

Standardprogramm Gasfedern  
Standard programme for gas springs  
Programme standard pour ressorts à gaz

**BLOC-O-LIFT®**

**LIFT-O-MAT®**

**STAB-O-BLOC®**

**STAB-O-MAT®**



...macht Technik komfortabel  
... technology gives comfort  
...rend la technique confortable

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**LIFT-O-MAT®**

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Heben, senken, bewegen, verstellen.  
Lifting, lowering, moving, adjusting.  
Levage, descente, déplacement, réglage.

**BLOC-O-LIFT®**

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Stufenlos verstellen, starr oder federnd blockieren.  
Variable positioning, rigid or spring blocking.  
Réglage en continu, blocage rigide ou élastique.

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






50 – 69

Stufenlose Höhenverstellung von Drehstühlen  
Stepless height adjustment of swivel chairs  
Réglage progressif en hauteur des chaises pivotantes

Tipps und Hinweise / Tips and Hints / Conseils et indications

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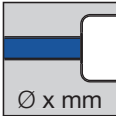
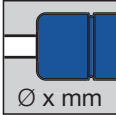
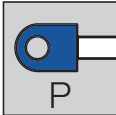
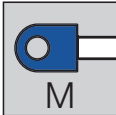
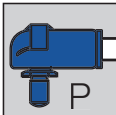
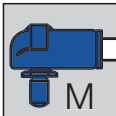
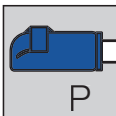
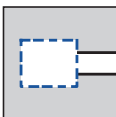
|  $\emptyset$ x mm |  $\emptyset$ x mm |  P |  M |  P |  M |  P |  | Seite<br>Page<br>Page |
|--|--|---|---|---|---|---|--|-----------------------|
|  |  |   |   |   |   |   |  |                       |
| 6  | 15   |   |   |   |   | <input type="checkbox"/>  |  | 8                     |
| 6  | 15   |   |   | <input type="checkbox"/>  |   |   |  | 9                     |
| 6  | 15   | <input type="checkbox"/>  |   |   |   |   |  | 10                    |
| 6  | 15   |   | <input type="checkbox"/>  |   |   |   |  | 11                    |
| 8  | 19   |   |   |   |   | <input type="checkbox"/>  |  | 12                    |
| 8  | 19   |   |   | <input type="checkbox"/>  |   |   |  | 13                    |
| 8  | 19   | <input type="checkbox"/>  |   |   |   |   |  | 14                    |
| 8  | 19   |   | <input type="checkbox"/>  |   |   |   |  | 15                    |
| 10   | 22   |   |   |   |   | <input type="checkbox"/>  |  | 16                    |
| 10   | 22   |   |   | <input type="checkbox"/>  |   |   |  | 17                    |
| 10   | 22   |   | <input type="checkbox"/>  |   |   |   |  | 18                    |
| 14   | 28   |   |   |   | <input type="checkbox"/>  |   |  | 20                    |
| 14   | 28   |   | <input type="checkbox"/>  |   |   |   |  | 21                    |
| 20   | 42   |   | <input type="checkbox"/>  |   |   |   |  | 22                    |
| 20   | 42   |   | <input type="checkbox"/>  |   |   |   |  | 23                    |
| 8  | 19   |   |   |   |   |   | <input type="checkbox"/>   | 24                    |
| 10   | 22   |   |   |   |   |   | <input type="checkbox"/>   | 25                    |
| 14   | 28   |   |   |   |   |   | <input type="checkbox"/>   | 26                    |

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Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06

# LIFT-O-MAT®

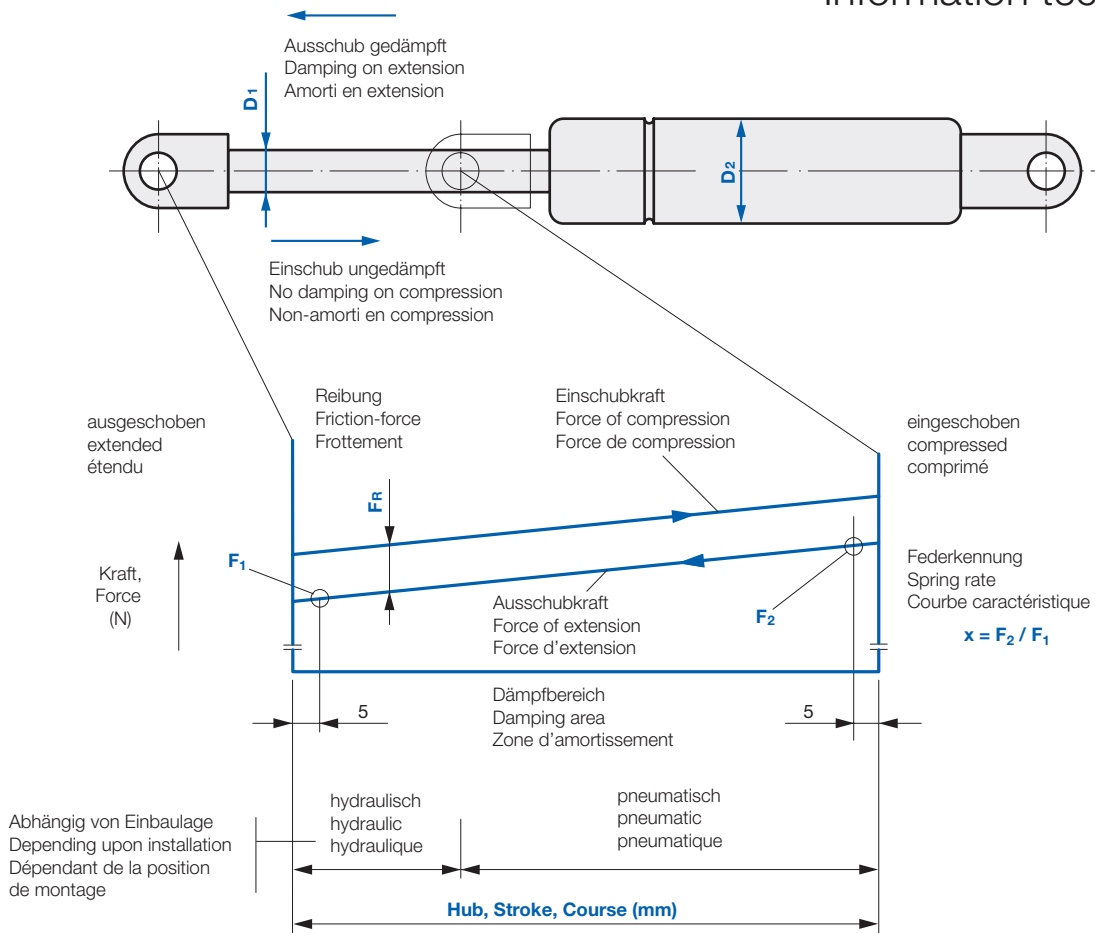
Heben, senken, bewegen, verstellen.  
 Lifting, lowering, moving, adjusting.  
 Levage, descente, déplacement, réglage.

|   |   |
|---|---|
| Kolbenstange<br>Piston rod<br>Tige de piston  |  <p>Ø x mm</p> |
| Druckrohr<br>Pressure tube<br>Tube de pression  |  <p>Ø x mm</p> |
| Auge Kunststoff<br>Eyelet plastic<br>Oeil plastique                                   |  <p>P</p>      |
| Auge Metall<br>Eyelet metal<br>Oeil métal   |  <p>M</p>      |
| Winkelgelenk Kunststoff<br>Angle joint plastic<br>Cage à rotule plastique avec rotule |  <p>P</p>      |
| Winkelgelenk Metall<br>Angle joint metal<br>Cage à rotule métal avec rotule           |  <p>M</p>     |
| Winkelgelenk Kunststoff<br>Angle joint plastic<br>Cage à rotule plastique avec rotule |  <p>P</p>    |
| Anschluß variabel<br>Endfitting variable<br>Fixation variable                         |              |
| Zubehör<br>Accessories<br>Accessories   |   |

Notizen / Notes / Notes

A large grid area for taking notes, consisting of 20 columns and 30 rows of small squares.

Technische Informationen  
 Technical information  
 Information technique



Einbaulage vorzugsweise mit Kolbenstange nach unten, hierdurch Wirksamkeit der hydraulischen Dämpfung.  
 Installation: Preferably with piston rod down thus permitting effect of hydraulic cushioning.  
 De préférence tige vers le bas pour obtention de l'amortissement de fin de course.

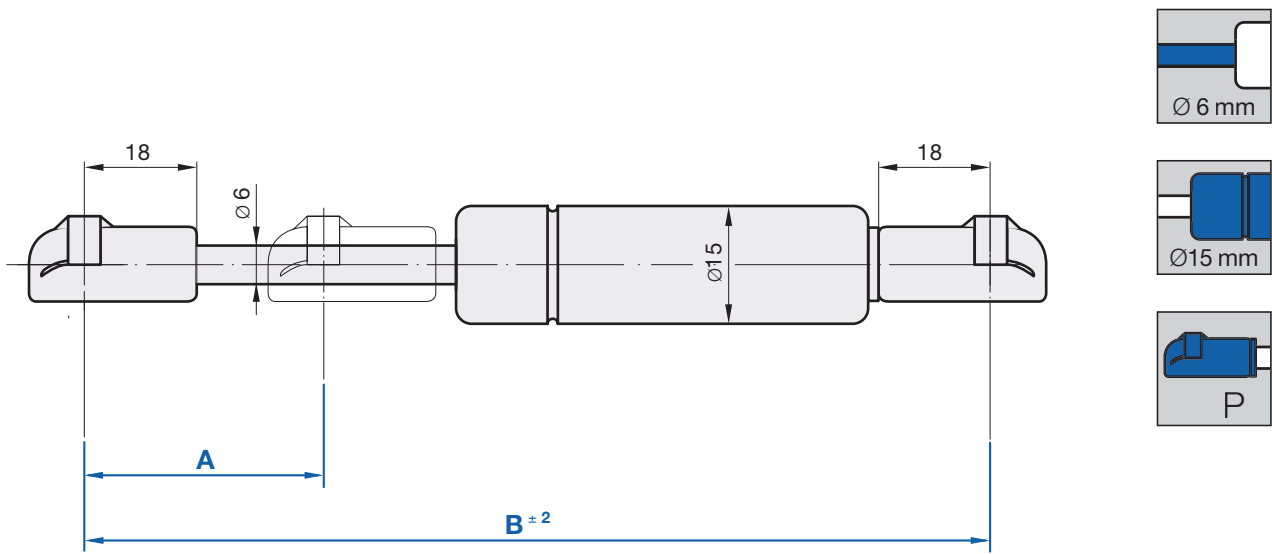
| D1<br>(mm) | D2<br>(mm) | Ausschubkraft<br>Force of extension<br>Force d'extension<br>F <sub>1</sub> (N) |       | max. Hub<br>Stroke<br>Course<br>(mm) | X<br>(≈) | F <sub>R</sub> max.<br>(N) | Bemerkungen<br>Notes<br>Nota  |
|------------|------------|--|-------|--------------------------------------|----------|----------------------------|---|
|            |            | min.   | max.  |                                      |          |                            |   |
| 6          | 15         | 50   | 400*  | 150                                  | 1,30     | 50                         | * siehe Typenprogramm<br>see standard programm<br>voir programme standard |
| 8          | 19         | 100  | 800   | 250                                  | 1,35     | 60                         |   |
| 10         | 22         | 150  | 1150* | 400                                  | 1,40     | 80                         |   |
| 14         | 28         | 500  | 2100  | 500                                  | 1,50     | 80                         |   |
| 20         | 42         | 2400   | 5200  | 500                                  | 1,45     | 150                        |   |

Einbauvorschrift  
 Installation instruction  
 Instruction de montage  
**STAB-Spec. 1000 5593**

Statische Messung der Kräfte  
 Statically measured forces  
 Forces mesurées statiquement  
**STAB-Spec. 1000 9033**

Entsorgungsvorschrift  
 Disposal instruction  
 Instruction de neutralisation  
**STAB-Spec. 1000 9375**  
[www.stabilus.com/recycling](http://www.stabilus.com/recycling)

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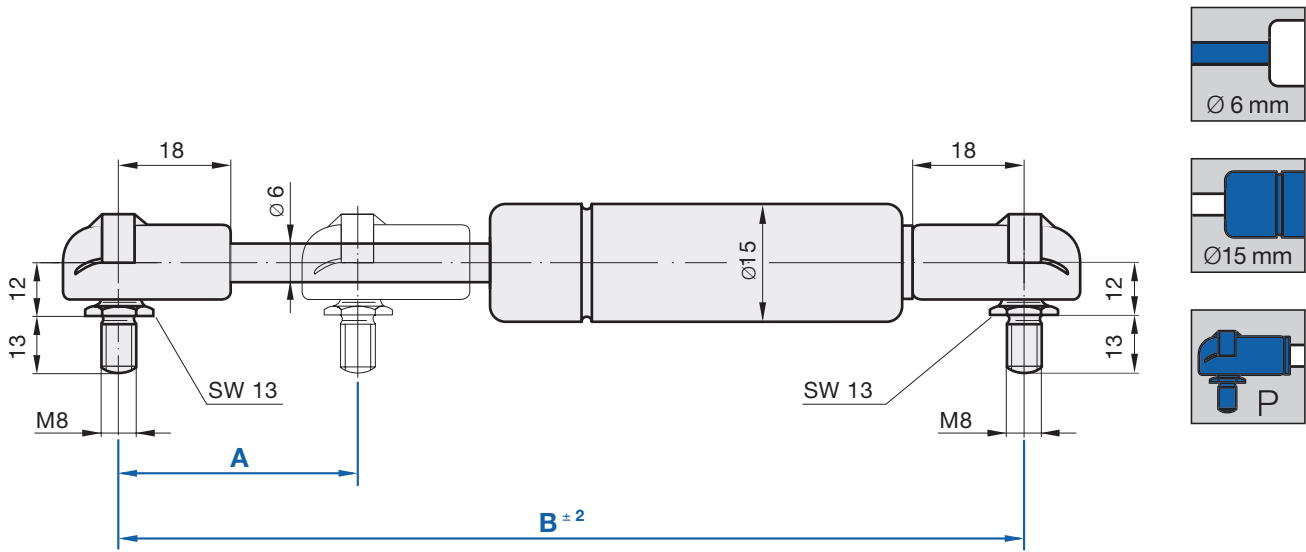


Passend für Kugelzapfen nach DIN 71803 Ø 10  
 Suitable for ball studs according to DIN 71803 Ø 10  
 Approprié aux rotules mâles selon DIN 71803 Ø 10

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 20                           | 115,5  | 50                   | 4727PB                              |
|                              |  | 100                  | 4728PX                              |
|                              |  | 150                  | 4729PS                              |
|                              |  | 200                  | 4731PZ                              |
|                              |  | 250                  | 4732PU                              |
|                              |  | 300                  | 4733PP                              |
|                              |  | 350                  | 4734PK                              |
|                              |  | 400                  | 4735PF                              |
| 40                           | 155,5  | 50                   | 2606NW                              |
|                              |  | 100                  | 2607NR                              |
|                              |  | 150                  | 2608NM                              |
|                              |  | 200                  | 2609NH                              |
|                              |  | 250                  | 2611NO                              |
|                              |  | 300                  | 2612NJ                              |
|                              |  | 350                  | 2613NE                              |
|                              |  | 400                  | 2615NV                              |
| 60                           | 195,5  | 50                   | 6444IK                              |
|                              |  | 100                  | 6488IU                              |
|                              |  | 150                  | 6489IP                              |
|                              |  | 200                  | 6491IW                              |
|                              |  | 250                  | 6492IR                              |
|                              |  | 300                  | 6493IM                              |
|                              |  | 350                  | 6494IH                              |
|                              |  | 400                  | 6495IC                              |
| 80                           | 235,5  | 50                   | 6449IM                              |
|                              |  | 100                  | 6501IP                              |
|                              |  | 150                  | 6502IK                              |
|                              |  | 200                  | 6503IF                              |
|                              |  | 250                  | 6504IA                              |
|                              |  | 300                  | 6505IW                              |
|                              |  | 350                  | 6506IR                              |
|                              |  | 400                  | 6507IM                              |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 100                          | 275,5  | 50                   | 6458IL                              |
|                              |  | 100                  | 6508IH                              |
|                              |  | 150                  | 6509IC                              |
|                              |  | 200                  | 6511IJ                              |
|                              |  | 250                  | 6514IV                              |
|                              |  | 300                  | 6515IQ                              |
|                              |  | 350                  | 6516IL                              |
|                              |  | 400                  | 6517IG                              |
| 120                          | 315,5  | 50                   | 6462II                              |
|                              |  | 100                  | 6519IX                              |
|                              |  | 150                  | 6521ID                              |
|                              |  | 200                  | 6522IZ                              |
|                              |  | 250                  | 6523IU                              |
|                              |  | 300                  | 6524IP                              |
|                              |  | 350                  | 6525IK                              |
|                              |  | 400                  | 6526IF                              |
| 150                          | 375,5  | 50                   | 6467IK                              |
|                              |  | 100                  | 6539IL                              |
|                              |  | 150                  | 6541IS                              |
|                              |  | 200                  | 6542IN                              |
|                              |  | 250                  | 6543II                              |
|                              |  | 300                  | 6544ID                              |
|                              |  | 350                  | 6545IZ                              |
|                              |  | 400                  | 6153PC                              |

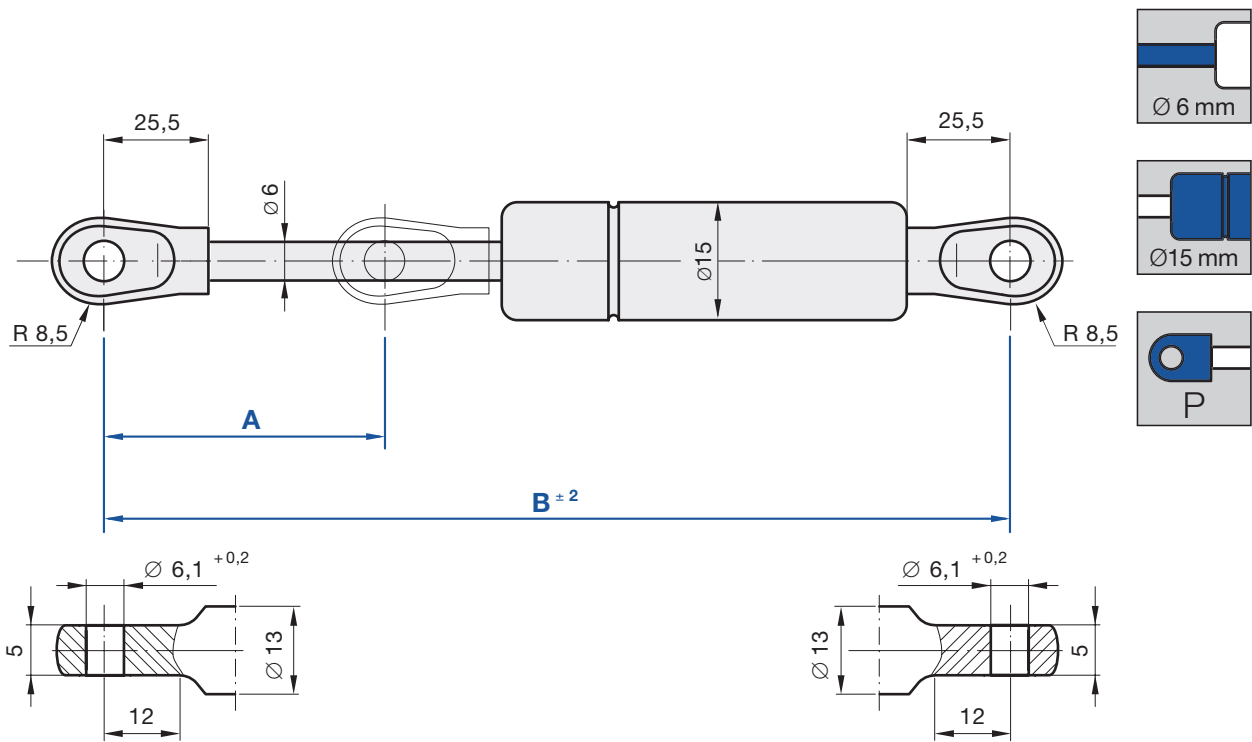
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06



| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 20                           | 115,5  | 50                   | 4829DF                              |
|                              |  | 100                  | 4832DH                              |
|                              |  | 150                  | 4834DY                              |
|                              |  | 200                  | 1324DI                              |
|                              |  | 250                  | 4836DO                              |
|                              |  | 300                  | 4838DE                              |
|                              |  | 350                  | 4842DB                              |
|                              |  | 400                  | 4844DS                              |
| 40                           | 155,5  | 50                   | 4846DI                              |
|                              |  | 100                  | 4848DZ                              |
|                              |  | 150                  | 4851DA                              |
|                              |  | 200                  | 1338DJ                              |
|                              |  | 250                  | 4853DR                              |
|                              |  | 300                  | 4855DH                              |
|                              |  | 350                  | 4857DY                              |
|                              |  | 400                  | 4859DO                              |
| 60                           | 195,5  | 50                   | 4862DQ                              |
|                              |  | 100                  | 4534DS                              |
|                              |  | 150                  | 4904DI                              |
|                              |  | 200                  | 1345DS                              |
|                              |  | 250                  | 4906DZ                              |
|                              |  | 300                  | 4908DP                              |
|                              |  | 350                  | 4911DR                              |
|                              |  | 400                  | 4913DH                              |
| 80                           | 235,5  | 50                   | 4915DY                              |
|                              |  | 100                  | 4917DO                              |
|                              |  | 150                  | 4919DE                              |
|                              |  | 200                  | 1395DP                              |
|                              |  | 250                  | 4922DG                              |
|                              |  | 300                  | 4924DX                              |
|                              |  | 350                  | 4926DN                              |
|                              |  | 400                  | 4928DD                              |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 100                          | 275,5  | 50                   | 4931DF                              |
|                              |  | 100                  | 4933DW                              |
|                              |  | 150                  | 4935DM                              |
|                              |  | 200                  | 1406DD                              |
|                              |  | 250                  | 5004DJ                              |
|                              |  | 300                  | 5007DV                              |
|                              |  | 350                  | 5009DL                              |
|                              |  | 400                  | 5012DN                              |
| 120                          | 315,5  | 50                   | 5025DT                              |
|                              |  | 100                  | 5027DJ                              |
|                              |  | 150                  | 5031DG                              |
|                              |  | 200                  | 1515DW                              |
|                              |  | 250                  | 5033DX                              |
|                              |  | 300                  | 5035DN                              |
|                              |  | 350                  | 5037DD                              |
|                              |  | 400                  | 5069DC                              |
| 150                          | 375,5  | 50                   | 5072DE                              |
|                              |  | 100                  | 5075DQ                              |
|                              |  | 150                  | 5077DG                              |
|                              |  | 200                  | 1562DH                              |
|                              |  | 250                  | 5079DX                              |
|                              |  | 300                  | 5082DZ                              |
|                              |  | 350                  | 5084DP                              |
|                              |  | 400                  | 1205RU                              |

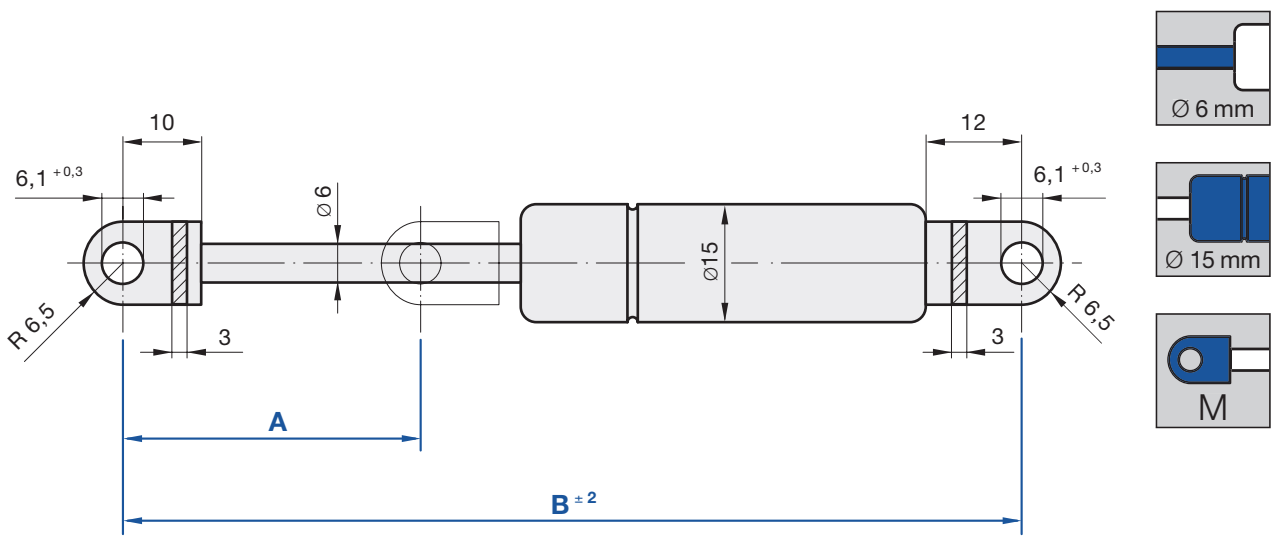
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| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|----------------------|-------------------------------------|
| <b>20</b>                           | <b>127,5</b>  | 50                   | 1885LI                              |
|                                     |   | 100                  | 2121LY                              |
|                                     |   | 150                  | 2122LT                              |
|                                     |   | 200                  | 2123LO                              |
|                                     |   | 250                  | 2124LJ                              |
|                                     |   | 300                  | 2125LE                              |
|                                     |   | 350                  | 2127LV                              |
| <b>40</b>                           | <b>166,5</b>  | 400                  | 2128LQ                              |
|                                     |   | 50                   | 1888LU                              |
|                                     |   | 100                  | 2131LS                              |
|                                     |   | 150                  | 2132LN                              |
|                                     |   | 200                  | 2133LI                              |
|                                     |   | 250                  | 2134LD                              |
|                                     |   | 300                  | 2135LZ                              |
| <b>60</b>                           | <b>206,5</b>  | 350                  | 2136LU                              |
|                                     |   | 400                  | 2138LK                              |
|                                     |   | 50                   | 1894LH                              |
|                                     |   | 100                  | 2139LF                              |
|                                     |   | 150                  | 2141LM                              |
|                                     |   | 200                  | 2142LH                              |
|                                     |   | 250                  | 2143LC                              |
| <b>80</b>                           | <b>247,5</b>  | 300                  | 2144LY                              |
|                                     |   | 350                  | 2145LT                              |
|                                     |   | 400                  | 2146LO                              |
|                                     |   | 50                   | 1901LP                              |
|                                     |   | 100                  | 2148LE                              |
|                                     |   | 150                  | 2151LG                              |
|                                     |   | 200                  | 2152LB                              |

| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|----------------------|-------------------------------------|
| <b>80</b>                           | <b>247,5</b>  | 250                  | 2154LS                              |
|                                     |   | 300                  | 2155LN                              |
|                                     |   | 350                  | 2156LI                              |
|                                     |   | 400                  | 2157LD                              |
| <b>100</b>                          | <b>286,5</b>  | 50                   | 1904LA                              |
|                                     |   | 100                  | 2158LZ                              |
|                                     |   | 150                  | 2159LU                              |
|                                     |   | 200                  | 2161LA                              |
|                                     |   | 250                  | 2162LW                              |
|                                     |   | 300                  | 2163LR                              |
|                                     |   | 350                  | 2164LM                              |
| <b>120</b>                          | <b>326,5</b>  | 400                  | 2165LH                              |
|                                     |   | 50                   | 1908LH                              |
|                                     |   | 100                  | 2208LV                              |
|                                     |   | 150                  | 2209LQ                              |
|                                     |   | 200                  | 2211LX                              |
|                                     |   | 250                  | 2212LS                              |
|                                     |   | 300                  | 2213LN                              |
| <b>150</b>                          | <b>386,5</b>  | 350                  | 2214LI                              |
|                                     |   | 400                  | 2215LD                              |
|                                     |   | 50                   | 1915LQ                              |
|                                     |   | 100                  | 2166LC                              |
|                                     |   | 150                  | 2167LY                              |
|                                     |   | 200                  | 2168LT                              |
|                                     |   | 250                  | 2169LO                              |
|                                     |   | 300                  | 2171LV                              |
|                                     |   | 350                  | 2172LQ                              |
|                                     |   | 400                  | 2352LO                              |

