 300  | 1060             | 10,31 | 238,90  |  élément droit 1060 mm    |  |
|                                                                                   | 250  | 350  | 1060             | 12,48 | 319,20  |                                                                                                              |  |
|                                                                                   | 300  | 400  | 1060             | 14,65 | 389,20  |  modulo lineare L=1060 mm |  |
|                                                                                   | 350  | 450  | 1060             | 16,82 | 525,40  |                                                                                                              |  |
|                                                                                   | 400  | 500  | 1060             | 18,99 | 614,30  |                                                                                                              |  |
|                                                                                   | 500  | 600  | 1060             | 23,33 | 681,10  |                                                                                                              |  |
|                                                                                   | 600  | 700  | 1060             | 27,67 | 839,60  |                                                                                                              |  |
|                                                                                   | 800  | 900  | 1060             | 36,35 | 1051,60 |  Труба 1060 мм            |  |
|                                                                                   | 1000 | 1100 | 1060             | 45,04 | 1339,90 |                                                                                                              |  |
|                                                                                   |      |      |                  |       |         |                                                                                                              |  |
|                                                                                   |      |      |                  |       |         |                                                                                                              |  |

| Längenelement 520 mm<br>5510-Ø-L5                                                  |      | L5   | Technische Daten |       |         | Lg*                                                                                                         | Preis |  |
|------------------------------------------------------------------------------------|------|------|------------------|-------|---------|-------------------------------------------------------------------------------------------------------------|-------|--|
|  | Ø d  | Ø D  | a                | kg    | EUR     |  length 520 mm           |       |  |
|                                                                                    | 150  | 250  | 510              | 4,07  | 104,90  |                                                                                                             |       |  |
|                                                                                    | 200  | 300  | 510              | 5,15  | 136,20  |  élément droit 520 mm    |       |  |
|                                                                                    | 250  | 350  | 510              | 6,24  | 181,20  |                                                                                                             |       |  |
|                                                                                    | 300  | 400  | 510              | 7,32  | 220,30  |  modulo lineare L=520 mm |       |  |
|                                                                                    | 350  | 450  | 510              | 8,41  | 298,80  |                                                                                                             |       |  |
|                                                                                    | 400  | 500  | 510              | 9,50  | 352,60  |  Труба 520 мм          |       |  |
|                                                                                    | 500  | 600  | 510              | 11,67 | 416,40  |                                                                                                             |       |  |
|                                                                                    | 600  | 700  | 510              | 13,84 | 565,00  |                                                                                                             |       |  |
|                                                                                    | 800  | 900  | 510              | 18,18 | 782,30  |                                                                                                             |       |  |
|                                                                                    | 1000 | 1100 | 510              | 22,52 | 1051,60 |                                                                                                             |       |  |
|                                                                                    |      |      |                  |       |         |                                                                                                             |       |  |

| Längenelement 340 mm<br>5510-Ø-L3                                                   |      | L3   | Technische Daten |       |        | Lg*                                                                                   | Preis                   |  |
|-------------------------------------------------------------------------------------|------|------|------------------|-------|--------|---------------------------------------------------------------------------------------|-------------------------|--|
|  | Ø d  | Ø D  | a                | kg    | EUR    |  | length 340 mm           |  |
|                                                                                     | 150  | 250  | 330              | 2,71  | 80,00  |                                                                                       |                         |  |
|                                                                                     | 200  | 300  | 330              | 3,44  | 101,90 |                                                                                       |                         |  |
|                                                                                     | 250  | 350  | 330              | 4,16  | 135,30 |                                                                                       |                         |  |
|                                                                                     | 300  | 400  | 330              | 4,88  | 182,60 |  | élément de droit 340 mm |  |
|                                                                                     | 350  | 450  | 330              | 5,61  | 217,20 |                                                                                       |                         |  |
|                                                                                     | 400  | 500  | 330              | 6,33  | 309,90 |                                                                                       |                         |  |
|                                                                                     | 500  | 600  | 330              | 7,78  | 369,90 |  | modulo lineare L=340 mm |  |
|                                                                                     | 600  | 700  | 330              | 9,22  | 485,50 |                                                                                       |                         |  |
|                                                                                     | 800  | 900  | 330              | 12,12 | 650,90 |                                                                                       |                         |  |
|                                                                                     | 1000 | 1100 | 330              | 15,01 | 860,80 |  | Труба 340 мм            |  |
|                                                                                     |      |      |                  |       |        |                                                                                       |                         |  |

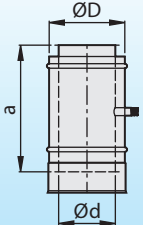
| Längenelement 330 mm mit Kondensatablauf, waagrecht<br>5510-Ø-L3DV                  |      | L3DV |     | Technische Daten |        | Lg*                                                                                   | Preis                                                   |  |
|-------------------------------------------------------------------------------------|------|------|-----|------------------|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------|--|
|  | Ø d  | Ø D  | a   | kg               | EUR    |  | length 330 mm with drain,<br>horizontal                 |  |
|                                                                                     | 150  | 250  | 330 | 2,71             | 177,40 |                                                                                       |                                                         |  |
|                                                                                     | 200  | 300  | 330 | 3,44             | 199,30 |  | element 330 mm, decanteur<br>de condensats, horizontale |  |
|                                                                                     | 250  | 350  | 330 | 4,16             | 232,60 |                                                                                       |                                                         |  |
|                                                                                     | 300  | 400  | 330 | 4,88             | 280,20 |  | modulo 330 mm con scarico<br>di condensa, orizzontale   |  |
|                                                                                     | 350  | 450  | 330 | 5,61             | 314,40 |                                                                                       |                                                         |  |
|                                                                                     | 400  | 500  | 330 | 6,33             | 407,10 |                                                                                       |                                                         |  |
|                                                                                     | 500  | 600  | 330 | 7,78             | 497,40 |                                                                                       |                                                         |  |
|                                                                                     | 600  | 700  | 330 | 9,22             | 546,00 |                                                                                       |                                                         |  |
|                                                                                     | 800  | 900  | 330 | 12,12            | 593,60 |  | труба 330 мм с<br>конденсатоотводом,<br>горизонтальный  |  |
|                                                                                     | 1000 | 1100 | 330 | 15,01            | 589,00 |                                                                                       |                                                         |  |
|                                                                                     |      |      |     |                  |        |                                                                                       |                                                         |  |

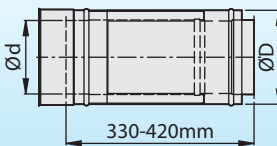
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

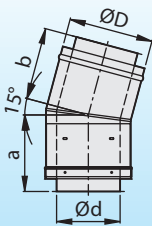


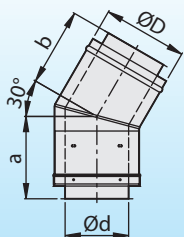
## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

| Längenelement 330 mm mit Meßstutzen<br>5510-Ø-LM                                  |      | LM   | Technische Daten |  | Lg*   | Preis  |                                                                                                                          |
|-----------------------------------------------------------------------------------|------|------|------------------|--|-------|--------|--------------------------------------------------------------------------------------------------------------------------|
|  | Ø d  | Ø D  | a                |  | kg    | EUR    |  length with measuring opening        |
|                                                                                   | 150  | 250  | 330              |  | 2,71  | 142,40 |                                                                                                                          |
|                                                                                   | 200  | 300  | 330              |  | 3,44  | 164,30 |  élément droit avec manchon de mesure |
|                                                                                   | 250  | 350  | 330              |  | 4,16  | 197,60 |                                                                                                                          |
|                                                                                   | 300  | 400  | 330              |  | 4,88  | 245,20 |  modulo prelievo fumi                 |
|                                                                                   | 350  | 450  | 330              |  | 5,61  | 279,40 |                                                                                                                          |
|                                                                                   | 400  | 500  | 330              |  | 6,33  | 372,10 |                                                                                                                          |
|                                                                                   | 500  | 600  | 330              |  | 7,78  | 462,40 |                                                                                                                          |
|                                                                                   | 600  | 700  | 330              |  | 9,22  | 545,90 |                                                                                                                          |
|                                                                                   | 800  | 900  | 330              |  | 12,12 | 698,60 |  Труба с штуцером для измерений       |
|                                                                                   | 1000 | 1100 | 330              |  | 15,01 | 819,40 |                                                                                                                          |
|                                                                                   |      |      |                  |  |       |        |                                                                                                                          |
|                                                                                   |      |      |                  |  |       |        |                                                                                                                          |
|                                                                                   |      |      |                  |  |       |        |                                                                                                                          |
|                                                                                   |      |      |                  |  |       |        |                                                                                                                          |
|                                                                                   |      |      |                  |  |       |        |                                                                                                                          |

| Längenausgleichselement 330 - 420 mm, Unterdruck<br>5510-Ø-LA                      |      | Technische Daten |  |  |       | Lg*     | Preis                                                                                 |                                                                  |
|------------------------------------------------------------------------------------|------|------------------|--|--|-------|---------|---------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | Ø d  | Ø D              |  |  | kg    | EUR     |    | adjustable length<br>330 - 420 mm,<br>negative pressure          |
|                                                                                    | 150  | 250              |  |  | 3,77  | 164,80  |                                                                                       |                                                                  |
|                                                                                    | 200  | 300              |  |  | 4,77  | 208,60  |                                                                                       |                                                                  |
|                                                                                    | 250  | 350              |  |  | 5,78  | 275,40  |                                                                                       |                                                                  |
|                                                                                    | 300  | 400              |  |  | 6,78  | 370,40  |                                                                                       |                                                                  |
|                                                                                    | 350  | 450              |  |  | 7,79  | 438,90  |    | élément adaptable de<br>330- 420 mm,<br>pression négative        |
|                                                                                    | 400  | 500              |  |  | 8,79  | 624,30  |                                                                                       |                                                                  |
|                                                                                    | 500  | 600              |  |  | 10,80 | 804,00  |                                                                                       |                                                                  |
|                                                                                    | 600  | 700              |  |  | 12,81 | 863,90  |  | modulo regolabile da<br>330- 420 mm,<br>la pressione negativa    |
|                                                                                    | 800  | 900              |  |  | 16,83 | 957,20  |                                                                                       |                                                                  |
|                                                                                    | 1000 | 1100             |  |  | 20,85 | 1282,60 |  | Компенсационная труба<br>330 - 420 мм,<br>отрицательное давление |
|                                                                                    |      |                  |  |  |       |         |                                                                                       |                                                                  |

| Bogen 15°<br>5510-Ø-B15 | B15                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
|-------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|------------------------------------------------------------------------------|
|                         |  | <table> <tr><th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>180</td><td>180</td><td>2,20</td><td>120,50</td></tr> <tr><td>200</td><td>300</td><td>185</td><td>185</td><td>2,86</td><td>139,30</td></tr> <tr><td>250</td><td>350</td><td>190</td><td>190</td><td>3,54</td><td>154,70</td></tr> <tr><td>300</td><td>400</td><td>190</td><td>190</td><td>4,23</td><td>212,60</td></tr> <tr><td>350</td><td>450</td><td>195</td><td>195</td><td>4,89</td><td>239,70</td></tr> <tr><td>400</td><td>500</td><td>200</td><td>200</td><td>5,73</td><td>272,40</td></tr> <tr><td>500</td><td>600</td><td>205</td><td>205</td><td>7,30</td><td>321,60</td></tr> <tr><td>600</td><td>700</td><td>210</td><td>210</td><td>8,81</td><td>577,70</td></tr> <tr><td>800</td><td>900</td><td>225</td><td>225</td><td>11,85</td><td>1219,00</td></tr> <tr><td>1000</td><td>1100</td><td>240</td><td>240</td><td>14,68</td><td>1378,00</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 180 | 180 | 2,20 | 120,50 | 200 | 300 | 185 | 185 | 2,86 | 139,30 | 250 | 350 | 190 | 190 | 3,54 | 154,70 | 300 | 400 | 190 | 190 | 4,23 | 212,60 | 350 | 450 | 195 | 195 | 4,89 | 239,70 | 400 | 500 | 200 | 200 | 5,73 | 272,40 | 500 | 600 | 205 | 205 | 7,30 | 321,60 | 600 | 700 | 210 | 210 | 8,81 | 577,70 | 800 | 900 | 225 | 225 | 11,85 | 1219,00 | 1000 | 1100 | 240 | 240 | 14,68 | 1378,00 |  |  | <p> elbow 15°</p> <p> coude 15°</p> <p> gomito 15° con</p> <p> Отвод 15°</p> |
| Ø d                     | Ø D                                                                                 | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 150                     | 250                                                                                 | 180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 180 | 2,20  | 120,50  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 200                     | 300                                                                                 | 185                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 185 | 2,86  | 139,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 250                     | 350                                                                                 | 190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 190 | 3,54  | 154,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 300                     | 400                                                                                 | 190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 190 | 4,23  | 212,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 350                     | 450                                                                                 | 195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 195 | 4,89  | 239,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 400                     | 500                                                                                 | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 200 | 5,73  | 272,40  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 500                     | 600                                                                                 | 205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 205 | 7,30  | 321,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 600                     | 700                                                                                 | 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 210 | 8,81  | 577,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 800                     | 900                                                                                 | 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 225 | 11,85 | 1219,00 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |
| 1000                    | 1100                                                                                | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 240 | 14,68 | 1378,00 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                              |

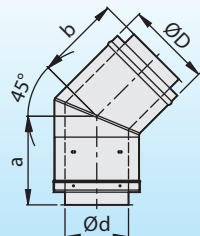
| Bogen 30°<br>5510-Ø-B30 | B30                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
|-------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|--------------------------------------------------------------------------|
|                         |  | <table> <tr><th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>200</td><td>200</td><td>2,46</td><td>120,50</td></tr> <tr><td>200</td><td>300</td><td>205</td><td>205</td><td>3,25</td><td>139,30</td></tr> <tr><td>250</td><td>350</td><td>210</td><td>210</td><td>4,09</td><td>154,70</td></tr> <tr><td>300</td><td>400</td><td>220</td><td>220</td><td>4,99</td><td>212,60</td></tr> <tr><td>350</td><td>450</td><td>225</td><td>225</td><td>5,92</td><td>239,70</td></tr> <tr><td>400</td><td>500</td><td>230</td><td>230</td><td>6,93</td><td>272,40</td></tr> <tr><td>500</td><td>600</td><td>245</td><td>245</td><td>9,07</td><td>321,60</td></tr> <tr><td>600</td><td>700</td><td>260</td><td>260</td><td>11,48</td><td>577,70</td></tr> <tr><td>800</td><td>900</td><td>285</td><td>285</td><td>15,08</td><td>1335,60</td></tr> <tr><td>1000</td><td>1100</td><td>315</td><td>315</td><td>18,68</td><td>1505,20</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 200 | 200 | 2,46 | 120,50 | 200 | 300 | 205 | 205 | 3,25 | 139,30 | 250 | 350 | 210 | 210 | 4,09 | 154,70 | 300 | 400 | 220 | 220 | 4,99 | 212,60 | 350 | 450 | 225 | 225 | 5,92 | 239,70 | 400 | 500 | 230 | 230 | 6,93 | 272,40 | 500 | 600 | 245 | 245 | 9,07 | 321,60 | 600 | 700 | 260 | 260 | 11,48 | 577,70 | 800 | 900 | 285 | 285 | 15,08 | 1335,60 | 1000 | 1100 | 315 | 315 | 18,68 | 1505,20 |  |  | <p> elbow 30°</p> <p> coude 30°</p> <p> gomito 30°</p> <p> Отвод 30°</p> |
| Ø d                     | Ø D                                                                                 | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 150                     | 250                                                                                 | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 200 | 2,46  | 120,50  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 200                     | 300                                                                                 | 205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 205 | 3,25  | 139,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 250                     | 350                                                                                 | 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 210 | 4,09  | 154,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 300                     | 400                                                                                 | 220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 220 | 4,99  | 212,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 350                     | 450                                                                                 | 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 225 | 5,92  | 239,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 400                     | 500                                                                                 | 230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 230 | 6,93  | 272,40  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 500                     | 600                                                                                 | 245                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 245 | 9,07  | 321,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 600                     | 700                                                                                 | 260                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 260 | 11,48 | 577,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 800                     | 900                                                                                 | 285                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 285 | 15,08 | 1335,60 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |
| 1000                    | 1100                                                                                | 315                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 315 | 18,68 | 1505,20 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                          |

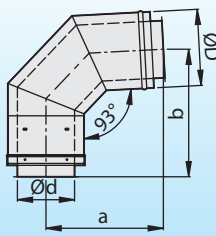
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

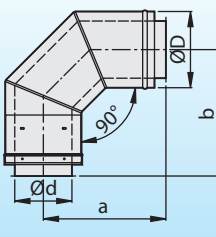
## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