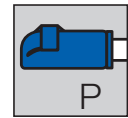
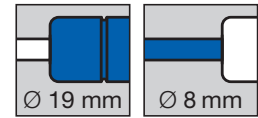
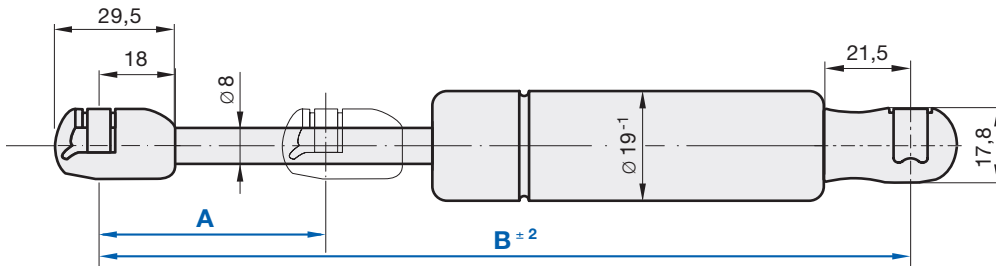
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| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 20                           | 106,5  | 50                   | 192910                              |
|                              |  | 100                  | 192929                              |
|                              |  | 150                  | 192937                              |
|                              |  | 200                  | 192945                              |
|                              |  | 250                  | 192953                              |
|                              |  | 300                  | 192961                              |
|                              |  | 400                  | 192966                              |
| 40                           | 145,5  | 50                   | 185175                              |
|                              |  | 100                  | 191752                              |
|                              |  | 150                  | 192805                              |
|                              |  | 200                  | 192813                              |
|                              |  | 250                  | 192821                              |
|                              |  | 300                  | 082309                              |
|                              |  | 350                  | 082317                              |
| 60                           | 185,5  | 50                   | 192848                              |
|                              |  | 100                  | 192856                              |
|                              |  | 150                  | 192864                              |
|                              |  | 200                  | 192872                              |
|                              |  | 250                  | 192880                              |
|                              |  | 300                  | 082384                              |
|                              |  | 350                  | 082392                              |
| 80                           | 226,5  | 50                   | 082406                              |
|                              |  | 100                  | 082414                              |
|                              |  | 150                  | 082422                              |
|                              |  | 200                  | 082430                              |
|                              |  | 250                  | 082449                              |
|                              |  | 300                  | 082457                              |
|                              |  | 400                  | 082465                              |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 100                          | 265,5  | 50                   | 082473                              |
|                              |  | 100                  | 082481                              |
|                              |  | 150                  | 082503                              |
|                              |  | 200                  | 082511                              |
|                              |  | 250                  | 082538                              |
|                              |  | 300                  | 082546                              |
|                              |  | 400                  | 082554                              |
| 120                          | 305,5  | 50                   | 094331                              |
|                              |  | 100                  | 082562                              |
|                              |  | 150                  | 082570                              |
|                              |  | 200                  | 082589                              |
|                              |  | 250                  | 082597                              |
|                              |  | 300                  | 082600                              |
|                              |  | 350                  | 082627                              |
| 150                          | 365,5  | 400                  | 082635                              |
|                              |  | 50                   | 094358                              |
|                              |  | 100                  | 082643                              |
|                              |  | 150                  | 082651                              |
|                              |  | 200                  | 082678                              |
|                              |  | 250                  | 082686                              |
|                              |  | 300                  | 082694                              |
|                              |  | 350                  | 082708                              |
|                              |  | 400                  | 082716                              |
|                              |  |                      | 6756RS                              |
|                              |  |                      |                                     |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

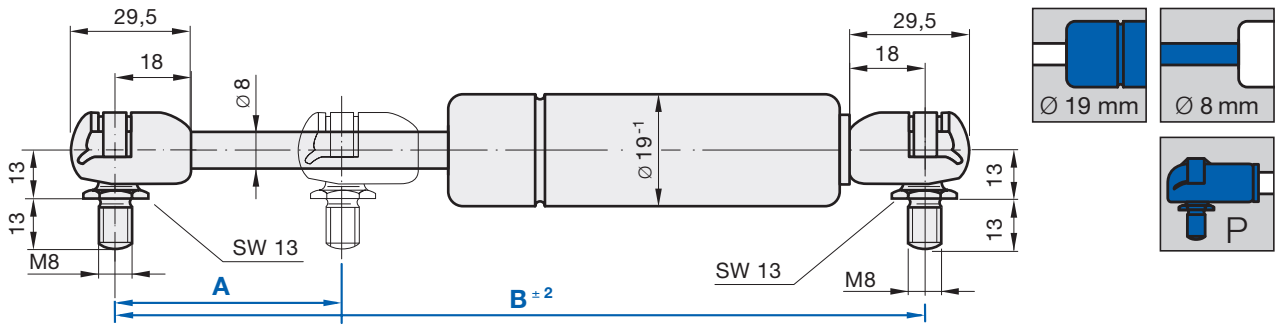


Passend für Kugelzapfen nach DIN 71803 Ø 10  
 Suitable for ball studs according to DIN 71803 Ø 10  
 Approprié aux rotules mâles selon DIN 71803 Ø 10

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 60                           | 205  | 500                  | 2616NQ                              |
|                              |  | 600                  | 2617NL                              |
|                              |  | 700                  | 2618NG                              |
|                              |  | 800                  | 2619NB                              |
| 80                           | 245  | 100                  | 752614                              |
|                              |  | 150                  | 752622                              |
|                              |  | 200                  | 1417EP                              |
|                              |  | 250                  | 752630                              |
|                              |  | 300                  | 1418EK                              |
|                              |  | 350                  | 1419EF                              |
|                              |  | 400                  | 752649                              |
|                              |  | 500                  | 752657                              |
|                              |  | 600                  | 752665                              |
|                              |  | 700                  | 2622ND                              |
| 100                          | 285  | 800                  | 2623NZ                              |
|                              |  | 100                  | 752673                              |
|                              |  | 150                  | 752681                              |
|                              |  | 200                  | 1421EM                              |
|                              |  | 250                  | 752703                              |
|                              |  | 300                  | 1422EH                              |
|                              |  | 350                  | 1423EC                              |
|                              |  | 400                  | 752711                              |
|                              |  | 500                  | 752738                              |
|                              |  | 600                  | 752746                              |
| 120                          | 325  | 700                  | 2624NU                              |
|                              |  | 800                  | 2625NP                              |
|                              |  | 100                  | 752754                              |
|                              |  | 150                  | 752762                              |
|                              |  | 200                  | 1424EY                              |
|                              |  | 250                  | 752770                              |
|                              |  | 300                  | 1425ET                              |
|                              |  | 350                  | 1426EO                              |
|                              |  | 400                  | 752789                              |
|                              |  | 500                  | 752797                              |
| 140                          | 365  | 600                  | 752800                              |
|                              |  | 700                  | 2626NK                              |
|                              |  | 800                  | 2627NF                              |
|                              |  | 400                  | 2628NA                              |
|                              |  | 500                  | 2629NW                              |
|                              |  | 600                  | 2631NC                              |
|                              |  | 700                  | 2632NY                              |
|                              |  | 800                  | 2633NT                              |
| 160                          | 405  | 100                  | 752819                              |
|                              |  | 150                  | 752827                              |
|                              |  | 200                  | 1427EJ                              |
|                              |  | 250                  | 752835                              |
|                              |  | 300                  | 1428EE                              |
|                              |  | 350                  | 1431EG                              |
|                              |  | 400                  | 752843                              |
|                              |  | 500                  | 752851                              |
|                              |  | 600                  | 752878                              |
|                              |  | 700                  | 2634NO                              |
|                              |  | 800                  | 2635NJ                              |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 180                          | 445  | 100                  | 2636NE                              |
|                              |  | 150                  | 2638NV                              |
|                              |  | 200                  | 2639NQ                              |
|                              |  | 250                  | 2641NX                              |
|                              |  | 300                  | 2642NS                              |
|                              |  | 350                  | 2643NN                              |
|                              |  | 400                  | 2644NI                              |
|                              |  | 500                  | 2645ND                              |
|                              |  | 600                  | 2646NZ                              |
|                              |  | 700                  | 2647NU                              |
| 200                          | 485  | 800                  | 2648NP                              |
|                              |  | 100                  | 752886                              |
|                              |  | 150                  | 752894                              |
|                              |  | 200                  | 1432EB                              |
|                              |  | 250                  | 752908                              |
|                              |  | 300                  | 1433EX                              |
|                              |  | 350                  | 1434ES                              |
|                              |  | 400                  | 752916                              |
|                              |  | 500                  | 752924                              |
|                              |  | 600                  | 752932                              |
| 220                          | 525  | 700                  | 2649NK                              |
|                              |  | 800                  | 2651NR                              |
|                              |  | 100                  | 2652NM                              |
|                              |  | 150                  | 2653NH                              |
|                              |  | 200                  | 2654NC                              |
|                              |  | 250                  | 2655NY                              |
|                              |  | 300                  | 2656NT                              |
|                              |  | 350                  | 2657NO                              |
|                              |  | 400                  | 2658NJ                              |
|                              |  | 500                  | 2659NE                              |
| 250                          | 585  | 600                  | 2661NL                              |
|                              |  | 700                  | 2662NG                              |
|                              |  | 800                  | 2663NB                              |
|                              |  | 100                  | 752940                              |
|                              |  | 150                  | 752959                              |
|                              |  | 200                  | 1435EN                              |
|                              |  | 250                  | 752967                              |
|                              |  | 300                  | 1436EI                              |
|                              |  | 350                  | 1437ED                              |
|                              |  | 400                  | 752975                              |
| 500                          | 752983   |                      |                                     |
| 600                          | 752991   |                      |                                     |
| 700                          | 2664NX   |                      |                                     |
| 800                          | 2665NS   |                      |                                     |

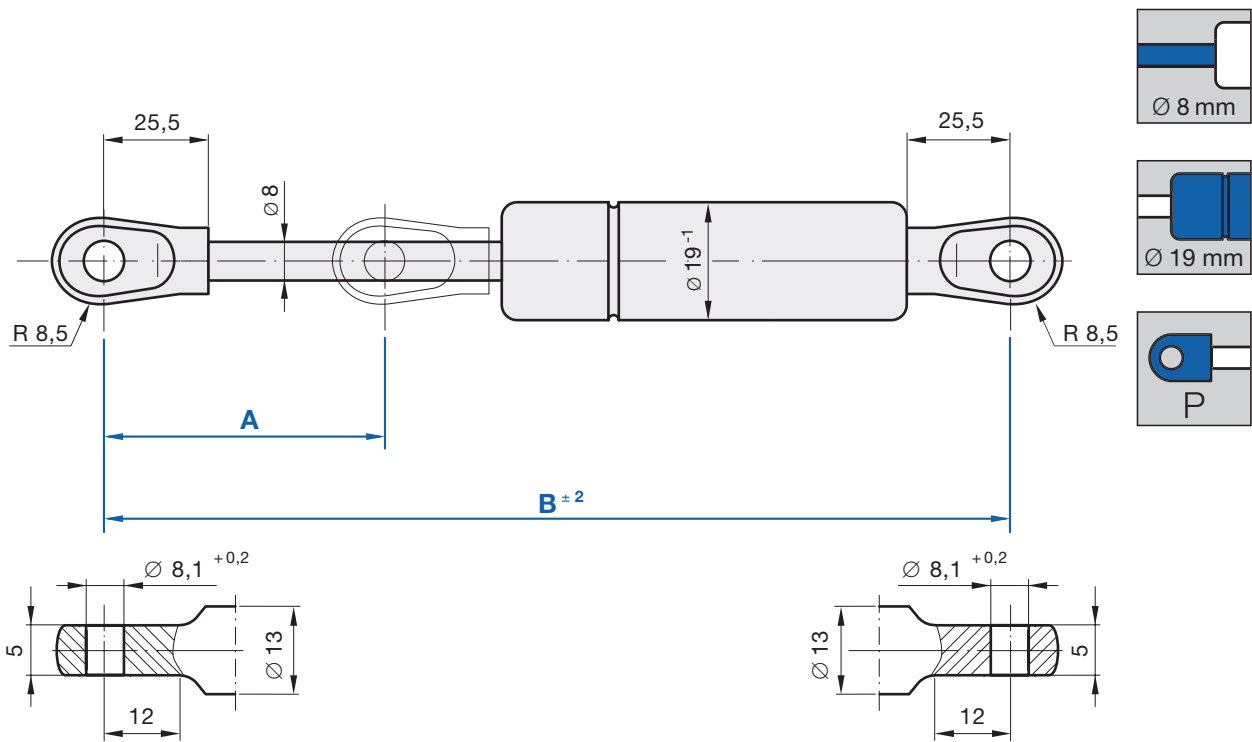
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06



| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 60                           | 205  | 500                  | 094471                              |
|                              |  | 600                  | 083240                              |
|                              |  | 700                  | 083259                              |
|                              |  | 800                  | 094412                              |
| 80                           | 245  | 500                  | 083305                              |
|                              |  | 600                  | 083313                              |
|                              |  | 700                  | 083321                              |
|                              |  | 800                  | 094420                              |
| 100                          | 285  | 500                  | 083380                              |
|                              |  | 600                  | 083399                              |
|                              |  | 700                  | 083402                              |
|                              |  | 800                  | 094439                              |
| 120                          | 325  | 500                  | 094498                              |
|                              |  | 600                  | 083461                              |
|                              |  | 700                  | 083488                              |
|                              |  | 800                  | 094447                              |
| 140                          | 365  | 400                  | 083534                              |
|                              |  | 500                  | 083542                              |
|                              |  | 600                  | 083550                              |
|                              |  | 700                  | 083569                              |
| 160                          | 405  | 800                  | 094455                              |
|                              |  | 100                  | 083577                              |
|                              |  | 150                  | 095621                              |
|                              |  | 200                  | 083585                              |
|                              |  | 250                  | 095648                              |
|                              |  | 300                  | 083593                              |
|                              |  | 350                  | 095656                              |
|                              |  | 400                  | 083607                              |
| 500                          | 083615   |                      |                                     |
| 600                          | 083623   |                      |                                     |
| 700                          | 083631   |                      |                                     |
| 800                          | 094463   |                      |                                     |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 180                          | 445  | 100                  | 083658                              |
|                              |  | 150                  | 094501                              |
|                              |  | 200                  | 083666                              |
|                              |  | 250                  | 094528                              |
|                              |  | 300                  | 083674                              |
|                              |  | 350                  | 094536                              |
|                              |  | 400                  | 083682                              |
|                              |  | 500                  | 083690                              |
|                              |  | 600                  | 083704                              |
|                              |  | 700                  | 083712                              |
| 200                          | 485  | 800                  | 094544                              |
|                              |  | 100                  | 083720                              |
|                              |  | 150                  | 094552                              |
|                              |  | 200                  | 083739                              |
|                              |  | 250                  | 094560                              |
|                              |  | 300                  | 083747                              |
|                              |  | 350                  | 094579                              |
|                              |  | 400                  | 083755                              |
| 220                          | 525  | 500                  | 083763                              |
|                              |  | 600                  | 083771                              |
|                              |  | 700                  | 083798                              |
|                              |  | 800                  | 094587                              |
|                              |  | 100                  | 083801                              |
|                              |  | 150                  | 094595                              |
|                              |  | 200                  | 083828                              |
|                              |  | 250                  | 094609                              |
| 250                          | 585  | 300                  | 083836                              |
|                              |  | 350                  | 094617                              |
|                              |  | 400                  | 083844                              |
|                              |  | 500                  | 083852                              |
|                              |  | 600                  | 083860                              |
|                              |  | 700                  | 083879                              |
|                              |  | 800                  | 094625                              |
|                              |  | 100                  | 083887                              |
|                              |  | 150                  | 094633                              |
|                              |  | 200                  | 083895                              |
| 250                          | 585,5  | 250                  | 094641                              |
|                              |  | 300                  | 083909                              |
|                              |  | 350                  | 094668                              |
|                              |  | 400                  | 083917                              |
|                              |  | 500                  | 083925                              |
|                              |  | 600                  | 083933                              |
|                              |  | 700                  | 083941                              |
|                              |  | 800                  | 094676                              |

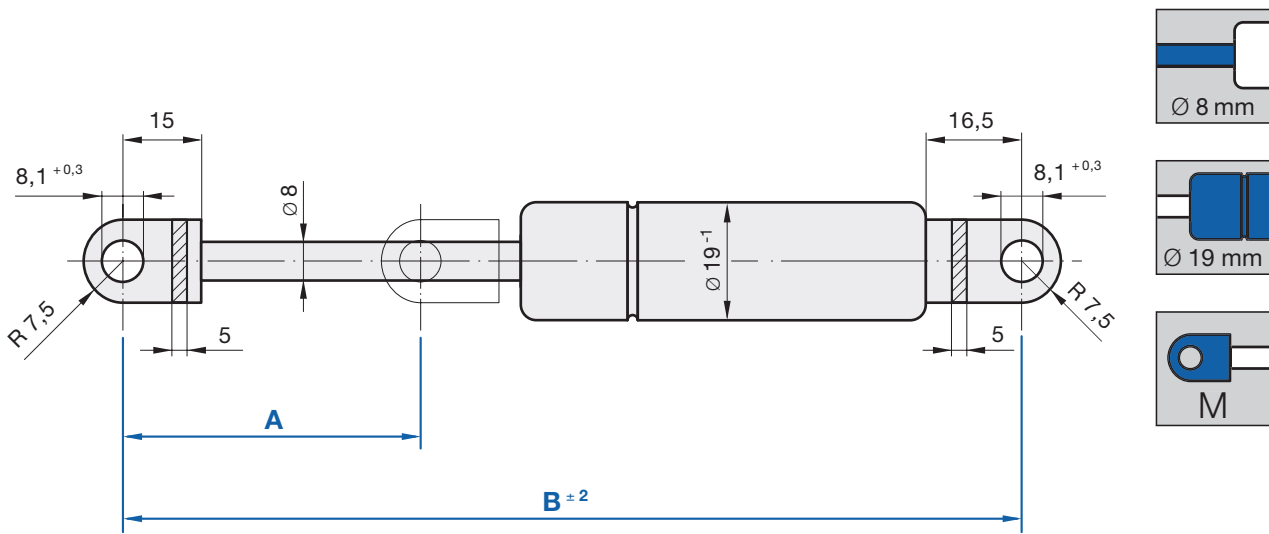
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 60                           | 218,5  | 500                  | 1929LR                              |
|                              |  | 600                  | 2216LZ                              |
| 80                           | 258,5  | 500                  | 1933LO                              |
|                              |  | 600                  | 2217LU                              |
| 100                          | 298,5  | 500                  | 1938LQ                              |
|                              |  | 600                  | 2218LP                              |
| 120                          | 338,5  | 500                  | 1942LN                              |
|                              |  | 600                  | 2219LK                              |
| 140                          | 378,5  | 400                  | 1945LZ                              |
|                              |  | 500                  | 2224LC                              |
|                              |  | 600                  | 2225LY                              |
| 160                          | 418,5  | 100                  | 1948LK                              |
|                              |  | 150                  | 2226LT                              |
|                              |  | 200                  | 2227LO                              |
|                              |  | 250                  | 2228LJ                              |
|                              |  | 300                  | 2229LE                              |
|                              |  | 350                  | 2231LL                              |
|                              |  | 400                  | 2232LG                              |
|                              |  | 500                  | 2233LB                              |
|                              |  | 600                  | 2234LX                              |
| 180                          | 458,5  | 100                  | 1952LH                              |
|                              |  | 150                  | 2235LS                              |
|                              |  | 200                  | 2236LN                              |
|                              |  | 250                  | 2237LI                              |
|                              |  | 300                  | 2238LD                              |
|                              |  | 350                  | 2239LZ                              |
|                              |  | 400                  | 2241LF                              |
|                              |  | 500                  | 2242LA                              |
|                              |  | 600                  | 2243LW                              |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 200                          | 498,5  | 100                  | 1955LT                              |
|                              |  | 150                  | 2244LR                              |
|                              |  | 200                  | 2245LM                              |
|                              |  | 250                  | 2246LH                              |
|                              |  | 300                  | 2247LC                              |
|                              |  | 350                  | 2248LY                              |
| 220                          | 538,5  | 400                  | 2249LT                              |
|                              |  | 500                  | 2252LV                              |
|                              |  | 600                  | 2253LQ                              |
|                              |  | 100                  | 1958LE                              |
|                              |  | 150                  | 2255LG                              |
|                              |  | 200                  | 2256LB                              |
| 250                          | 598,5  | 250                  | 2257LX                              |
|                              |  | 300                  | 2258LS                              |
|                              |  | 350                  | 2259LN                              |
|                              |  | 400                  | 2261LU                              |
|                              |  | 500                  | 2262LP                              |
|                              |  | 600                  | 2263LK                              |
|                              |  | 100                  | 1817LN                              |
|                              |  | 150                  | 2334LQ                              |
|                              |  | 200                  | 2335LL                              |
|                              |  | 250                  | 2336LG                              |
| 300                          | 2337LB   |                      |                                     |
| 350                          | 2338LX   |                      |                                     |
| 400                          | 2339LS   |                      |                                     |
| 500                          | 2341LZ   |                      |                                     |
| 600                          | 2342LU   |                      |                                     |

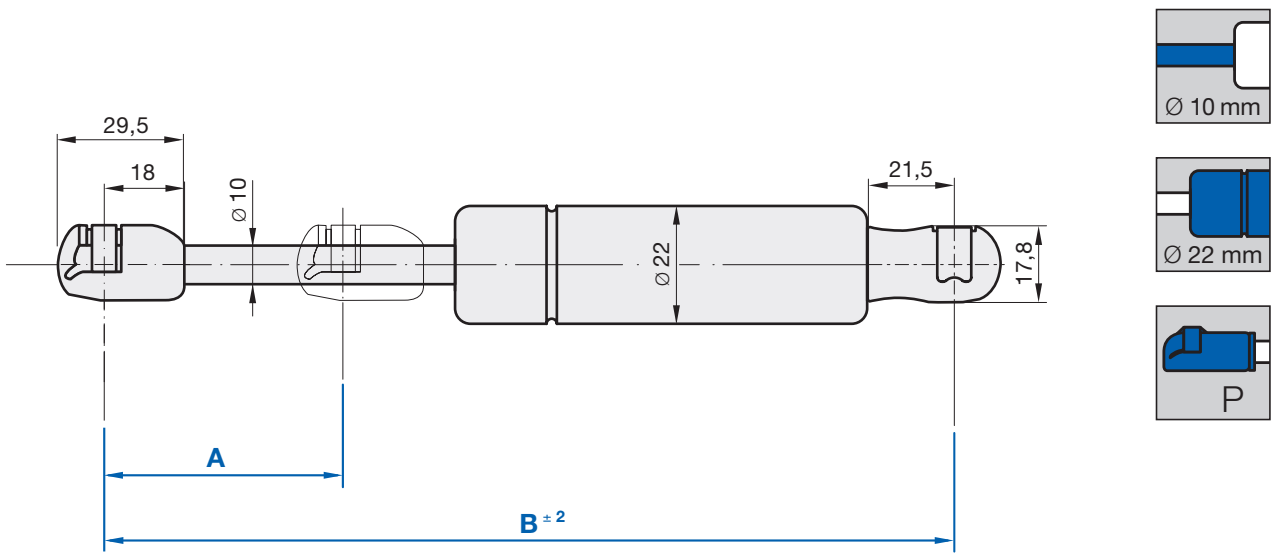
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 60                           | 205  | 500                  | 084018                              |
|                              |  | 600                  | 084026                              |
|                              | 205,5  | 700                  | 084034                              |
|                              |  | 800                  | 094684                              |
| 80                           | 245  | 500                  | 084093                              |
|                              |  | 600                  | 084107                              |
|                              | 245,5  | 700                  | 084115                              |
| 100                          | 285  | 500                  | 084174                              |
|                              |  | 600                  | 084182                              |
|                              | 285,5  | 700                  | 084190                              |
|                              |  | 800                  | 094706                              |
| 120                          | 325  | 500                  | 084247                              |
|                              |  | 600                  | 094714                              |
|                              |  | 700                  | 084263                              |
|                              | 325,5  | 800                  | 094722                              |
| 140                          | 365  | 400                  | 084352                              |
|                              |  | 500                  | 084360                              |
|                              |  | 600                  | 084379                              |
|                              | 365,5  | 700                  | 084387                              |
| 160                          | 405  | 800                  | 094749                              |
|                              |  | 100                  | 084395                              |
|                              |  | 150                  | 094765                              |
|                              |  | 200                  | 084409                              |
|                              |  | 250                  | 094773                              |
|                              |  | 300                  | 084417                              |
|                              |  | 350                  | 094781                              |
|                              |  | 400                  | 084425                              |
|                              |  | 500                  | 084476                              |
|                              |  | 600                  | 084484                              |
| 180                          | 405,5  | 700                  | 084492                              |
|                              |  | 800                  | 094757                              |
|                              | 445  | 100                  | 084506                              |
|                              |  | 150                  | 094803                              |
| 200                          |  | 084514               |                                     |
| 250                          |  | 094811               |                                     |
| 180                          | 445  | 300                  | 084522                              |
|                              |  | 350                  | 094838                              |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 180                          | 445  | 400                  | 086363                              |
|                              |  | 500                  | 084549                              |
|                              |  | 600                  | 084557                              |
|                              | 445,5  | 700                  | 084565                              |
|                              |  | 800                  | 094846                              |
| 200                          | 485  | 100                  | 084573                              |
|                              |  | 150                  | 094854                              |
|                              |  | 200                  | 084581                              |
|                              |  | 250                  | 094862                              |
|                              |  | 300                  | 084603                              |
|                              |  | 350                  | 094870                              |
|                              |  | 400                  | 084611                              |
|                              |  | 500                  | 084638                              |
|                              |  | 600                  | 084646                              |
|                              |  | 485,5                | 700                                 |
| 220                          | 525  | 800                  | 094889                              |
|                              |  | 100                  | 084662                              |
|                              |  | 150                  | 094897                              |
|                              |  | 200                  | 084670                              |
|                              |  | 250                  | 094900                              |
|                              |  | 300                  | 084689                              |
|                              |  | 350                  | 094919                              |
|                              |  | 400                  | 084697                              |
|                              |  | 500                  | 084700                              |
|                              |  | 600                  | 084719                              |
| 250                          | 585  | 700                  | 084727                              |
|                              |  | 800                  | 094927                              |
|                              |  | 100                  | 084735                              |
|                              |  | 150                  | 094935                              |
|                              |  | 200                  | 084743                              |
|                              |  | 250                  | 094943                              |
|                              |  | 300                  | 084751                              |
|                              |  | 350                  | 094951                              |
|                              |  | 400                  | 084778                              |
|                              |  | 500                  | 084786                              |
| 250                          | 585,5  | 600                  | 084794                              |
|                              |  | 700                  | 084808                              |
|                              |  | 800                  | 094978                              |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



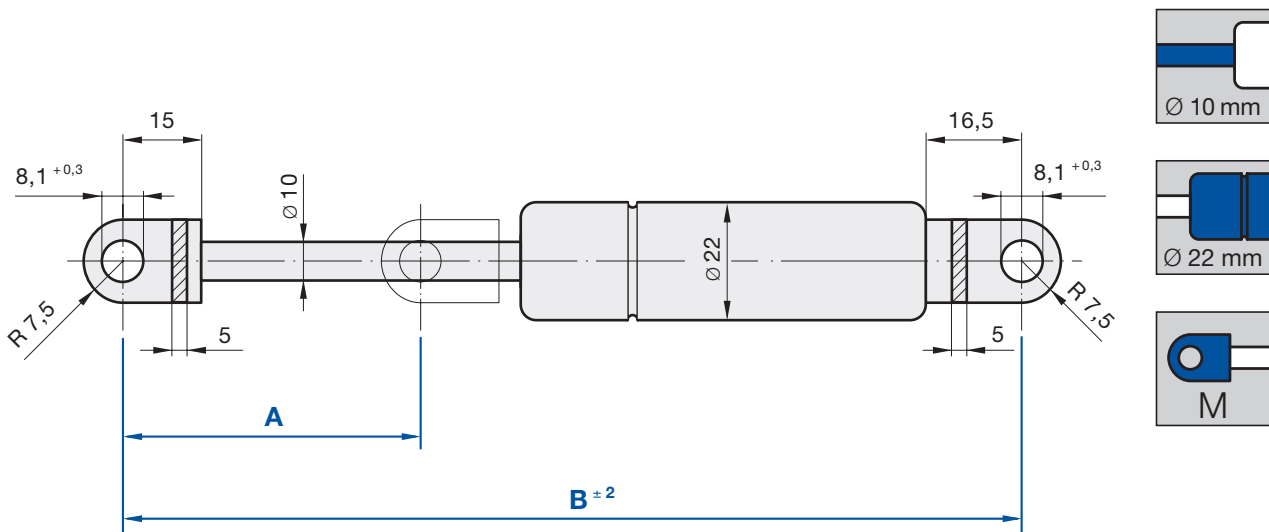
Passend für Kugelzapfen nach DIN 71803 Ø 10  
 Suitable for ball studs according to DIN 71803 Ø 10  
 Approprié aux rotules mâles selon DIN 71803 Ø 10

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 100                          | 285  | 900                  | 2666NN                              |
|                              |  | 1000                 | 2667NI                              |
|                              |  | 1150                 | 2668ND                              |
| 150                          | 385  | 900                  | 2669NZ                              |
|                              |  | 1000                 | 2671NF                              |
|                              |  | 1150                 | 2672NA                              |
| 200                          | 485  | 700                  | 1442EW                              |
|                              |  | 800                  | 1443ER                              |
|                              |  | 900                  | 1444EM                              |
|                              |  | 1000                 | 1445EH                              |
|                              |  | 1150                 | 2673NW                              |
| 250                          | 585  | 700                  | 1446EC                              |
|                              |  | 800                  | 1447EY                              |
|                              |  | 900                  | 1448ET                              |
|                              |  | 1000                 | 1449EO                              |
|                              |  | 1150                 | 2674NR                              |
| 300                          | 685  | 150                  | 2675NM                              |
|                              |  | 200                  | 3935LP                              |
|                              |  | 250                  | 1438EZ                              |
|                              |  | 300                  | 2677NC                              |
|                              |  | 350                  | 1652CK                              |
|                              |  | 400                  | 753009                              |
|                              |  | 500                  | 2679NT                              |
|                              |  | 600                  | 2682NV                              |
|                              |  | 700                  | 753017                              |
|                              |  | 800                  | 2683NQ                              |
|                              |  | 900                  | 753025                              |
|                              |  | 1000                 | 753033                              |
| 1150                         | 2684NL   |                      |                                     |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 350                          | 785  | 150                  | 2685NG                              |
|                              |  | 200                  | 2686NB                              |
|                              |  | 250                  | 1439EU                              |
|                              |  | 300                  | 2687NX                              |
|                              |  | 350                  | 2688NS                              |
|                              |  | 400                  | 753041                              |
|                              |  | 500                  | 2689NN                              |
|                              |  | 600                  | 2691NU                              |
|                              |  | 700                  | 753068                              |
|                              |  | 800                  | 2692NP                              |
| 400                          | 885  | 900                  | 753076                              |
|                              |  | 1000                 | 753084                              |
|                              |  | 150                  | 2694NF                              |
|                              |  | 200                  | 2695NA                              |
|                              |  | 250                  | 1441EA                              |
|                              |  | 300                  | 2696NW                              |
|                              |  | 350                  | 2697NR                              |
|                              |  | 400                  | 753092                              |
|                              |  | 500                  | 2698NM                              |
|                              |  | 600                  | 2699NH                              |
| 700                          | 753106   |                      |                                     |
| 800                          | 2701NN   |                      |                                     |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06



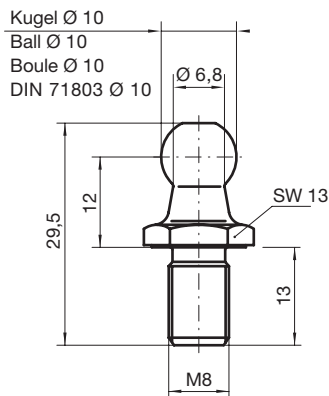


| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 95                           | 285  | 900                  | 084832                              |
|                              |  | 1000                 | 084840                              |
|                              |  | 1150                 | 094986                              |
| 145                          | 385  | 900                  | 084875                              |
|                              |  | 1000                 | 084883                              |
|                              |  | 1150                 | 094994                              |
| 195                          | 485  | 900                  | 084913                              |
|                              |  | 1000                 | 084921                              |
|                              |  | 1150                 | 095001                              |
| 245                          | 585  | 900                  | 084964                              |
|                              |  | 1000                 | 084972                              |
|                              |  | 1150                 | 095028                              |
| 295                          | 685  | 150                  | 095036                              |
|                              |  | 200                  | 095044                              |
|                              |  | 250                  | 095052                              |
|                              |  | 300                  | 095060                              |
|                              |  | 350                  | 095079                              |
|                              |  | 400                  | 095087                              |
|                              |  | 500                  | 095095                              |
|                              |  | 600                  | 095109                              |
|                              |  | 700                  | 084980                              |
|                              |  | 800                  | 084999                              |
|                              |  | 900                  | 085014                              |
|                              |  | 1000                 | 085022                              |
| 1150                         | 097306   |                      |                                     |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 345                          | 785  | 150                  | 095117                              |
|                              |  | 200                  | 095125                              |
|                              |  | 250                  | 095133                              |
|                              |  | 300                  | 095141                              |
|                              |  | 350                  | 095176                              |
|                              |  | 400                  | 095168                              |
|                              |  | 500                  | 095184                              |
|                              |  | 600                  | 095192                              |
|                              |  | 700                  | 085030                              |
|                              |  | 800                  | 085049                              |
| 395                          | 885  | 900                  | 085057                              |
|                              |  | 1000                 | 085065                              |
|                              |  | 150                  | 095214                              |
|                              |  | 200                  | 095222                              |
|                              |  | 250                  | 095230                              |
|                              |  | 300                  | 095249                              |
|                              |  | 350                  | 095257                              |
|                              |  | 400                  | 095265                              |
|                              |  | 500                  | 095273                              |
|                              |  | 600                  | 095281                              |
| 700                          | 085073   |                      |                                     |
| 800                          | 086401   |                      |                                     |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

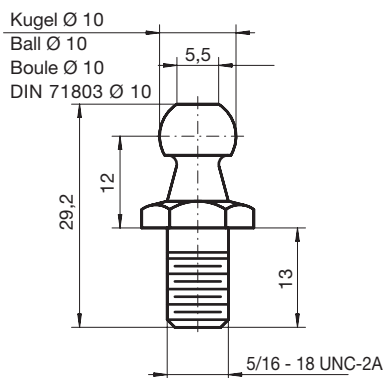
Zubehör  
Accessories  
Accessoires



### Kugelzapfen / Ball stud / Rotule

| Gewinde<br>Thread<br>Filetage | Gewindelänge<br>Thread length<br>Longueur<br>du filetage | Ø-Hals<br>Ø-Neck<br>Ø-Cou | Schlüsselweite<br>Spanner width<br>largeur de clé | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------|--|---------------------------|---|-------------------------------------|
| <b>M8</b>                     | <b>13</b>  | <b>6,8</b>                | <b>13</b>   | <b>4486MD</b>                       |

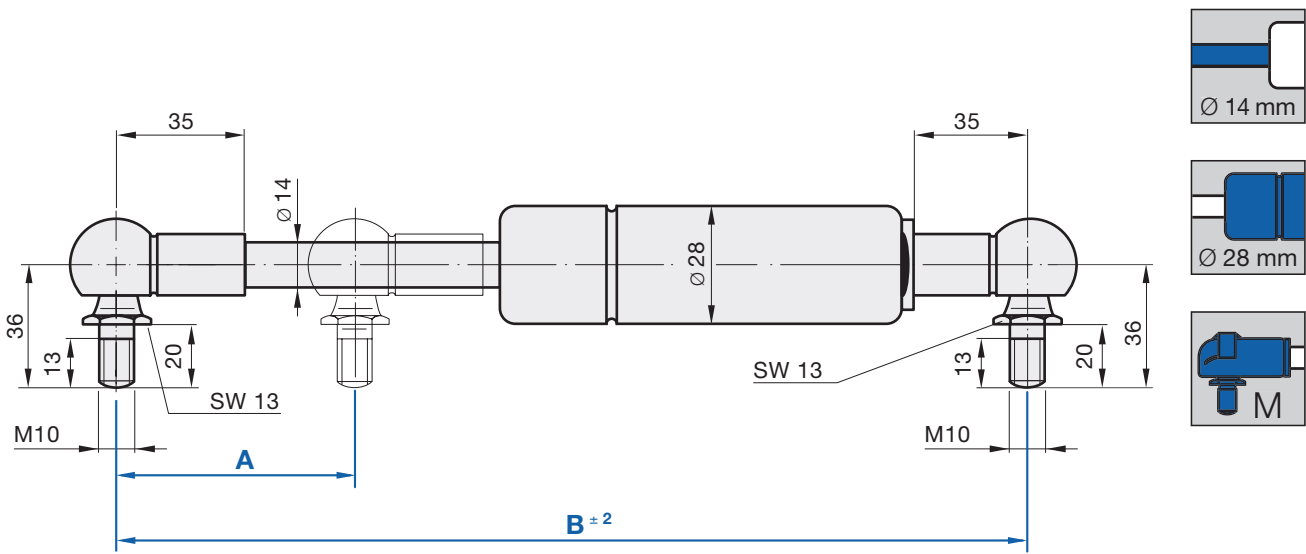
|            |                                  |
|------------|----------------------------------|
| Oberfläche | Zink / Nickel schwarz passiviert |
| Surface    | Zinc / Nickel, black passivated  |
| Surface    | Zinc / Nickel, passivée noir     |



### Kugelzapfen / Ball stud / Rotule

| Gewinde<br>Thread<br>Filetage | Gewindelänge<br>Thread length<br>Longueur<br>du filetage | Ø-Hals<br>Ø-Neck<br>Ø-Cou | Schlüsselweite<br>Spanner width<br>largeur de clé | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------|--|---------------------------|---|-------------------------------------|
| <b>5/16-18 UNC-2A</b>         | <b>13</b>  | <b>5,5</b>                | <b>1/2 Inch</b>                                   | <b>4565BD</b>                       |

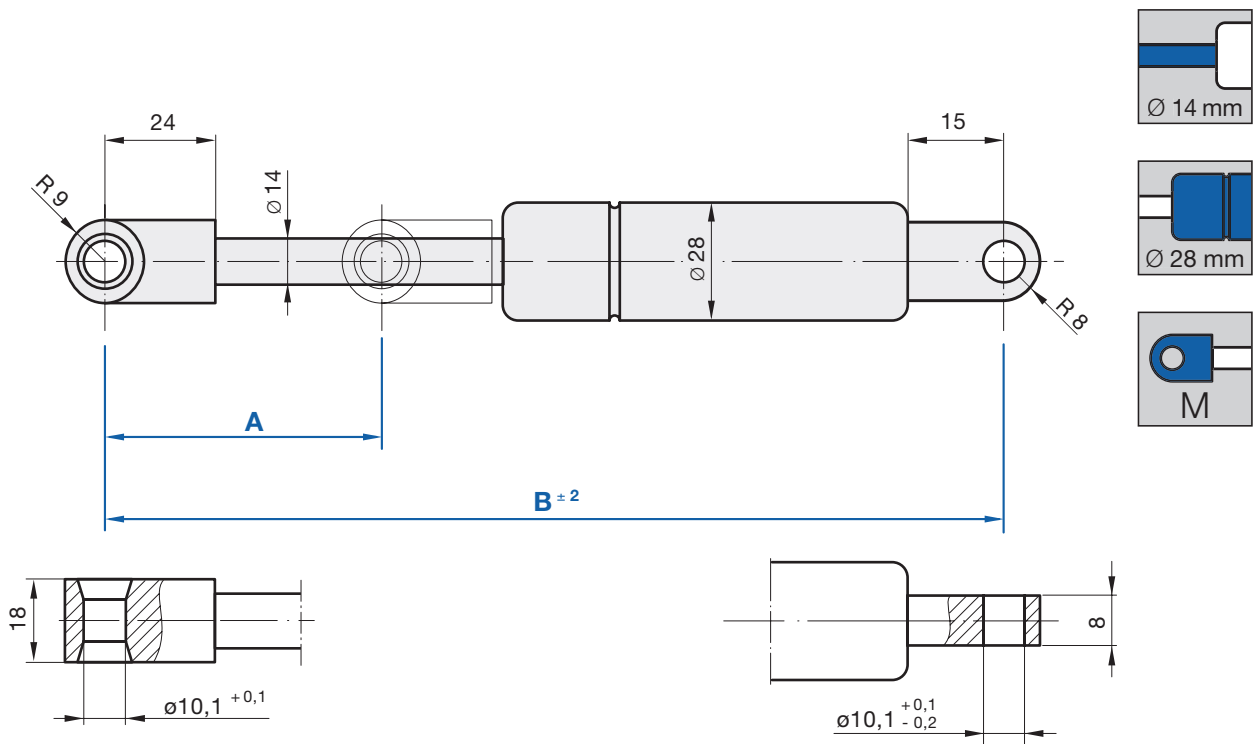
|            |                                |
|------------|--------------------------------|
| Oberfläche | Verzinkt / klar passiviert     |
| Surface    | Zinc plated / clear passivated |
| Surface    | Zinguée / passivée claire      |



| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|----------------------|-------------------------------------|
| <b>100</b>                          | <b>335,5</b>  | 1300                 | 2029LS                              |
|                                     |   | 1500                 | 2357LQ                              |
|                                     |   | 1700                 | 2358LL                              |
|                                     |   | 1900                 | 2359LG                              |
|                                     |   | 2100                 | 2361LN                              |
| <b>150</b>                          | <b>435,5</b>  | 1300                 | 2033LP                              |
|                                     |   | 1500                 | 2362LI                              |
|                                     |   | 1700                 | 2363LD                              |
|                                     |   | 1900                 | 2364LZ                              |
|                                     |   | 2100                 | 2365LU                              |
| <b>200</b>                          | <b>535,5</b>  | 1300                 | 2036LA                              |
|                                     |   | 1500                 | 2366LP                              |
|                                     |   | 1700                 | 2367LK                              |
|                                     |   | 1900                 | 2368LF                              |
|                                     |   | 2100                 | 2369LA                              |
| <b>250</b>                          | <b>635,5</b>  | 1300                 | 2075LI                              |
|                                     |   | 1500                 | 2371LH                              |
|                                     |   | 1700                 | 2372LC                              |
|                                     |   | 1900                 | 2373LY                              |
|                                     |   | 2100                 | 2374LT                              |
| <b>300</b>                          | <b>735,5</b>  | 1300                 | 2078LU                              |
|                                     |   | 1500                 | 2375LO                              |
|                                     |   | 1700                 | 2376LJ                              |
|                                     |   | 1900                 | 2377LE                              |
|                                     |   | 2100                 | 2379LV                              |

| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|----------------------|-------------------------------------|
| <b>350</b>                          | <b>835,5</b>  | 1300                 | 2082LR                              |
|                                     |   | 1500                 | 2381LB                              |
|                                     |   | 1700                 | 2382LX                              |
|                                     |   | 1900                 | 2383LS                              |
|                                     |   | 2100                 | 2384LN                              |
|                                     |   | 2100                 | 2384LN                              |
| <b>400</b>                          | <b>935,5</b>  | 1300                 | 2085LC                              |
|                                     |   | 1500                 | 2385LI                              |
|                                     |   | 1700                 | 2386LD                              |
|                                     |   | 1900                 | 2387LZ                              |
|                                     |   | 2100                 | 2388LU                              |
|                                     |   | 2100                 | 2388LU                              |
| <b>500</b>                          | <b>1135,5</b>   | 500                  | 2088LO                              |
|                                     |   | 600                  | 2389LP                              |
|                                     |   | 700                  | 2391LW                              |
|                                     |   | 800                  | 2392LR                              |
|                                     |   | 900                  | 2393LM                              |
|                                     |   | 1000                 | 2394LH                              |
|                                     |   | 1100                 | 2395LC                              |
|                                     |   | 1300                 | 2396LY                              |
|                                     |   | 1500                 | 2397LT                              |
| 1700                                | 2398LO  |                      |                                     |

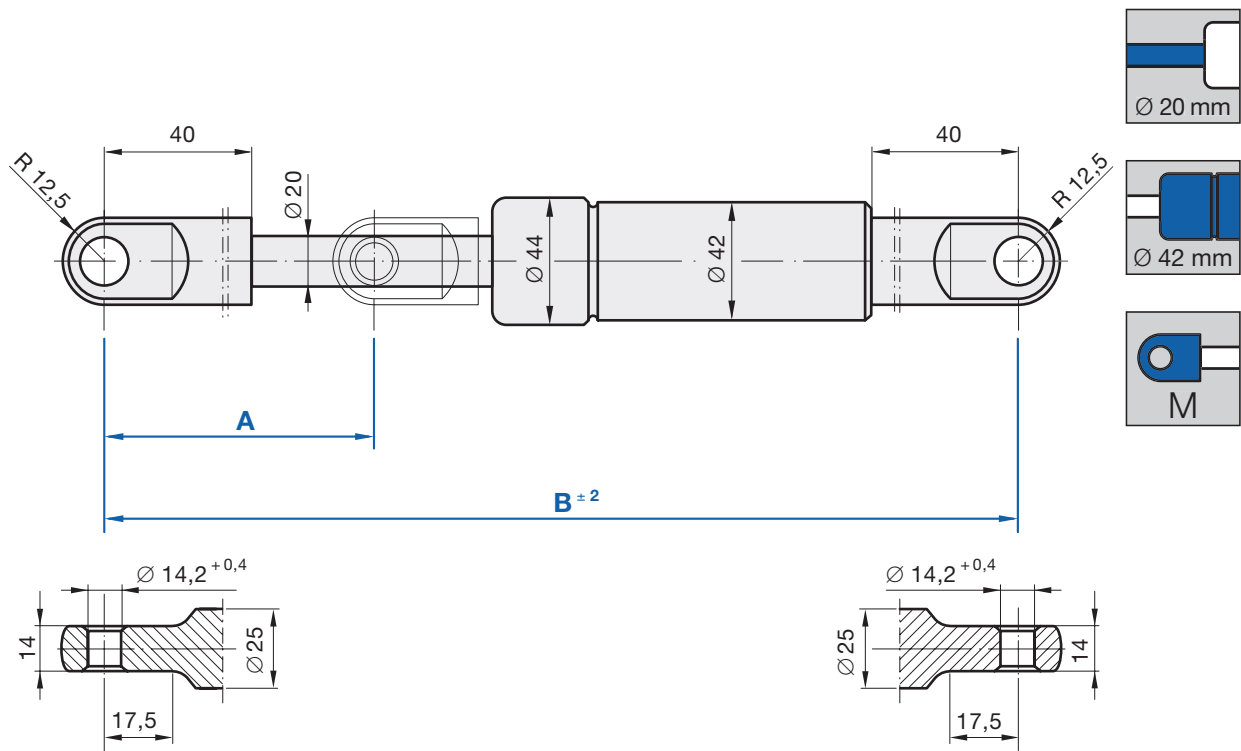
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 100                          | 302  | 1300                 | 1847LW                              |
|                              |  | 1500                 | 2038LR                              |
|                              |  | 1700                 | 2039LM                              |
|                              |  | 1900                 | 2041LT                              |
|                              |  | 2100                 | 2042LO                              |
| 150                          | 402  | 1300                 | 1851LT                              |
|                              |  | 1500                 | 2043LJ                              |
|                              |  | 1700                 | 2044LE                              |
|                              |  | 1900                 | 2046LV                              |
|                              |  | 2100                 | 2047LQ                              |
| 200                          | 502  | 1300                 | 1854LE                              |
|                              |  | 1500                 | 2048LL                              |
|                              |  | 1700                 | 2049LG                              |
|                              |  | 1900                 | 2051LN                              |
|                              |  | 2100                 | 2052LI                              |
| 250                          | 602  | 1300                 | 1858LL                              |
|                              |  | 1500                 | 2055LU                              |
|                              |  | 1700                 | 2056LP                              |
|                              |  | 1900                 | 2057LK                              |
|                              |  | 2100                 | 2058LF                              |
| 300                          | 702  | 1300                 | 1862LI                              |
|                              |  | 1500                 | 2059LA                              |
|                              |  | 1700                 | 2061LH                              |
|                              |  | 1900                 | 2062LC                              |
|                              |  | 2100                 | 2063LY                              |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|----------------------|-------------------------------------|
| 350                          | 802  | 1300                 | 1865LU                              |
|                              |  | 1500                 | 2064LT                              |
|                              |  | 1700                 | 2065LO                              |
|                              |  | 1900                 | 2066LJ                              |
|                              |  | 2100                 | 2067LE                              |
|                              |  | 1300                 | 1868LF                              |
| 400                          | 902  | 1500                 | 2069LV                              |
|                              |  | 1700                 | 2071LB                              |
|                              |  | 1900                 | 2072LX                              |
|                              |  | 2100                 | 2073LS                              |
|                              |  | 500                  | 1872LC                              |
| 500                          | 1102   | 600                  | 2108LB                              |
|                              |  | 700                  | 2109LX                              |
|                              |  | 800                  | 2111LD                              |
|                              |  | 900                  | 2112LZ                              |
|                              |  | 1000                 | 2113LU                              |
|                              |  | 1100                 | 2114LP                              |
|                              |  | 1300                 | 2115LK                              |
|                              |  | 1500                 | 2116LF                              |
|                              |  | 1700                 | 2117LA                              |
|                              |  | 1900                 | 2118LW                              |

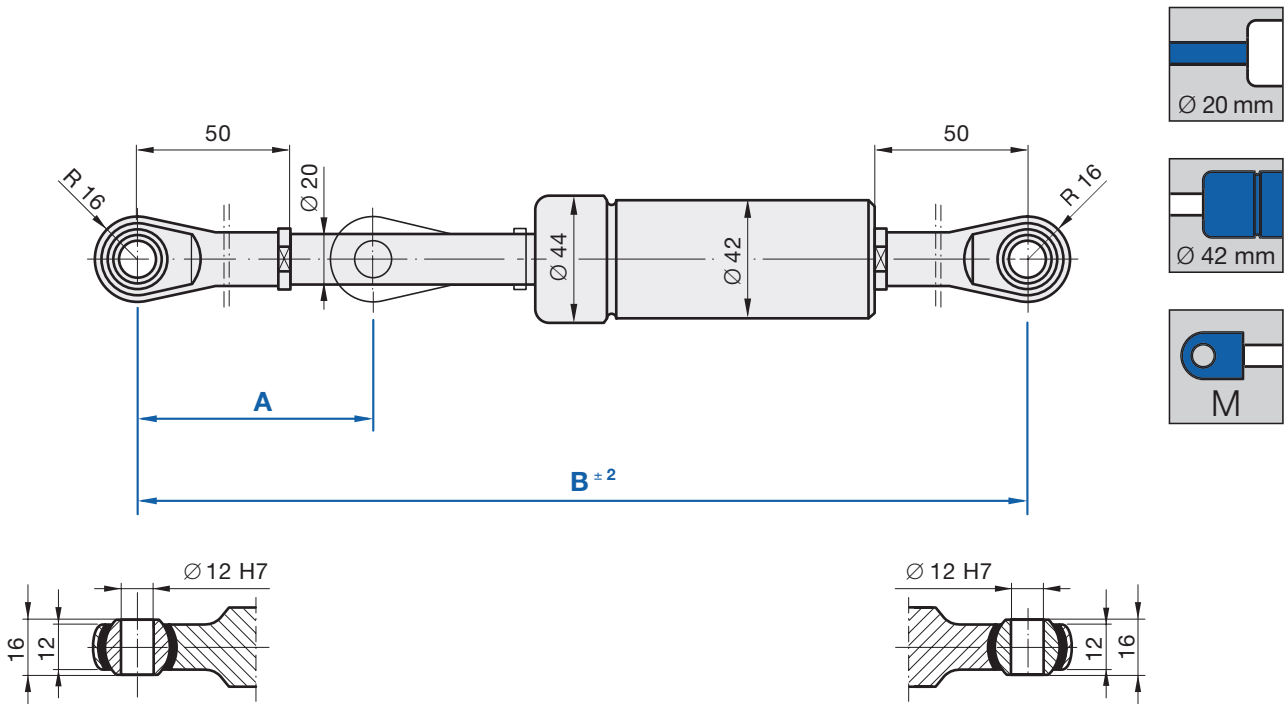
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|----------------------|-------------------------------------|
| <b>150</b>                          | <b>500</b>  | 2400                 | 095974                              |
|                                     |   | 2800                 | 095982                              |
|                                     |   | 3200                 | 207519                              |
|                                     |   | 3600                 | 207527                              |
|                                     |   | 4000                 | 155624                              |
|                                     |   | 4600                 | 207535                              |
|                                     |   | 5200                 | 207543                              |
| <b>200</b>                          | <b>600</b>  | 2400                 | 086657                              |
|                                     |   | 2800                 | 086665                              |
|                                     |   | 3200                 | 207462                              |
|                                     |   | 3600                 | 207470                              |
|                                     |   | 4000                 | 207489                              |
|                                     |   | 4600                 | 207497                              |
|                                     |   | 5200                 | 207500                              |
| <b>250</b>                          | <b>700</b>  | 2400                 | 086738                              |
|                                     |   | 2800                 | 086746                              |
|                                     |   | 3200                 | 207551                              |
|                                     |   | 3600                 | 207578                              |
|                                     |   | 4000                 | 207586                              |
|                                     |   | 4600                 | 207594                              |
|                                     |   | 5200                 | 207608                              |
| <b>300</b>                          | <b>800</b>  | 2400                 | 086789                              |
|                                     |   | 2800                 | 086800                              |
|                                     |   | 3200                 | 207616                              |
|                                     |   | 3600                 | 207624                              |

| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|----------------------|-------------------------------------|
| <b>300</b>                          | <b>800</b>  | 4000                 | 207632                              |
|                                     |   | 4600                 | 207640                              |
|                                     |   | 5200                 | 207659                              |
| <b>350</b>                          | <b>900</b>  | 2400                 | 096083                              |
|                                     |   | 2800                 | 096091                              |
|                                     |   | 3200                 | 207667                              |
|                                     |   | 3600                 | 207675                              |
|                                     |   | 4000                 | 207683                              |
|                                     |   | 4600                 | 207691                              |
|                                     |   | 5200                 | 207705                              |
| <b>400</b>                          | <b>1000</b>   | 2400                 | 086924                              |
|                                     |   | 2800                 | 086932                              |
|                                     |   | 3200                 | 207713                              |
|                                     |   | 3600                 | 207721                              |
|                                     |   | 4000                 | 207748                              |
| <b>500</b>                          | <b>1200</b>   | 4600                 | 207756                              |
|                                     |   | 5200                 | 207764                              |
|                                     |   | 2400                 | 086983                              |
|                                     |   | 2800                 | 086991                              |
|                                     |   | 3200                 | 207772                              |
|                                     |   | 3600                 | 207780                              |
|                                     |   | 4000                 | 207799                              |
|                                     |   | 4600                 | 207802                              |
|                                     |   | 5200                 | 207810                              |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

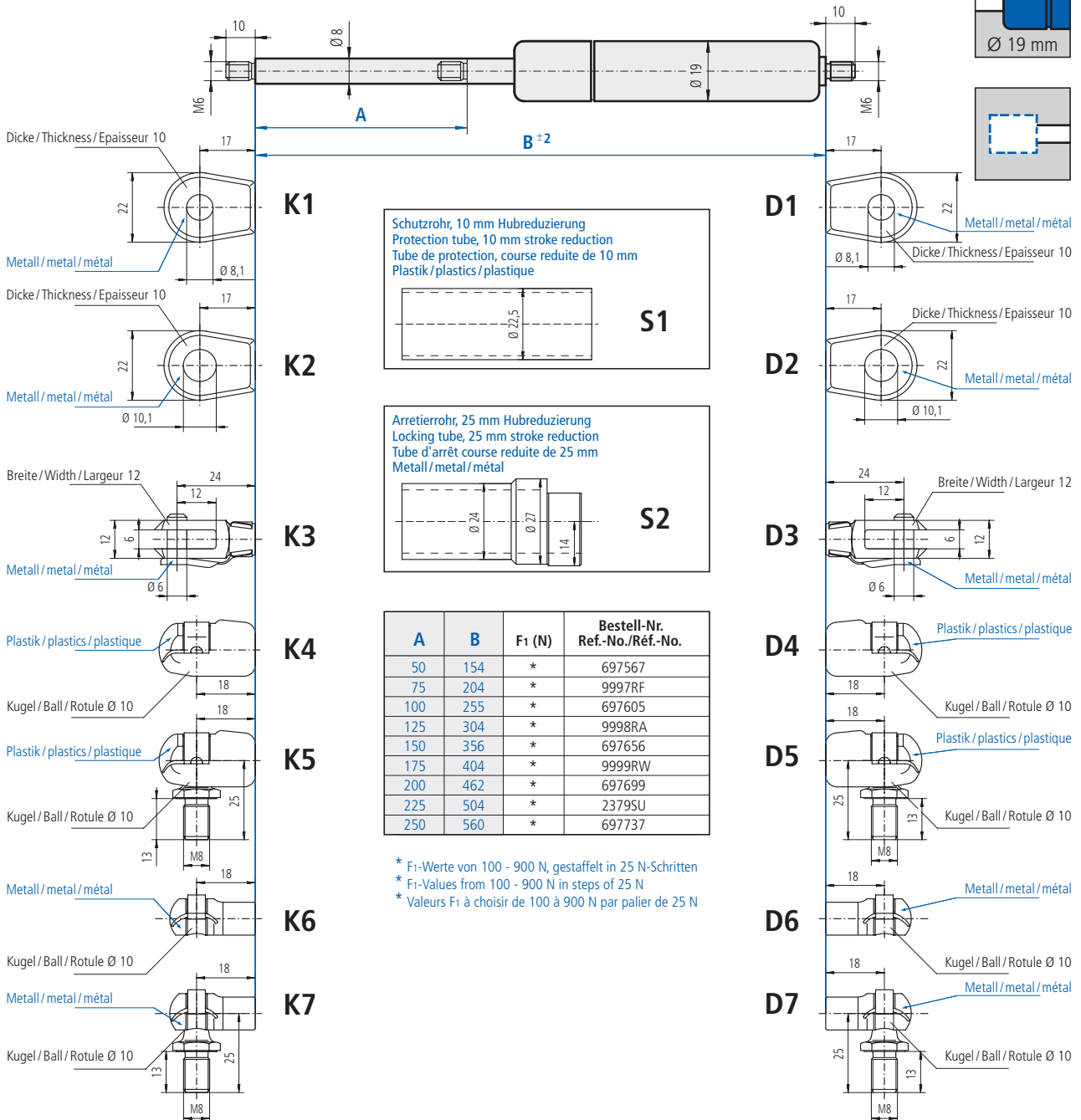
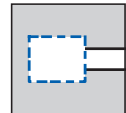
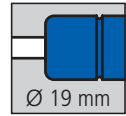
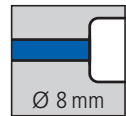


| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|----------------------|-------------------------------------|
| <b>150</b>                          | <b>520</b>  | 2400                 | 087041                              |
|                                     |   | 2800                 | 087068                              |
|                                     |   | 3200                 | 207829                              |
|                                     |   | 3600                 | 207837                              |
|                                     |   | 4000                 | 207845                              |
|                                     |   | 4600                 | 207853                              |
| <b>200</b>                          | <b>620</b>  | 5200                 | 207861                              |
|                                     |   | 2400                 | 087114                              |
|                                     |   | 2800                 | 087122                              |
|                                     |   | 3200                 | 207888                              |
|                                     |   | 3600                 | 207896                              |
|                                     |   | 4000                 | 207918                              |
| <b>250</b>                          | <b>720</b>  | 4600                 | 207926                              |
|                                     |   | 5200                 | 207934                              |
|                                     |   | 2400                 | 087173                              |
|                                     |   | 2800                 | 087181                              |
|                                     |   | 3200                 | 207942                              |
|                                     |   | 3600                 | 207950                              |
| <b>300</b>                          | <b>820</b>  | 4000                 | 207969                              |
|                                     |   | 4600                 | 207977                              |
|                                     |   | 5200                 | 207985                              |
|                                     |   | 2400                 | 087254                              |
|                                     |   | 2800                 | 087262                              |
|                                     |   | 3200                 | 207993                              |
|                                     |   | 3600                 | 208000                              |

| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|----------------------|-------------------------------------|
| <b>300</b>                          | <b>820</b>  | 4000                 | 208019                              |
|                                     |   | 4600                 | 208027                              |
|                                     |   | 5200                 | 208035                              |
| <b>350</b>                          | <b>920</b>  | 2400                 | 087319                              |
|                                     |   | 2800                 | 087327                              |
|                                     |   | 3200                 | 208043                              |
|                                     |   | 3600                 | 208051                              |
|                                     |   | 4000                 | 208078                              |
|                                     |   | 4600                 | 208086                              |
| <b>400</b>                          | <b>1020</b>   | 5200                 | 208094                              |
|                                     |   | 2400                 | 087386                              |
|                                     |   | 2800                 | 087394                              |
|                                     |   | 3200                 | 208108                              |
|                                     |   | 3600                 | 208116                              |
| <b>500</b>                          | <b>1220</b>   | 4000                 | 208124                              |
|                                     |   | 4600                 | 208132                              |
|                                     |   | 5200                 | 208140                              |
|                                     |   | 2400                 | 087440                              |
|                                     |   | 2800                 | 087459                              |
|                                     |   | 3200                 | 208159                              |
|                                     |   | 3600                 | 208167                              |
|                                     |   | 4000                 | 208175                              |
|                                     |   | 4600                 | 208183                              |
|                                     |   | 5200                 | 208191                              |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