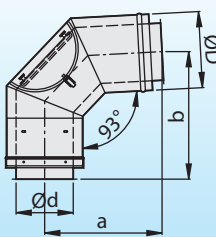
Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

| Bogen 45°<br>5510-Ø-B45 | B45                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |  | <table> <tr> <th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>215</td><td>215</td><td>2,74</td><td>120,50</td></tr> <tr><td>200</td><td>300</td><td>225</td><td>225</td><td>3,67</td><td>139,30</td></tr> <tr><td>250</td><td>350</td><td>240</td><td>240</td><td>4,67</td><td>154,70</td></tr> <tr><td>300</td><td>400</td><td>245</td><td>245</td><td>5,78</td><td>212,60</td></tr> <tr><td>350</td><td>450</td><td>260</td><td>260</td><td>6,95</td><td>239,70</td></tr> <tr><td>400</td><td>500</td><td>270</td><td>270</td><td>8,23</td><td>272,40</td></tr> <tr><td>500</td><td>600</td><td>290</td><td>290</td><td>10,97</td><td>321,60</td></tr> <tr><td>600</td><td>700</td><td>310</td><td>310</td><td>14,09</td><td>598,90</td></tr> <tr><td>800</td><td>900</td><td>350</td><td>350</td><td>18,51</td><td>1431,00</td></tr> <tr><td>1000</td><td>1100</td><td>390</td><td>390</td><td>22,93</td><td>1674,80</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 215 | 215 | 2,74 | 120,50 | 200 | 300 | 225 | 225 | 3,67 | 139,30 | 250 | 350 | 240 | 240 | 4,67 | 154,70 | 300 | 400 | 245 | 245 | 5,78 | 212,60 | 350 | 450 | 260 | 260 | 6,95 | 239,70 | 400 | 500 | 270 | 270 | 8,23 | 272,40 | 500 | 600 | 290 | 290 | 10,97 | 321,60 | 600 | 700 | 310 | 310 | 14,09 | 598,90 | 800 | 900 | 350 | 350 | 18,51 | 1431,00 | 1000 | 1100 | 390 | 390 | 22,93 | 1674,80 |  |  | <p> Elbow 45°</p> <p> coude 45°</p> <p> gomito 45°</p> <p> Отвод 45°</p> |
| Ø d                     | Ø D                                                                               | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 150                     | 250                                                                               | 215                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 215 | 2,74  | 120,50  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 200                     | 300                                                                               | 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 225 | 3,67  | 139,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 250                     | 350                                                                               | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 240 | 4,67  | 154,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 300                     | 400                                                                               | 245                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 245 | 5,78  | 212,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 350                     | 450                                                                               | 260                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 260 | 6,95  | 239,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 400                     | 500                                                                               | 270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 270 | 8,23  | 272,40  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 500                     | 600                                                                               | 290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 290 | 10,97 | 321,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 600                     | 700                                                                               | 310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 310 | 14,09 | 598,90  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 800                     | 900                                                                               | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 350 | 18,51 | 1431,00 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1000                    | 1100                                                                              | 390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 390 | 22,93 | 1674,80 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Bogen 93°<br>5510-Ø-B93 | B93                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |  | <table> <tr> <th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>345</td><td>365</td><td>4,21</td><td>270,00</td></tr> <tr><td>200</td><td>300</td><td>370</td><td>390</td><td>5,72</td><td>307,50</td></tr> <tr><td>250</td><td>350</td><td>400</td><td>420</td><td>7,38</td><td>351,60</td></tr> <tr><td>300</td><td>400</td><td>415</td><td>440</td><td>9,25</td><td>423,40</td></tr> <tr><td>350</td><td>450</td><td>445</td><td>470</td><td>11,26</td><td>470,10</td></tr> <tr><td>400</td><td>500</td><td>470</td><td>495</td><td>13,47</td><td>531,70</td></tr> <tr><td>500</td><td>600</td><td>515</td><td>545</td><td>18,30</td><td>649,30</td></tr> <tr><td>600</td><td>700</td><td>565</td><td>595</td><td>23,83</td><td>969,90</td></tr> <tr><td>800</td><td>900</td><td>640</td><td>670</td><td>31,30</td><td>1860,30</td></tr> <tr><td>1000</td><td>1100</td><td>715</td><td>750</td><td>38,87</td><td>2067,00</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 345 | 365 | 4,21 | 270,00 | 200 | 300 | 370 | 390 | 5,72 | 307,50 | 250 | 350 | 400 | 420 | 7,38 | 351,60 | 300 | 400 | 415 | 440 | 9,25 | 423,40 | 350 | 450 | 445 | 470 | 11,26 | 470,10 | 400 | 500 | 470 | 495 | 13,47 | 531,70 | 500 | 600 | 515 | 545 | 18,30 | 649,30 | 600 | 700 | 565 | 595 | 23,83 | 969,90 | 800 | 900 | 640 | 670 | 31,30 | 1860,30 | 1000 | 1100 | 715 | 750 | 38,87 | 2067,00 |  |  | <p> Elbow 93°</p> <p> coude 93°</p> <p> gomito 93°</p> <p> Отвод 93°</p> |
| Ø d                     | Ø D                                                                                | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 150                     | 250                                                                                | 345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 365 | 4,21  | 270,00  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 200                     | 300                                                                                | 370                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 390 | 5,72  | 307,50  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 250                     | 350                                                                                | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 420 | 7,38  | 351,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 300                     | 400                                                                                | 415                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 440 | 9,25  | 423,40  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 350                     | 450                                                                                | 445                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 470 | 11,26 | 470,10  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 400                     | 500                                                                                | 470                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 495 | 13,47 | 531,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 500                     | 600                                                                                | 515                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 545 | 18,30 | 649,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 600                     | 700                                                                                | 565                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 595 | 23,83 | 969,90  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 800                     | 900                                                                                | 640                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 670 | 31,30 | 1860,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1000                    | 1100                                                                               | 715                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 750 | 38,87 | 2067,00 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                       |

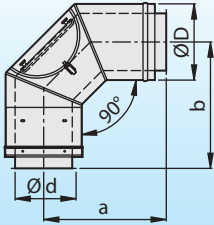
| Bogen 90°<br>5510-Ø-B90 | B90                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |  | <table> <tr> <th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>350</td><td>350</td><td>4,21</td><td>270,00</td></tr> <tr><td>200</td><td>300</td><td>375</td><td>375</td><td>5,72</td><td>307,50</td></tr> <tr><td>250</td><td>350</td><td>405</td><td>405</td><td>7,38</td><td>351,60</td></tr> <tr><td>300</td><td>400</td><td>425</td><td>425</td><td>9,25</td><td>423,40</td></tr> <tr><td>350</td><td>450</td><td>455</td><td>455</td><td>11,26</td><td>470,10</td></tr> <tr><td>400</td><td>500</td><td>480</td><td>480</td><td>13,47</td><td>531,70</td></tr> <tr><td>500</td><td>600</td><td>530</td><td>530</td><td>18,30</td><td>649,30</td></tr> <tr><td>600</td><td>700</td><td>580</td><td>580</td><td>23,83</td><td>969,90</td></tr> <tr><td>800</td><td>900</td><td>645</td><td>645</td><td>31,30</td><td>1860,30</td></tr> <tr><td>1000</td><td>1100</td><td>715</td><td>715</td><td>38,87</td><td>2067,00</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 350 | 350 | 4,21 | 270,00 | 200 | 300 | 375 | 375 | 5,72 | 307,50 | 250 | 350 | 405 | 405 | 7,38 | 351,60 | 300 | 400 | 425 | 425 | 9,25 | 423,40 | 350 | 450 | 455 | 455 | 11,26 | 470,10 | 400 | 500 | 480 | 480 | 13,47 | 531,70 | 500 | 600 | 530 | 530 | 18,30 | 649,30 | 600 | 700 | 580 | 580 | 23,83 | 969,90 | 800 | 900 | 645 | 645 | 31,30 | 1860,30 | 1000 | 1100 | 715 | 715 | 38,87 | 2067,00 |  |  | <p> Elbow 90°</p> <p> coude 90°</p> <p> gomito 90°</p> <p> Отвод 90°</p> |
| Ø d                     | Ø D                                                                                 | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 150                     | 250                                                                                 | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 350 | 4,21  | 270,00  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 200                     | 300                                                                                 | 375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 375 | 5,72  | 307,50  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 250                     | 350                                                                                 | 405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 405 | 7,38  | 351,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 300                     | 400                                                                                 | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 425 | 9,25  | 423,40  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 350                     | 450                                                                                 | 455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 455 | 11,26 | 470,10  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 400                     | 500                                                                                 | 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 480 | 13,47 | 531,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 500                     | 600                                                                                 | 530                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 530 | 18,30 | 649,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 600                     | 700                                                                                 | 580                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 580 | 23,83 | 969,90  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 800                     | 900                                                                                 | 645                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 645 | 31,30 | 1860,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1000                    | 1100                                                                                | 715                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 715 | 38,87 | 2067,00 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                              |

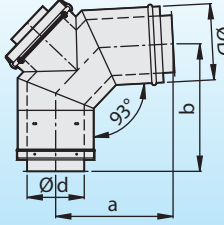
| Bogen 93° mit Prüfföffnung, mit Deckel<br>5510-Ø-BP93HT | BP93HT                                                                              | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                         |  | <table> <tr> <th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>345</td><td>365</td><td>4,21</td><td>313,70</td></tr> <tr><td>200</td><td>300</td><td>370</td><td>390</td><td>5,72</td><td>354,10</td></tr> <tr><td>250</td><td>350</td><td>400</td><td>420</td><td>7,38</td><td>401,50</td></tr> <tr><td>300</td><td>400</td><td>415</td><td>440</td><td>9,25</td><td>455,30</td></tr> <tr><td>350</td><td>450</td><td>445</td><td>470</td><td>11,26</td><td>501,30</td></tr> <tr><td>400</td><td>500</td><td>470</td><td>495</td><td>13,47</td><td>562,70</td></tr> <tr><td>500</td><td>600</td><td>515</td><td>545</td><td>18,30</td><td>770,60</td></tr> <tr><td>600</td><td>700</td><td>565</td><td>595</td><td>23,83</td><td>998,60</td></tr> <tr><td>800</td><td>900</td><td>640</td><td>670</td><td>31,30</td><td>1913,30</td></tr> <tr><td>1000</td><td>1100</td><td>715</td><td>750</td><td>38,78</td><td>2125,30</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 345 | 365 | 4,21 | 313,70 | 200 | 300 | 370 | 390 | 5,72 | 354,10 | 250 | 350 | 400 | 420 | 7,38 | 401,50 | 300 | 400 | 415 | 440 | 9,25 | 455,30 | 350 | 450 | 445 | 470 | 11,26 | 501,30 | 400 | 500 | 470 | 495 | 13,47 | 562,70 | 500 | 600 | 515 | 545 | 18,30 | 770,60 | 600 | 700 | 565 | 595 | 23,83 | 998,60 | 800 | 900 | 640 | 670 | 31,30 | 1913,30 | 1000 | 1100 | 715 | 750 | 38,78 | 2125,30 |  |  | <p> elbow 93° with inspection opening with cap</p> <p> le coude 93° avec l'ouverture d'inspection avec</p> <p> il gomito 93° con l'apertura di ispezione con la flangia</p> <p> отвод 93° с осмотром, с кепкой</p> |
| Ø d                                                     | Ø D                                                                                 | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 150                                                     | 250                                                                                 | 345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 365 | 4,21  | 313,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 200                                                     | 300                                                                                 | 370                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 390 | 5,72  | 354,10  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 250                                                     | 350                                                                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 420 | 7,38  | 401,50  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 300                                                     | 400                                                                                 | 415                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 440 | 9,25  | 455,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 350                                                     | 450                                                                                 | 445                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 470 | 11,26 | 501,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 400                                                     | 500                                                                                 | 470                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 495 | 13,47 | 562,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 500                                                     | 600                                                                                 | 515                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 545 | 18,30 | 770,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 600                                                     | 700                                                                                 | 565                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 595 | 23,83 | 998,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 800                                                     | 900                                                                                 | 640                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 670 | 31,30 | 1913,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1000                                                    | 1100                                                                                | 715                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 750 | 38,78 | 2125,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

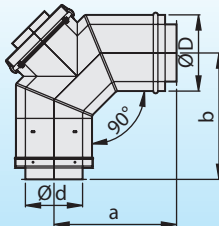
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

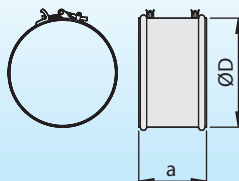
## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

| Bogen 90° mit Prüfföffnung mit Deckel<br>5510-Ø-BP90HT | BP90HT                                                                            | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                        |  | <table> <tr><th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>350</td><td>350</td><td>4,21</td><td>313,70</td></tr> <tr><td>200</td><td>300</td><td>375</td><td>375</td><td>5,72</td><td>354,10</td></tr> <tr><td>250</td><td>350</td><td>405</td><td>405</td><td>7,38</td><td>401,50</td></tr> <tr><td>300</td><td>400</td><td>425</td><td>425</td><td>9,25</td><td>455,30</td></tr> <tr><td>350</td><td>450</td><td>455</td><td>455</td><td>11,26</td><td>501,30</td></tr> <tr><td>400</td><td>500</td><td>480</td><td>480</td><td>13,47</td><td>562,70</td></tr> <tr><td>500</td><td>600</td><td>530</td><td>530</td><td>18,30</td><td>770,60</td></tr> <tr><td>600</td><td>700</td><td>580</td><td>580</td><td>23,83</td><td>998,60</td></tr> <tr><td>800</td><td>900</td><td>645</td><td>645</td><td>31,30</td><td>1913,30</td></tr> <tr><td>1000</td><td>1100</td><td>715</td><td>715</td><td>38,78</td><td>2125,30</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 350 | 350 | 4,21 | 313,70 | 200 | 300 | 375 | 375 | 5,72 | 354,10 | 250 | 350 | 405 | 405 | 7,38 | 401,50 | 300 | 400 | 425 | 425 | 9,25 | 455,30 | 350 | 450 | 455 | 455 | 11,26 | 501,30 | 400 | 500 | 480 | 480 | 13,47 | 562,70 | 500 | 600 | 530 | 530 | 18,30 | 770,60 | 600 | 700 | 580 | 580 | 23,83 | 998,60 | 800 | 900 | 645 | 645 | 31,30 | 1913,30 | 1000 | 1100 | 715 | 715 | 38,78 | 2125,30 |  |  | <p> elbow 90° with inspection opening with cap</p> <p> le coude 90° avec l'ouverture d'inspection avec</p> <p> il gomito 90° con l'apertura di ispezione con la flangia</p> <p> отвод 90° с осмотров, с крышкой</p> |
| Ø d                                                    | Ø D                                                                               | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 150                                                    | 250                                                                               | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 350 | 4,21  | 313,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 200                                                    | 300                                                                               | 375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 375 | 5,72  | 354,10  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 250                                                    | 350                                                                               | 405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 405 | 7,38  | 401,50  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 300                                                    | 400                                                                               | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 425 | 9,25  | 455,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 350                                                    | 450                                                                               | 455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 455 | 11,26 | 501,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 400                                                    | 500                                                                               | 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 480 | 13,47 | 562,70  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 500                                                    | 600                                                                               | 530                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 530 | 18,30 | 770,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 600                                                    | 700                                                                               | 580                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 580 | 23,83 | 998,60  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 800                                                    | 900                                                                               | 645                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 645 | 31,30 | 1913,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1000                                                   | 1100                                                                              | 715                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 715 | 38,78 | 2125,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Bogen 93° mit Prüfföffnung, mit Flansch<br>5510-Ø-B93LFL | B93LFL                                                                             | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|---------|-----|-----|-----|-----|-------|---------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                          |  | <table> <tr><th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>345</td><td>365</td><td>4,21</td><td>523,30</td></tr> <tr><td>200</td><td>300</td><td>370</td><td>390</td><td>5,72</td><td>593,30</td></tr> <tr><td>250</td><td>350</td><td>400</td><td>420</td><td>7,83</td><td>657,30</td></tr> <tr><td>300</td><td>400</td><td>415</td><td>440</td><td>9,25</td><td>718,30</td></tr> <tr><td>350</td><td>450</td><td>445</td><td>470</td><td>11,26</td><td>777,30</td></tr> <tr><td>400</td><td>500</td><td>470</td><td>495</td><td>13,47</td><td>853,30</td></tr> <tr><td>500</td><td>600</td><td>515</td><td>545</td><td>18,30</td><td>1112,30</td></tr> <tr><td>600</td><td>700</td><td>565</td><td>595</td><td>23,83</td><td>1172,10</td></tr> <tr><td>800</td><td>900</td><td>640</td><td>670</td><td>31,30</td><td>2086,80</td></tr> <tr><td>1000</td><td>1100</td><td>715</td><td>750</td><td>38,78</td><td>2638,30</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 345 | 365 | 4,21 | 523,30 | 200 | 300 | 370 | 390 | 5,72 | 593,30 | 250 | 350 | 400 | 420 | 7,83 | 657,30 | 300 | 400 | 415 | 440 | 9,25 | 718,30 | 350 | 450 | 445 | 470 | 11,26 | 777,30 | 400 | 500 | 470 | 495 | 13,47 | 853,30 | 500 | 600 | 515 | 545 | 18,30 | 1112,30 | 600 | 700 | 565 | 595 | 23,83 | 1172,10 | 800 | 900 | 640 | 670 | 31,30 | 2086,80 | 1000 | 1100 | 715 | 750 | 38,78 | 2638,30 |  |  | <p> elbow 93° with inspection opening with flange</p> <p> le coude 93° avec l'ouverture d'inspection avec la bride</p> <p> il gomito 93° con l'apertura di ispezione con la flangia</p> <p> отвод 93° с осмотров, открывающимся гребнем</p> |
| Ø d                                                      | Ø D                                                                                | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 150                                                      | 250                                                                                | 345                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 365 | 4,21  | 523,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 200                                                      | 300                                                                                | 370                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 390 | 5,72  | 593,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 250                                                      | 350                                                                                | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 420 | 7,83  | 657,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 300                                                      | 400                                                                                | 415                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 440 | 9,25  | 718,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 350                                                      | 450                                                                                | 445                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 470 | 11,26 | 777,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 400                                                      | 500                                                                                | 470                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 495 | 13,47 | 853,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 500                                                      | 600                                                                                | 515                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 545 | 18,30 | 1112,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 600                                                      | 700                                                                                | 565                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 595 | 23,83 | 1172,10 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 800                                                      | 900                                                                                | 640                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 670 | 31,30 | 2086,80 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1000                                                     | 1100                                                                               | 715                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 750 | 38,78 | 2638,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Bogen 90° mit Prüfföffnung, mit Flansch<br>5510-Ø-BP90LFL | BP90LFL                                                                             | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lg* | Preis |         |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|---|----|-----|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|---------|-----|-----|-----|-----|-------|---------|-----|-----|-----|-----|-------|---------|------|------|-----|-----|-------|---------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                           |  | <table> <tr><th>Ø d</th><th>Ø D</th><th>a</th><th>b</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>250</td><td>350</td><td>350</td><td>4,21</td><td>523,30</td></tr> <tr><td>200</td><td>300</td><td>375</td><td>375</td><td>5,72</td><td>593,30</td></tr> <tr><td>250</td><td>350</td><td>405</td><td>405</td><td>7,83</td><td>657,30</td></tr> <tr><td>300</td><td>400</td><td>425</td><td>425</td><td>9,25</td><td>718,30</td></tr> <tr><td>350</td><td>450</td><td>455</td><td>455</td><td>11,26</td><td>777,30</td></tr> <tr><td>400</td><td>500</td><td>480</td><td>480</td><td>13,47</td><td>853,30</td></tr> <tr><td>500</td><td>600</td><td>530</td><td>530</td><td>18,30</td><td>1112,30</td></tr> <tr><td>600</td><td>700</td><td>580</td><td>580</td><td>23,83</td><td>1172,10</td></tr> <tr><td>800</td><td>900</td><td>645</td><td>645</td><td>31,30</td><td>2086,80</td></tr> <tr><td>1000</td><td>1100</td><td>715</td><td>715</td><td>38,78</td><td>2638,30</td></tr> </table> | Ø d | Ø D   | a       | b | kg | EUR | 150 | 250 | 350 | 350 | 4,21 | 523,30 | 200 | 300 | 375 | 375 | 5,72 | 593,30 | 250 | 350 | 405 | 405 | 7,83 | 657,30 | 300 | 400 | 425 | 425 | 9,25 | 718,30 | 350 | 450 | 455 | 455 | 11,26 | 777,30 | 400 | 500 | 480 | 480 | 13,47 | 853,30 | 500 | 600 | 530 | 530 | 18,30 | 1112,30 | 600 | 700 | 580 | 580 | 23,83 | 1172,10 | 800 | 900 | 645 | 645 | 31,30 | 2086,80 | 1000 | 1100 | 715 | 715 | 38,78 | 2638,30 |  |  | <p> elbow 90° with inspection opening with flange</p> <p> le coude 90° avec l'ouverture d'inspection avec la bride</p> <p> il gomito 90° con l'apertura di ispezione con la flangia</p> <p> отвод 90° с осмотров, открывающимся гребнем</p> |
| Ø d                                                       | Ø D                                                                                 | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | b   | kg    | EUR     |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 150                                                       | 250                                                                                 | 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 350 | 4,21  | 523,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 200                                                       | 300                                                                                 | 375                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 375 | 5,72  | 593,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 250                                                       | 350                                                                                 | 405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 405 | 7,83  | 657,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 300                                                       | 400                                                                                 | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 425 | 9,25  | 718,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 350                                                       | 450                                                                                 | 455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 455 | 11,26 | 777,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 400                                                       | 500                                                                                 | 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 480 | 13,47 | 853,30  |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 500                                                       | 600                                                                                 | 530                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 530 | 18,30 | 1112,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 600                                                       | 700                                                                                 | 580                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 580 | 23,83 | 1172,10 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 800                                                       | 900                                                                                 | 645                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 645 | 31,30 | 2086,80 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1000                                                      | 1100                                                                                | 715                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 715 | 38,78 | 2638,30 |   |    |     |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |      |        |     |     |     |     |       |        |     |     |     |     |       |        |     |     |     |     |       |         |     |     |     |     |       |         |     |     |     |     |       |         |      |      |     |     |       |         |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Klemmband außen<br>5510-Ø-KV                                                                              |  | KV   | Technische Daten |     |  | Lg* | Preis |                                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------------|--|------|------------------|-----|--|-----|-------|---------------------------------------------------------------------------------------------------------------------|--|
| <br><br>mit Isolierung |  | Ø d  | Ø D              | a   |  | kg  | EUR   |  locking band for outside pipe |  |
|                                                                                                           |  | 150  | 250              | 125 |  | -   | 19,10 |                                                                                                                     |  |
|                                                                                                           |  | 200  | 300              | 125 |  | -   | 20,30 |  colliers de fixation          |  |
|                                                                                                           |  | 250  | 350              | 125 |  | -   | 21,70 |                                                                                                                     |  |
|                                                                                                           |  | 300  | 400              | 125 |  | -   | 24,10 |  fascia chiusura giunzioni     |  |
|                                                                                                           |  | 350  | 450              | 125 |  | -   | 25,30 |                                                                                                                     |  |
|                                                                                                           |  | 400  | 500              | 125 |  | -   | 25,90 |  крепежный хомут               |  |
|                                                                                                           |  | 500  | 600              | 125 |  | -   | 27,10 |                                                                                                                     |  |
|                                                                                                           |  | 600  | 700              | 125 |  | -   | 32,10 |                                                                                                                     |  |
|                                                                                                           |  | 800  | 900              | 125 |  | -   | 44,60 |                                                                                                                     |  |
|                                                                                                           |  | 1000 | 1100             | 125 |  | -   | 56,20 |                                                                                                                     |  |
|                                                                                                           |  |      |                  |     |  |     |       |                                                                                                                     |  |
|                                                                                                           |  |      |                  |     |  |     |       |                                                                                                                     |  |

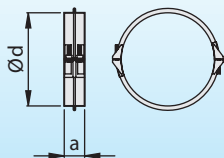
mit Isolierung

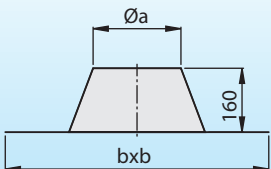
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

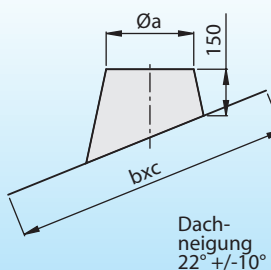
Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

| Klemmband innen<br>5510-Ø-KIV | KIV                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lg* | Preis |        |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|----|--|--|---|-------|-----|----|--|--|---|-------|-----|----|--|--|---|-------|-----|----|--|--|---|-------|-----|----|--|--|---|-------|-----|----|--|--|---|-------|-----|----|--|--|---|-------|-----|----|--|--|---|-------|-----|----|--|--|---|-------|------|----|--|--|---|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               |  | <table> <tr><th>Ø d</th><th>a</th><th></th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>35</td><td></td><td></td><td>-</td><td>61,20</td></tr> <tr><td>200</td><td>35</td><td></td><td></td><td>-</td><td>63,40</td></tr> <tr><td>250</td><td>35</td><td></td><td></td><td>-</td><td>65,70</td></tr> <tr><td>300</td><td>35</td><td></td><td></td><td>-</td><td>67,80</td></tr> <tr><td>350</td><td>35</td><td></td><td></td><td>-</td><td>70,00</td></tr> <tr><td>400</td><td>35</td><td></td><td></td><td>-</td><td>72,10</td></tr> <tr><td>500</td><td>35</td><td></td><td></td><td>-</td><td>76,60</td></tr> <tr><td>600</td><td>35</td><td></td><td></td><td>-</td><td>80,90</td></tr> <tr><td>800</td><td>35</td><td></td><td></td><td>-</td><td>89,60</td></tr> <tr><td>1000</td><td>35</td><td></td><td></td><td>-</td><td>100,50</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | a     |        |  | kg | EUR | 150 | 35 |  |  | - | 61,20 | 200 | 35 |  |  | - | 63,40 | 250 | 35 |  |  | - | 65,70 | 300 | 35 |  |  | - | 67,80 | 350 | 35 |  |  | - | 70,00 | 400 | 35 |  |  | - | 72,10 | 500 | 35 |  |  | - | 76,60 | 600 | 35 |  |  | - | 80,90 | 800 | 35 |  |  | - | 89,60 | 1000 | 35 |  |  | - | 100,50 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> locking band for inliner</p> <p> collier de fixation interieur</p> <p> fascietta di fissaggio per tubo interno</p> <p> Хомут для внутренней трубы</p> |
| Ø d                           | a                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | kg    | EUR    |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 150                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 61,20  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 200                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 63,40  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 250                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 65,70  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 300                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 67,80  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 350                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 70,00  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 400                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 72,10  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 500                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 76,60  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 600                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 80,90  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 800                           | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 89,60  |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1000                          | 35                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | -     | 100,50 |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |        |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |        |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |        |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                               |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |        |  |    |     |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |     |    |  |  |   |       |      |    |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

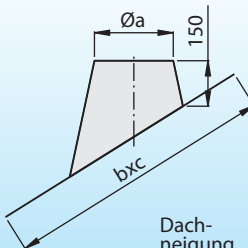
| Dachdurchführung flach Edelstahl<br>5510-Ø-DF | DF                                                                                 | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lg* | Preis |        |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|-----|-----|--|---|-------|-----|-----|-----|--|---|-------|-----|-----|-----|--|---|-------|-----|-----|-----|--|---|--------|-----|-----|-----|--|---|--------|-----|-----|-----|--|---|--------|-----|-----|------|--|---|--------|-----|-----|------|--|---|--------|-----|---|---|--|---|---|------|---|---|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               |  | <table> <tr><th>Ø d</th><th>Ø a</th><th>bxb</th><th></th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>280</td><td>730</td><td></td><td>-</td><td>50,50</td></tr> <tr><td>200</td><td>330</td><td>780</td><td></td><td>-</td><td>70,20</td></tr> <tr><td>250</td><td>380</td><td>830</td><td></td><td>-</td><td>86,90</td></tr> <tr><td>300</td><td>430</td><td>880</td><td></td><td>-</td><td>103,40</td></tr> <tr><td>350</td><td>480</td><td>930</td><td></td><td>-</td><td>115,80</td></tr> <tr><td>400</td><td>530</td><td>980</td><td></td><td>-</td><td>182,30</td></tr> <tr><td>500</td><td>630</td><td>1080</td><td></td><td>-</td><td>211,20</td></tr> <tr><td>600</td><td>730</td><td>1180</td><td></td><td>-</td><td>285,00</td></tr> <tr><td>800</td><td>x</td><td>x</td><td></td><td>-</td><td>-</td></tr> <tr><td>1000</td><td>x</td><td>x</td><td></td><td>-</td><td>-</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d | Ø a   | bxb    |  | kg | EUR | 150 | 280 | 730 |  | - | 50,50 | 200 | 330 | 780 |  | - | 70,20 | 250 | 380 | 830 |  | - | 86,90 | 300 | 430 | 880 |  | - | 103,40 | 350 | 480 | 930 |  | - | 115,80 | 400 | 530 | 980 |  | - | 182,30 | 500 | 630 | 1080 |  | - | 211,20 | 600 | 730 | 1180 |  | - | 285,00 | 800 | x | x |  | - | - | 1000 | x | x |  | - | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> flat flashing</p> <p> solin de toit plat</p> <p> faldale piatto con scossalina</p> <p> Элемент для прохода через крышу горизонтальный из нержав. стали</p> |
| Ø d                                           | Ø a                                                                                | bxb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | kg    | EUR    |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 150                                           | 280                                                                                | 730                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | -     | 50,50  |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 200                                           | 330                                                                                | 780                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | -     | 70,20  |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 250                                           | 380                                                                                | 830                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | -     | 86,90  |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 300                                           | 430                                                                                | 880                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | -     | 103,40 |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 350                                           | 480                                                                                | 930                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | -     | 115,80 |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 400                                           | 530                                                                                | 980                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     | -     | 182,30 |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 500                                           | 630                                                                                | 1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | -     | 211,20 |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 600                                           | 730                                                                                | 1180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | -     | 285,00 |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 800                                           | x                                                                                  | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | -      |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1000                                          | x                                                                                  | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     | -     | -      |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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|                                               |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |       |        |  |    |     |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |       |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |      |  |   |        |     |     |      |  |   |        |     |   |   |  |   |   |      |   |   |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Dachdurchführung geneigt 22° mit Blei<br>5510-Ø-DGB22 | DGB22                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lg*  | Preis |        |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|                                                       |  | <table> <tr><th>Ø d</th><th>Ø a</th><th>b</th><th>c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>280</td><td>900</td><td>820</td><td>-</td><td>137,30</td></tr> <tr><td>200</td><td>330</td><td>900</td><td>820</td><td>-</td><td>157,70</td></tr> <tr><td>250</td><td>380</td><td>1000</td><td>880</td><td>-</td><td>169,90</td></tr> <tr><td>300</td><td>430</td><td>1010</td><td>930</td><td>-</td><td>190,80</td></tr> <tr><td>350</td><td>480</td><td>1070</td><td>990</td><td>-</td><td>203,10</td></tr> <tr><td>400</td><td>530</td><td>1120</td><td>1040</td><td>-</td><td>216,10</td></tr> <tr><td>500</td><td>630</td><td>1230</td><td>1150</td><td>-</td><td>243,10</td></tr> <tr><td>600</td><td>730</td><td>1360</td><td>1200</td><td>-</td><td>285,00</td></tr> <tr><td>800</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr> <tr><td>1000</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d  | Ø a   | b      | c | kg | EUR | 150 | 280 | 900 | 820 | - | 137,30 | 200 | 330 | 900 | 820 | - | 157,70 | 250 | 380 | 1000 | 880 | - | 169,90 | 300 | 430 | 1010 | 930 | - | 190,80 | 350 | 480 | 1070 | 990 | - | 203,10 | 400 | 530 | 1120 | 1040 | - | 216,10 | 500 | 630 | 1230 | 1150 | - | 243,10 | 600 | 730 | 1360 | 1200 | - | 285,00 | 800 | x | x | x | - | - | 1000 | x | x | x | - | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> adjustable flashing 22°</p> <p> solin de toit incliné 22° en plomb façonnable</p> <p> faldale inclinato 22° con biombo</p> <p> Элемент для прохода через крышу наклонный 22° из свинца</p> |
| Ø d                                                   | Ø a                                                                                 | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | c    | kg    | EUR    |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 150                                                   | 280                                                                                 | 900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 820  | -     | 137,30 |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 200                                                   | 330                                                                                 | 900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 820  | -     | 157,70 |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 250                                                   | 380                                                                                 | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 880  | -     | 169,90 |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 300                                                   | 430                                                                                 | 1010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 930  | -     | 190,80 |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 350                                                   | 480                                                                                 | 1070                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 990  | -     | 203,10 |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 400                                                   | 530                                                                                 | 1120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1040 | -     | 216,10 |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 500                                                   | 630                                                                                 | 1230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1150 | -     | 243,10 |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 600                                                   | 730                                                                                 | 1360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1200 | -     | 285,00 |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 800                                                   | x                                                                                   | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | x    | -     | -      |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1000                                                  | x                                                                                   | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | x    | -     | -      |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |        |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |        |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |        |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |       |        |   |    |     |     |     |     |     |   |        |     |     |     |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

x = auf Anfrage

Dach-  
neigung  
22° +/-10°

| Dachdurchführung geneigt 32° mit Blei<br>5510-Ø-DGB32 | DGB32                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lg*  | Preis |        |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|--------|---|----|-----|-----|-----|------|-----|---|--------|-----|-----|------|-----|---|--------|-----|-----|------|-----|---|--------|-----|-----|------|-----|---|--------|-----|-----|------|-----|---|--------|-----|-----|------|-----|---|--------|-----|-----|------|------|---|--------|-----|-----|------|------|---|--------|-----|---|---|---|---|---|------|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                       |  | <table> <tr><th>Ø d</th><th>Ø a</th><th>b</th><th>c</th><th>kg</th><th>EUR</th></tr> <tr><td>150</td><td>280</td><td>1000</td><td>880</td><td>-</td><td>137,30</td></tr> <tr><td>200</td><td>330</td><td>1000</td><td>880</td><td>-</td><td>157,70</td></tr> <tr><td>250</td><td>380</td><td>1140</td><td>900</td><td>-</td><td>169,90</td></tr> <tr><td>300</td><td>430</td><td>1140</td><td>900</td><td>-</td><td>190,80</td></tr> <tr><td>350</td><td>480</td><td>1200</td><td>930</td><td>-</td><td>203,10</td></tr> <tr><td>400</td><td>530</td><td>1200</td><td>930</td><td>-</td><td>216,10</td></tr> <tr><td>500</td><td>630</td><td>1350</td><td>1100</td><td>-</td><td>243,10</td></tr> <tr><td>600</td><td>730</td><td>1500</td><td>1150</td><td>-</td><td>285,00</td></tr> <tr><td>800</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr> <tr><td>1000</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> | Ø d  | Ø a   | b      | c | kg | EUR | 150 | 280 | 1000 | 880 | - | 137,30 | 200 | 330 | 1000 | 880 | - | 157,70 | 250 | 380 | 1140 | 900 | - | 169,90 | 300 | 430 | 1140 | 900 | - | 190,80 | 350 | 480 | 1200 | 930 | - | 203,10 | 400 | 530 | 1200 | 930 | - | 216,10 | 500 | 630 | 1350 | 1100 | - | 243,10 | 600 | 730 | 1500 | 1150 | - | 285,00 | 800 | x | x | x | - | - | 1000 | x | x | x | - | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> adjustable flashing 32°</p> <p> solin de toit incliné 32° en plomb façonnable</p> <p> faldale inclinato 32° con biombo</p> <p> Элемент для прохода через крышу наклонный 32° из свинца</p> |
| Ø d                                                   | Ø a                                                                                 | b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | c    | kg    | EUR    |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 150                                                   | 280                                                                                 | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 880  | -     | 137,30 |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 200                                                   | 330                                                                                 | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 880  | -     | 157,70 |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 250                                                   | 380                                                                                 | 1140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 900  | -     | 169,90 |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 300                                                   | 430                                                                                 | 1140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 900  | -     | 190,80 |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 350                                                   | 480                                                                                 | 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 930  | -     | 203,10 |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 400                                                   | 530                                                                                 | 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 930  | -     | 216,10 |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 500                                                   | 630                                                                                 | 1350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1100 | -     | 243,10 |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 600                                                   | 730                                                                                 | 1500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1150 | -     | 285,00 |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 800                                                   | x                                                                                   | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | x    | -     | -      |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1000                                                  | x                                                                                   | x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | x    | -     | -      |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |        |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |        |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |        |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |       |        |   |    |     |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |     |   |        |     |     |      |      |   |        |     |     |      |      |   |        |     |   |   |   |   |   |      |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

x = auf Anfrage

Dach-  
neigung  
32° +/-10°

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

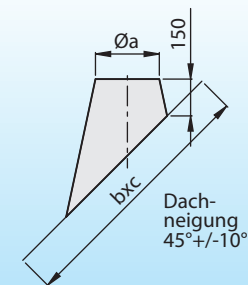
### Dachdurchführung geneigt 45° mit Blei 5510-Ø-DGB45