**Gasfeder-Ergänzungsprogramm 8/19**  
**Gas spring assembly programme 8/19**  
**Programme modulaire pour ressorts à gaz 8/19**



Bestell-Beispiel / Ordering example / Exemple de commande

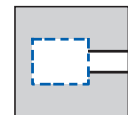
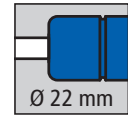
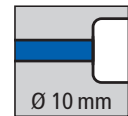
**123456 / 0350N / K2 / D1 / S1**

|                               |                      |  |   |   |
|-------------------------------|----------------------|--|---|---|
| Bestell-Nr. Ref.-No. Réf.-No. | <b>F<sub>1</sub></b> | Kolbenstangen-Anschluss<br>Piston rod end fitting<br>Attache côté tige | Druckrohr-Anschluss<br>Pressure tube end fitting<br>Attache côté tube | Schutzrohr<br>Protection tube<br>Tube de protection |
|-------------------------------|----------------------|--|---|---|

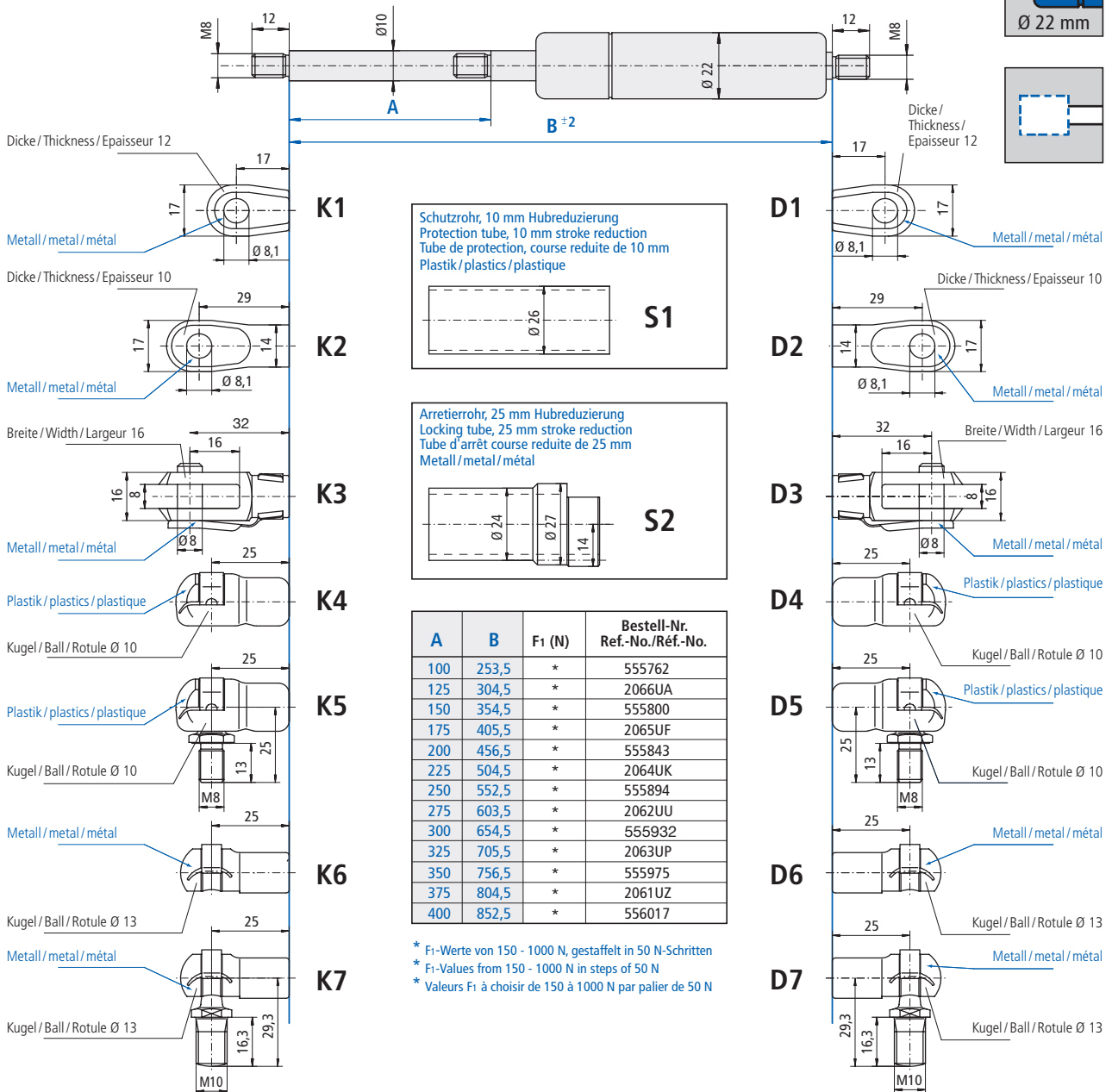
Montage nach STAB-Spec.10005630 / Installation according to STAB-Spec.10005630 / Montage suivant STAB-Spec.10005630

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements 05/06

**Gasfeder-Ergänzungsprogramm 10/22**  
**Gas spring assembly programme 10/22**  
**Programme modulaire pour ressorts à gaz 10/22**



LIFT-O-MAT®



Bestell-Beispiel / Ordering example / Exemple de commande

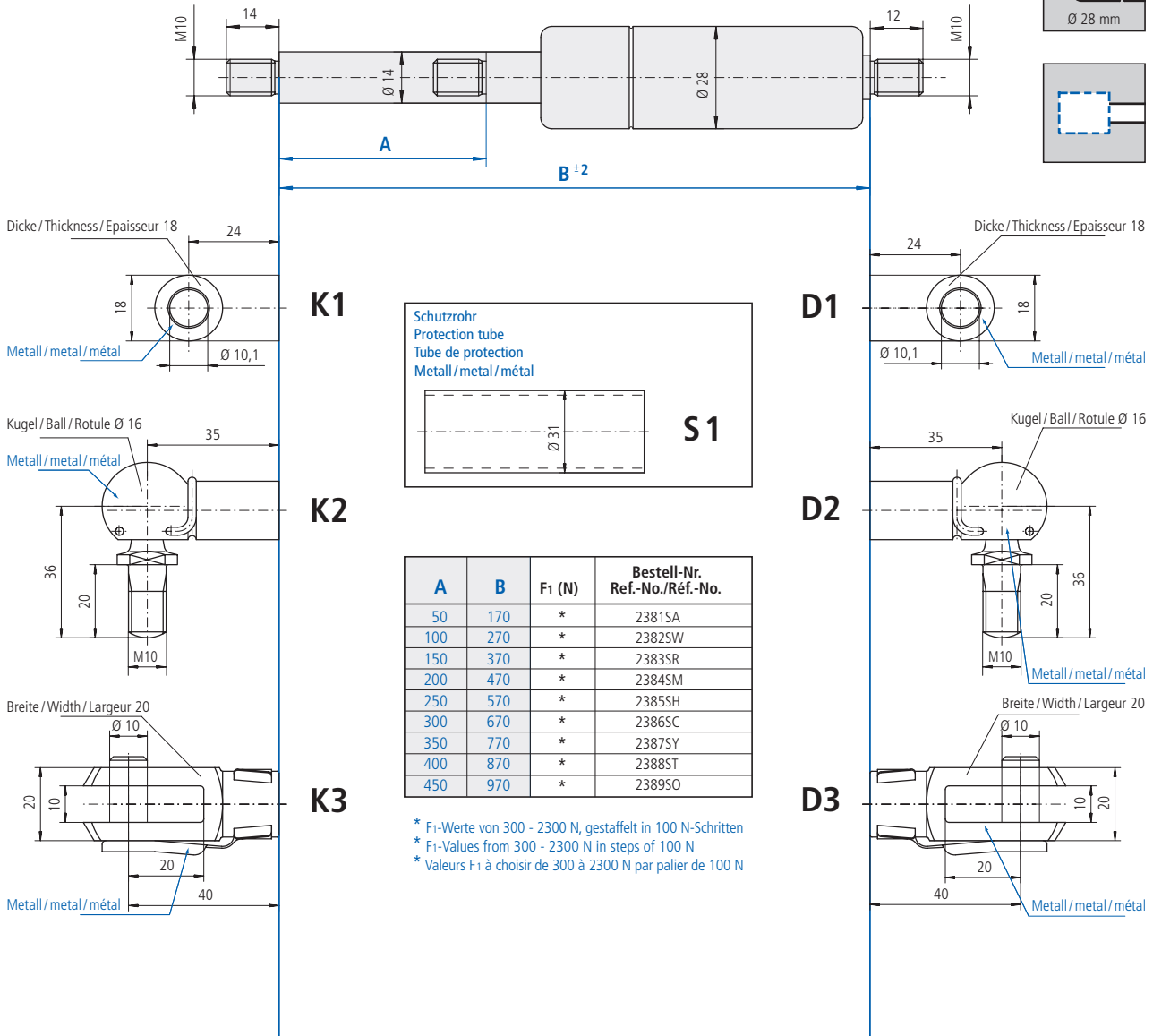
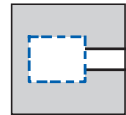
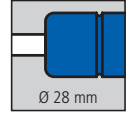
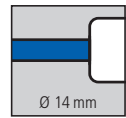
**123456 / 0350N / K2 / D1 / S1**

|             |    |                         |                           |                    |
|-------------|----|-------------------------|---------------------------|--------------------|
| Bestell-Nr. | F1 | Kolbenstangen-Anschluss | Druckrohr-Anschluss       | Schutzrohr         |
| Ref.-No.    |    | Piston rod end fitting  | Pressure tube end fitting | Protection tube    |
| Réf.-No.    |    | Attache côté tige       | Attache côté tube         | Tube de protection |

Montage nach STAB-Spec.10005625 / Installation according to STAB-Spec.10005625 / Montage suivant STAB-Spec.10005625

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements 05/06

**Gasfeder-Ergänzungsprogramm 14/28**  
**Gas spring assembly programme 14/28**  
**Programme modulaire pour ressorts à gaz 14/28**



Bestell-Beispiel / Ordering example / Exemple de commande

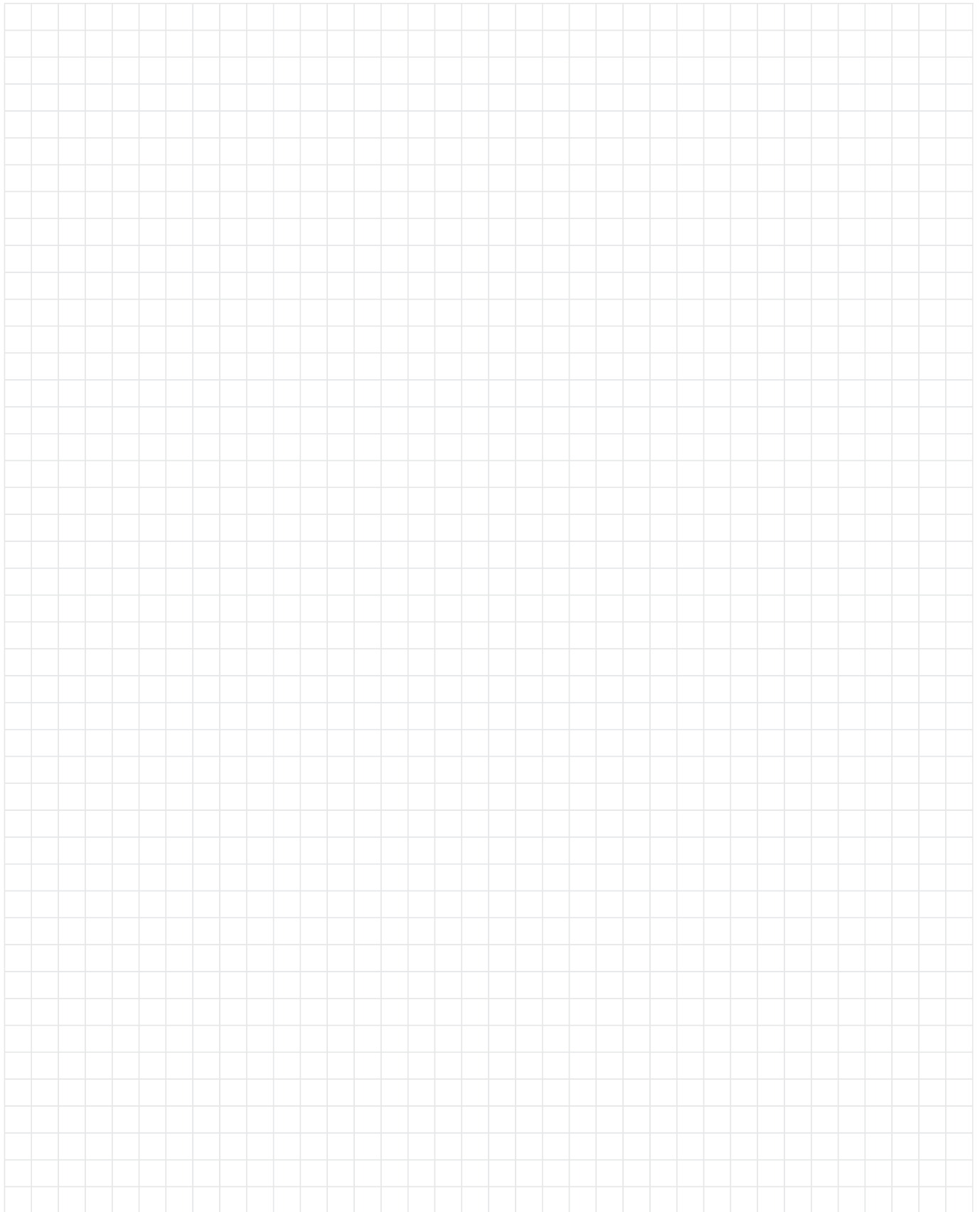
**123456 / 0350N / K2 / D1 / S1**

|                                     |                |  |   |   |
|-------------------------------------|----------------|--|---|---|
| Bestell-Nr.<br>Ref.-No.<br>Réf.-No. | F <sub>1</sub> | Kolbenstangen-Anschluss<br>Piston rod end fitting<br>Attache côté tige | Druckrohr-Anschluss<br>Pressure tube end fitting<br>Attache côté tube | Schutzrohr<br>Protection tube<br>Tube de protection |
|-------------------------------------|----------------|--|---|---|

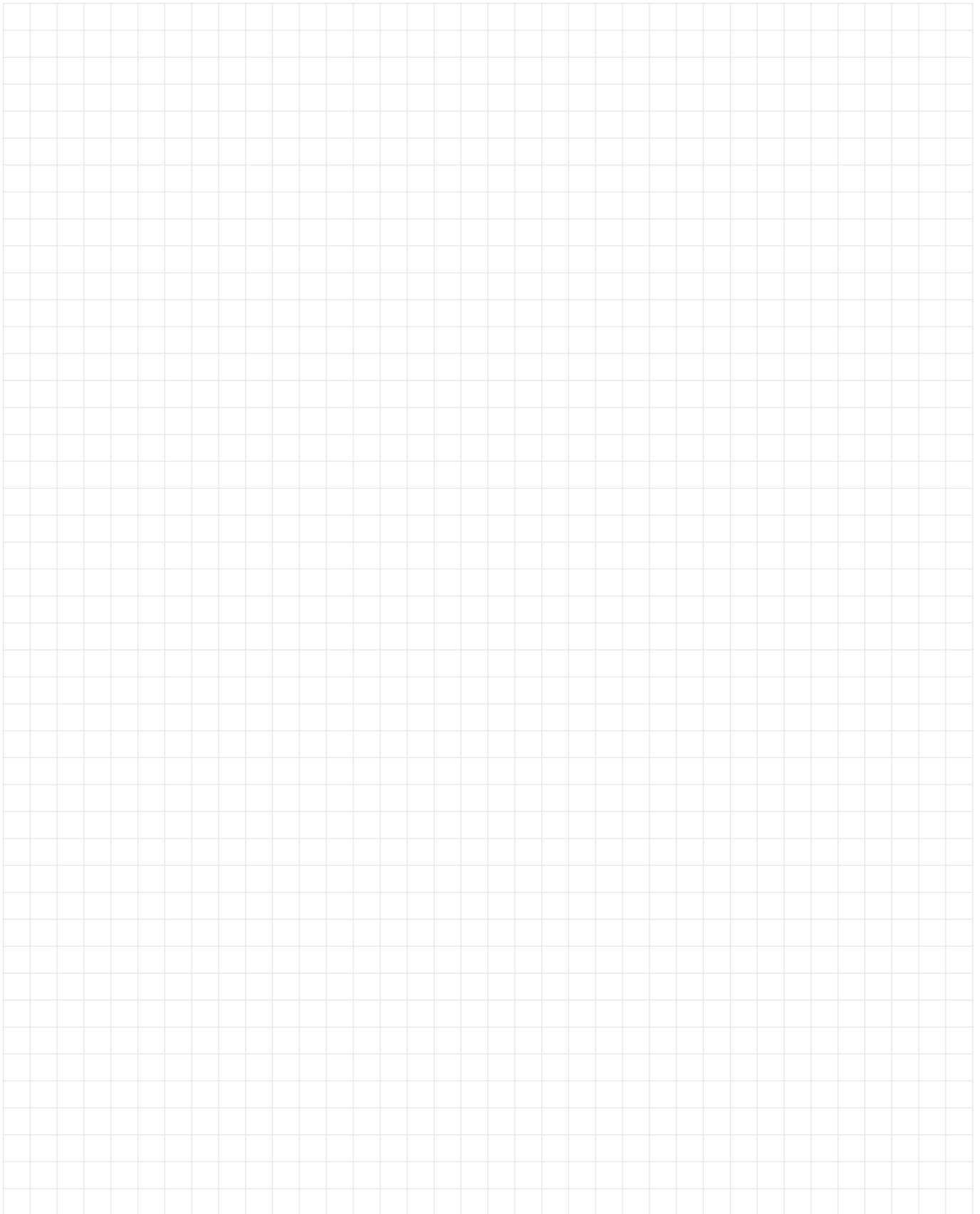
Montage nach STAB-Spec.10021385 / Installation according to STAB-Spec.10021385 / Montage suivant STAB-Spec.10021385

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06

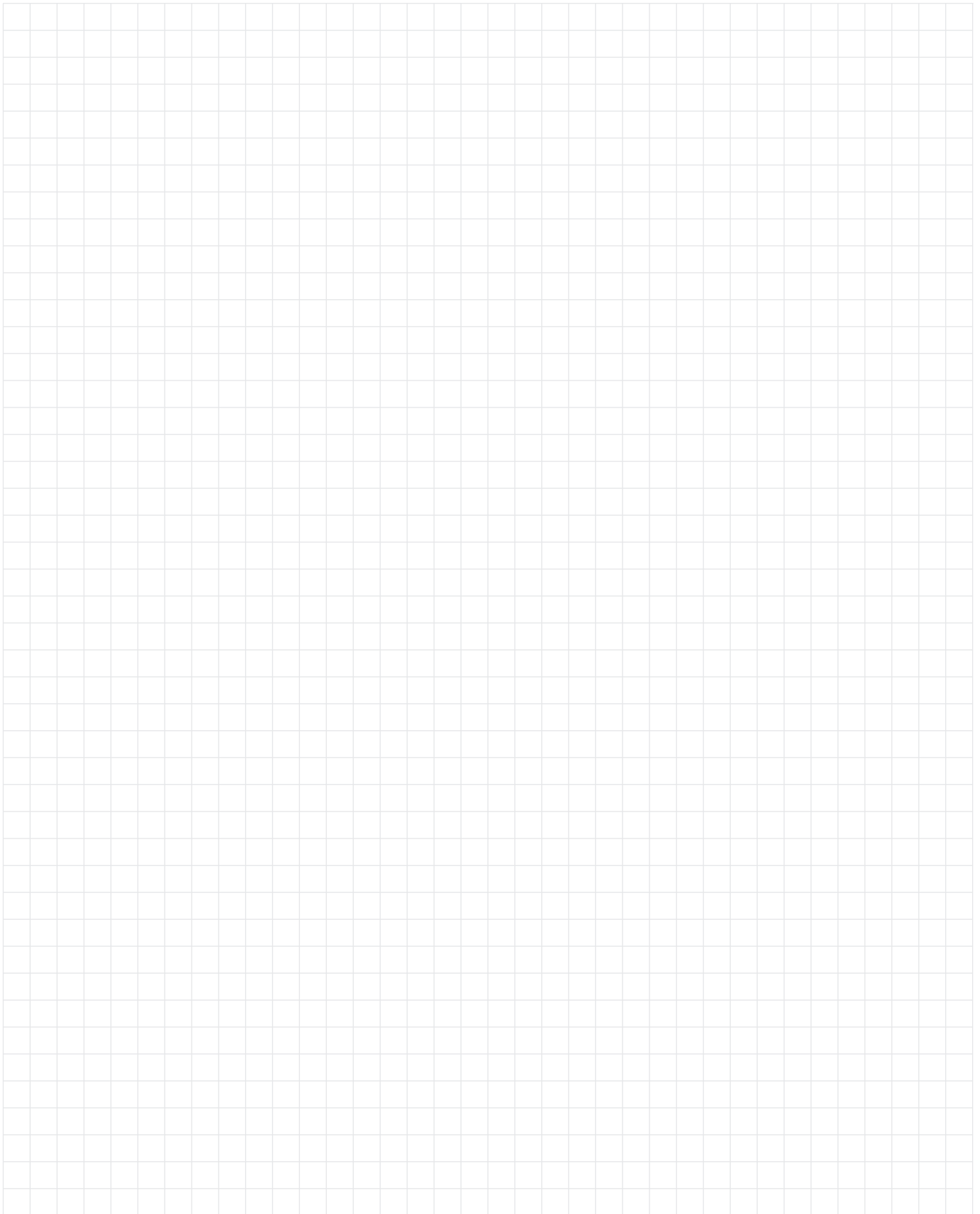
Notizen / Notes / Notes



Notizen / Notes / Notes



Notizen / Notes / Notes



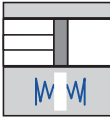


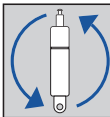
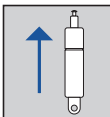
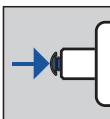
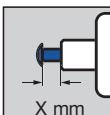
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|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----|-----------------------|
|                          |                          |                          |                          |                          |                          |     |                       |
| <input type="checkbox"/> |                          |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | 2,5 | 34                    |
| <input type="checkbox"/> |                          |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | 2,5 | 35                    |
| <input type="checkbox"/> |                          |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | 1   | 36                    |
| <input type="checkbox"/> |                          |                          | <input type="checkbox"/> |                          |                          | 2,5 | 37                    |
| <input type="checkbox"/> |                          |                          | <input type="checkbox"/> |                          |                          | 1   | 38                    |
|                          | <input type="checkbox"/> |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | 2,5 | 39                    |
|                          | <input type="checkbox"/> |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | 1   | 40                    |
|                          | <input type="checkbox"/> |                          | <input type="checkbox"/> |                          |                          | 2,5 | 41                    |
|                          | <input type="checkbox"/> |                          | <input type="checkbox"/> |                          |                          | 1   | 42                    |
|                          |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | <input type="checkbox"/> | 2,5 | 43                    |
|                          |                          | <input type="checkbox"/> | <input type="checkbox"/> |                          | <input type="checkbox"/> | 2,5 | 44                    |
|                          |                          | <input type="checkbox"/> | <input type="checkbox"/> |                          | <input type="checkbox"/> | 1   | 45                    |

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 Accessories Page 46

# BLOC-O-LIFT®

Stufenlos verstellen, starr oder federnd blockieren.  
 Variable positioning, rigid or spring blocking.  
 Réglage en continu, blocage rigide ou élastique.

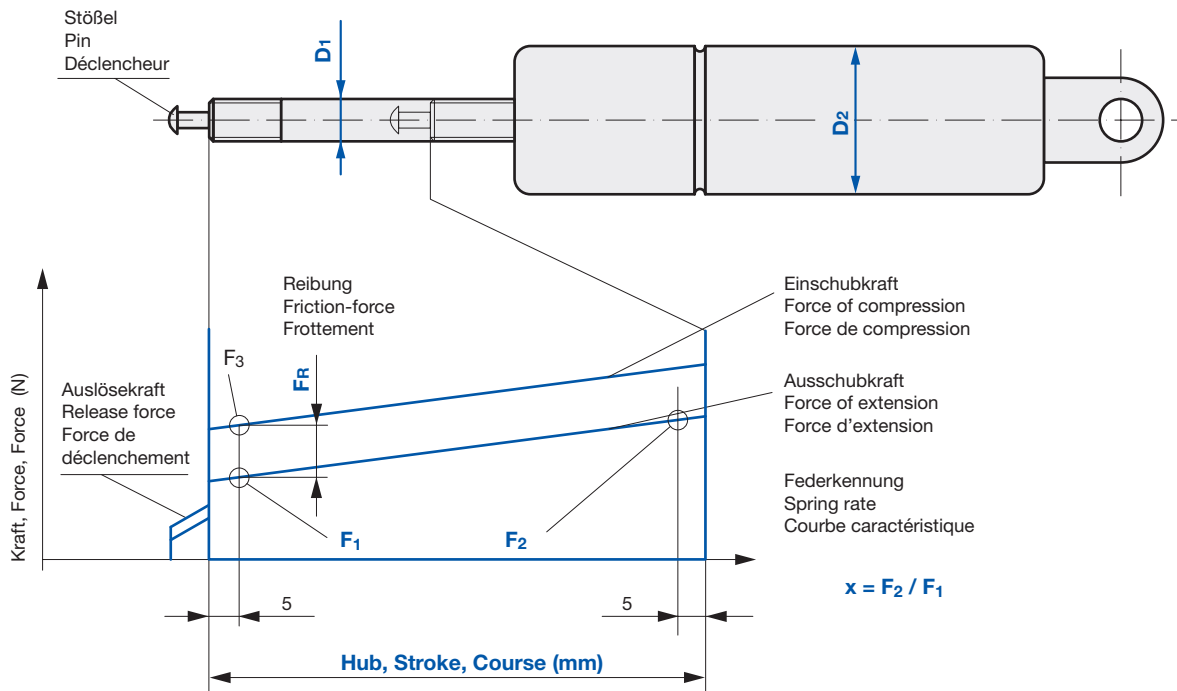
|   |   |
|---|---|
| Federnde Blockierung<br>Springing blocking<br>Blocage élastique   |    |
| Starre Blockierung in Zugrichtung<br>Rigid blocking in extension<br>Blocage rigide dans le sens de détente    |    |
| Starre Blockierung in Druckrichtung<br>Rigid blocking in compr.<br>Blocage rigide dans le sens de compression |    |
| Einbaulage beliebig<br>Installation position any as required<br>Position de montage aux choix                 |    |
| Kolbenstange nach oben<br>With piston rod upwards<br>Avec tige vers le haut                                   |    |
| für Dauerauslösung geeignet<br>Suitable for perm. release<br>Propre à déclenchement permanent                 |   |
| Auslöseweg<br>Release way<br>Course de déclenchement  |  |

BLOC-O-LIFT®

**Notizen / Notes / Notes**

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

Technische Informationen  
 Technical information  
 Information technique



| D1<br>(mm) | D2<br>(mm) | Ausschubkraft<br>Force of extension<br>Force d'extension<br>F <sub>1</sub> (N) |      | X<br>(≈) | F <sub>R</sub> max.<br>(N) | Auslösekraft<br>Release force<br>Force de déclenchement |
|------------|------------|--|------|----------|----------------------------|---|
|            |            | min.   | max. |          |                            |   |
| 8          | 28         | 200  | 1000 | 1,01-1,5 | 80                         | ca. 30 % F <sub>1</sub>                                 |
| 10         | 28         | 200  | 1200 | 1,01-1,6 | 80                         | ca. 18 % F <sub>1</sub>                                 |

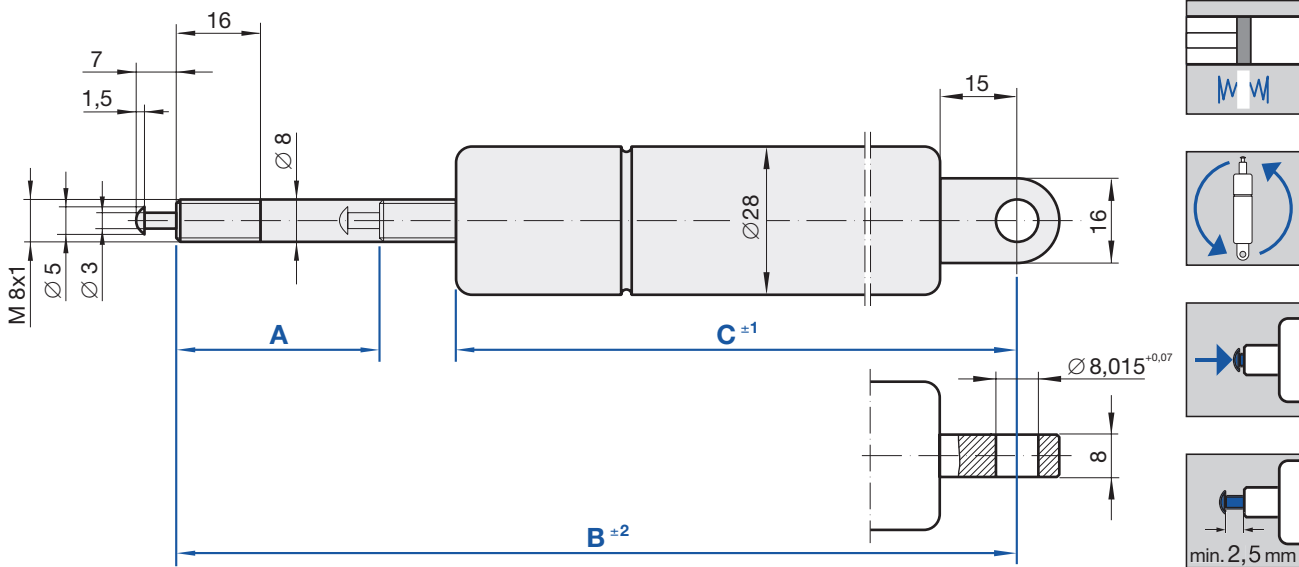
Einbauvorschrift  
 Installation instruction  
 Instruction de montage **STAB-Spec. 1000 5593**

Ventilauslösekraft nach  
 Release force of calve according  
 Force d'ouverture de la soupape selon **STAB-Spec. 1000 5233**

Statische Messung der Kräfte  
 Statically measured forces  
 Forces mesurées statiquement **STAB-Spec. 1000 9033**

Entsorgungsvorschrift  
 Disposal instruction  
 Instruction de neutralisation **STAB-Spec. 1000 9375**  
[www.stabilus.com/recycling](http://www.stabilus.com/recycling)

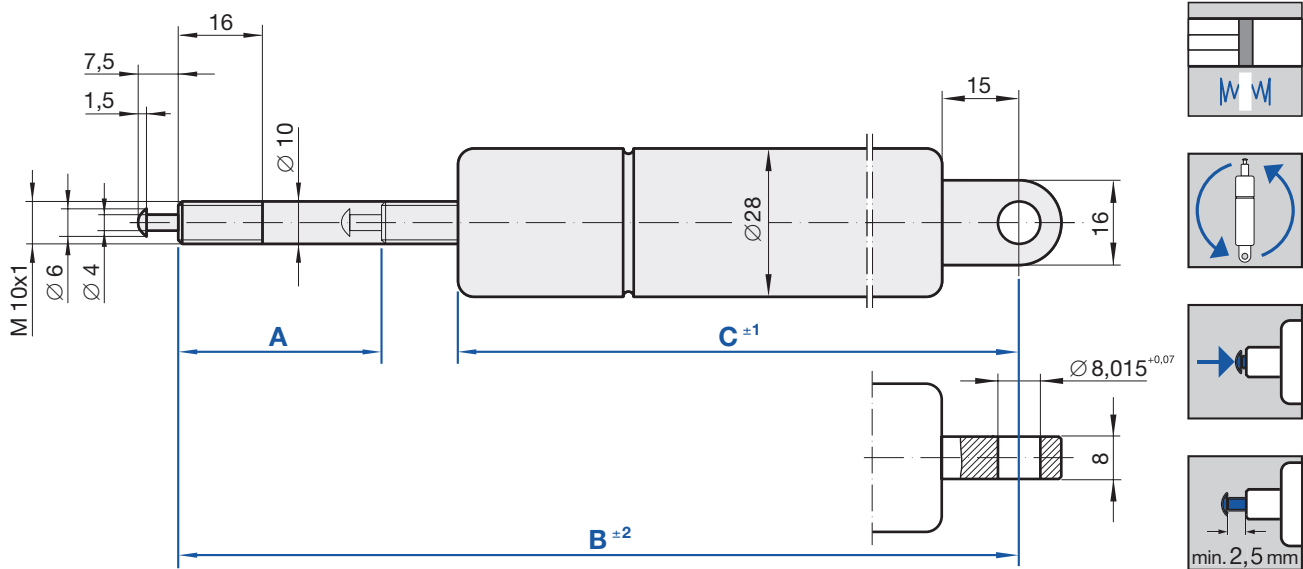
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06



| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|----------------------|-------------------------------------|
| 20,0                         | 146,0  | 110,0  | 200                  | 691674                              |
|                              |  |  | 250                  | 728896                              |
|                              |  |  | 300                  | 728918                              |
|                              |  |  | 350                  | 728926                              |
|                              |  |  | 400                  | 728934                              |
|                              |  |  | 500                  | 681520                              |
|                              |  |  | 600                  | 728942                              |
|                              |  |  | 800                  | 691682                              |
|                              |  |  | 1000                 | 728950                              |
| 25,0                         | 157,0  | 115,0  | 200                  | 691690                              |
|                              |  |  | 250                  | 728969                              |
|                              |  |  | 300                  | 728977                              |
|                              |  |  | 350                  | 728985                              |
|                              |  |  | 400                  | 728993                              |
|                              |  |  | 500                  | 627054                              |
|                              |  |  | 600                  | 729000                              |
|                              |  |  | 800                  | 691739                              |
|                              |  |  | 1000                 | 729019                              |
| 30,0                         | 168,0  | 120,0  | 200                  | 681539                              |
|                              |  |  | 250                  | 729027                              |
|                              |  |  | 300                  | 729035                              |
|                              |  |  | 350                  | 729043                              |
|                              |  |  | 400                  | 729051                              |
|                              |  |  | 500                  | 691747                              |
|                              |  |  | 600                  | 729078                              |
|                              |  |  | 800                  | 691755                              |
|                              |  |  | 1000                 | 729086                              |
| 40,0                         | 187,0  | 130,0  | 200                  | 681547                              |
|                              |  |  | 250                  | 729094                              |
|                              |  |  | 300                  | 729108                              |
|                              |  |  | 350                  | 729116                              |
|                              |  |  | 400                  | 729124                              |
|                              |  |  | 500                  | 691763                              |
|                              |  |  | 600                  | 729132                              |
|                              |  |  | 800                  | 691771                              |
|                              |  |  | 1000                 | 729140                              |

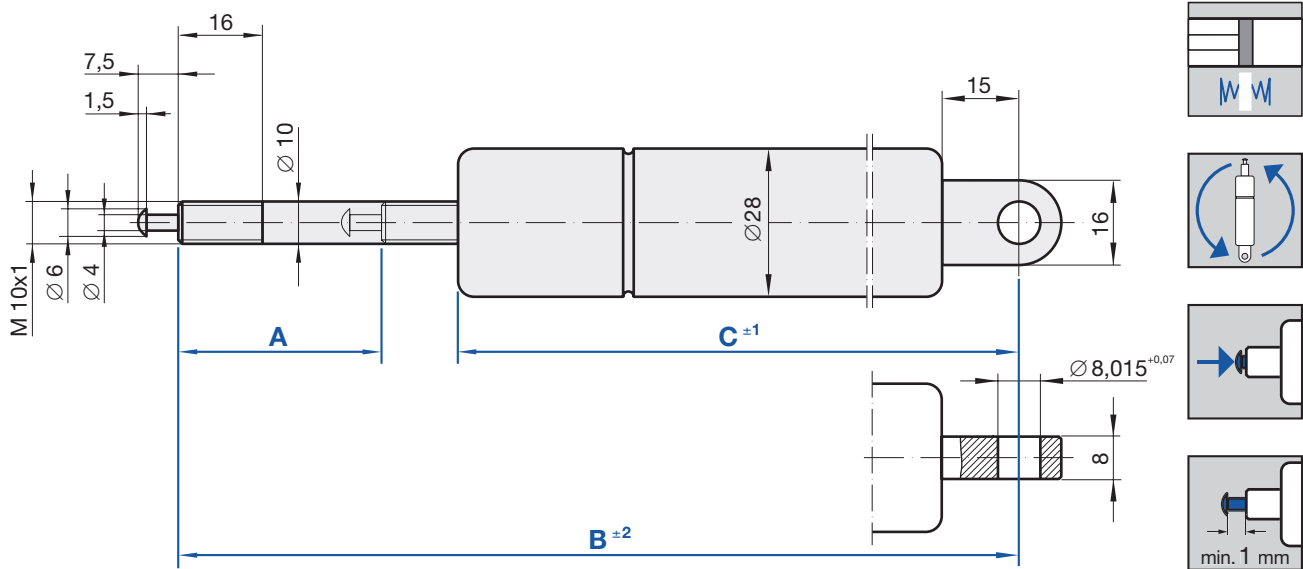
| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|----------------------|-------------------------------------|
| 60,0                         | 228,0  | 150,0  | 200                  | 681806                              |
|                              |  |  | 250                  | 729159                              |
|                              |  |  | 300                  | 729167                              |
|                              |  |  | 350                  | 729175                              |
|                              |  |  | 400                  | 729183                              |
|                              |  |  | 500                  | 691798                              |
|                              |  |  | 600                  | 729191                              |
|                              |  |  | 800                  | 691801                              |
|                              |  |  | 1000                 | 729205                              |
| 80,0                         | 266,0  | 170,0  | 200                  | 681814                              |
|                              |  |  | 250                  | 729213                              |
|                              |  |  | 300                  | 729221                              |
|                              |  |  | 350                  | 729248                              |
|                              |  |  | 400                  | 729256                              |
|                              |  |  | 500                  | 691828                              |
|                              |  |  | 600                  | 729264                              |
|                              |  |  | 800                  | 691836                              |
|                              |  |  | 1000                 | 729272                              |
| 100,0                        | 307,0  | 190,0  | 200                  | 681822                              |
|                              |  |  | 250                  | 729280                              |
|                              |  |  | 300                  | 729299                              |
|                              |  |  | 350                  | 729302                              |
|                              |  |  | 400                  | 729310                              |
|                              |  |  | 500                  | 691844                              |
|                              |  |  | 600                  | 729329                              |
|                              |  |  | 800                  | 691852                              |
|                              |  |  | 1000                 | 729337                              |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements 05/06



| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|----------------------|-------------------------------------|
| 20,0                         | 149,5  | 111,5  | 300                  | 670685                              |
|                              |  |  | 350                  | 728543                              |
|                              |  |  | 400                  | 728594                              |
|                              |  |  | 500                  | 670626                              |
|                              |  |  | 600                  | 728640                              |
|                              |  |  | 800                  | 691860                              |
|                              |  |  | 1000                 | 728659                              |
|                              |  |  | 1200                 | 728667                              |
| 25,0                         | 157,5  | 116,5  | 250                  | 681830                              |
|                              |  |  | 300                  | 728675                              |
|                              |  |  | 350                  | 728683                              |
|                              |  |  | 400                  | 728705                              |
|                              |  |  | 500                  | 691879                              |
|                              |  |  | 600                  | 728713                              |
|                              |  |  | 800                  | 691887                              |
|                              |  |  | 1000                 | 728721                              |
| 1200                         | 728748   |  |                      |                                     |

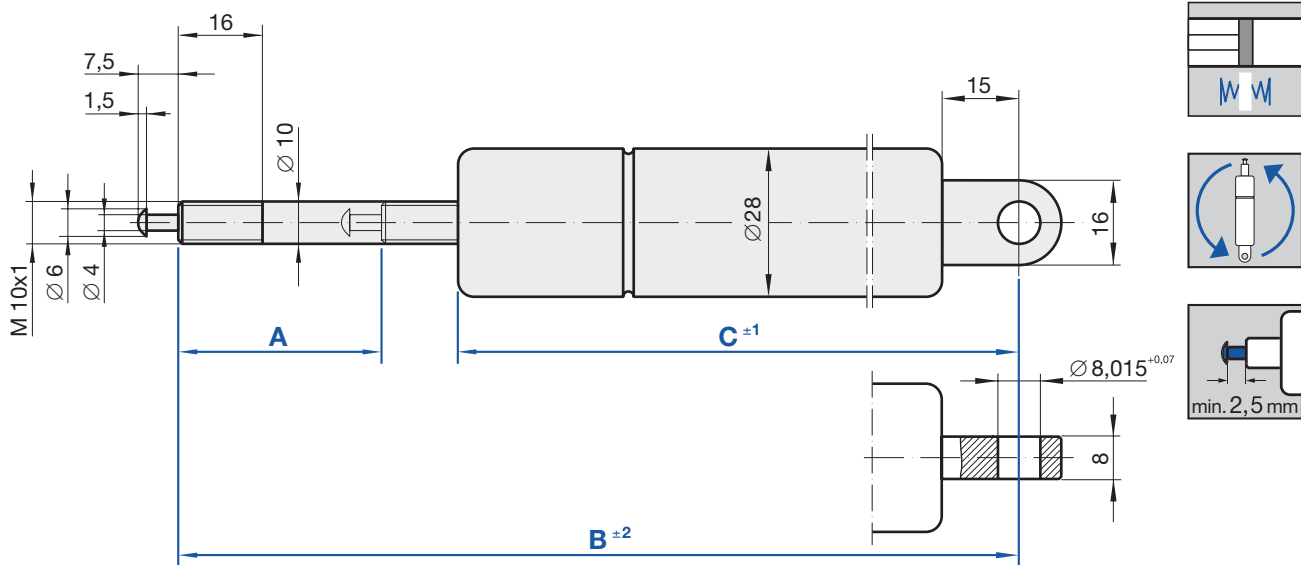
| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|----------------------|-------------------------------------|
| 30,0                         | 168,5  | 121,5  | 250                  | 681849                              |
|                              |  |  | 300                  | 728756                              |
|                              |  |  | 350                  | 728764                              |
|                              |  |  | 400                  | 728772                              |
|                              |  |  | 500                  | 691895                              |
|                              |  |  | 600                  | 728780                              |
|                              |  |  | 800                  | 691909                              |
|                              |  |  | 1000                 | 728799                              |
| 40,0                         | 187,5  | 131,5  | 1200                 | 728802                              |
|                              |  |  | 200                  | 681857                              |
|                              |  |  | 250                  | 728810                              |
|                              |  |  | 300                  | 728829                              |
|                              |  |  | 350                  | 728837                              |
|                              |  |  | 400                  | 728845                              |
|                              |  |  | 500                  | 691917                              |
|                              |  |  | 600                  | 728853                              |
| 800                          | 691925   |  |                      |                                     |
| 1000                         | 728861   |  |                      |                                     |
| 1200                         | 728888   |  |                      |                                     |



| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|----------------------|-------------------------------------|
| 20,0                         | 149,5  | 111,5  | 300                  | 681954                              |
|                              |  |  | 350                  | 729892                              |
|                              |  |  | 400                  | 729906                              |
|                              |  |  | 500                  | 692263                              |
|                              |  |  | 600                  | 729914                              |
|                              |  |  | 800                  | 692271                              |
|                              |  |  | 1000                 | 729922                              |
|                              |  |  | 1200                 | 729930                              |
| 25,0                         | 157,5  | 116,5  | 250                  | 681962                              |
|                              |  |  | 300                  | 729949                              |
|                              |  |  | 350                  | 729957                              |
|                              |  |  | 400                  | 729965                              |
|                              |  |  | 500                  | 692298                              |
|                              |  |  | 600                  | 729981                              |
|                              |  |  | 800                  | 692301                              |
|                              |  |  | 1000                 | 730009                              |
| 1200                         | 730017   |  |                      |                                     |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|----------------------|-------------------------------------|
| 30,0                         | 168,5  | 121,5  | 250                  | 681970                              |
|                              |  |  | 300                  | 730025                              |
|                              |  |  | 350                  | 730033                              |
|                              |  |  | 400                  | 730041                              |
|                              |  |  | 500                  | 692328                              |
|                              |  |  | 600                  | 730068                              |
|                              |  |  | 800                  | 692336                              |
|                              |  |  | 1000                 | 730076                              |
| 1200                         | 730084   |  |                      |                                     |
| 40,0                         | 187,5  | 131,5  | 200                  | 681989                              |
|                              |  |  | 250                  | 730092                              |
|                              |  |  | 300                  | 730106                              |
|                              |  |  | 350                  | 730114                              |
|                              |  |  | 400                  | 730122                              |
|                              |  |  | 500                  | 692344                              |
|                              |  |  | 600                  | 730130                              |
|                              |  |  | 800                  | 692352                              |
|                              |  |  | 1000                 | 730149                              |
|                              |  |  | 1200                 | 730157                              |

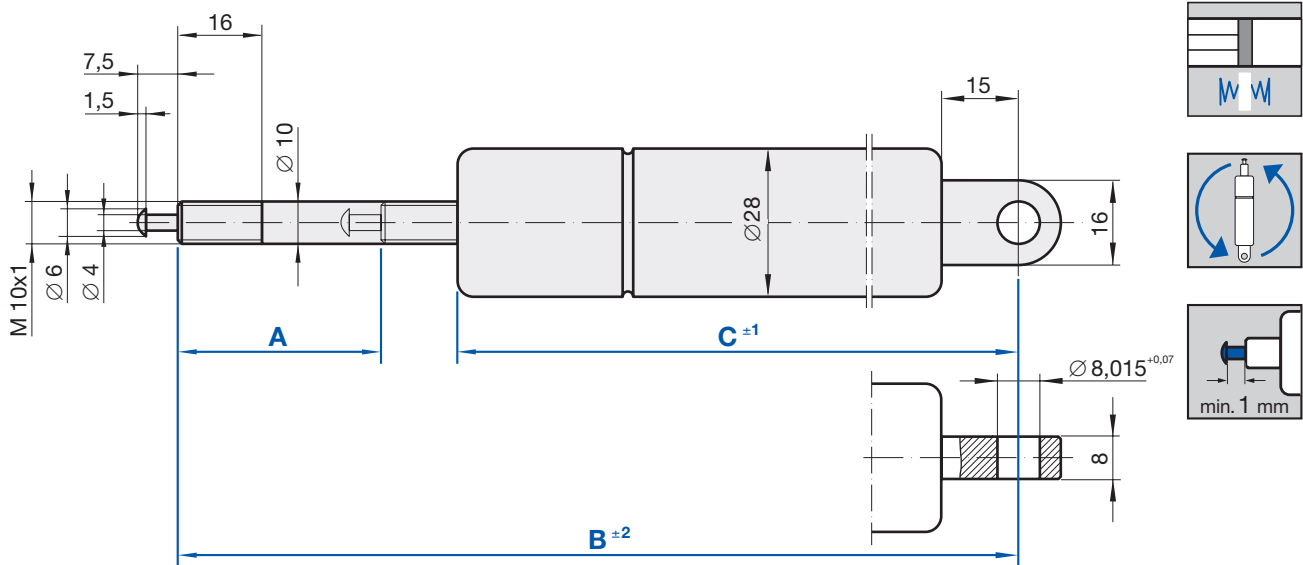
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|------------------------------|--|--|----------------------|-------------------------------------|
| 60,0                         | 228,0  | 151,5  | 200                  | 681865                              |
|                              |  |  | 250                  | 729345                              |
|                              |  |  | 300                  | 729353                              |
|                              |  |  | 350                  | 729361                              |
|                              |  |  | 400                  | 729388                              |
|                              |  |  | 500                  | 691933                              |
|                              |  |  | 600                  | 729396                              |
|                              |  |  | 800                  | 691941                              |
|                              |  |  | 1000                 | 729418                              |
| 80,0                         | 269,0  | 171,5  | 1200                 | 729426                              |
|                              |  |  | 200                  | 681946                              |
|                              |  |  | 250                  | 729434                              |
|                              |  |  | 300                  | 729442                              |
|                              |  |  | 350                  | 729450                              |
|                              |  |  | 400                  | 729469                              |
|                              |  |  | 500                  | 691968                              |
|                              |  |  | 600                  | 729477                              |
|                              |  |  | 800                  | 691976                              |
| 100,0                        | 310,0  | 191,5  | 1000                 | 729485                              |
|                              |  |  | 1200                 | 729493                              |
|                              |  |  | 200                  | 681873                              |
|                              |  |  | 250                  | 729507                              |
|                              |  |  | 300                  | 729515                              |
|                              |  |  | 350                  | 729523                              |
|                              |  |  | 400                  | 729531                              |
|                              |  |  | 500                  | 691984                              |
|                              |  |  | 600                  | 729558                              |
| 120,0                        | 348,0  | 211,5  | 800                  | 691992                              |
|                              |  |  | 1000                 | 729566                              |
|                              |  |  | 1200                 | 729574                              |
|                              |  |  | 200                  | 681881                              |
|                              |  |  | 250                  | 729582                              |
|                              |  |  | 300                  | 729590                              |
|                              |  |  | 350                  | 729604                              |
|                              |  |  | 400                  | 729612                              |

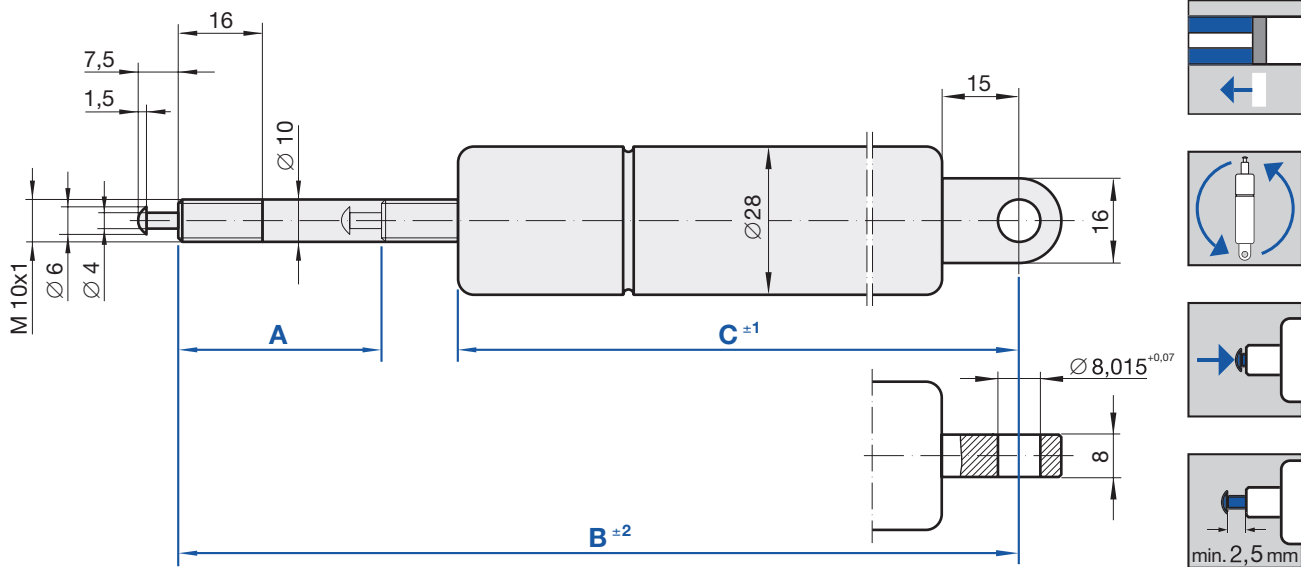
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|------------------------------|--|--|----------------------|-------------------------------------|
| 120,0                        | 348,0  | 211,5  | 500                  | 692018                              |
|                              |  |  | 600                  | 729620                              |
|                              |  |  | 800                  | 692026                              |
|                              |  |  | 1000                 | 729639                              |
|                              |  |  | 1200                 | 729647                              |
| 160,0                        | 430,0  | 251,5  | 200                  | 681903                              |
|                              |  |  | 250                  | 729655                              |
|                              |  |  | 300                  | 729663                              |
|                              |  |  | 350                  | 729671                              |
|                              |  |  | 400                  | 729698                              |
|                              |  |  | 500                  | 692034                              |
|                              |  |  | 600                  | 729701                              |
|                              |  |  | 800                  | 692212                              |
| 200,0                        | 509,0  | 291,5  | 1000                 | 729728                              |
|                              |  |  | 1200                 | 729736                              |
|                              |  |  | 200                  | 681911                              |
|                              |  |  | 250                  | 729744                              |
|                              |  |  | 300                  | 729752                              |
|                              |  |  | 350                  | 729760                              |
|                              |  |  | 400                  | 729779                              |
|                              |  |  | 500                  | 692220                              |
| 250,0                        | 610,0  | 341,5  | 600                  | 729787                              |
|                              |  |  | 800                  | 692239                              |
|                              |  |  | 1000                 | 729795                              |
|                              |  |  | 1200                 | 729809                              |
|                              |  |  | 200                  | 681938                              |
|                              |  |  | 250                  | 729817                              |
|                              |  |  | 300                  | 729825                              |
|                              |  |  | 350                  | 729833                              |
| 120,0                        | 348,0  | 211,5  | 400                  | 729841                              |
|                              |  |  | 500                  | 692247                              |
|                              |  |  | 600                  | 729868                              |
|                              |  |  | 800                  | 692255                              |
|                              |  |  | 1000                 | 729876                              |
|                              |  |  | 1200                 | 729884                              |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements 05/06



| A                       | B   | C   | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No. |
|-------------------------|---|---|----------------------|-------------------------|
| Hub<br>Stroke<br>Course | Ausgesch. Länge<br>Extended length<br>Longueur sortie | Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression |                      | Ref.-No.                |
| 60,0                    | 228,0   | 151,5   | 200                  | 692360                  |
|                         |   |   | 250                  | 730165                  |
|                         |   |   | 300                  | 730173                  |
|                         |   |   | 350                  | 730181                  |
|                         |   |   | 400                  | 730203                  |
|                         |   |   | 500                  | 682136                  |
|                         |   |   | 600                  | 730211                  |
|                         |   |   | 800                  | 692379                  |
|                         |   |   | 1000                 | 730238                  |
|                         |   |   | 1200                 | 730246                  |
| 100,0                   | 310,0   | 191,5   | 200                  | 682144                  |
|                         |   |   | 250                  | 730254                  |
|                         |   |   | 300                  | 730262                  |
|                         |   |   | 350                  | 730270                  |
|                         |   |   | 400                  | 730289                  |
|                         |   |   | 500                  | 692387                  |
|                         |   |   | 600                  | 730297                  |
|                         |   |   | 800                  | 692395                  |
|                         |   |   | 1000                 | 730300                  |
|                         |   |   | 1200                 | 730319                  |
| 200,0                   | 509,0   | 291,5   | 200                  | 682152                  |
|                         |   |   | 250                  | 730327                  |
|                         |   |   | 300                  | 730335                  |
|                         |   |   | 350                  | 730343                  |
|                         |   |   | 400                  | 730351                  |
|                         |   |   | 500                  | 692409                  |
|                         |   |   | 600                  | 730378                  |
|                         |   |   | 800                  | 692417                  |
|                         |   |   | 1000                 | 730386                  |
|                         |   |   | 1200                 | 730394                  |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