DGB45

#### Technische Daten

Lg\*

Preis



x = auf Anfrage

| Ø d  | Ø a | b    | c    | kg | EUR    |
|------|-----|------|------|----|--------|
| 150  | 280 | 1140 | 900  | -  | 172,30 |
| 200  | 330 | 1140 | 900  | -  | 205,60 |
| 250  | 380 | 1200 | 930  | -  | 217,90 |
| 300  | 430 | 1270 | 990  | -  | 246,80 |
| 350  | 480 | 1340 | 1050 | -  | 277,70 |
| 400  | 530 | 1400 | 1110 | -  | 289,90 |
| 500  | 630 | 1550 | 1240 | -  | 326,80 |
| 600  | 730 | 1800 | 1280 | -  | 368,70 |
| 800  | x   | x    | x    | -  | -      |
| 1000 | x   | x    | x    | -  | -      |



adjustable flashing 45°



solin de toit incliné 45°  
en plomb façonnable



faldale inclinato 45° con biombo



Элемент для прохода через  
крышу наклонный 45° из свинца

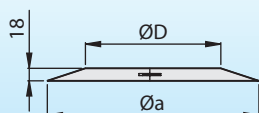
### Regenkragen 5510-Ø-RK

RK

#### Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | Ø a  | kg | EUR    |
|------|------|------|----|--------|
| 150  | 250  | 406  | -  | 24,10  |
| 200  | 300  | 456  | -  | 28,40  |
| 250  | 350  | 506  | -  | 29,50  |
| 300  | 400  | 556  | -  | 37,60  |
| 350  | 450  | 606  | -  | 53,00  |
| 400  | 500  | 656  | -  | 59,70  |
| 500  | 600  | 756  | -  | 74,50  |
| 600  | 700  | 856  | -  | 89,80  |
| 800  | 900  | 1056 | -  | 108,20 |
| 1000 | 1100 | 1246 | -  | 140,00 |



rain / storm collar



collerette



collare antipioggia



Дождевой козырёк

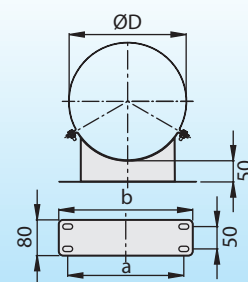
### Wandhalter 5510-Ø-W

W

#### Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a    | b    | kg | EUR    |
|------|------|------|------|----|--------|
| 150  | 250  | 250  | 290  | -  | 52,60  |
| 200  | 300  | 300  | 340  | -  | 58,20  |
| 250  | 350  | 350  | 390  | -  | 66,50  |
| 300  | 400  | 400  | 440  | -  | 84,30  |
| 350  | 450  | 450  | 490  | -  | 94,20  |
| 400  | 500  | 500  | 540  | -  | 106,90 |
| 500  | 600  | 600  | 640  | -  | 138,50 |
| 600  | 700  | 700  | 740  | -  | 160,10 |
| 800  | 900  | 900  | 940  | -  | 226,90 |
| 1000 | 1100 | 1100 | 1140 | -  | 293,70 |



wall band,  
distance 50 mm



bride de fixation  
murale, distance 50 mm



collare di fissaggio a  
parete, distanza 50 mm



Настенный  
кронштейн 50 мм

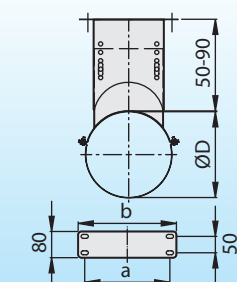
### Wandhalter verstellbar 50 - 90 mm 5510-Ø-WHV

WHV

#### Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a    | b    | kg | EUR    |
|------|------|------|------|----|--------|
| 150  | 250  | 250  | 290  | -  | 77,60  |
| 200  | 300  | 300  | 340  | -  | 91,70  |
| 250  | 350  | 350  | 390  | -  | 94,90  |
| 300  | 400  | 400  | 440  | -  | 102,80 |
| 350  | 450  | 450  | 490  | -  | 115,20 |
| 400  | 500  | 500  | 540  | -  | 136,70 |
| 500  | 600  | 600  | 640  | -  | 161,30 |
| 600  | 700  | 700  | 740  | -  | 192,00 |
| 800  | 900  | 900  | 940  | -  | 284,00 |
| 1000 | 1100 | 1100 | 1140 | -  | 376,00 |



adjustable wall band  
50 - 90 mm



bride de fixation, réglable  
murale 50 - 90 mm



supporto a muro  
regolabile 50 - 90 mm



Настенный кронштейн,  
регулируемый 50-90 мм

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag



## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

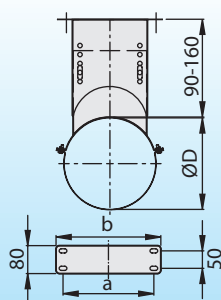
Wandhalter verstellbar 90 - 160 mm  
5510-Ø-WHV9

WHV9

Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a    | b    | kg | EUR    |
|------|------|------|------|----|--------|
| 150  | 250  | 250  | 290  | -  | 84,40  |
| 200  | 300  | 300  | 340  | -  | 99,80  |
| 250  | 350  | 350  | 390  | -  | 104,10 |
| 300  | 400  | 400  | 440  | -  | 113,30 |
| 350  | 450  | 450  | 490  | -  | 126,80 |
| 400  | 500  | 500  | 540  | -  | 150,10 |
| 500  | 600  | 600  | 640  | -  | 177,40 |
| 600  | 700  | 700  | 740  | -  | 204,40 |
| 800  | 900  | 900  | 940  | -  | 283,10 |
| 1000 | 1100 | 1100 | 1140 | -  | 362,60 |

- adjustable wall band 90 - 160 mm
- bride de fixation, réglable murale 90 - 160 mm
- supporto a muro regolabile 90 - 160 mm
- Настенный кронштейн, регулируемый 90 - 160 мм

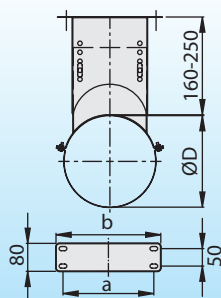
Wandhalter verstellbar 160 - 250 mm  
5510-Ø-WHV16

WHV16

Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a    | b    | kg | EUR    |
|------|------|------|------|----|--------|
| 150  | 250  | 250  | 290  | -  | 95,40  |
| 200  | 300  | 300  | 340  | -  | 113,30 |
| 250  | 350  | 350  | 390  | -  | 120,00 |
| 300  | 400  | 400  | 440  | -  | 131,20 |
| 350  | 450  | 450  | 490  | -  | 147,20 |
| 400  | 500  | 500  | 540  | -  | 166,30 |
| 500  | 600  | 600  | 640  | -  | 203,80 |
| 600  | 700  | 700  | 740  | -  | 241,30 |
| 800  | 900  | 900  | 940  | -  | 352,00 |
| 1000 | 1100 | 1100 | 1140 | -  | 463,30 |

- adjustable wall band 160 - 250 mm
- bride de fixation, réglable murale 160 - 250 mm
- supporto a muro regolabile 160 - 250 mm
- Настенный кронштейн, регулируемый 160 - 250 мм

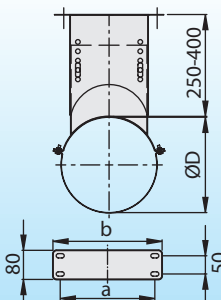
Wandhalter verstellbar 250 - 400 mm  
5510-Ø-WHV25

WHV25

Technische Daten

Lg\*

Preis



| Ø d  | Ø D  | a    | b    | kg | EUR    |
|------|------|------|------|----|--------|
| 150  | 250  | 250  | 290  | -  | 128,70 |
| 200  | 300  | 300  | 340  | -  | 150,90 |
| 250  | 350  | 350  | 390  | -  | 161,90 |
| 300  | 400  | 400  | 440  | -  | 177,40 |
| 350  | 450  | 450  | 490  | -  | 197,60 |
| 400  | 500  | 500  | 540  | -  | 221,00 |
| 500  | 600  | 600  | 640  | -  | 267,20 |
| 600  | 700  | 700  | 740  | -  | 313,40 |
| 800  | 900  | 900  | 940  | -  | 449,50 |
| 1000 | 1100 | 1100 | 1140 | -  | 586,20 |

- adjustable wall band 250 - 400 mm
- bride de fixation, réglable murale 250 - 400 mm
- supporto a muro regolabile 250 - 400 mm
- Настенный кронштейн, регулируемый 250 - 400 мм

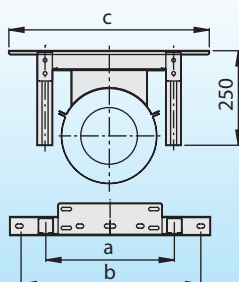
Wandhalterverlängerung, verstellbar 50-250 mm  
5510-Ø-WVLK

WVLK

Technische Daten

Lg\*

Preis



| Ø d  | a    | b    | c    | kg | EUR    |
|------|------|------|------|----|--------|
| 150  | 340  | 480  | 530  | -  | 87,20  |
| 200  | 390  | 480  | 530  | -  | 90,70  |
| 250  | 440  | 530  | 580  | -  | 97,70  |
| 300  | 490  | 580  | 630  | -  | 111,80 |
| 350  | 540  | 630  | 680  | -  | 111,80 |
| 400  | 590  | 680  | 730  | -  | 125,80 |
| 500  | 690  | 780  | 830  | -  | 132,80 |
| 600  | 790  | 880  | 930  | -  | 139,90 |
| 800  | 990  | 1080 | 1130 | -  | 159,00 |
| 1000 | 1190 | 1280 | 1330 | -  | 178,10 |

- adjustable extension for wall band 50 - 250 mm
- rallonge de fixation murale, réglable 50 - 250 mm
- supporto a muro regolabile 50 - 250 mm
- Удлиняющий элемент настенного кронштейна раздвижной 50 - 250 мм

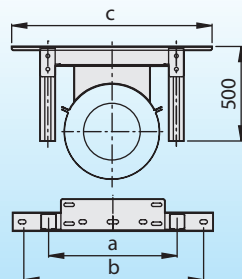
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

### Wandhalterverlängerung, verstellbar 100-500 mm 5510-Ø-WVLL

WVLL



#### Technische Daten

Lg\*

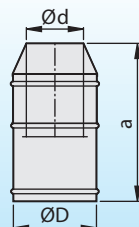
Preis

| Ø d  | a    | b    | c    | kg | EUR    |
|------|------|------|------|----|--------|
| 150  | 340  | 480  | 530  | -  | 99,20  |
| 200  | 390  | 480  | 530  | -  | 102,80 |
| 250  | 440  | 530  | 580  | -  | 110,30 |
| 300  | 490  | 580  | 630  | -  | 117,60 |
| 350  | 540  | 630  | 680  | -  | 125,00 |
| 400  | 590  | 680  | 730  | -  | 132,30 |
| 500  | 690  | 780  | 830  | -  | 147,20 |
| 600  | 790  | 880  | 930  | -  | 154,50 |
| 800  | 990  | 1080 | 1130 | -  | 177,10 |
| 1000 | 1190 | 1280 | 1330 | -  | 199,30 |
|      |      |      |      |    |        |
|      |      |      |      |    |        |
|      |      |      |      |    |        |
|      |      |      |      |    |        |
|      |      |      |      |    |        |

- adjustable extension for wall band 100 - 500 mm
- rallonge de fixation murale, réglable 100 - 500 mm
- supporto a muro regolabile 100 - 500 mm
- Удлиняющий элемент настенного кронштейна раздвижной 100 - 500 мм

### Mündungsabschluss 5510-Ø-M

M



a= angepaßt an Aufbauhöhe Kamin und Temperatur

#### Technische Daten

Lg\*

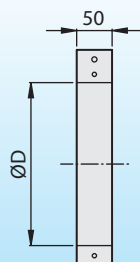
Preis

| Ø d  | Ø D  | kg   | EUR    |
|------|------|------|--------|
| 150  | 270  | 1,18 | 58,30  |
| 200  | 320  | 1,48 | 61,60  |
| 250  | 370  | 1,77 | 78,00  |
| 300  | 420  | 2,06 | 97,60  |
| 350  | 470  | 2,36 | 125,40 |
| 400  | 520  | 2,65 | 151,10 |
| 500  | 620  | 3,24 | 217,40 |
| 600  | 720  | 3,83 | 233,20 |
| 800  | 920  | 5,00 | 277,80 |
| 1000 | 1120 | 6,18 | 310,60 |
|      |      |      |        |
|      |      |      |        |
|      |      |      |        |
|      |      |      |        |
|      |      |      |        |

- Top stub
- finition conique
- terminale troncocono
- Завершающий элемент, конический

### Blitzschutzklemme 5510-Ø-BK

BK



#### Technische Daten

Lg\*

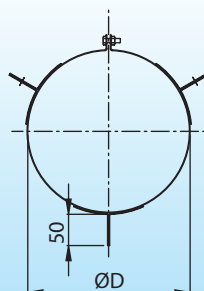
Preis

| Ø d  | Ø D  | kg | EUR    |
|------|------|----|--------|
| 150  | 250  | -  | 18,50  |
| 200  | 300  | -  | 19,10  |
| 250  | 350  | -  | 21,90  |
| 300  | 400  | -  | 25,00  |
| 350  | 450  | -  | 28,90  |
| 400  | 500  | -  | 34,90  |
| 500  | 600  | -  | 53,70  |
| 600  | 700  | -  | 72,40  |
| 800  | 900  | -  | 110,40 |
| 1000 | 1100 | -  | 150,00 |
|      |      |    |        |
|      |      |    |        |
|      |      |    |        |
|      |      |    |        |
|      |      |    |        |

- bracket for flash security
- bride paratonnerre
- fascetta per cavo tirante
- Хомут для крепления молнеотвода

### Seilabspannung mit Dreipunktbefestigung 5510-Ø-SA

SA



#### Technische Daten

Lg\*

Preis

| Ø d  | Ø D  | kg | EUR   |
|------|------|----|-------|
| 150  | 250  | -  | 33,10 |
| 200  | 300  | -  | 34,60 |
| 250  | 350  | -  | 35,10 |
| 300  | 400  | -  | 36,30 |
| 350  | 450  | -  | 37,60 |
| 400  | 500  | -  | 38,20 |
| 500  | 600  | -  | 39,50 |
| 600  | 700  | -  | 40,00 |
| 800  | 900  | -  | 43,20 |
| 1000 | 1100 | -  | 48,50 |
|      |      |    |       |
|      |      |    |       |
|      |      |    |       |
|      |      |    |       |
|      |      |    |       |

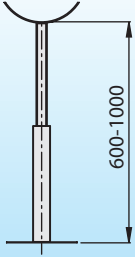
- bracket for static wires
- bride de haubannage avec 3 points de fixation
- fascetta per 3 cavi tiranti
- Хомут с отверстиями для троса