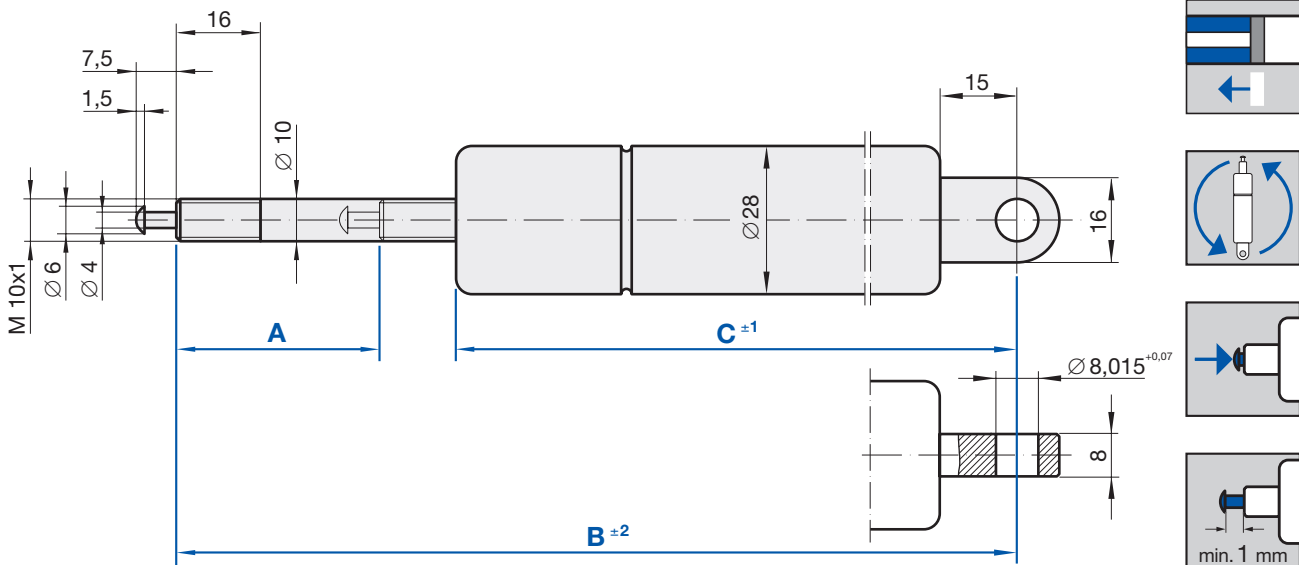


| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|--------|--------|----------------------|-------------------------------------|
| 19,5                         | 164,5  | 127,0  | 9500   | 2000   | 400                  | 2691HR                              |
|                              |  |  | 8500   | 2500   | 500                  | 2694HC                              |
|                              |  |  | 7500   | 3000   | 600                  | 2696HT                              |
|                              |  |  | 5500   | 4000   | 800                  | 2698HJ                              |
|                              |  |  | 3500   | 5000   | 1000                 | 2721HZ                              |
|                              |  |  | 2000   | 6000   | 1200                 | 2723HP                              |
| 25,5                         | 177,5  | 134,0  | 9000   | 2000   | 400                  | 2727HW                              |
|                              |  |  | 8000   | 2500   | 500                  | 2731HT                              |
|                              |  |  | 7000   | 3000   | 600                  | 2733HJ                              |
|                              |  |  | 5500   | 4000   | 800                  | 2736HV                              |
|                              |  |  | 3000   | 5000   | 1000                 | 2738HL                              |
|                              |  |  | 1000   | 6000   | 1200                 | 2741HN                              |
| 31,5                         | 192,5  | 143,0  | 10000  | 1000   | 300                  | 2745HU                              |
|                              |  |  | 9000   | 2000   | 400                  | 2748HF                              |
|                              |  |  | 8000   | 2500   | 500                  | 2751HH                              |
|                              |  |  | 7000   | 3000   | 600                  | 2753HY                              |
|                              |  |  | 5000   | 4000   | 800                  | 2611HL                              |
|                              |  |  | 3000   | 5000   | 1000                 | 2776HY                              |
| 40,5                         | 212,5  | 154,0  | 10000  | 1000   | 300                  | 2787HN                              |
|                              |  |  | 9000   | 2000   | 400                  | 2791HK                              |
|                              |  |  | 8000   | 2500   | 500                  | 2793HA                              |
|                              |  |  | 7000   | 3000   | 600                  | 2803HU                              |
|                              |  |  | 5000   | 4000   | 800                  | 2805HK                              |
|                              |  |  | 2500   | 5000   | 1000                 | 2807HA                              |

**FZ** = Blockierkraft in Zugrichtung (N)  
Blocking force in traction direction (N)  
Force de blocage en traction (N)

**FD** = Blockierkraft in Druckrichtung (N)  
Blocking force in compression direction (N)  
Force de blocage en compression (N)

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

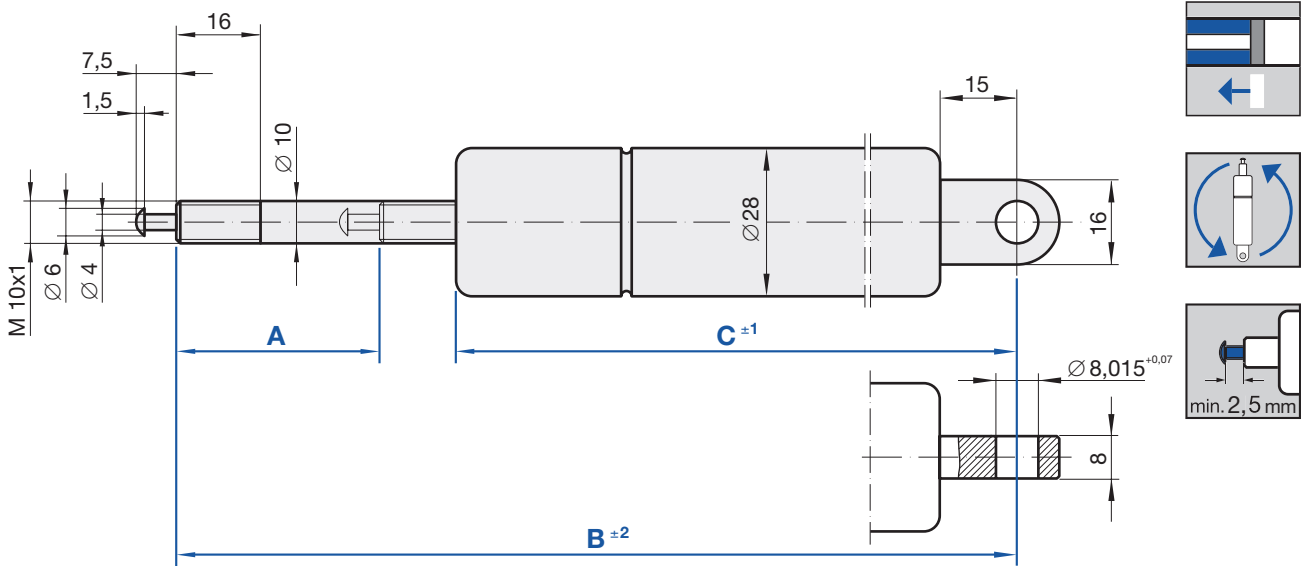


| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|--------|--------|----------------------|-------------------------------------|
| 19,5                         | 164,5  | 127,0  | 4500   | 2000   | 400                  | 5139HY                              |
|                              |  |  | 5500   | 2500   | 500                  | 5144HQ                              |
|                              |  |  | 7000   | 3000   | 600                  | 5146HG                              |
|                              |  |  | 6000   | 4000   | 800                  | 5148HX                              |
|                              |  |  | 4000   | 5000   | 1000                 | 5151HZ                              |
|                              |  |  | 2000   | 6000   | 1200                 | 5153HP                              |
| 25,5                         | 177,5  | 134,0  | 4500   | 2000   | 400                  | 5157HW                              |
|                              |  |  | 6000   | 2500   | 500                  | 5169HG                              |
|                              |  |  | 7000   | 3000   | 600                  | 5172HI                              |
|                              |  |  | 5500   | 4000   | 800                  | 5174HZ                              |
|                              |  |  | 3500   | 5000   | 1000                 | 5176HP                              |
|                              |  |  | 1500   | 6000   | 1200                 | 5178HF                              |
| 31,5                         | 192,5  | 143,0  | 3500   | 1000   | 300                  | 5183HY                              |
|                              |  |  | 5000   | 2000   | 400                  | 5186HJ                              |
|                              |  |  | 6000   | 2500   | 500                  | 5189HV                              |
|                              |  |  | 7000   | 3000   | 600                  | 5192HX                              |
|                              |  |  | 5500   | 4000   | 800                  | 5194HN                              |
|                              |  |  | 3500   | 5000   | 1000                 | 5196HD                              |
|                              |  |  | 1500   | 6000   | 1200                 | 5198HU                              |
| 40,5                         | 212,5  | 154,0  | 4000   | 1000   | 300                  | 5203HL                              |
|                              |  |  | 5000   | 2000   | 400                  | 5206HX                              |
|                              |  |  | 6500   | 2500   | 500                  | 5208HN                              |
|                              |  |  | 7000   | 3000   | 600                  | 5211HP                              |
|                              |  |  | 5000   | 4000   | 800                  | 5213HF                              |
|                              |  |  | 3000   | 5000   | 1000                 | 5215HW                              |

**FZ** = Blockierkraft in Zugrichtung (N)  
Blocking force in traction direction (N)  
Force de blocage en traction (N)

**FD** = Blockierkraft in Druckrichtung (N)  
Blocking force in compression direction (N)  
Force de blocage en compression (N)

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



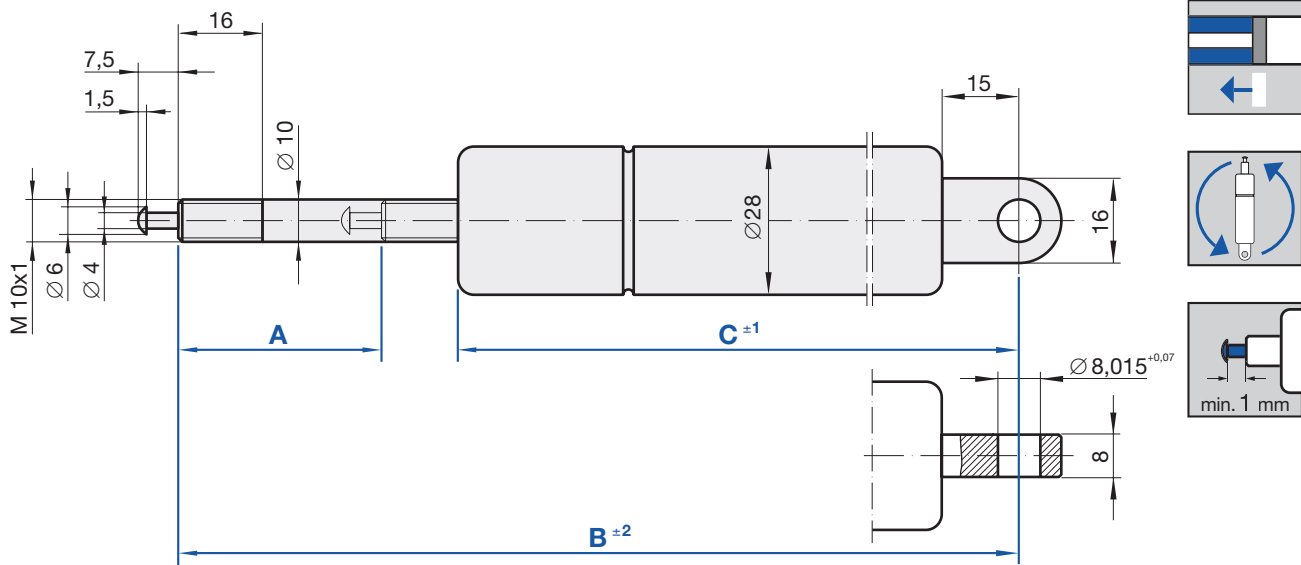
| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur sortie | C<br>Druckrohr-<br>länge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|---|--------|--------|----------------------|-------------------------------------|
| 60,0                         | 265,0  | 187,0   | 10000  | 1000   | 300                  | 5219HC                              |
|                              |  |   | 9000   | 2000   | 400                  | 5224HV                              |
|                              |  |   | 8000   | 2500   | 500                  | 5226HL                              |
|                              |  |   | 7000   | 3000   | 600                  | 5228HB                              |
|                              |  |   | 4500   | 4000   | 800                  | 5231HD                              |
| 81,0                         | 310,0  | 211,0   | 2500   | 5000   | 1000                 | 5233HU                              |
|                              |  |   | 10500  | 900    | 200                  | 2784HB                              |
|                              |  |   | 9500   | 1000   | 300                  | 5238HW                              |
|                              |  |   | 8500   | 2000   | 400                  | 5241HY                              |
|                              |  |   | 7500   | 2500   | 500                  | 5243HO                              |
|                              |  |   | 6500   | 3000   | 600                  | 5245HE                              |
| 100,5                        | 370,5  | 252,0   | 4000   | 4000   | 800                  | 5248HQ                              |
|                              |  |   | 1500   | 5000   | 1000                 | 5251HS                              |
|                              |  |   | 10500  | 900    | 200                  | 5255HZ                              |
|                              |  |   | 9500   | 1000   | 300                  | 5258HK                              |
|                              |  |   | 8500   | 2000   | 400                  | 5261HM                              |
|                              |  |   | 7000   | 2500   | 500                  | 5263HC                              |
|                              |  |   | 6000   | 3000   | 600                  | 5265HT                              |
| 3500                         | 4000   | 800   | 5267HJ |        |                      |                                     |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur sortie | C<br>Druckrohr-<br>länge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|---|--------|--------|----------------------|-------------------------------------|
| 121,5                        | 420,5  | 281,0   | 10500  | 900    | 200                  | 5273HX                              |
|                              |  |   | 9500   | 1000   | 300                  | 5281HA                              |
|                              |  |   | 8000   | 2000   | 400                  | 5283HR                              |
|                              |  |   | 7000   | 2500   | 500                  | 5285HH                              |
|                              |  |   | 6000   | 3000   | 600                  | 5287HY                              |
|                              |  |   | 3500   | 4000   | 800                  | 5289HO                              |
| 160,5                        | 510,5  | 332,0   | 10500  | 900    | 200                  | 5294HG                              |
|                              |  |   | 9000   | 1000   | 300                  | 5297HS                              |
|                              |  |   | 8000   | 2000   | 400                  | 5299HI                              |
|                              |  |   | 7000   | 2500   | 500                  | 5302HJ                              |
|                              |  |   | 5500   | 3000   | 600                  | 5311HI                              |
|                              |  |   | 3000   | 4000   | 800                  | 5313HZ                              |
| 199,5                        | 600,5  | 383,0   | 10500  | 900    | 200                  | 5317HF                              |
|                              |  |   | 9000   | 1000   | 300                  | 5321HC                              |
|                              |  |   | 8000   | 2000   | 400                  | 5323HT                              |
|                              |  |   | 6500   | 2500   | 500                  | 5325HJ                              |
|                              |  |   | 5500   | 3000   | 600                  | 5328HV                              |
|                              |  |   | 2500   | 4000   | 800                  | 5331HX                              |

**FZ** = Blockierkraft in Zugrichtung (N)  
Blocking force in traction direction (N)  
Force de blocage en traction (N)

**FD** = Blockierkraft in Druckrichtung (N)  
Blocking force in compression direction (N)  
Force de blocage en compression (N)

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

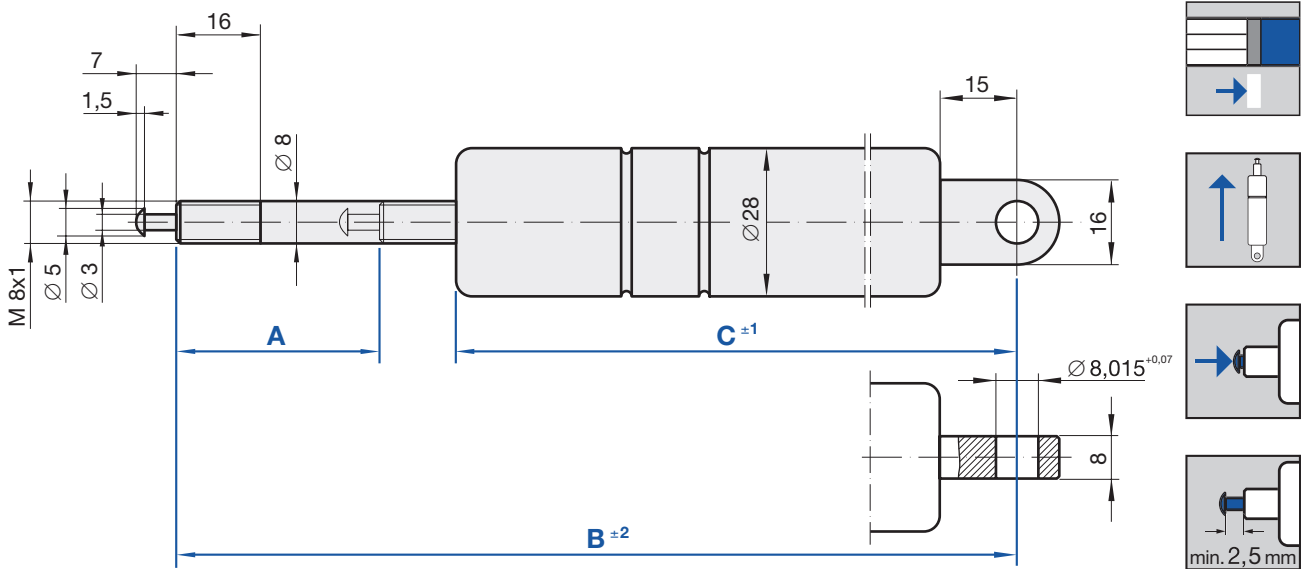


| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|--------|--------|----------------------|-------------------------------------|
| 60,0                         | 265,0  | 187,0  | 2500   | 900    | 200                  | 5352HG                              |
|                              |  |  | 4000   | 1000   | 300                  | 5355HS                              |
|                              |  |  | 5000   | 2000   | 400                  | 5357HI                              |
|                              |  |  | 6500   | 2500   | 500                  | 5359HZ                              |
|                              |  |  | 7000   | 3000   | 600                  | 5362HA                              |
|                              |  |  | 5000   | 4000   | 800                  | 5364HR                              |
|                              |  |  | 2500   | 5000   | 1000                 | 5366HH                              |
| 100,5                        | 370,5  | 252,0  | 3000   | 900    | 200                  | 5372HV                              |
|                              |  |  | 4500   | 1000   | 300                  | 5375HG                              |
|                              |  |  | 6000   | 2000   | 400                  | 5377HX                              |
|                              |  |  | 7000   | 2500   | 500                  | 5379HN                              |
|                              |  |  | 6000   | 3000   | 600                  | 5382HP                              |
|                              |  |  | 4000   | 4000   | 800                  | 5384HF                              |
| 160,5                        | 510,5  | 332,0  | 3000   | 900    | 200                  | 5388HM                              |
|                              |  |  | 4500   | 1000   | 300                  | 5392HJ                              |
|                              |  |  | 6000   | 2000   | 400                  | 5395HV                              |
|                              |  |  | 7000   | 2500   | 500                  | 5397HL                              |
|                              |  |  | 6000   | 3000   | 600                  | 5399HB                              |
|                              |  |  | 3000   | 4000   | 800                  | 5402HC                              |
| 250,5                        | 730,5  | 462,0  | 3000   | 900    | 200                  | 5406HJ                              |
|                              |  |  | 4500   | 1000   | 300                  | 5411HB                              |
|                              |  |  | 6000   | 2000   | 400                  | 5413HS                              |
|                              |  |  | 7000   | 2500   | 500                  | 5415HI                              |
|                              |  |  | 6000   | 3000   | 600                  | 5417HZ                              |
|                              |  |  | 3000   | 4000   | 800                  | 5419HP                              |

**FZ** = Blockierkraft in Zugrichtung (N)  
 Blocking force in traction direction (N)  
 Force de blocage en traction (N)

**FD** = Blockierkraft in Druckrichtung (N)  
 Blocking force in compression direction (N)  
 Force de blocage en compression (N)

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06



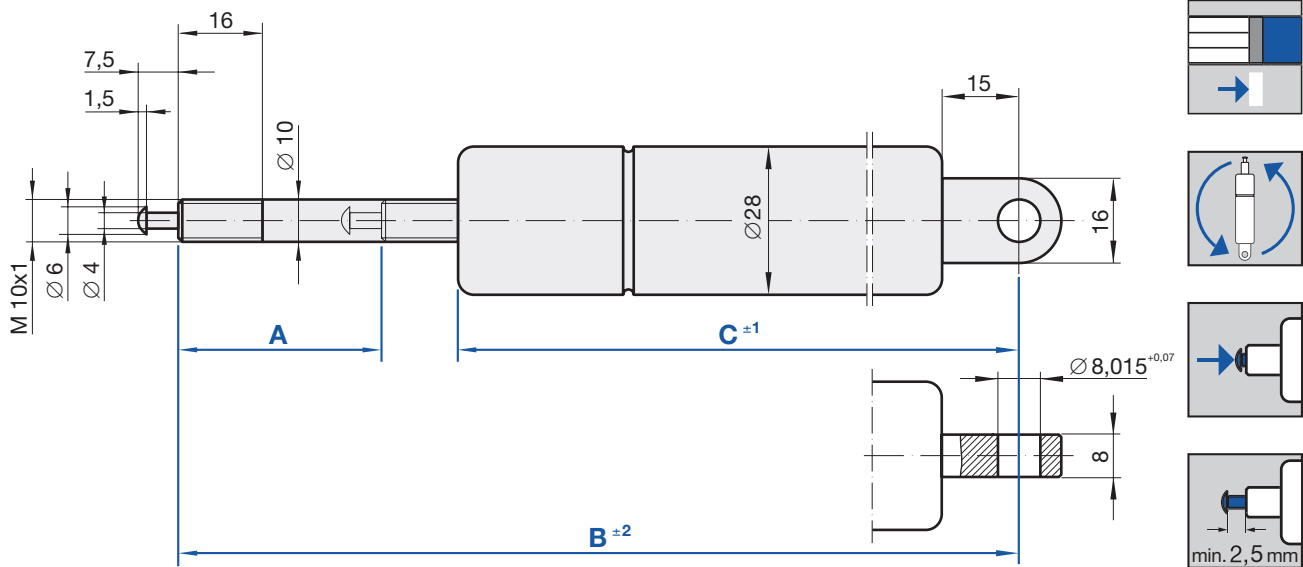
| A      | B               | C                            | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr. |
|--------|-----------------|------------------------------|--------|--------|----------------------|-------------|
| Hub    | Ausgesch. Länge | Druckrohrlänge               |        |        |                      | Ref.-No.    |
| Stroke | Extended length | Length of pressure tube      |        |        |                      | Ref.-No.    |
| Course | Longueur sortie | Longueur du tube de pression |        |        |                      | Ref.-No.    |
| 20,0   | 179,0           | 141,0                        | 1000   | 13000  | 200                  | 684058      |
|        |                 |                              | 1500   | 12500  | 250                  | 733199      |
|        |                 |                              | 2000   | 12000  | 300                  | 733202      |
|        |                 |                              | 2500   | 11500  | 350                  | 733210      |
|        |                 |                              | 3000   | 10500  | 400                  | 733229      |
|        |                 |                              | 4000   | 9500   | 500                  | 670138      |
|        |                 |                              | 5000   | 8000   | 600                  | 733237      |
|        |                 |                              | 4000   | 5500   | 800                  | 693391      |
|        |                 |                              | 1000   | 3000   | 1000                 | 733245      |
| 25,0   | 190,0           | 147,0                        | 1000   | 13000  | 200                  | 684066      |
|        |                 |                              | 1500   | 12500  | 250                  | 733253      |
|        |                 |                              | 2000   | 12000  | 300                  | 733261      |
|        |                 |                              | 2500   | 11500  | 350                  | 733288      |
|        |                 |                              | 3000   | 10500  | 400                  | 733296      |
|        |                 |                              | 4000   | 9500   | 500                  | 693405      |
|        |                 |                              | 5000   | 8000   | 600                  | 733318      |
|        |                 |                              | 3500   | 5500   | 800                  | 693413      |
|        |                 |                              | 500    | 2500   | 1000                 | 733326      |

| A      | B               | C                            | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr. |
|--------|-----------------|------------------------------|--------|--------|----------------------|-------------|
| Hub    | Ausgesch. Länge | Druckrohrlänge               |        |        |                      | Ref.-No.    |
| Stroke | Extended length | Length of pressure tube      |        |        |                      | Ref.-No.    |
| Course | Longueur sortie | Longueur du tube de pression |        |        |                      | Ref.-No.    |
| 30,0   | 204,0           | 156,0                        | 1000   | 13000  | 200                  | 684074      |
|        |                 |                              | 1500   | 12500  | 250                  | 733334      |
|        |                 |                              | 2000   | 12000  | 300                  | 733342      |
|        |                 |                              | 2500   | 11500  | 350                  | 733350      |
|        |                 |                              | 3000   | 10500  | 400                  | 733369      |
|        |                 |                              | 4000   | 9000   | 500                  | 693421      |
|        |                 |                              | 5000   | 8000   | 600                  | 733377      |
|        |                 |                              | 3500   | 5000   | 800                  | 693448      |
|        |                 |                              | 500    | 2500   | 1000                 | 733385      |
| 40,0   | 226,0           | 170,0                        | 1000   | 13000  | 200                  | 684082      |
|        |                 |                              | 1500   | 12500  | 250                  | 733393      |
|        |                 |                              | 2000   | 12000  | 300                  | 733407      |
|        |                 |                              | 2500   | 11000  | 350                  | 733415      |
|        |                 |                              | 3000   | 10500  | 400                  | 733423      |
|        |                 |                              | 4000   | 9000   | 500                  | 693456      |
|        |                 |                              | 5000   | 8000   | 600                  | 733431      |
|        |                 |                              | 3000   | 5000   | 800                  | 693464      |

**FZ** = Blockierkraft in Zugrichtung (N)  
 Blocking force in traction direction (N)  
 Force de blocage en traction (N)

**FD** = Blockierkraft in Druckrichtung (N)  
 Blocking force in compression direction (N)  
 Force de blocage en compression (N)

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06



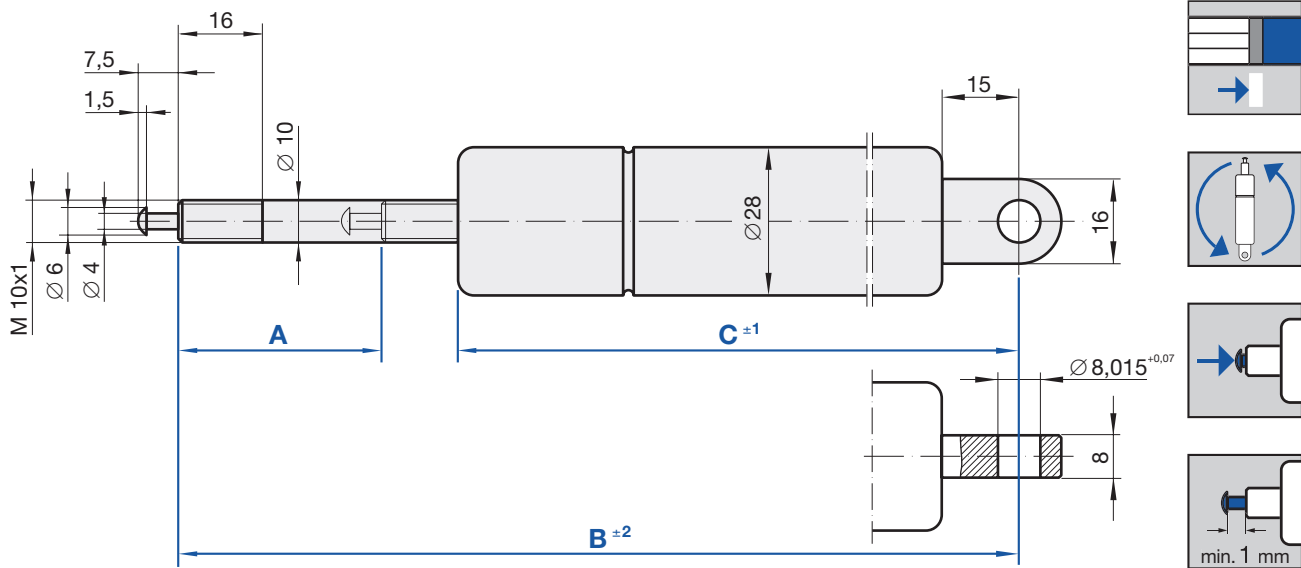
| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur sortie | C<br>Druckrohr-<br>länge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|---|--------|--------|----------------------|-------------------------------------|
| 20,0                         | 191,5  | 153,5   | 2500   | 12000  | 500                  | 670669                              |
|                              |  |   | 3000   | 11000  | 600                  | 682756                              |
|                              |  |   | 4000   | 9000   | 800                  | 693278                              |
|                              |  |   | 5000   | 8000   | 1000                 | 732869                              |
|                              |  |   | 3500   | 6500   | 1200                 | 732877                              |
| 25,0                         | 205,5  | 163,5   | 2000   | 12500  | 400                  | 682764                              |
|                              |  |   | 2500   | 12000  | 500                  | 693286                              |
|                              |  |   | 3000   | 11000  | 600                  | 732885                              |
|                              |  |   | 4000   | 9500   | 800                  | 693294                              |
|                              |  |   | 5000   | 8000   | 1000                 | 732893                              |
| 30,0                         | 219,5  | 173,5   | 3500   | 6500   | 1200                 | 767689                              |
|                              |  |   | 1500   | 13000  | 350                  | 682772                              |
|                              |  |   | 2000   | 12500  | 400                  | 732907                              |
|                              |  |   | 2500   | 11500  | 500                  | 693308                              |
|                              |  |   | 3000   | 10500  | 600                  | 732915                              |
| 40,0                         | 241,5  | 184,5   | 4000   | 9000   | 800                  | 693316                              |
|                              |  |   | 4500   | 7000   | 1000                 | 732923                              |
|                              |  |   | 2500   | 5500   | 1200                 | 732931                              |
|                              |  |   | 1500   | 12500  | 350                  | 682799                              |
|                              |  |   | 2000   | 12000  | 400                  | 732958                              |
|                              |  |   | 2500   | 11000  | 500                  | 693324                              |
|                              |  |   | 3000   | 10000  | 600                  | 732966                              |
|                              |  |   | 4000   | 8500   | 800                  | 693332                              |
|                              |  |   | 3500   | 6500   | 1000                 | 732974                              |

| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur sortie | C<br>Druckrohr-<br>länge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|---|--------|--------|----------------------|-------------------------------------|
| 80,0                         | 350,5  | 253,5   | 500    | 13500  | 200                  | 682802                              |
|                              |  |   | 1000   | 13500  | 250                  | 732982                              |
|                              |  |   | 1000   | 13000  | 300                  | 732990                              |
|                              |  |   | 1500   | 12500  | 350                  | 733008                              |
|                              |  |   | 2000   | 12000  | 400                  | 733016                              |
|                              |  |   | 2500   | 11000  | 500                  | 670677                              |
|                              |  |   | 3000   | 10000  | 600                  | 733024                              |
|                              |  |   | 4000   | 8000   | 800                  | 693340                              |
|                              |  |   | 3000   | 6000   | 1000                 | 733032                              |
|                              |  |   | 100,0  | 400,5  | 284,5                | 500                                 |
| 1000                         | 13000  | 250   |        |        |                      | 733040                              |
| 1000                         | 12500  | 300   |        |        |                      | 733059                              |
| 1500                         | 12000  | 350   |        |        |                      | 733067                              |
| 2000                         | 12000  | 400   |        |        |                      | 733075                              |
| 2500                         | 11000  | 500   |        |        |                      | 693359                              |
| 3000                         | 10000  | 600   |        |        |                      | 733105                              |
| 4000                         | 7500   | 800   |        |        |                      | 693367                              |
| 2500                         | 5500   | 1000  |        |        |                      | 733113                              |
| 120,0                        | 450,5  | 313,5   |        |        |                      | 500                                 |
|                              |  |   | 1000   | 13000  | 250                  | 733121                              |
|                              |  |   | 1000   | 12500  | 300                  | 733148                              |
|                              |  |   | 1500   | 12000  | 350                  | 733156                              |
|                              |  |   | 2000   | 11500  | 400                  | 733164                              |
|                              |  |   | 2500   | 10500  | 500                  | 693375                              |
|                              |  |   | 3000   | 9500   | 600                  | 733172                              |
|                              |  |   | 4000   | 7500   | 800                  | 693383                              |
|                              |  |   | 2000   | 5000   | 1000                 | 733180                              |