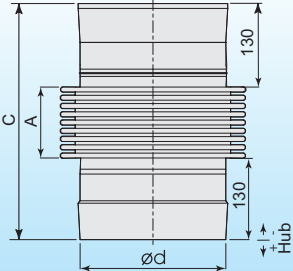
\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

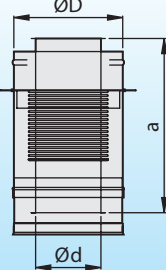
## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

| Stützfuß 600 - 1000 mm mit Schale<br>5510-Ø-SP1 | SP1                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lg* | Preis |        |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|--|----|-----|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|-----|--|--|--|---|--------|------|--|--|--|---|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                 |  | <table border="1"> <thead> <tr> <th>Ø d</th><th></th><th></th><th></th><th>kg</th><th>EUR</th></tr> </thead> <tbody> <tr><td>150</td><td></td><td></td><td></td><td>-</td><td>120,00</td></tr> <tr><td>200</td><td></td><td></td><td></td><td>-</td><td>120,00</td></tr> <tr><td>250</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>300</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>350</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>400</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>500</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>600</td><td></td><td></td><td></td><td>-</td><td>129,30</td></tr> <tr><td>800</td><td></td><td></td><td></td><td>-</td><td>174,90</td></tr> <tr><td>1000</td><td></td><td></td><td></td><td>-</td><td>196,10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> | Ø d |       |        |  | kg | EUR | 150 |  |  |  | - | 120,00 | 200 |  |  |  | - | 120,00 | 250 |  |  |  | - | 129,30 | 300 |  |  |  | - | 129,30 | 350 |  |  |  | - | 129,30 | 400 |  |  |  | - | 129,30 | 500 |  |  |  | - | 129,30 | 600 |  |  |  | - | 129,30 | 800 |  |  |  | - | 174,90 | 1000 |  |  |  | - | 196,10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> support</p> <p> pied d'appui avec support demi-rond</p> <p> supporto 600 - 1000 mm</p> <p> Опора 600 - 1000 mm</p> |
| Ø d                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | kg    | EUR    |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 150                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 120,00 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 200                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 120,00 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 250                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 300                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 350                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 400                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 500                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 600                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 129,30 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 800                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 174,90 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1000                                            |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     | -     | 196,10 |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|                                                 |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |       |        |  |    |     |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |     |  |  |  |   |        |      |  |  |  |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Kompensator<br>5510-Ø-KOM | KOM                                                                                | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lg* | Preis |         |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|-----|----|-----|-----|-----|-----|----|-----|--------|-----|-----|-----|----|-----|--------|-----|-----|-----|----|-----|--------|-----|-----|-----|----|-----|--------|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----|-----|---------|------|-----|-----|----|-----|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |  | <table border="1"> <thead> <tr> <th>Ø d</th><th>a</th><th>c</th><th>Hub</th><th>Bl</th><th>EUR</th></tr> </thead> <tbody> <tr><td>150</td><td>145</td><td>405</td><td>60</td><td>435</td><td>505,00</td></tr> <tr><td>200</td><td>225</td><td>485</td><td>82</td><td>526</td><td>550,00</td></tr> <tr><td>250</td><td>165</td><td>425</td><td>88</td><td>489</td><td>580,00</td></tr> <tr><td>300</td><td>210</td><td>470</td><td>98</td><td>519</td><td>665,00</td></tr> <tr><td>350</td><td>205</td><td>465</td><td>106</td><td>518</td><td>717,00</td></tr> <tr><td>400</td><td>195</td><td>455</td><td>108</td><td>509</td><td>760,00</td></tr> <tr><td>500</td><td>180</td><td>440</td><td>112</td><td>496</td><td>853,00</td></tr> <tr><td>600</td><td>190</td><td>450</td><td>120</td><td>510</td><td>1002,00</td></tr> <tr><td>800</td><td>210</td><td>470</td><td>134</td><td>537</td><td>1320,00</td></tr> <tr><td>1000</td><td>215</td><td>475</td><td>84</td><td>517</td><td>1670,00</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> | Ø d | a     | c       | Hub | Bl | EUR | 150 | 145 | 405 | 60 | 435 | 505,00 | 200 | 225 | 485 | 82 | 526 | 550,00 | 250 | 165 | 425 | 88 | 489 | 580,00 | 300 | 210 | 470 | 98 | 519 | 665,00 | 350 | 205 | 465 | 106 | 518 | 717,00 | 400 | 195 | 455 | 108 | 509 | 760,00 | 500 | 180 | 440 | 112 | 496 | 853,00 | 600 | 190 | 450 | 120 | 510 | 1002,00 | 800 | 210 | 470 | 134 | 537 | 1320,00 | 1000 | 215 | 475 | 84 | 517 | 1670,00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> compensator</p> <p> compensateur</p> <p> compensature</p> <p> Компенсатор</p> |
| Ø d                       | a                                                                                  | c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Hub | Bl    | EUR     |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 150                       | 145                                                                                | 405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 60  | 435   | 505,00  |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 200                       | 225                                                                                | 485                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 82  | 526   | 550,00  |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 250                       | 165                                                                                | 425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 88  | 489   | 580,00  |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 300                       | 210                                                                                | 470                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 98  | 519   | 665,00  |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 350                       | 205                                                                                | 465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 106 | 518   | 717,00  |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 400                       | 195                                                                                | 455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 108 | 509   | 760,00  |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 500                       | 180                                                                                | 440                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 112 | 496   | 853,00  |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 600                       | 190                                                                                | 450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 120 | 510   | 1002,00 |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 800                       | 210                                                                                | 470                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 134 | 537   | 1320,00 |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1000                      | 215                                                                                | 475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 84  | 517   | 1670,00 |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                           |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |       |         |     |    |     |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |    |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |        |     |     |     |     |     |         |     |     |     |     |     |         |      |     |     |    |     |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Schutzrohr mit Kompensator für Fixpunkt<br>5510-Ø-SOKOM | SOKOM                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lg* | Preis |         |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|--|----|-----|-----|-----|-----|--|---|--------|-----|-----|-----|--|---|--------|-----|-----|-----|--|---|--------|-----|-----|-----|--|---|--------|-----|-----|-----|--|---|---------|-----|-----|-----|--|---|---------|-----|-----|-----|--|---|---------|-----|-----|-----|--|---|---------|-----|-----|-----|--|---|---------|------|------|-----|--|---|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                         |  | <table border="1"> <thead> <tr> <th>Ø d</th><th>Ø D</th><th>a</th><th></th><th>kg</th><th>EUR</th></tr> </thead> <tbody> <tr><td>150</td><td>250</td><td>400</td><td></td><td>-</td><td>692,90</td></tr> <tr><td>200</td><td>300</td><td>480</td><td></td><td>-</td><td>781,60</td></tr> <tr><td>250</td><td>350</td><td>405</td><td></td><td>-</td><td>840,90</td></tr> <tr><td>300</td><td>400</td><td>460</td><td></td><td>-</td><td>976,50</td></tr> <tr><td>350</td><td>450</td><td>455</td><td></td><td>-</td><td>1105,80</td></tr> <tr><td>400</td><td>500</td><td>445</td><td></td><td>-</td><td>1194,50</td></tr> <tr><td>500</td><td>600</td><td>430</td><td></td><td>-</td><td>1388,70</td></tr> <tr><td>600</td><td>700</td><td>440</td><td></td><td>-</td><td>1583,10</td></tr> <tr><td>800</td><td>900</td><td>480</td><td></td><td>-</td><td>2062,40</td></tr> <tr><td>1000</td><td>1100</td><td>455</td><td></td><td>-</td><td>2555,10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> | Ø d | Ø D   | a       |  | kg | EUR | 150 | 250 | 400 |  | - | 692,90 | 200 | 300 | 480 |  | - | 781,60 | 250 | 350 | 405 |  | - | 840,90 | 300 | 400 | 460 |  | - | 976,50 | 350 | 450 | 455 |  | - | 1105,80 | 400 | 500 | 445 |  | - | 1194,50 | 500 | 600 | 430 |  | - | 1388,70 | 600 | 700 | 440 |  | - | 1583,10 | 800 | 900 | 480 |  | - | 2062,40 | 1000 | 1100 | 455 |  | - | 2555,10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p> compensator with protection</p> <p> compensator avec la protection</p> <p> compensature con la protezione</p> <p> компенсатор с защитой</p> |
| Ø d                                                     | Ø D                                                                                 | a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     | kg    | EUR     |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 150                                                     | 250                                                                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 692,90  |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 200                                                     | 300                                                                                 | 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 781,60  |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 250                                                     | 350                                                                                 | 405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 840,90  |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 300                                                     | 400                                                                                 | 460                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 976,50  |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 350                                                     | 450                                                                                 | 455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 1105,80 |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 400                                                     | 500                                                                                 | 445                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 1194,50 |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 500                                                     | 600                                                                                 | 430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 1388,70 |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 600                                                     | 700                                                                                 | 440                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 1583,10 |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 800                                                     | 900                                                                                 | 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 2062,40 |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1000                                                    | 1100                                                                                | 455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     | -     | 2555,10 |  |    |     |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |        |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |     |     |     |  |   |         |      |      |     |  |   |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Hochtemperatur Silikon, rotbraun<br>1000 000 SIHAT | SIHAT                                                                               | Technische Daten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lg* | Preis |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | kg    | EUR   |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |       |  |    |     |  |  |  |  |   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

\*Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

| Fugenteufel einkomponenten Fugendichtstoff, grundierungsfrei<br>1000-000-SIFU     |  | Technische Daten | Lg* | Preis |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|--|------------------|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                  |     | EUR   |  silicon paste<br><br> silicone<br><br> silicone<br><br> Строительный силикон |
|                                                                                   |  |                  |     | 10,50 |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Asplit-Hochtemperatur<br>1000 000 ASP                                                                                                       |  | Technische Daten | Lg* | Preis |                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>1kg</p> <p>Mischungsverhältnis mit Wasser<br/>7-1</p> |  |                  | kg  | EUR   |  asplit<br><br> asplit<br><br> asplit<br><br> асплит |
|                                                                                                                                             |  |                  |     | 35,00 |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                             |  |                  |     |       |                                                                                                                                                                                                                                                                                                                                                                                                   |

#Lg=Legierungsgewicht: Lg (in kg) x Faktor Legierungszuschlag (in €/kg) = Netto-Aufpreis Legierungszuschlag

## Doppelwandiges Flanshsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine



### Technische Daten - Doppelwandiges System eka complex Europ D

| Durchmesser Ø in mm       |                  | 150 | 200  | 250  | 300  | 350  | 400  | 500  | 600  | 800  | 1000 |
|---------------------------|------------------|-----|------|------|------|------|------|------|------|------|------|
| Fläche in cm <sup>2</sup> |                  | 177 | 314  | 491  | 707  | 962  | 1256 | 1963 | 2826 | 5024 | 7850 |
| Gewicht in kg/m           | 50 mm Isolierung | 9,7 | 12,7 | 15,4 | 17,7 | 19,8 | 22,2 | 26,8 | 31,6 | 48,3 | 59,9 |

#### Materialart:

Innenrohr  
Außenrohr

Edelstahl, 1.4404 bzw. 1.4571, AISI 316L  
Edelstahl, 1.4301, AISI 304

#### Materialstärke:

Innenrohr  
Außenrohr

1,0 mm  
0,6 mm

#### Brennstoffe:

Max. Dauer- Abgastemperatur:  
Betriebsweise:

Öl, Gas, Festbrennstoff  
600°C  
Unterdruck, Überdruck

#### Dicke Wärmedämmung:

50 mm Mineralfaserdämmschalen (KI 40) (4300)

#### CE - Zertifizierung:

**CE: D-0036 CPD 90216 008/2004**  
EN 1856-1 T200 H1 W V2 L50090 O30  
EN 1856-1 T600 H2 D V2 L50090 G50  
EN 1856-1 T600 P1 D V2 L50090 G50

#### Ausführung Außenschale glänzend:

Art.-System-Nr.: 5510



### technical data - double walled system eka complex Europ D

| diameter Ø in mm        |                 | 150 | 200  | 250  | 300  | 350  | 400  | 500  | 600  | 800  | 1000 |
|-------------------------|-----------------|-----|------|------|------|------|------|------|------|------|------|
| area in cm <sup>2</sup> |                 | 177 | 314  | 491  | 707  | 962  | 1256 | 1963 | 2826 | 5024 | 7850 |
| weight in kg/m          | 50 mm isolation | 9,7 | 12,7 | 15,4 | 17,7 | 19,8 | 22,2 | 26,8 | 31,6 | 48,3 | 59,9 |

#### material type:

interior pipe  
outside pipe

stainless steel, 1.4404 or 1.4571, AISI 316L  
stainless steel, 1.4301, AISI 304

#### material thickness:

interior pipe  
outside pipe

1,0 mm  
0,6 mm

#### fuel type:

maximal sustained exhaust temperature:  
operating modes:

oil, natural gas, solid fuel  
600°C  
negative pressure, positive pressure

#### thickness of isolation:

50 mm mineral-fibre isolation (KI 40) (4300)

#### CE - certification:

**CE: D-0036 CPD 90216 008/2004**  
EN 1856-1 T200 H1 W V2 L50090 O30  
EN 1856-1 T600 H2 D V2 L50090 G50  
EN 1856-1 T600 P1 D V2 L50090 G50

#### execution outside pipe shining:

Art.-system-n.: 5510



## Informations techniques - double parois complex Europ D

| Diamètre Ø in mm               |                     | 150 | 200  | 250  | 300  | 350  | 400  | 500  | 600  | 800  | 1000 |
|--------------------------------|---------------------|-----|------|------|------|------|------|------|------|------|------|
| Surface en cm <sup>2</sup>     | Isolation thermique | 177 | 314  | 491  | 707  | 962  | 1256 | 1963 | 2826 | 5024 | 7850 |
| Éléments droits, poids en kg/m | 50 mm               | 9,7 | 12,7 | 15,4 | 17,7 | 19,8 | 22,2 | 26,8 | 31,6 | 48,3 | 59,9 |

**Matériaux:**

Intérieur  
 Extérieur

en inox, 1.4404 et 1.4571, AISI 316L  
 en inox, 1.4301, AISI 304

**Épaisseur des éléments droits:**

Intérieur  
 Extérieur

1,0 mm  
 0,6 mm

**Type d'utilisation:**

**Température max des fumées:**

**Type d'utilisation:**

oil, gaz naturel, fuel combustibles solides  
 600°C  
 sous pression, pression positive

**épaisseur isolant:**

50 mm tubé disolation (KI 40) (4300)

**CE - certification:**

**CE: D-0036 CPD 90216 008/2004**

EN 1856-1 T200 H1 W V2 L50090 O30  
 EN 1856-1 T600 H2 D V2 L50090 G50  
 EN 1856-1 T600 P1 D V2 L50090 G50

**paroi extérieure brillant:**

système: 5510

## dati tecnici - sistema a doppia parete complex Europ D

| diametro Ø in mm                  |                  | 150 | 200  | 250  | 300  | 350  | 400  | 500  | 600  | 800  | 1000 |
|-----------------------------------|------------------|-----|------|------|------|------|------|------|------|------|------|
| area in cm <sup>2</sup> superfice |                  | 177 | 314  | 491  | 707  | 962  | 1256 | 1963 | 2826 | 5024 | 7850 |
| peso in kg/m                      | 50 mm isolazione | 9,7 | 12,7 | 15,4 | 17,7 | 19,8 | 22,2 | 26,8 | 31,6 | 48,3 | 59,9 |

**materiale:**

tubo interno  
 tubo esterno

acciaio inox, 1.4404 ossia 1.4571, AISI 316L  
 acciaio inox, 1.4301, AISI 304

**materiale fiso:**

tubo interno  
 tubo esterno

1,0 mm  
 0,6 mm

**combustibile:**

**temperatura massima:**

**modalità di funzionamento:**

gas olio, gas, elenia  
 600°C  
 depressione, pressione positiva

**spessore isolazione:**

50 mm isolazione (KI 40) (4300)

**certificazione CE:**

**CE: D-0036 CPD 90216 008/2004**

EN 1856-1 T200 H1 W V2 L50090 O30  
 EN 1856-1 T600 H2 D V2 L50090 G50  
 EN 1856-1 T600 P1 D V2 L50090 G50

**tubo esterno lucido:**

sistema: 5510

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine



### Технические данные двустенная система дымоходов ека комплекс крышка Европ Д

| Диаметр Ø в мм            |                | 150 | 200  | 250  | 300  | 350  | 400  | 500  | 600  | 800  | 1000 |
|---------------------------|----------------|-----|------|------|------|------|------|------|------|------|------|
| Площадь в см <sup>2</sup> |                | 177 | 314  | 491  | 707  | 962  | 1256 | 1963 | 2826 | 5024 | 7850 |
| Вес в кг/м                | 50 мм изоляции | 9,7 | 12,7 | 15,4 | 17,7 | 19,8 | 22,2 | 26,8 | 31,6 | 48,3 | 59,9 |

#### Тип материала:

жёсткая система  
гибкая система

нержавеющая сталь, 1.4404 bzw. 1.4571, AISI 316L  
нержавеющая сталь, 1.4301, AISI 304

#### Толщина материала:

жёсткая система  
гибкая система

1,0 мм  
0,6 мм

#### Вид топлива:

Макс. температура отработ. газов:

Эксплуатация:

дизельное, газ, твёрдое

600°C

низкое / высокое давление

#### Толщина теплоизоляции:

50 мм изоляционный слой из мин. ваты (KI 40) (4300)

#### СЕ- Сертификация:

**CE: D-0036 CPD 90216 008/2004**

EN 1856-1 T200 H1 WV2 L50090 O30

EN 1856-1 T600 H2 D V2 L50090 G50

EN 1856-1 T600 P1 D V2 L50090 G50

#### Наружная стенка блестящая:

Система-Nr.: 5510

## Maximale statische Montagehöhe und Abstände

| Maximale statische Montagehöhe und Abstände |     |     |     |     |     |     |
|---------------------------------------------|-----|-----|-----|-----|-----|-----|
| Nennweite/mm                                | a/m | b/m | c/m | d/m | e/m | f/m |
| 150                                         | 30  | 29  | 29  | 4   | 30  | 3   |
| 200                                         | 30  | 26  | 26  | 4   | 30  | 3   |
| 250                                         | 28  | 23  | 23  | 4   | 28  | 3   |
| 300                                         | 23  | 20  | 20  | 4   | 23  | 3   |
| 350                                         | 18  | 17  | 17  | 4   | 18  | 3   |
| 400                                         | 15  | 13  | 13  | 4   | 15  | 3   |
| 500                                         | 13  | 11  | 10  | 4   | 13  | 2,5 |
| 600                                         | 11  | 6   | 4   | 4   | 11  | 2,5 |
| 800                                         | 2   | 2   | 2   | 2   | 2   | 1   |
| 1000                                        | 2   | 2   | 2   | 2   | 2   | 1   |

a: maximale Aufbauhöhe über Konsole  
b: maximale Aufbauhöhe über Reinigungsöffnung  
c: maximale Aufbauhöhe über Feuerungsanschluß  
d: maximaler Abstand zwischen zwei Wandhaltern  
e: maximale Aufbauhöhe über Längenelementen  
f: maximale freie Auskrugung

## Maximum static height and distances

- a: max. height above support  
b: max. height above inspection element  
c: max. height above T-element  
d: max. distance between wall bands  
e: max. height above length  
f: max. freestanding without support

## distances et hauteurs statiques max. entre fixations

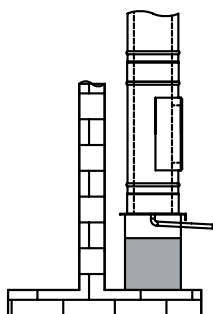
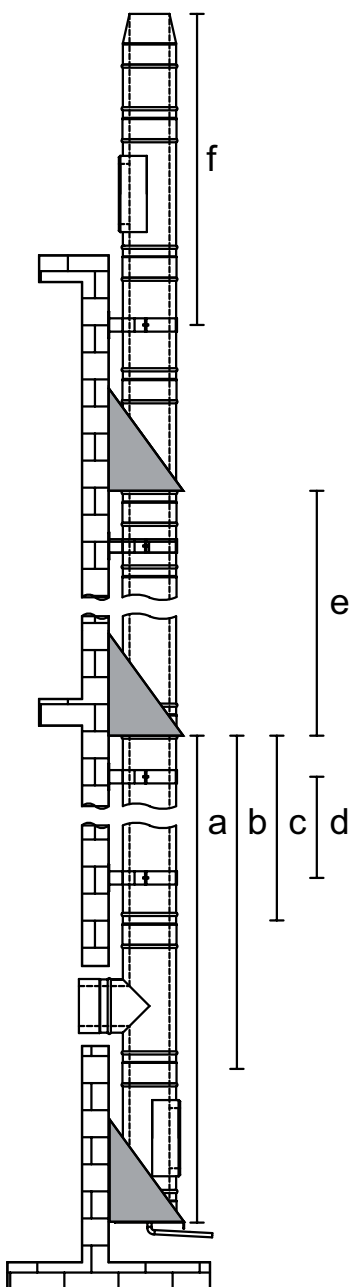
- a: hauteur max. entre console murale  
b: hauteur max. du système sont adaptés eu milieu  
c: hauteur max. d'un T à la console murale suivante  
d: distance max. entre les brides de fixations murales  
e: hauteur maximale entre éléments droits  
f: hauteur maximale au-delà de toute fixation

Alternative:

Alternative:

Alternative:

Sockelelement, verstellbar  
Basis element adjustable  
élément de socle, réglable



## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

## Statico massimo altezza di montaggio e le distanze

Statico massimo altezza di montaggio e le distanze

| diametro/mm | a/m | b/m | c/m | d/m | e/m | f/m |
|-------------|-----|-----|-----|-----|-----|-----|
| 150         | 30  | 29  | 29  | 4   | 30  | 3   |
| 200         | 30  | 26  | 26  | 4   | 30  | 3   |
| 250         | 28  | 23  | 23  | 4   | 28  | 3   |
| 300         | 23  | 20  | 20  | 4   | 23  | 3   |
| 350         | 18  | 17  | 17  | 4   | 18  | 3   |
| 400         | 15  | 13  | 13  | 4   | 15  | 3   |
| 500         | 13  | 11  | 10  | 4   | 13  | 2,5 |
| 600         | 11  | 6   | 4   | 4   | 11  | 2,5 |
| 800         | 2   | 2   | 2   | 2   | 2   | 1   |
| 1000        | 2   | 2   | 2   | 2   | 2   | 1   |

a: altezza massima edificio di console

b: altezza massima edificio di pulizia di apertura

c: altezza massima edificio di T90

d: distanza massima tra due parentesi parete

e: altezza massima edificio di lunghezza elementi

f: massimo libero cantilever

## Макс. статические величины высоты монтажа и расстояния

a: макс. высота конструкции над консолью

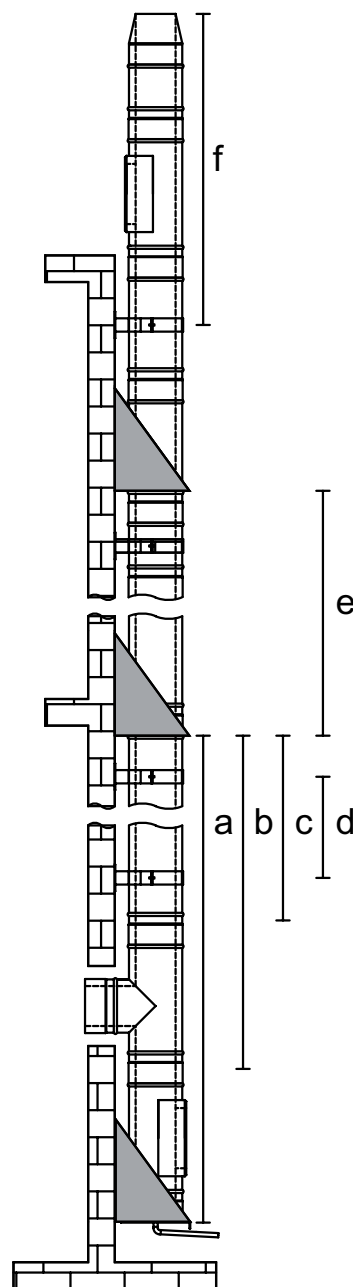
b: макс. высота конструкции над окошком прочистки

c: макс. высота конструкции над патрубком

d: макс. расстояние между двумя настенными кронштейнами

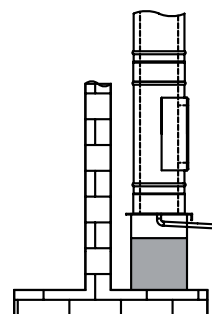
e: макс. высота конструкции над трубой

f: макс. длина свободного раструба



Alternativa:  
Альтернатива:

massimo libero cantilever  
Цокольный элемент, раздвижной



## Außenwandtemperaturen

Edelstahlschornsteine mit 50 mm Isolierung

Außenwandtemperaturen bei verschiedenen Kerntemperaturen

Nachstehende Temperaturangaben sind Ergebnisse von Ausbrenn- Prüfungen an dreischaligen Edelstahlschornsteinen, die von unabhängigen Prüfstellen in Deutschland durchgeführt wurden

| Kerntemperatur 350 °C |    |    |    |    |     |
|-----------------------|----|----|----|----|-----|
| Einwirkzeit (min)     | 5  | 30 | 60 | 90 | 120 |
| bei 50 mm Dämmung ISO | 20 | 20 | 35 | 47 | 47  |

| Kerntemperatur 500 °C |    |    |    |    |     |
|-----------------------|----|----|----|----|-----|
| Einwirkzeit (min)     | 5  | 30 | 60 | 90 | 120 |
| bei 50 mm Dämmung ISO | 20 | 35 | 74 | 76 | 76  |

| Kerntemperatur 1000 °C |    |    |     |     |     |
|------------------------|----|----|-----|-----|-----|
| Einwirkzeit (min)      | 6  | 10 | 15  | 20  | 30  |
| bei 50 mm Dämmung ISO  | 20 | 36 | 110 | 260 | 274 |

## Tabelle der Dübelanschlußkräfte in kN

| Querschnitt                  | Konsolen    |      |      | Wandhalter  |      |      | Kragarm-<br>länge |
|------------------------------|-------------|------|------|-------------|------|------|-------------------|
| Innenrohr                    | Wandabstand |      |      | Wandabstand |      |      |                   |
| (/)                          | 50          | 200  | 400  | 50          | 200  | 400  |                   |
| mm                           | mm          | mm   | mm   | mm          | mm   | mm   | m                 |
| 150                          | 0,66        | 1,06 | 1,63 | 0,42        | 0,72 | 1,15 | 3,00              |
| 200                          | 0,81        | 1,23 | 1,83 | 0,46        | 0,76 | 1,16 | 3,00              |
| 250                          | 0,88        | 1,26 | 1,82 | 0,52        | 0,80 | 1,19 | 3,00              |
| 300                          | 0,83        | 1,16 | 1,83 | 0,57        | 0,84 | 1,22 | 3,00              |
| 350                          | 0,75        | 1,04 | 1,45 | 0,54        | 0,79 | 1,13 | 3,00              |
| 400                          | 0,85        | 1,13 | 1,55 | 0,67        | 0,93 | 1,30 | 3,00              |
| 500                          | 0,76        | 0,98 | 1,29 | 0,65        | 0,86 | 1,16 | 2,50              |
| 600                          | 0,87        | 1,09 | 1,42 | 0,74        | 0,95 | 1,24 | 2,50              |
| 800                          | 0,97        | 1,30 | 1,38 | 0,86        | 1,01 | 1,26 | 1,00              |
| 1000                         | 1,13        | 1,31 | 1,55 | 1,00        | 1,17 | 1,40 | 1,00              |
| Dübelanzahl je Halterungsarm | 4           | 4    | 4    | 4           | 4    | 4    | 4                 |

Wichtiger Hinweis:

- Bei den Dübelanschlußkräften der Tabelle handelt es sich um Schrägzugkräfte je Befestigungsdübel (1kN entspricht 100 kg)
- Der Wandabstand des Schornsteinzuges darf maximal 40 cm betragen.  
(Größere Wandabstände nach Anfrage)
- Die Dübelkräfte für die Wandhalter gelten bei Höhen über Gelände bis zu 20 m.  
Für Schornsteinhöhe über Gelände bis zu 8,00 m gilt ein Abminderungsfaktor von 0,63.  
Für Schornsteinhöhe über Gelände zwischen 20,00 m und 100,00 m gilt ein Vergrößerungsfaktor von 1,38.



## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

### Comparison table exterior temperatures

stainless steelchimney with 50 mm isolation  
temperatures at different interior core temperatures

The following temperatures resulted from burning tests with double wall chimneys, that were proofed in germany by independent testing institutions

| core temperature 350 °C |    |    |    |    |     |
|-------------------------|----|----|----|----|-----|
| time (min)              | 5  | 30 | 60 | 90 | 120 |
| 50 mm isolation ISO     | 20 | 20 | 35 | 47 | 47  |

| core temperature 500 °C |    |    |    |    |     |
|-------------------------|----|----|----|----|-----|
| time (min)              | 5  | 30 | 60 | 90 | 120 |
| 50 mm isolation ISO     | 20 | 35 | 74 | 76 | 76  |

| core temperature 1000 °C |    |    |     |     |     |
|--------------------------|----|----|-----|-----|-----|
| time (min)               | 6  | 10 | 15  | 20  | 30  |
| 50 mm isolation ISO      | 20 | 36 | 110 | 260 | 274 |

## table for dowel tensile strength kN

| Cross section                            | Consoles      |      |      | wall band     |      |      | freestanding<br>without support |
|------------------------------------------|---------------|------|------|---------------|------|------|---------------------------------|
| interior pipe                            | Wall distance |      |      | Wall distance |      |      |                                 |
| (/)                                      | 50            | 200  | 400  | 50            | 200  | 400  |                                 |
| mm                                       | mm            | mm   | mm   | mm            | mm   | mm   | m                               |
| 150                                      | 0,66          | 1,06 | 1,63 | 0,42          | 0,72 | 1,15 | 3,00                            |
| 200                                      | 0,81          | 1,23 | 1,83 | 0,46          | 0,76 | 1,16 | 3,00                            |
| 250                                      | 0,88          | 1,26 | 1,82 | 0,52          | 0,80 | 1,19 | 3,00                            |
| 300                                      | 0,83          | 1,16 | 1,83 | 0,57          | 0,84 | 1,22 | 3,00                            |
| 350                                      | 0,75          | 1,04 | 1,45 | 0,54          | 0,79 | 1,13 | 3,00                            |
| 400                                      | 0,85          | 1,13 | 1,55 | 0,67          | 0,93 | 1,30 | 3,00                            |
| 500                                      | 0,76          | 0,98 | 1,29 | 0,65          | 0,86 | 1,16 | 2,50                            |
| 600                                      | 0,87          | 1,09 | 1,42 | 0,74          | 0,95 | 1,24 | 2,50                            |
| 800                                      | 0,97          | 1,30 | 1,38 | 0,86          | 1,01 | 1,26 | 1,00                            |
| 1000                                     | 1,12          | 1,31 | 1,55 | 1,00          | 1,17 | 1,40 | 1,00                            |
| Number of pegs for each mounting support | 4             | 4    | 4    | 4             | 4    | 4    | 4                               |

Important note:

- Dowel tensile strengths given in the table are oblique application of pull are given per dowel (1kN corresponds 100 kg)
- Maximum distance between wall and chimney may be up to 40 centimetres.  
(longer distance are available by request.)
- The dowel tensile strengths for wall bands are valid for hight up to 20 m above surface level.  
For chimneys with a hight of up to 8,00 m use a factor of 0,63 to calculate tensile strengths.  
For chimneys with a hight between 20,00 m and 100,00 m use a factor of 1,38 to calculate tensile strengths

## Température de la paroi extérieure

Conduit de cheminée inox avec 50 mm d'isolation

Température de la paroi extérieure selon la température au centre du tube

Les températures ci-dessous sont les résultats d'essais de combustion réalisés sur nos conduits en 3 couches par un organisme indépendant allemand

| Température de 350 ° au centre du tube |    |    |    |    |     |
|----------------------------------------|----|----|----|----|-----|
| A l'issue de (mn)                      | 5  | 30 | 60 | 90 | 120 |
| avec 50 mm isolant ISO                 | 20 | 20 | 35 | 47 | 47  |

| Température de 500 ° au centre du tube |    |    |    |    |     |
|----------------------------------------|----|----|----|----|-----|
| A l'issue de (mn)                      | 5  | 30 | 60 | 90 | 120 |
| avec 50 mm isolant ISO                 | 20 | 35 | 74 | 76 | 76  |

| Température de 1000 ° au centre du tube |    |    |     |     |     |
|-----------------------------------------|----|----|-----|-----|-----|
| A l'issue de (mn)                       | 6  | 10 | 15  | 20  | 30  |
| avec 50 mm isolant ISO                  | 20 | 36 | 110 | 260 | 274 |

## Résistance à l'arrachage des fixations kN

| Diamètre           | Console murale |      |      | Bride de fixation murale |      |      | Kragarm-<br>länge |
|--------------------|----------------|------|------|--------------------------|------|------|-------------------|
| Intérieur          | Ecart mural    |      |      | Ecart mural              |      |      |                   |
| (/)                | 50             | 200  | 400  | 50                       | 200  | 400  |                   |
| mm                 | mm             | mm   | mm   | mm                       | mm   | mm   | m                 |
| 150                | 0,66           | 1,06 | 1,63 | 0,42                     | 0,72 | 1,15 | 3,00              |
| 200                | 0,81           | 1,23 | 1,83 | 0,46                     | 0,76 | 1,16 | 3,00              |
| 250                | 0,88           | 1,26 | 1,82 | 0,52                     | 0,80 | 1,19 | 3,00              |
| 300                | 0,83           | 1,16 | 1,83 | 0,57                     | 0,84 | 1,22 | 3,00              |
| 350                | 0,75           | 1,04 | 1,45 | 0,54                     | 0,79 | 1,13 | 3,00              |
| 400                | 0,85           | 1,13 | 1,55 | 0,67                     | 0,93 | 1,30 | 3,00              |
| 500                | 0,76           | 0,98 | 1,29 | 0,65                     | 0,86 | 1,16 | 2,50              |
| 600                | 0,87           | 1,09 | 1,42 | 0,74                     | 0,95 | 1,24 | 2,50              |
| 800                | 0,97           | 1,30 | 1,38 | 0,86                     | 1,01 | 1,26 | 1,00              |
| 1000               | 1,12           | 1,31 | 1,55 | 1,00                     | 1,17 | 1,40 | 1,00              |
| Nombre de fixation | 4              | 4    | 4    | 4                        | 4    | 4    | 4                 |

Informations importantes :

1. Les indications ci-dessous tiennent compte d'une poussée oblique exercée sur le conduit.  
( 1 kN équivaut à 100 kg)
2. L'écart mural sera au maximum de 40 cm. Pour des écarts plus importants, nous consulter.
3. Les résistances à l'arrachage ci-dessous ne sont valables que jusqu'à une hauteur maximum de 20m à compter du sol.

Pour des installations inférieures à 8m de hauteur l'ont pourra minorer les données ci-dessus par le coef. 0,63. Cependant au-delà de 20m de hauteur et jusqu'à 100m appliquer le coef 1,38

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

### Temperatura esterne del camino

doppia parete con 50 mm isolazione

temperatura esterna e temperature diverse interne

camini in acciaio inox a doppia parete con 25mm isolazione con temperature esterne e interne del condotto-camino con i vari risultati di prove degli istituti in Germania.

| Temperatura intera 350 °C                    |    |    |    |    |     |
|----------------------------------------------|----|----|----|----|-----|
| temperatura resistente al massimo/dot minuti | 5  | 30 | 60 | 90 | 120 |
| a 50 mm di isolamento ISO                    | 20 | 20 | 35 | 47 | 47  |

| Temperatura intera 500 °C                    |    |    |    |    |     |
|----------------------------------------------|----|----|----|----|-----|
| temperatura resistente al massimo/dot minuti | 5  | 30 | 60 | 90 | 120 |
| a 50 mm di isolamento ISO                    | 20 | 35 | 74 | 76 | 76  |

| Temperatura intera 1000 °C                   |    |    |     |     |     |
|----------------------------------------------|----|----|-----|-----|-----|
| temperatura resistente al massimo/dot minuti | 6  | 10 | 15  | 20  | 30  |
| a 50 mm di isolamento ISO                    | 20 | 36 | 110 | 260 | 274 |

## tabella con dati tecnici di portata

| diametro            | supporto interEuropa |      |      | collare di fissaggio a parete |      |      | massimo altezza<br>senza fisaggio |
|---------------------|----------------------|------|------|-------------------------------|------|------|-----------------------------------|
| Tubo interno        | distanza muro        |      |      | distanza muro                 |      |      |                                   |
| (/)                 | 50                   | 200  | 400  | 50                            | 200  | 400  |                                   |
| mm                  | mm                   | mm   | mm   | mm                            | mm   | mm   | m                                 |
| 150                 | 0,66                 | 1,06 | 1,63 | 0,42                          | 0,72 | 1,15 | 3,00                              |
| 200                 | 0,81                 | 1,23 | 1,83 | 0,46                          | 0,76 | 1,16 | 3,00                              |
| 250                 | 0,88                 | 1,26 | 1,82 | 0,52                          | 0,80 | 1,19 | 3,00                              |
| 300                 | 0,83                 | 1,16 | 1,83 | 0,57                          | 0,84 | 1,22 | 3,00                              |
| 350                 | 0,75                 | 1,04 | 1,45 | 0,54                          | 0,79 | 1,13 | 3,00                              |
| 400                 | 0,85                 | 1,13 | 1,55 | 0,67                          | 0,93 | 1,30 | 3,00                              |
| 500                 | 0,76                 | 0,98 | 1,29 | 0,65                          | 0,86 | 1,16 | 2,50                              |
| 600                 | 0,87                 | 1,09 | 1,42 | 0,74                          | 0,95 | 1,24 | 2,50                              |
| 800                 | 0,97                 | 1,30 | 1,38 | 0,86                          | 1,01 | 1,26 | 1,00                              |
| 1000                | 1,12                 | 1,31 | 1,55 | 1,00                          | 1,17 | 1,40 | 1,00                              |
| quantita delle viti | 4                    | 4    | 4    | 4                             | 4    | 4    | 4                                 |

Attenzione:

1. Il consiglio della tabella è solo per una vite
2. La distanza del camino non può superare una distanza 40 cm.
3. I dati della tabella per il camino valgono solo fino a 20 m.  
Per camini fino a un'altezza di 8 m, vale un fattore di 0,63.  
Per camini fino a un'altezza di 20 m fino a 100 m vale un fattore di 1,38.



## Сопоставление температур наружных стенок дымохода

Дымовые трубы из нержавеющей стали 50мм изоляции.

Температура наружных стенок дымохода при различных постоянных температурах.

Приведенные таблицы являются результатами испытаний независимых экспертов в Германии.

| Основная температура 350 °C |    |    |    |    |     |
|-----------------------------|----|----|----|----|-----|
| Срок воздействия (мин)      | 5  | 30 | 60 | 90 | 120 |
| при 50 мм изоляции ISO      | 20 | 20 | 35 | 47 | 47  |

| Основная температура 500 °C |    |    |    |    |     |
|-----------------------------|----|----|----|----|-----|
| Срок воздействия (мин)      | 5  | 30 | 60 | 90 | 120 |
| при 50 мм изоляции ISO      | 20 | 35 | 74 | 76 | 76  |

| Основная температура 1000°C |    |    |     |     |     |
|-----------------------------|----|----|-----|-----|-----|
| Срок воздействия (мин)      | 6  | 10 | 15  | 20  | 30  |
| при 50 мм изоляции ISO      | 20 | 36 | 110 | 260 | 274 |

## Таблица нагрузок на дюбель в kN

| Диаметр                              | Консоли             |      |      | Настенный кронштейн |      |      | Длина опоры<br>для раструба |
|--------------------------------------|---------------------|------|------|---------------------|------|------|-----------------------------|
| Внутренняя Труба                     | Расстояние от стены |      |      | Расстояние от стены |      |      |                             |
| (/)                                  | 50                  | 200  | 400  | 50                  | 200  | 400  |                             |
| mm                                   | mm                  | mm   | mm   | mm                  | mm   | mm   | m                           |
| 150                                  | 0,66                | 1,06 | 1,63 | 0,42                | 0,72 | 1,15 | 3,00                        |
| 200                                  | 0,81                | 1,23 | 1,83 | 0,46                | 0,76 | 1,16 | 3,00                        |
| 250                                  | 0,88                | 1,26 | 1,82 | 0,52                | 0,80 | 1,19 | 3,00                        |
| 300                                  | 0,83                | 1,16 | 1,83 | 0,57                | 0,84 | 1,22 | 3,00                        |
| 350                                  | 0,75                | 1,04 | 1,45 | 0,54                | 0,79 | 1,13 | 3,00                        |
| 400                                  | 0,85                | 1,13 | 1,55 | 0,67                | 0,93 | 1,30 | 3,00                        |
| 500                                  | 0,76                | 0,98 | 1,29 | 0,65                | 0,86 | 1,16 | 2,50                        |
| 600                                  | 0,87                | 1,09 | 1,42 | 0,74                | 0,95 | 1,24 | 2,50                        |
| 800                                  | 0,97                | 1,30 | 1,38 | 0,86                | 1,01 | 1,26 | 1,00                        |
| 1000                                 | 1,12                | 1,31 | 1,55 | 1,00                | 1,17 | 1,40 | 1,00                        |
| Количество дюбелей на один кронштейн | 4                   | 4    | 4    | 4                   | 4    | 4    | 4                           |

Важная ссылка:

- В таблице нагрузок на дюбеля речь идет о силах давления/ изгиба на каждый крепежный дюбель (1kN соответствует 100 кг)
- Расстояние от середины шахты до стены должно быть не больше 40 см. (другие расстояния по запросу)
- Нагрузки на дюбель для настенной консоли указаны из расчета высоты трубы в 20 м.  
 При высоте дымоходной трубы до 8,00 м действителен уменьшающий коэффициент 0,63.  
 При высоте дымоходной трубы между 20,00 м и 100,00 м действителен увеличивающий коэффициент 1,38.

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine



### Montageanleitung doppelwandiges System eka complex Europ D

Das System „eka complex Europ D“ ist ein universelles dreischaliges ( isoliertes ) System zur Ableitung von Abgasen aus Wärmezeugern. Das feuchteunempfindliche System ist rußbrandbeständig. Es kann am Gebäude oder innen angebaut werden. Es ist für Unterdruck und Überdruck geeignet.

Auf das Fundament oder das entsprechende Sockelelement oder die verstellbare Wandkonsole wird die Bodenplatte mit Kondensatablauf geschraubt. Darüber wird die Prüföffnung gesetzt. Aus den baulichen Gegebenheiten, Anschlußhöhe der Verbindungsleitung und Höhe des Schornsteinfußes, ergibt sich, ob auf die Prüföffnung direkt der Feuerungsanschluß aufgesetzt wird oder ob ein Längenelement ( L 10, L5, L3 ) dazwischen gebaut wird.

Die Steckverbindungen müssen sauber sein. Über dem Feuerungsanschluß werden die entsprechend der Schornsteinhöhe erforderlichen Längenelemente montiert. Auf das letzte Längenelement ist ein Mündungsabschluß (M) oder eine Regenhaube (RH) aufzustecken.

Zwischen je zwei Elementen ist die **Verbindung** durch ein Klemmband zu sichern (Ausnahme Mündungsabschluß/Regenhaube). Im Klemmband KIV befindet sich das Dichtmittel. Mindestens alle 4 m ist die Abgasanlage mittels Wandhalter zu befestigen. Die freie Auskragung oberhalb des letzten Wandhalters darf 3 m nicht überschreiten. Andernfalls sind Seilabspannungen oder ein Kragarm erforderlich.

Wir empfehlen, bei **Abständen von der Wand** größer als 250 mm und bei Nennweiten größer als 200 mm die gesamte Abgasanlage auf ein Sockelelement oder einen bauseitigen Sockel aufzubauen.

Die Abgasanlage darf schräggeführt werden. Zulässig sind Schrägfürungen bis max. 90° (empfehlenswert max. 45°C°). Oberhalb der **Schrägführung** ist eine Zwischenstütze erforderlich, wenn die Höhe der Abgasanlage mehr als ca. 1 m beträgt, andernfalls genügt ein Wandhalter.

Zwischenstützen sind gegebenenfalls auch bei großen Bauhöhen und großen Nennweiten erforderlich. Hier ist das Informationsblatt „Maximal statische Montagehöhen und Abstände“ zu beachten. Vor jedem Bogen und unter jeder Zwischenstütze ist ein Kompensator einzubauen.

Bei einer Wand aus brennbaren Materialien muß ein doppelwandiges, isoliertes Längenelement bis in das Gebäude führen, erst innerhalb darf die Verbindungsleitung einwandig weitergeführt werden. Besteht die Wand aus nichtbrennbaren Baustoffen, kann der Übergang zum einwandigen Teil auch im Bereich der Wand erfolgen.

Auf den Feuerungsanschluß bzw. beim **Übergang** von der dreischaligen auf die **einwandige Ausführung**, ist das „Übergangsstück inkl. Abdeckung der Wärmedämmung“ EÜ zu verwenden.

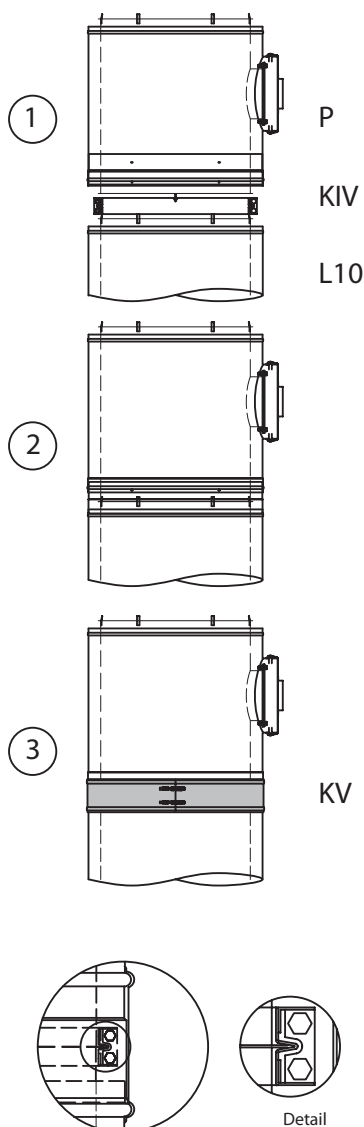
Wird die Anlage durch z.B. einen **Dachvorsprung** geführt ist entsprechend der Dachneigung eine Dachdurchführung ins Dach einzubauen. Der verbleibende Ringspalt zwischen der Außenseite der doppelwandigen Abgasanlage und der Dachdurchführung ist mit einem Regenkragen (RK/RKED) gegen eindringendes Regenwasser zu schützen. Dieser sollte etwa 3-4 cm oberhalb der Dachdurchführung angeschraubt werden. Der Regenkragen sollte z.B. mit Silikon abgedichtet werden. Es empfiehlt sich, diese Dachdurchführung zu hinterlüften. An die Unterseite des Dachvorsprungs kann eine zweiteilige Blende befestigt werden, die diese Hinterlüftung zulässt. Gemäß FeuVO ist bei dieser Durchführung durch einen Dachvorsprung ein Mindestabstand zu Balken und brennbaren Bauteilen ähnlicher Abmessungen von 2 cm einzuhalten.

Ein **Berührungsschutz** dieser Abgasanlage ist gemäß DIN 18160-1, Ausgabe Dezember 2001 nur erforderlich, wenn bei bestimmungsgemäßem Betrieb der Feuerungsanlagen die Oberflächentemperatur mehr als 70°C beträgt **und** eine unbeabsichtigte Berührung nicht ausgeschlossen werden kann. In diesem Fall ist er bis in eine Höhe von 2 m über Fußboden bzw. Verkehrsfläche zu führen. Hier ist das Informationsblatt „Tabelle der Oberflächentemperaturen“ zu beachten.

Der **Abstand zu brennbaren Bauteilen** von der Außenschale ist entsprechend der Zertifizierung nach EN 1856-1 beim Anbau der Abgasanlage an eine Wand aus komplett brennbaren Bauteilen einzuhalten. Bei nichtbrennbaren Wänden beträgt der Mindestabstand 50 mm.

**Die Ausführungen sind vor Baubeginn mit dem zuständigen Bezirksschornsteinfegermeister abzustimmen.**

Montagehinweis





## Assembly instructions for double wall system eka complex Europ D

The system „eka complex Europ D“ is a universal isolated stainless steel system for derivation of exhaust gases from boilers.

This damp proof chimney is also soot fire proofed. It can be built inside or outside of buildings and at steel constructions. The system is suitable for negative or positive pressure.

On the foundation or a suitable basic element or an adjustable wall support the bottom plate with drain is fixed by screws. Above the inspection length is placed. Depending on architectural circumstances, the height of the connecting pipe and the height of the bottom plate a lengthening element (L 10, L5, L3) will be installed or, if possible, the inspection length will be placed directly above the furnace.

The connections must be clean. Above the T-element the length elements necessary are mounted. On top of the last length element a top stub (M) or a rain cap (RH) is to be mounted.

Between two elements the connection is established by a locking band. Inside the locking band KIV ceramic paste is to be applied. At least every 4 m the chimney is to be secured by a wall band. The free length above the last wall band may not exceed 3 m. Otherwise a steel rope or a steel construction are necessary for stability.

We recommend to build up the chimney on a basic element or a available foundation with distances from the wall greater than 250 mm and with nominal diameter greater than 200 mm.

The chimney may be led obliquely. Elbows up to a max. of 90 ° (better until 45 °) are allowed. Above this elbow a intermediate plate based on a adjustable wall support is necessary if the height of the chimney exceeds 1.5 m. Otherwise a wall band is possible. See table „Maximum height and distances“. Before every elbow and directly under an intermediate plate a compensator is to be installed.

If a wall constructed from inflammable materials is present a double wall length is to lead to the inner wall side of the building. From this point the connecting pipe may be continued by single wall elements. If the wall is constructed from non- inflammable materials the connection of double wall and single wall elements may be inside of the wall.

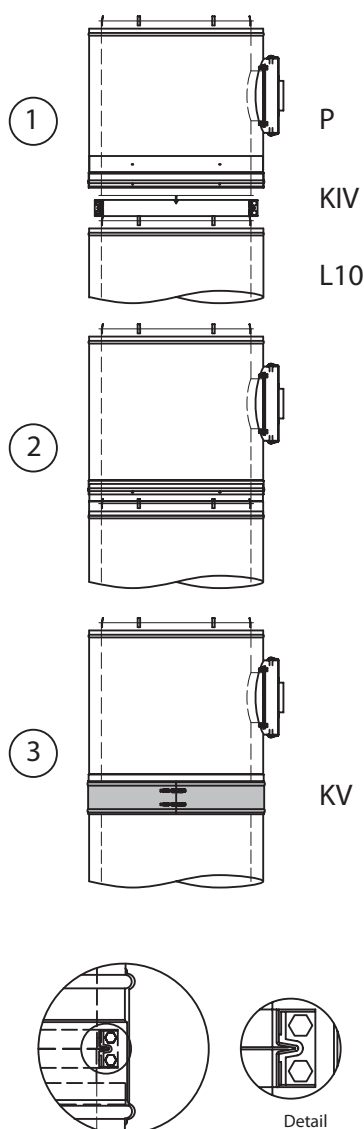
On the T-element or on the connection between double wall and single wall system the element „adapter with collar EÜ“ is to use.