**FZ** = Blockierkraft in Zugrichtung (N)  
Blocking force in traction direction (N)  
Force de blocage en traction (N)

**FD** = Blockierkraft in Druckrichtung (N)  
Blocking force in compression direction (N)  
Force de blocage en compression (N)

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements 05/06



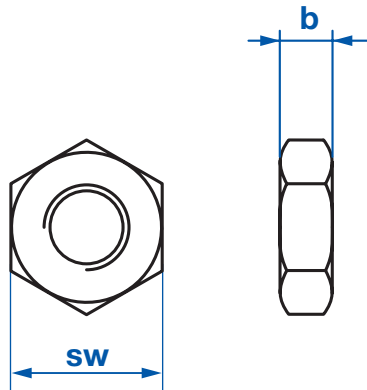
| A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | C<br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | FZ [N] | FD [N] | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|------------------------------|--|--|--------|--------|----------------------|-------------------------------------|
| 20,0                         | 191,0  | 154,5  | 2500   | 12000  | 500                  | 693189                              |
|                              |  |  | 3000   | 11000  | 600                  | 682705                              |
|                              |  |  | 4000   | 9500   | 800                  | 693197                              |
|                              |  |  | 5000   | 8000   | 1000                 | 732737                              |
|                              |  |  | 3500   | 6000   | 1200                 | 732745                              |
| 25,0                         | 205,0  | 161,5  | 2000   | 12500  | 400                  | 682713                              |
|                              |  |  | 2500   | 11500  | 500                  | 693200                              |
|                              |  |  | 3000   | 11000  | 600                  | 732753                              |
|                              |  |  | 4000   | 9500   | 800                  | 693219                              |
|                              |  |  | 4500   | 7500   | 1000                 | 732761                              |
| 30,0                         | 219,0  | 172,5  | 3000   | 5500   | 1200                 | 827851                              |
|                              |  |  | 1500   | 13000  | 350                  | 682721                              |
|                              |  |  | 2000   | 12500  | 400                  | 732788                              |
|                              |  |  | 2500   | 11500  | 500                  | 693227                              |
|                              |  |  | 3000   | 11000  | 600                  | 732796                              |
| 40,0                         | 241,0  | 184,5  | 4000   | 9000   | 800                  | 693235                              |
|                              |  |  | 4500   | 7500   | 1000                 | 732818                              |
|                              |  |  | 3000   | 6500   | 1200                 | 732826                              |
|                              |  |  | 1500   | 12500  | 350                  | 682748                              |
|                              |  |  | 2000   | 12000  | 400                  | 732834                              |
|                              |  |  | 2500   | 11500  | 500                  | 693243                              |
|                              |  |  | 3000   | 10500  | 600                  | 732842                              |
|                              |  |  | 4000   | 8500   | 800                  | 693251                              |
|                              |  |  | 4000   | 6500   | 1000                 | 732850                              |

**FZ** = Blockierkraft in Zugrichtung (N)  
 Blocking force in traction direction (N)  
 Force de blocage en traction (N)

**FD** = Blockierkraft in Druckrichtung (N)  
 Blocking force in compression direction (N)  
 Force de blocage en compression (N)

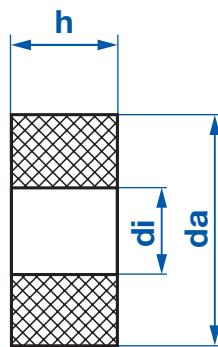
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
 05/06

Zubehör  
Accessories  
Accessoires



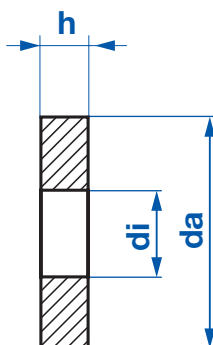
**Muttern / Screw nuts / Ecrou**

| Gewinde<br>Thread<br>Filet | <b>b</b> | <b>sw</b> | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|----------------------------|----------|-----------|-------------------------------------|
| <b>M 8x1</b>               | <b>5</b> | <b>13</b> | 012483                              |
| <b>M 10x1</b>              | <b>6</b> | <b>17</b> | 012491                              |



**Gummipuffer / Rubber bumper /  
Rondelle à caoutchouc**

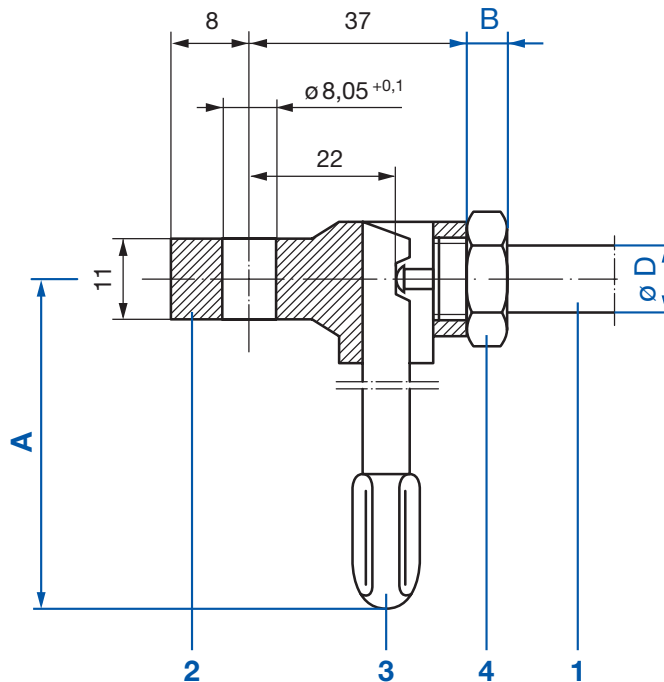
| <b>di</b><br>Innen-ø<br>Inner diameter<br>Calibre | <b>da</b> | <b>h</b> | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|---|-----------|----------|-------------------------------------|
| <b>ø 8</b>  | <b>20</b> | <b>8</b> | 269069                              |
| <b>ø 10</b>                                       | <b>20</b> | <b>4</b> | 036862                              |
|   |           | <b>8</b> | 036854                              |



**Scheibe / Washer / Rondelle**

| <b>di</b><br>Innen-ø<br>Inner diameter<br>Calibre | <b>da</b> | <b>h</b> | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|---|-----------|----------|-------------------------------------|
| <b>ø 8</b>  | <b>19</b> | <b>3</b> | 023582                              |
| <b>ø 10</b>                                       | <b>24</b> | <b>3</b> | 363979                              |

Zubehör  
Accessories  
Accessoires



| 1 | <b>ø D</b>   | <b>ø 8</b>    | <b>ø 10</b> |
|---|--|---------------|-------------|
|   | Gewinde / Thread / Filet   | M 8 x 1       | M 10 x 1    |
|   | Auslöseweg / Release way / course de déclenchement   | 1 mm          | 1 mm        |
|   | <b>B</b>   | <b>5 mm</b>   | <b>6 mm</b> |
| 2 | Auslösekopf Standard<br>Release head for standard release<br>Tête de déclenchement avec levier   | 9102GW        | 130850      |
|   | Auslösekopf für Dauerauslösung<br>Release head for permanent release<br>Tête de déclenchement avec levier pour déclenchement permanent | 0516CC        | 271985      |
| 3 | <b>A</b>   | <b>64 mm</b>  | 992259      |
|   | Auslösehebel<br>Release lever  | <b>104 mm</b> | 1041BN      |
|   |  | <b>122 mm</b> | 132543      |
|   |  | <b>167 mm</b> | 065056      |
|   |  | <b>196 mm</b> | 125466      |
| 4 | Sechskantmutter / Screw nuts / Ecou  | 012483        | 012491      |

Auslösekopf geeignet für alle BLOC-O-LIFT aus unserem Standardprogramm mit Auslöseweg 1 mm. Bitte beachten Sie die Montageanleitung für BLOC-O-LIFT Auslösekopf

**STAB-Spec. 1000 5725**

Release head suitable for all BLOC-O-LIFT from our standard programme with release way 1 mm. Please pay attention to the mounting instructions for the BLOC-O-LIFT release head

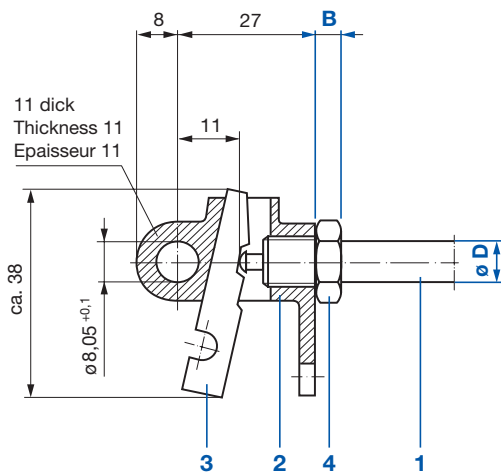
**STAB-Spec. 1000 5725**

Tête de déclenchement convenable à tous les BLOC-O-LIFT de notre programme standard avec course de déclenchement 1 mm. Faites attention aux instructions de montage des têtes de déclenchement BLOC-O-LIFT

**STAB-Spec. 1000 5725**

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

Zubehör  
Accessories  
Accessoires

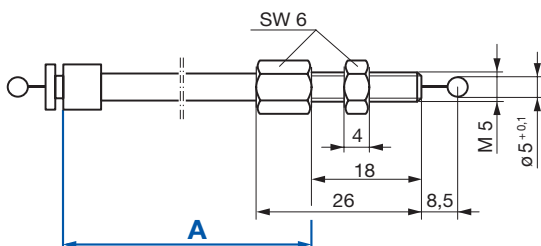


|   |  |             |             |
|---|--|-------------|-------------|
| 1 | <b>ø D</b>   | <b>ø 8</b>  | <b>ø 10</b> |
|   | Gewinde / Thread / Filet                                 | M 8 x 1     | M 10 x 1    |
|   | <b>B</b>   | <b>5 mm</b> | <b>6 mm</b> |
| 2 | Auslösekopf<br>Release head<br>Tête de déclenchement     | 983918      | 784575      |
| 3 | Auslösehebel<br>Release lever<br>Levier de déclenchement | 783234      |             |
| 4 | Sechskantmutter / Screw nuts / Ecrou                     | 012483      | 012491      |

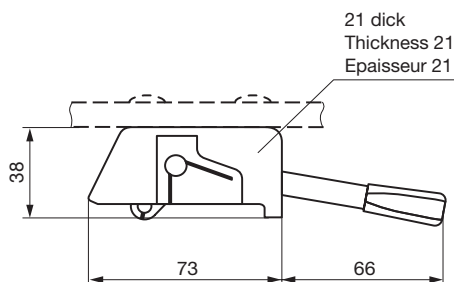
Auslösekopf geeignet für alle BLOC-O-LIFT aus unserem Standardprogramm. Bitte beachten Sie die Montageanleitung für BLOC-O-LIFT Auslösekopf  
**STAB-Spec. 1000 6476 und STAB-Spec. 1000 5635**

Release head suitable for all BLOC-O-LIFT from our standard programme. Please pay attention to the mounting instructions for the BLOC-O-LIFT release head  
**STAB-Spec. 1000 6476 and STAB-Spec. 1000 5635**

Tête de déclenchement convenable à tous les BLOC-O-LIFT de notre programme standard. Faites attention aux instructions de montage des têtes de déclenchement BLOC-O-LIFT  
**STAB-Spec. 1000 6476 et STAB-Spec. 1000 5635**



| <b>A</b> | <b>Bowdenzuglänge</b><br>Length of bowden-wire<br>Longueur du câble bowden | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|----------|--|-------------------------------------|
|          | 200  | 0345BH                              |
|          | 300  | 878189                              |
|          | 400  | 7605AV                              |
|          | 500  | 0346BC                              |
|          | 600  | 0347BY                              |
|          | 700  | 5240AD                              |
|          | 800  | 0304BJ                              |
|          | 900  | 0298BX                              |
|          | 1000   | 0305BE                              |



|  | <b>Auslöseeinheit</b><br>Release unit<br>Mécanisme de déclenchement | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|--|---|-------------------------------------|
|  |   | 1044BZ                              |











Für eine Auslöseeinheit mit einem Bowdenzug länger als 400 mm ist ein BLOC-O-LIFT mit Auslöseweg 1 mm erforderlich.  
For a release unit with a bowden-wire longer than 400 mm a BLOC-O-LIFT with release way 1 mm is necessary.  
Pour un mécanisme de déclenchement avec un câble bowden plus long que 400 mm un BLOC-O-LIFT avec course de déclenchement 1 mm est nécessaire.

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements 05/06

**Notizen / Notes / Notes**

A large grid area for taking notes, consisting of many small squares. The grid is approximately 30 columns wide and 50 rows high, providing a structured space for writing or drawing.

# INDEX

| STAB-O-MAT               | STAB-O-BLOC              |  |  |  |  |  |  |  |  |  |  | Seite<br>Page<br>Page |
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|                          |                          |   |   |   |   |   |   |   |   |   |   |                       |
| <input type="checkbox"/> |                          | <input type="checkbox"/>  |   |   |   |   |   |   |   |   |   | 54                    |
| <input type="checkbox"/> |                          |   | <input type="checkbox"/>  |   |   |   |   |   |   |   |   | 55                    |
|                          | <input type="checkbox"/> | <input type="checkbox"/>  |   |   |   |   |   |   |   |   |   | 56                    |
|                          | <input type="checkbox"/> |   | <input type="checkbox"/>  |   |   |   |   |   |   |   |   | 57                    |
| <input type="checkbox"/> |                          |   |   |   |   | <input type="checkbox"/>  |   |   |   |   |   | 58                    |
| <input type="checkbox"/> |                          | <input type="checkbox"/>  |   |   |   |   | <input type="checkbox"/>  |   |   |   |   | 59                    |
| <input type="checkbox"/> |                          |   | <input type="checkbox"/>  |   |   |   | <input type="checkbox"/>  |   |   |   |   | 60                    |
| <input type="checkbox"/> |                          |   |   |   | <input type="checkbox"/>  |   |   |   |   |   |   | 61                    |
|                          | <input type="checkbox"/> |   |   | <input type="checkbox"/>  |   |   |   |   |   |   |   | 62                    |
| <input type="checkbox"/> |                          |   | <input type="checkbox"/>  |   |   |   |   | <input type="checkbox"/>  |   |   |   | 63                    |
| <input type="checkbox"/> |                          |   | <input type="checkbox"/>  |   |   |   |   |   | <input type="checkbox"/>  |   |   | 64                    |
|                          | <input type="checkbox"/> |   | <input type="checkbox"/>  |   |   |   |   |   |   | <input type="checkbox"/>  |   | 65                    |
|                          | <input type="checkbox"/> |   | <input type="checkbox"/>  |   |   |   |   |   |   |   | <input type="checkbox"/>  | 66                    |

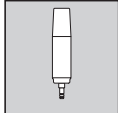
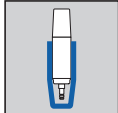
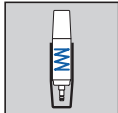

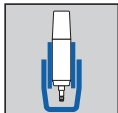
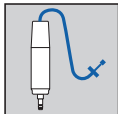
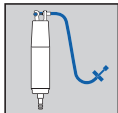
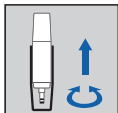
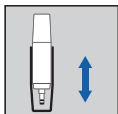
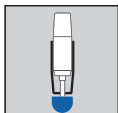
Zubehör 67

Accessories Page 67

Accessories Page 67

# STAB-O-MAT® STAB-O-BLOC®

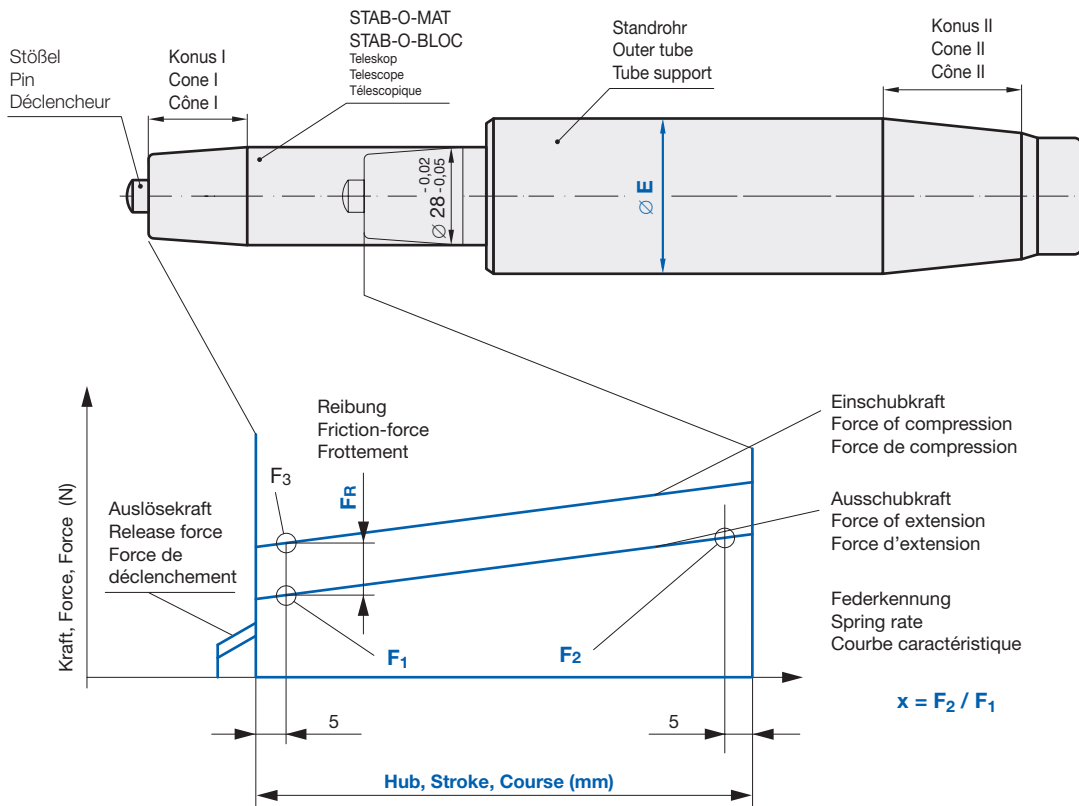
Stufenlose Höhenverstellung von Drehstühlen  
Stepless height adjustment of swivel chairs  
Réglage progressif en hauteur des chaises pivotantes

|  |   |
|--|---|
| Ohne Standrohr<br>Without outer-tube<br>Sans fût   |    |
| Säule<br>Column<br>Colonne   |    |
| Komfortable Einfederung<br>Comfortable spring deflection<br>Suspension grand confort                   |    |
| Mechanische Tiefenfederung<br>Mechanical depth cushioning<br>Amortissement mécanique en position basse |    |
| Teleskop-Standrohr<br>Telescope stand tube<br>Colonne à fût télescopique                               |    |
| Axiale Bowdenzugauslösung<br>Axial Cable Release<br>Déclenchement axiale câble bowden                  |   |
| Radiale Bowdenzugauslösung<br>Radial cable release<br>Déclenchement latérale par câble bowden          |  |
| Multifunktionssäule<br>Multi-Function Column<br>Colonne multi-fonction                                 |  |
| Verdrehsichere Säule<br>Swivel Resistant Column<br>Colonne bloquée en rotation                         |  |
| Zusätzliche Stoppfunktion<br>Additional Stop-Function<br>Fonction de stop supplémentaire               |  |

**Notizen / Notes / Notes**

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

Technische Informationen  
Technical information  
Information technique



| Ø E<br>(mm) | Ausschubkraft<br>Force of extension<br>Force d'extension<br>F <sub>1</sub> (N)<br>min. max. | X<br>(≈) | F <sub>R</sub> max.<br>(N) | Auslösekraft<br>Release force<br>Force de déclenchement |
|-------------|---|----------|----------------------------|---|
| 40          | 200-500   | 1,2      | 100                        | ca. 30 % F <sub>1</sub>                                 |
| 45          | 200-500   | 1,2      | 100                        | ca. 30% F <sub>1</sub>                                  |
| 50          | 200-500   | 1,2      | 100                        | ca. 30% F <sub>1</sub>                                  |

Einbauvorschrift  
Installation instruction  
Instruction de montage **STAB-Spec. 1000 5593**

Ventilauslösekraft nach  
Release force of calve according  
Force d'ouverture de la soupape selon **STAB-Spec. 1000 5233**

Statische Messung der Kräfte  
Statically measured forces  
Forces mesurées statiquement **STAB-Spec. 1000 9033**

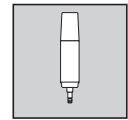
Konus-Festigkeitsgruppe DIN 4550-2  
Cone-Range of strengthness  
Cône-Plage de résistance **STAB-Spec. 1000 5493**

Entsorgungsvorschrift  
Disposal instruction  
Instruction de neutralisation **STAB-Spec. 1000 9375**  
[www.stabilus.com/recycling](http://www.stabilus.com/recycling)

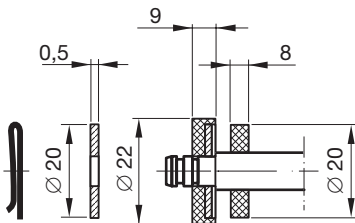
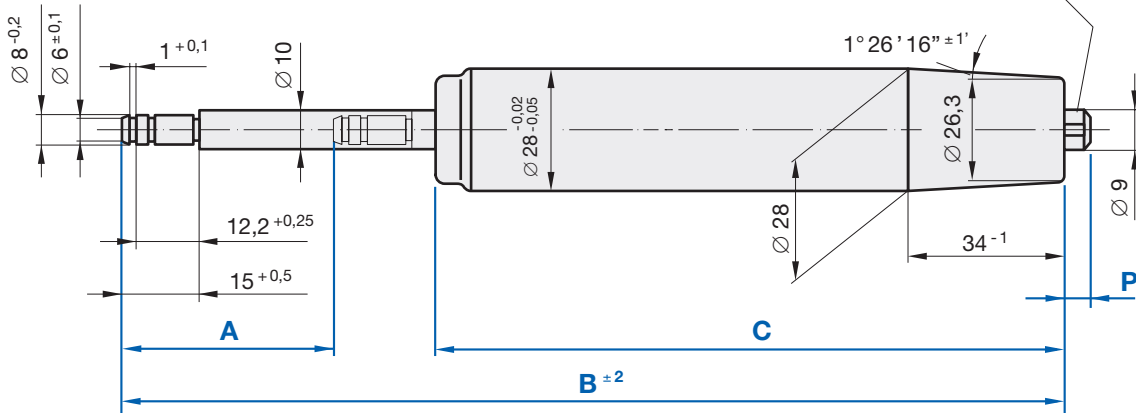
| Auslöseweg<br>Release way<br>Course de déclenchement |             |
|--|-------------|
| <b>STAB-O-MAT®</b>                                   | min. 2,5 mm |
| <b>STAB-O-BLOC®</b>                                  | min. 1,7 mm |

**STAB-O-MAT®**  
Selbsttragende Gasfeder  
Self-supporting gas spring  
Ressort à gaz auto-portant

**STAB-O-BLOC®**  
Nicht selbsttragende Gasfeder  
Non-self supporting gas spring  
Ressort à gaz non auto-portant



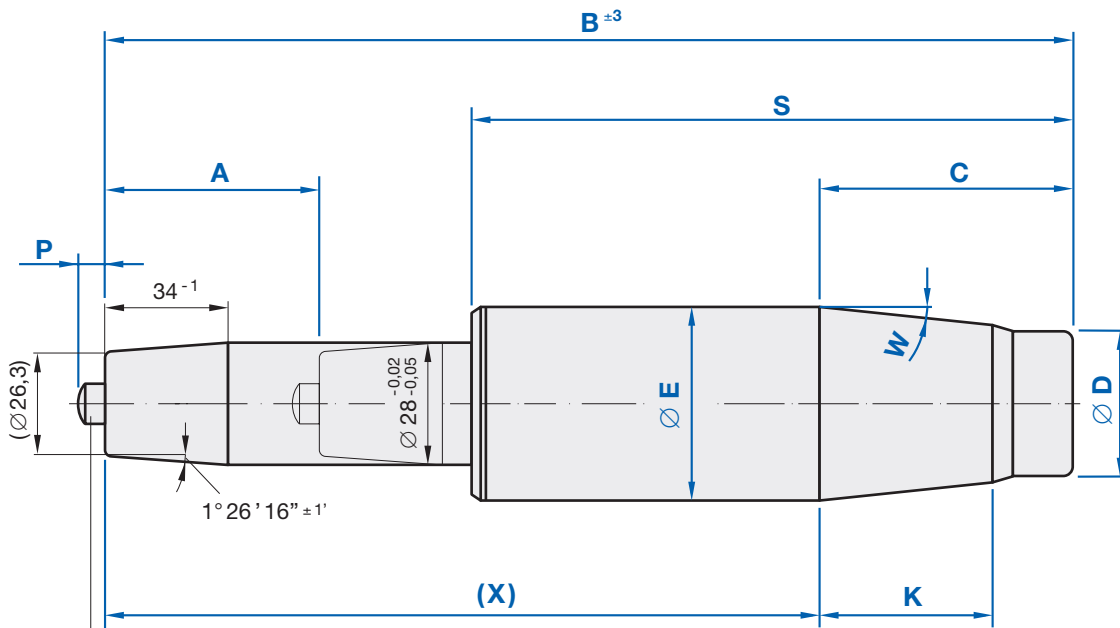
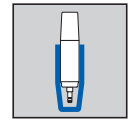
Stößel mit Bohrung für Einstellschraube  
Release pin suitable for use adjustable screw  
Bouton de réglage avec perçage pour vis réglage



|   |                                     |
|---|-------------------------------------|
| Axiallager<br>Axial bearing set<br>Butée à billes | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
| 7052LW  |                                     |

| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgesch. Länge<br>Extended length<br>Longueur sortie | <b>C</b><br>Druckrohrlänge<br>Length of<br>pressure tube<br>Longueur du tube<br>de pression | <b>P</b><br>Stößelüberstand<br>Release pin<br>projection<br>Dépassement<br>du poussoir | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|---|--|----------------------|-------------------------------------|
| 75,5                                | 304,5   | 207   | 6,5  | 300                  | 7874CH                              |
|                                     |   |   |  | 400                  | 936413                              |
| 90,5                                | 337,5   | 225   | 6,5  | 400                  | 8056GO                              |
| 99,5                                | 354,5   | 233   | 6,5  | 300                  | 335916                              |
|                                     |   |   |  | 400                  | 311677                              |
| 111,5                               | 364,5   | 231   | 6,5  | 300                  | 603953                              |
|                                     |   |   |  | 400                  | 9063CE                              |
| 120,5                               | 396,5   | 254   | 6,5  | 300                  | 311707                              |
|                                     |   |   |  | 400                  | 541222                              |
| 135,5                               | 412,5   | 255   | 6,5  | 300                  | 604003                              |
|                                     |   |   |  | 400                  | 0951FR                              |
| 135,5                               | 439,5   | 282   | 6,5  | 300                  | 936367                              |
| 141,5                               | 439,5   | 276   | 6,5  | 300                  | 311731                              |
| 159,5                               | 480,5   | 299   | 6,5  | 300                  | 311774                              |
| 201,5                               | 562,5   | 339   | 6,5  | 300                  | 604054                              |
| 264,5                               | 694,5   | 408   | 6,5  | 300                  | 604100                              |