If the chimney is led through a roof a adjustable flashing with the correct inclination is to use. The remaining ring gap between the outside of the double wall element and the roof is to be protected with a rain collar RK/RKED against penetrating rainwater. This should be fixed about 3-4 cm above the adjustable flashing. The rain collar should be sealed, e.g., with silicone. It is advisable to ventilate this ring gap. Below the adjustable flashing a two-part face plate with ventilation is to be used. The national directions are to be followed.

A contact protection of this chimney is, according to German Institute for Standardization 18160-1, issue December, 2001 only necessarily if the surface temperature amounts to more than 70 ° C and an unintentional contact cannot be excluded. In this case it is to be led up to a height of 2 m above ground or public spaces. See the table „Comparison table exterior temperatures“.

The distance to an inflammable wall of the outside pipe is according to the certification to EN 1856-1. If the wall is not inflammable the distance is 50 mm.

installation instructions



## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

**eka**  
edelstahlkamine

### Notice de montage du système double paroi eka complex Europ D

Le système complexe eka complex Europ D est un conduit de cheminée universel constitué de 3 couches (inox/isolation/inox). Le système complex Europ D peut être utilisé pour l'évacuation des fumées ou des gaz d'échappement de tout type de chaudière. Le système est insensible à l'humidité et résiste aux feux de cheminée. Il peut être monté à l'intérieur des bâtiments. Le système est convenable pour le négatif ou la pression positive.

Pour le montage départ au sol ou fixation murale choisissez l'une des plaques de base de la gamme avec écoulement des condensats. Ensuite posez l'élément avec trappe de visite approprié. Le système est convenable pour le négatif ou la pression positive.

Les contraintes architecturales, et la hauteur du raccordement à la buse de la chaudière pourront nécessiter l'utilisation d'un élément de longueur (L 10, L5, L3).

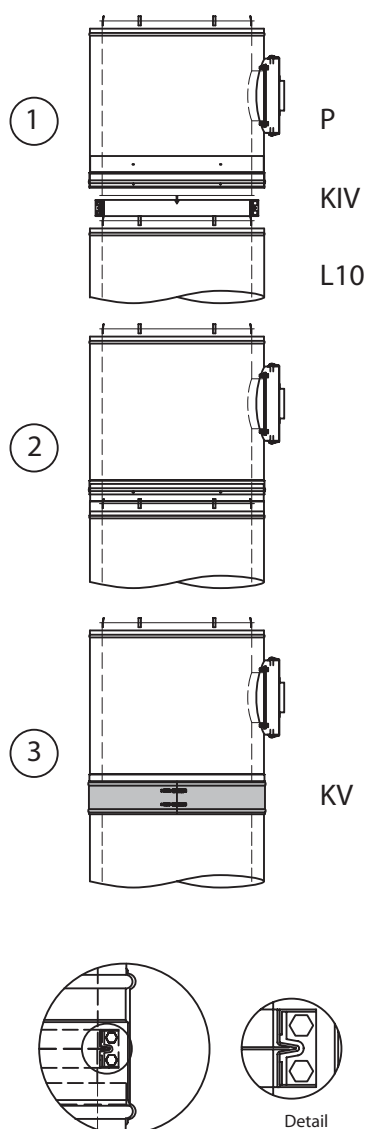
L'enfoncé des connexions doivent être propres. Une fois le Té de raccordement à la bonne hauteur, ajoutez autant d'éléments droits que nécessaire.

Sécurisez les assemblages par des colliers de fixation vissés (K), à l'exception du cône de finition ou cape de dilatation (M) ou sur le chapeau pare pluie (RH). Dans le KIV verrouillant de bande pâte en céramique est être appliquée.

Attention à bien respecter tous les directives techniques du DTU Français qui prévoit notamment qu'aucun assemblage entre composants de conduit de fumée ne doit se situer dans l'épaisseur des planchers traversés.

Outre la fixation à la base, il convient de fixer le conduit par une bride de fixation murale (W) tous les 4 mètres.

instructions d'installation



Il est possible de laisser dépasser le conduit de la toiture de 3 m à compter du dernier point de fixation. Au delà il faudra placer un haubanage (SA).

Si le conduit devait être placé à plus de 250 mm d'écart au mur ou pour des conduits d'un diamètre supérieur à 200 mm, nous recommandons l'utilisation d'un élément de socle (SST ou SV) ou d'un socle bétonné.

Les conduits de cheminées peuvent être installés en oblique voire jusqu'en horizontal 90° (mieux 45 °C). Cependant des fixations supplémentaires sont alors nécessaires. reportez vous au "tableau des distances et hauteurs statiques max. entre fixations". Avant que chaque coude et directement sous une plaque inter-médiaire un compensateur est être installé. Là ecore, nous vous prions de respecter strictement le DTU Français qui n'autorise les dévoiements que dans des conditions très strictes. Les directives techniques des pays concernés pourraient être plus restrictives que les possibilités techniques de nos conduits. Notamment pour les passages des murs et des dalles, nous prévoyons d'utiliser toujours du conduit double paroi et des pièces spécialement adaptées avec fourreau ex. EüWF ou BPZK WF.

Pour le raccordement il y a lieu d'utiliser les pièces EÜ qui permettent la transition du Double Paroi / Simple Paroi et également le recouvrement de l'isolant.

Dans l'hypothèse où un débord de toiture doit être traversé par un conduit double paroi, il y a lieu d'utiliser un solin de toit (DGB) approprié (RK/RKED).

L'étanchéité sera assurée par une collerette (RK) fixée 3-4 cm au-dessus du DGB. Une jointure au mastic silicone peut-être conseillé pour compléter l'étanchéité entre la collerette et le conduit double paroi.

Une lame d'air doit être assurée entre le conduit double paroi, le solin, et la collerette, si la réglementation ne s'y oppose pas.

En tout état de cause, les écarts au feu réglementaires sont impérativement à respecter. Nos conduits sont conformes à la norme DIN 18160-1, édition de décembre 2001. Dans des conditions normales d'utilisation, notre conduit Double paroi isolé 25 mm ne devrait pas dépasser les températures qui sont indiquées dans le "tableau des températures de la paroi extérieure" Il y a lieu en conséquence, afin de respecter le DTU Français de prévoir une protection thermique par un habillage ou une gaine de protection. Elle sera ventilée selon le cas ;

Conformément à notre agrémentation en norme EN 1856-1, la distance sécurité aux composants inflammables de la paroi extérieure, et de 50 mm pour les composants non inflammables.

Dans tous les cas il y a lieu avant montage de prendre l'avis technique du maître ramoneur géographiquement compétent.

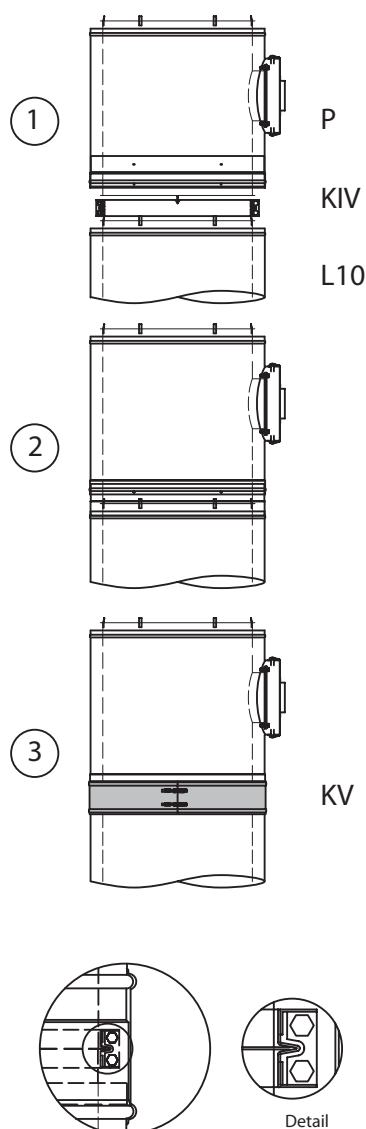
## **Manuale di montaggio per sistemi eka canne fumarie a doppia parete complex Europ D**

Il sistema "eka complex Europ D" è un sistema universale a triplo involucro (isolato) per sistemi di canne fumarie per la conduzione di gas di scarico da sistemi per produzione calore. Il sistema è insensibile all'umidità e resistente a incendio di fuliggine. Può essere montato all'interno o all'esterno dell'edificio. Il sistema è conveniente per la pressione negativa o positiva.

Sull'fondamento viene avvitato il supporto basale. Al di sopra del support basale viene infilato l'elemento di ispezione bassa o alta temperatura. Dalla circostanza costruttiva, l'altezza del giunto di conduzione e l'altezza della base dell'comignolo viene deciso se l'elemento di ispezione viene montato direttamente sotto l'abboccatura del generatore di calore o se viene usato un modulo lineare. Ogni collegamento conficcato è essere meccanicamente indurito. I collegamenti conficcati devono essere puliti. Dopo viene di nuovo composto l'elemento lineare accorciabile. Sopra l'abboccatura "T" vengono montati i moduli lineari, che servono per ottenere l'altezza giusta per il comignolo. Sul ultimo modulo lineare viene infilato un incrementatore (M) o un cappello cinese (RH). Nel KIV di banda chiude a chiave pasta di ceramica è essere applicato.

Tra ogni collegamento dei moduli e elementi è da usare una fascia di chiusura giunzioni (tranne sul giunto incrementatore / cappello cinese). Almeno ogni 4 metri la canna fumaria è da bloccare con un collare di fissaggio a parete. Il libero collare sopra l'ultimo collare di fissaggio a parete non deve oltrepassare i 3 m, e se è più alto deve essere bloccato col'aiuto di cavi tiranti o un collare a bracciolo.

Istruzioni di installazione



Per distanze superiori dei 250 mm, distanza nominale di 200 mm dalla parete si consiglia di usare un elemento base per la canna fumaria, camino.

L'installazione dei condotti scarico fumi può essere eseguita anche diagonalmente, permesso sono gomiti e moduli diagonali fino a 90° (raccomandata max. 45 °C). Sopra la conduzione diagonale è necessario usare un supporto a terra (a partire da 1m dell'sistema di conduzione dei gas di scarico, altrimenti basta un supporto a muro). Supporti a terra sono anche da usare per grandi altezze della costruzione e grandi distanze nominali. Per questo è da usare il foglio informativo "altezze e distanze statiche massimali per il montaggio". Prima che ogni gomito e direttamente sotto un piatto intermedio un compensatore è essere installato.

Con muri di materiale infiammabile si deve usare i moduli e elementi a doppia parete che porta fino all'interno dell'edificio. Appena adesso può essere installato il sistema scarico fumi monoparete. Per muri e material non infiammabili il passaggio dal sistema a doppia parete al sistema monoparete può essere eseguito direttamente nell'interno del muro.

Sull'abboccatura a "T" e sull'passaggio da triplo involucro a sistema a mono parete è consigliato di usare "un elemento di passaggio e un coperchio per l'isolamento" EÜ. Se il sistema viene condotto attraverso un tetto, deve essere usato un faldale inclinato. La distanza tra l'esterno dell'sistema a doppia parete e faldale inclinato è da coprire con un collare antipioggia (RK/RKED), il cui deve essere avvitato ca. 3-4 cm al di sopra del faldale inclinato. Per una migliore paratoria è consigliato di tappare il faldale con un po' di silicone e di areare dal di sotto il faldare. Conforme a FeuVO su condotti-camini attraverso tetti è da rispettare la distanza minima di 2 cm da travi e materiali infiammabili.

A seconda della legge DIN 18150-1, del dicembre 2001 una protezione di contatto è solamente da usare, se quando il generatore di calore è in funzione e la superficie dell'scarico fumi-camino supera i 70°, o se un contatto senza intenzione non è escluso. In questo caso è necessario usarlo ad un'altezza di 2 m dalla base. Come aiuto si può usare e si deve rispettare il foglio informativo "tabella delle temperature superfice dell'condotto scarico fumi-camini".

La distanza da materiali infiammabili dall'involucro esterno a conforme della certificazione EN1856-1 per fissazione di sistemi di scarico fumi-camini a pareti completamente infiammabili è da rispettare. Per il fissaggio a pareti non infiammabili la distanza minima è di 50 mm.

**L'esecuzione e l'installazione dei sistemi di scarico fumi - camini è da fissare con lo spazzacamino della zona.**

## Doppelwandiges Flanschsystem eka complex Europ D (doppelwandig)

Innenrohr 1,0 mm  
Isolierdicke 50 mm

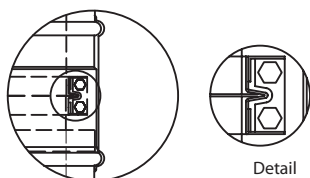
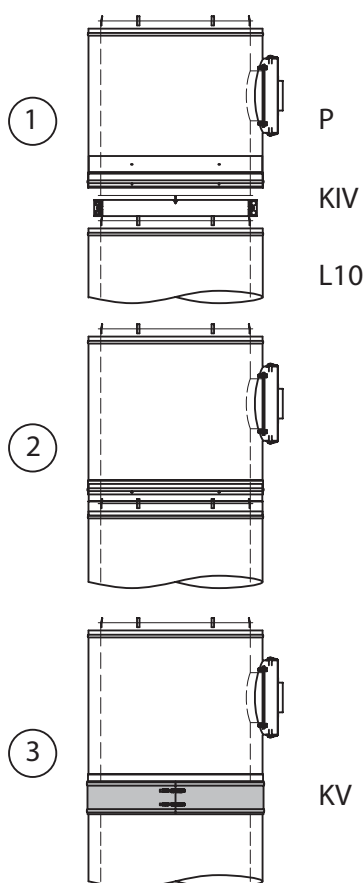
**eka**  
edelstahlkamine



### Руководство по монтажу системы комплекс крышка Европ Д

Система „комплекс Европ Д“ - это универсальная (изолированная) система отведения отработавших газов из отопительных установок. Влагоустойчивая и огнеупорная система. Может применяться внутри и снаружи здания. Система является подходящей для отрицательного или положительного давления. На фундамент, соответствующий цокольный элемент или к настенной консоли прикручивается напольная плита. Над ней устанавливается окошко для просмотра и прочистки. Исходя из проектных данных (высоты от почвы до Т - образного участка, а так же месторасположения напольной плиты с конденсатоотводом) определяется необходим ли между окошком для просмотра и патрубком к газоходу дополнительный отрезок трубы (L10, L5, L3). участки для соединения закрепляются вручную (для стабильности конструкции рекомендуется соединять трубы положив на одну деревянную поперёк (можно использовать деревянную поверхность и молоток). участки для соединения труб должны быть очищены. Подогнанные под нужный размер элементы снова соединяются. Над патрубком к газоходу надстраивается необходимое количество труб. На последний элемент трубы надстраивается оголовок (М) или оголовок конический (AST) или дождевой козырёк (RH). В полосе захвата KIV должна быть применена керамическая паста. Каждый стык закрепляется крепёжной полосой (исключения: оголовок, оголовок конический, дождевой козырёк). Трубу следует закреплять с помощью настенных кронштейнов через каждые 4 м. Верхний раструб (расстояние от последнего настенного кронштейна) не должен превышать 3 м при диаметре.

инсталляционные инструкции



Detail

Мы рекомендуем при расстоянии от стены больше чем 250 мм и при номинальных величинах больше 200 мм устанавливать систему на цокольный элемент или на фундамент постройки предусмотрев в последнем случае возможность отведения конденсата. При монтаже системы допускаются участки с наклоном до 90° (дуге макс. 45 С°). Над наклонным участком необходима промежуточная опора - если высота дымохода над этим участком превышает 1 м, в другом случае достаточно настенного кронштейна. Промежуточные опоры необходимы также при большой высоте системы или больших диаметрах дымохода. Здесь нужно обращать внимание информационный бюллетень „Максимально статические высоты монтажа и расстояния“. Перед каждым локтем и непосредственно под промежуточной пластиной должен быть установлен компенсатор. При наличии стены из пожароопасных материалов в качестве соединительного участка должен использоваться переходной элемент с кожухом теплоизоляции, который должен доходить до внутренних стен здания и только внутри можно перейти к одностенной системе. При стенах из огнеупорных материалов достаточен одностенный соединительный элемент. На участке соединения с патрубком к газоходу или при переходе с двустенного участка трубы на одностенный также необходимо применять переходный элемент с кожухом теплоизоляции типа EÜ. При проходе через крышу необходимо учитывать её наклон и использовать соответствующие крышные перегородки. Щель, образовавшуюся между дымоходом и крышной перегородкой необходимо защитить от влаги с помощью дождевого козырька (RK/RKED). Его следует прикрутить на расстоянии 3-4 см над крышной перегородкой. Рекомендуется также обеспечить подачу воздуха к крышной перегородке. Для этого используется защитный козырёк - который прикручивается к нижней стороне крыши (между стеной и выступом крыши) Если температура поверхностей составляет больше чем 70 °С и не исключается неумышленное соприкосновение, должна соблюдаться защита от соприкосновения **соответствующая сертификации DIN 18160-1** **Расстояние от пожароопасных строительных частей наружной стенки дымохода соответствует сертификации EN 1856-1 и должно соблюдаться при монтаже на стене.** При стенах из огнеупорных материалов минимальный интервал составляет 50 мм.