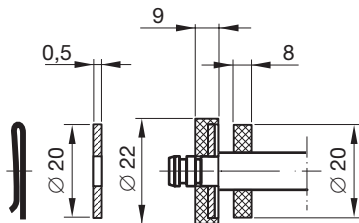
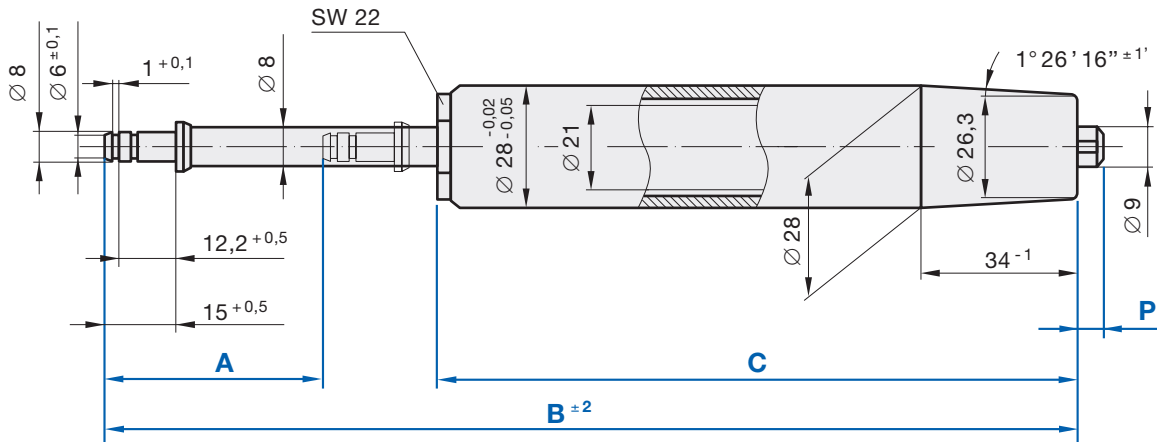
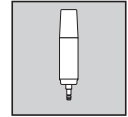
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



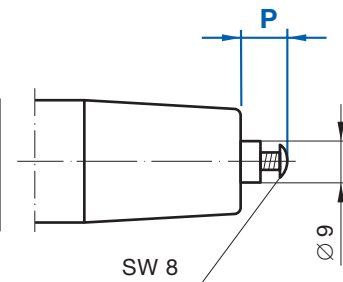
Stößel mit Bohrung für Einstellschraube  
Release pin suitable for use adjustable screw  
Bouton de réglage avec perçage pour vis réglage

| ø E<br>Standrohr-<br>durchmesser<br>Outer tube<br>diameter<br>Diamètre<br>de colonne | A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur<br>sortie | X<br>Fußkreuz-<br>maß<br>Dimension of<br>chair base<br>Dimensionne-<br>ment piétement | C  | ø D  | S<br>Standrohr-<br>länge<br>Length of<br>support tube<br>Longueur du<br>tube de guidage | K<br>Konus II<br>Länge<br>Cone II<br>length<br>Cône II<br>longueur | W<br>Konus II<br>Winkel<br>Cone II<br>angle<br>Cône II<br>angle | P<br>Stößel-<br>überstand<br>Release pin<br>projection<br>Dépassement<br>du poussoir | F1 - [N] | Bestell-Nr. / Ref.-No. / Réf.-No.<br>Standrohrfarbe<br>Colour of support tube<br>Couleur du tube de guidage |  |
|--|------------------------------|---|---|----|------|---|--|---|--|----------|---|--|
|  |                              |   |   |    |      |   |  |   |  |          | schwarz lackiert<br>black paint finish<br>laqué noir  | matt verchromt<br>dull chromed<br>chromé mat |
| 40   | 90,5                         | 324,0   | 262,0   | 62 | 34,0 | 193,0   | 55   | 1°30'26"  | 6,5  | 400      | 604321  | 604518                                       |
|  | 111,5                        | 366,0   | 304,0   | 62 | 34,0 | 214,0   | 55   | 1°30'26"  | 6,5  | 300      | 604372  | 604550                                       |
|  | 135,5                        | 414,0   | 352,0   | 62 | 34,0 | 238,0   | 55   | 1°30'26"  | 6,5  | 300      | 604410  | 604593                                       |
|  | 201,5                        | 564,0   | 502,0   | 62 | 34,0 | 322,0   | 55   | 1°30'26"  | 6,5  | 300      | 604453  | 604631                                       |
|  | 264,5                        | 696,0   | 634,0   | 62 | 34,0 | 391,0   | 55   | 1°30'26"  | 6,5  | 300      | 605611  | 604682                                       |
| 45   | 90,5                         | 320,5   | 233,5   | 87 | 38,5 | 190,0   | 65   | 1°30'26"  | 6,5  | 400      | 605662  | 604720                                       |
|  | 111,5                        | 362,5   | 275,5   | 87 | 38,5 | 211,0   | 65   | 1°30'26"  | 6,5  | 300      | 605700  | 604763                                       |
|  | 135,5                        | 410,5   | 323,5   | 87 | 38,5 | 235,0   | 65   | 1°30'26"  | 6,5  | 300      | 605743  | 604828                                       |
|  | 201,5                        | 560,5   | 473,5   | 87 | 38,5 | 319,0   | 65   | 1°30'26"  | 6,5  | 300      | 605794  | 604860                                       |
|  | 264,5                        | 692,5   | 605,5   | 87 | 38,5 | 388,0   | 65   | 1°30'26"  | 6,5  | 300      | 605832  | 604909                                       |
| 50   | 75,5                         | 307,0   | 213,0   | 94 | 44,5 | 179,5   | 55   | 1°26'16"  | 6,5  | 400      | 7574GM  |  |
|  | 75,5                         | 306,0   | 234,0   | 72 | 44,5 | 182,5   | 55   | 1°26'16"  | 6,5  | 400      | 3532FB  |  |
|  | 90,5                         | 324,0   | 257,0   | 67 | 44,5 | 193,5   | 55   | 1°26'16"  | 6,5  | 400      | 605875  | 604941                                       |
|  | 90,5                         | 347,0   | 276,0   | 71 | 44,5 | 199,5   | 55   | 1°26'16"  | 6,5  | 400      | 8575EH  |  |
|  | 111,5                        | 366,0   | 299,0   | 67 | 44,5 | 214,5   | 55   | 1°26'16"  | 6,5  | 300      | 605913  | 604992                                       |
|  | 120,5                        | 399,0   | 301,0   | 98 | 44,5 | 225,5   | 55   | 1°26'16"  | 6,5  | 300      | 9786HQ  |  |
|  | 135,5                        | 416,0   | 323,0   | 93 | 44,5 | 239,5   | 45   | 1°26'16"  | 6,5  | 300      | 0989ER  |  |
|  | 120,5                        | 399,0   | 328,0   | 71 | 44,5 | 223,5   | 55   | 1°26'16"  | 6,5  | 300      | 4426FN  |  |
|  | 124,5                        | 442,0   | 347,0   | 95 | 44,5 | 258,5   | 78   | 1°26'16"  | 6,5  | 300      | 9764EX  |  |
|  | 135,5                        | 414,0   | 347,0   | 67 | 44,5 | 238,5   | 55   | 1°26'16"  | 6,5  | 300      | 605964  | 605042                                       |
|  | 129,5                        | 421,0   | 350,0   | 71 | 44,5 | 234,5   | 55   | 1°26'16"  | 6,5  | 300      | 8464EZ  |  |
|  | 135,5                        | 441,0   | 373,0   | 68 | 44,5 | 238,5   | 55   | 1°26'16"  | 6,5  | 300      | 8595HK  |  |
|  | 201,5                        | 564,0   | 496,0   | 68 | 44,5 | 322,5   | 55   | 1°26'16"  | 6,5  | 300      | 606006  | 605085                                       |
|  | 264,5                        | 696,0   | 628,0   | 68 | 44,5 | 391,5   | 55   | 1°26'16"  | 6,5  | 300      | 606049  | 605123                                       |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements 05/06

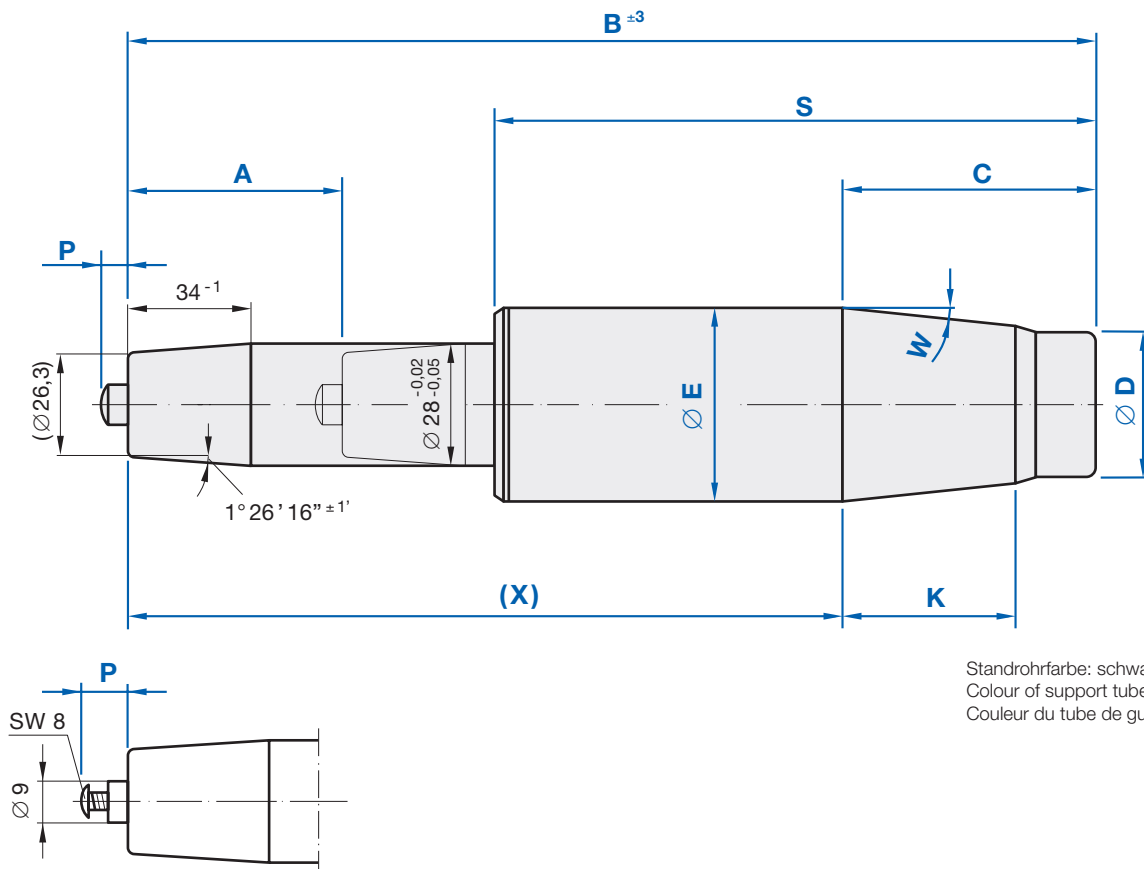
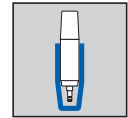


|   |                                     |
|---|-------------------------------------|
| Axiallager<br>Axial bearing set<br>Butée à billes | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
| 7052LW  |                                     |



| A      | B                      | C                               | P                          | Stößel<br>einstellbar     | Axiallager<br>montiert         | Gasfeder<br>auswechselbar    | F <sub>1</sub> - [N] | Bestell-Nr. |
|--------|------------------------|---------------------------------|----------------------------|---------------------------|--------------------------------|------------------------------|----------------------|-------------|
| Hub    | Ausgeschobene<br>Länge | Druckrohr-<br>länge             | Stößel-<br>überstand       | Release pin<br>adjustable | Axial bearing<br>set assembled | Gas spring<br>replaceable    |                      | Ref.-No.    |
| Stroke | Extended<br>length     | Length of<br>pressure tube      | Release pin<br>projection  | Poussoir<br>réglable      | Butée à billes<br>montée       | Ressort à gaz<br>échangeable |                      | Ref.-No.    |
| Course | Longueur<br>sortie     | Longueur du<br>tube de pression | Dépassement<br>du poussoir |                           |                                |                              |                      |             |
| 91,5   | 324,0                  | 209,5                           | 6,0                        | -                         | -                              | ✓                            | 400                  | 0607BA      |
| 103,5  | 352,0                  | 225,5                           | 6,0                        | -                         | -                              | ✓                            | 400                  | 735442      |
| 121,5  | 374,0                  | 239,5                           | 7,0                        | -                         | -                              | ✓                            | 300                  | 1425AF      |
| 121,5  | 394,0                  | 249,5                           | 6,0                        | -                         | -                              | ✓                            | 300                  | 740969      |
| 127,5  | 422,0                  | 271,5                           | 6,0                        | -                         | -                              | ✓                            | 310                  | 711799      |
| 139,5  | 441,5                  | 278,5                           | 6,5                        | ✓                         | ✓                              | ✓                            | 310                  | 701254      |
| 202,5  | 564,0                  | 338,5                           | 6,0                        | -                         | -                              | ✓                            | 300                  | 0718BJ      |
| 265,5  | 696,0                  | 407,5                           | 6,0                        | -                         | -                              | ✓                            | 300                  | 0728BD      |
| 271,5  | 708,5                  | 413,5                           | 6,5                        | ✓                         | ✓                              | ✓                            | 310                  | 701084      |
| 100,0  | 354,0                  | 224,0                           | 6,0                        | -                         | -                              | -                            | 400                  | 7189DV      |
| 118,0  | 382,0                  | 249,0                           | 6,0                        | ✓                         | -                              | -                            | 300                  | 6759CJ      |
| 122,0  | 394,0                  | 255,0                           | 6,0                        | -                         | ✓                              | -                            | 300                  | 2067DJ      |

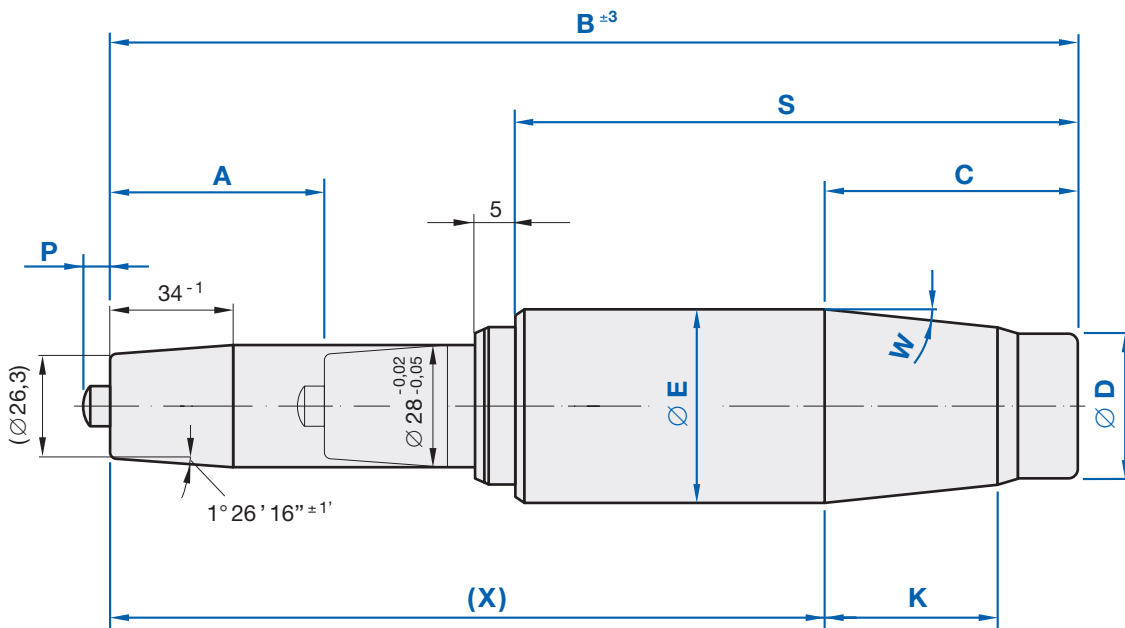
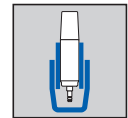
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



Standrohrfarbe: schwarz lackiert  
Colour of support tube: black paint finish  
Couleur du tube de guidage: laqué noir

| Ø E                       | A      | B                  | X                              | C   | Ø D   | S                              | K                   | W                  | P                          | Stößel<br>einstellbar | Gasfeder<br>auswechselbar    | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|---------------------------|--------|--------------------|--------------------------------|-----|-------|--------------------------------|---------------------|--------------------|----------------------------|-----------------------|------------------------------|----------------------|-------------------------------------|
| Standrohr-<br>durchmesser | Hub    | Ausgesch.<br>Länge | Fußkreuz-<br>maß               |     |       | Standrohr-<br>länge            | Konus II<br>Länge   | Konus II<br>Winkel | Stößel<br>Überstand        | Stößel<br>einstellbar | Gasfeder<br>auswechselbar    |                      |                                     |
| Outer tube<br>diameter    | Stroke | Extended<br>length | Dimension of<br>chair base     |     |       | Length of<br>support tube      | Cone II<br>length   | Cone II<br>angle   | Release pin<br>projection  | Screw<br>adjustable   | Gas spring<br>replaceable    |                      |                                     |
| Diametre<br>de colonne    | Course | Longueur<br>sortie | Dimensionne-<br>ment piétement |     |       | Longueur du<br>tube de guidage | Cône II<br>longueur | Cône II<br>angle   | Dépassement<br>du poussoir | Poussoir<br>réglable  | Ressort à gaz<br>échangeable |                      |                                     |
| 50                        | 89,5   | 326,5              | 255,5                          | 71  | 44,50 | 192,5                          | 55                  | 1°26'16"           | 6,00                       | -                     | ✓                            | 400                  | 9011DN                              |
|                           | 88,5   | 353,0              | 260,0                          | 93  | 40,50 | 175,5                          | 60                  | 1°26'16"           | 6,00                       | -                     | ✓                            | 350                  | 700401                              |
|                           | 134,0  | 414,0              | 329,0                          | 85  | 46,75 | 225,5                          | 65                  | 1°26'16"           | 7,00                       | -                     | -                            | 300                  | 3334CR                              |
| 50                        | 103,0  | 334,5              | 240,5                          | 94  | 44,50 | 188,5                          | 55                  | 1°26'16"           | 7,00                       | -                     | -                            | 450                  | 3037BA                              |
|                           | 121,0  | 404,5              | 276,5                          | 128 | 44,50 | 215,5                          | 55                  | 1°26'16"           | 7,00                       | -                     | -                            | 300                  | 4571CN                              |
|                           | 121,0  | 414,5              | 288,5                          | 126 | 44,50 | 232,5                          | 45                  | 1°26'16"           | 7,00                       | -                     | -                            | 300                  | 4541CE                              |
|                           | 130,0  | 404,0              | 312,0                          | 92  | 45,50 | 223,5                          | 90                  | 1°26'16"           | 5,50                       | ✓                     | -                            | 300                  | 1901FM                              |
|                           | 109,5  | 386,5              | 321,5                          | 65  | 44,50 | 218,5                          | 45                  | 1°26'16"           | 6,00                       | ✓                     | ✓                            | 300                  | 969303                              |
|                           | 127,0  | 440,5              | 332,5                          | 108 | 44,50 | 238,5                          | 45                  | 1°26'16"           | 6,00                       | -                     | -                            | 300                  | 5895DC                              |
|                           | 125,0  | 417,5              | 354,5                          | 63  | 44,50 | 229,5                          | 45                  | 1°26'16"           | 6,00                       | -                     | -                            | 300                  | 930466                              |
|                           | 152,0  | 494,5              | 409,5                          | 85  | 44,50 | 276,5                          | 45                  | 1°26'16"           | 7,00                       | -                     | -                            | 300                  | 2712CT                              |

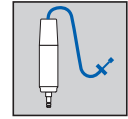
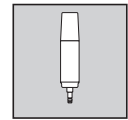
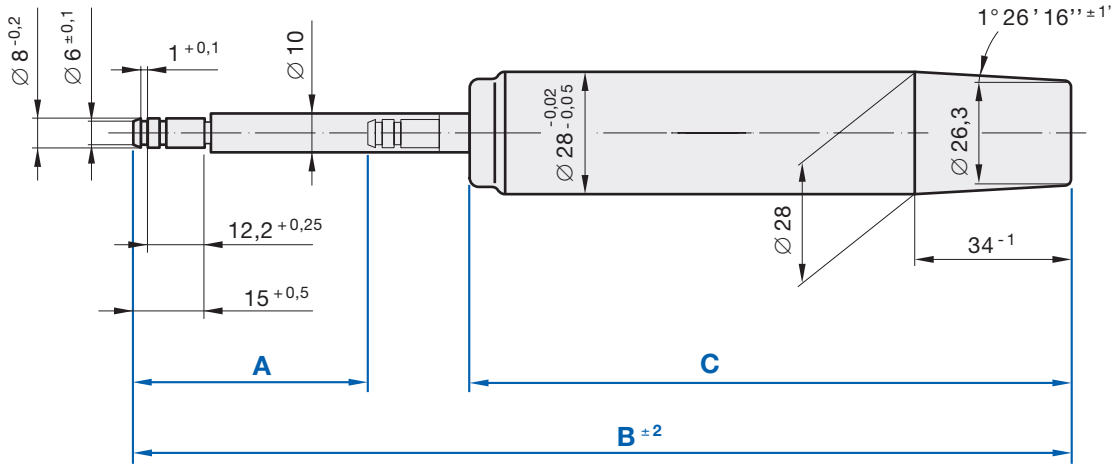
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



Standrohrfarbe: schwarz lackiert  
Colour of support tube: black paint finish  
Couleur du tube de guidage: laqué noir

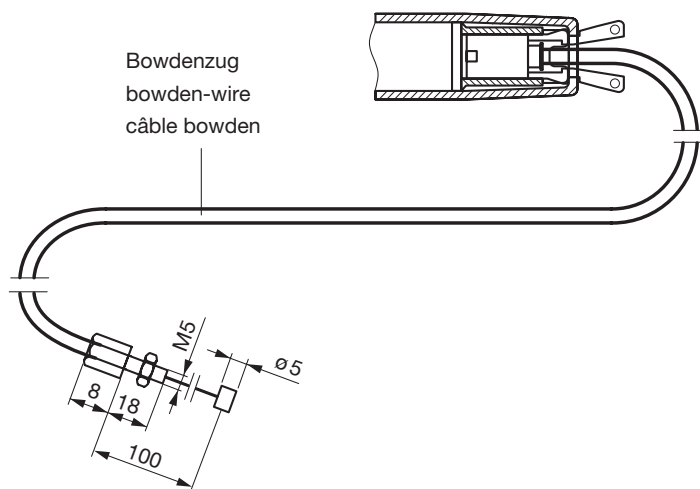
| ∅ E<br>Standrohr-<br>durchmesser<br>Outer tube<br>diameter<br>Diametre<br>de colonne | A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur<br>sortie | X<br>Fußkreuz-<br>maß<br>Dimension of<br>chair base<br>Dimensionne-<br>ment piétement | C    | ∅ D   | S<br>Standrohr-<br>länge<br>Length of<br>support tube<br>Longueur du<br>tube de guidage | K<br>Konus II<br>Länge<br>Cone II<br>length<br>Cône II<br>longueur | W<br>Konus II<br>Winkel<br>Cone II<br>angle<br>Cône II<br>angle | P<br>Stößel-<br>überstand<br>Release pin<br>projection<br>Dépassement<br>du poussoir | F1 - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|--|------------------------------|---|---|------|-------|---|--|---|--|----------|-------------------------------------|
| 50   | 125,5                        | 378,5   | 289,5   | 92,0 | 46,75 | 202,5   | 65   | 1°26'16"  | 6,5  | 300      | 7002CH                              |
|  | 159,5                        | 444,5   | 352,5   | 92,0 | 44,5  | 204,5   | 78   | 1°26'16"  | 7,5  | 400      | 1365GV                              |
|  | 204,5                        | 535,5   | 443,5   | 92,0 | 44,5  | 249,5   | 78   | 1°26'16"  | 7,5  | 300      | 853593                              |
| 50,8   | 204,5                        | 539,5   | 450,0   | 89,5 | 45,5  | 249,5   | 67   | 1°26'16"  | 6,5  | 300      | 5673DL                              |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

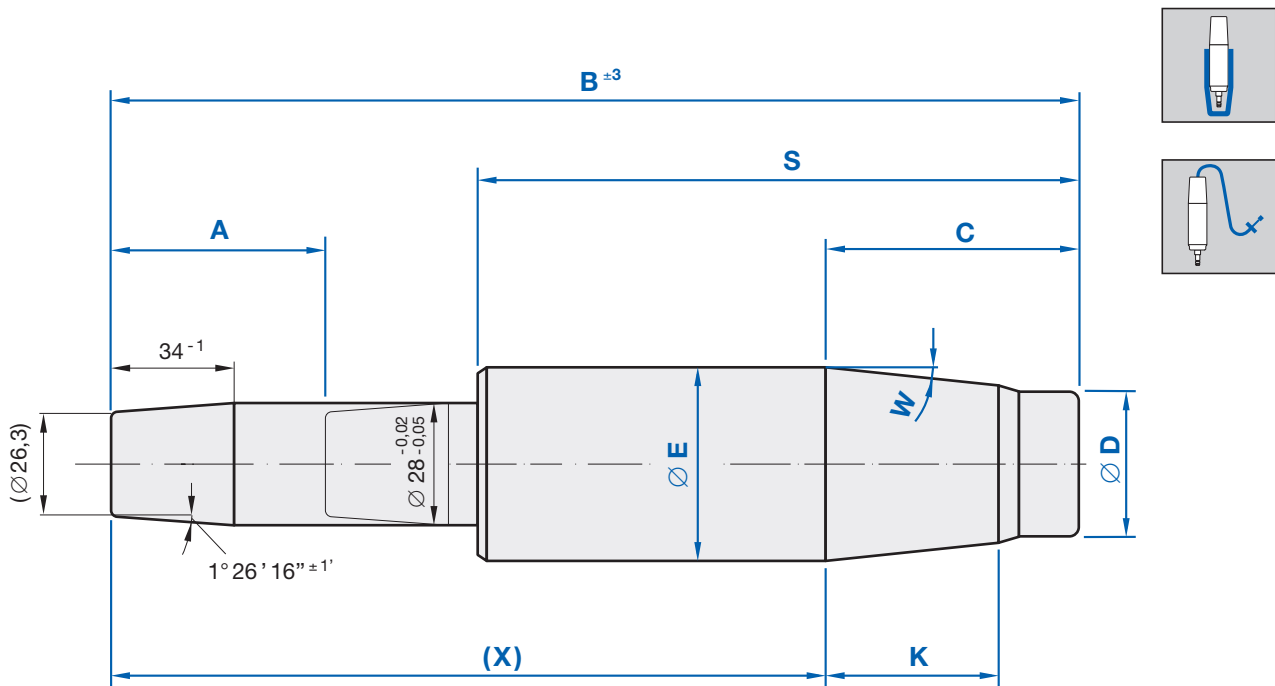


| <b>A</b><br>Hub<br>Stroke<br>Course | <b>B</b><br>Ausgeschobene Länge<br>Extended length<br>Longueur sortie | <b>C</b><br>Druckrohrlänge<br>Length of pressure tube<br>Longueur du tube de pression | F1 - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|-------------------------------------|---|---|----------|-------------------------------------|
| <b>87,5</b>                         | 384,5   | 242   | 300      | 7478FD                              |
| <b>135,5</b>                        | 439,5   | 282   | 300      | 8585DF                              |

| Bowdenzuglänge<br>Length of bowden-wire<br>Longueur du câble bowden | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|---|-------------------------------------|
| <b>300</b>  | 961698                              |
| <b>400</b>  | 9718CO                              |
| <b>500</b>  | 3603CT                              |
| <b>700</b>  | 9721CQ                              |



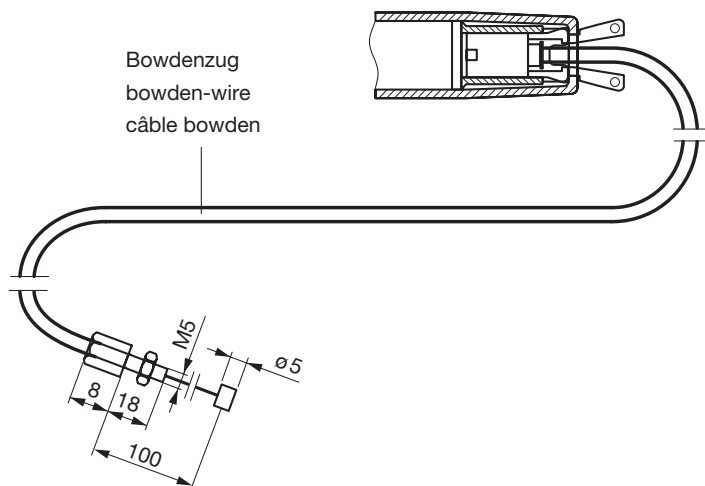
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



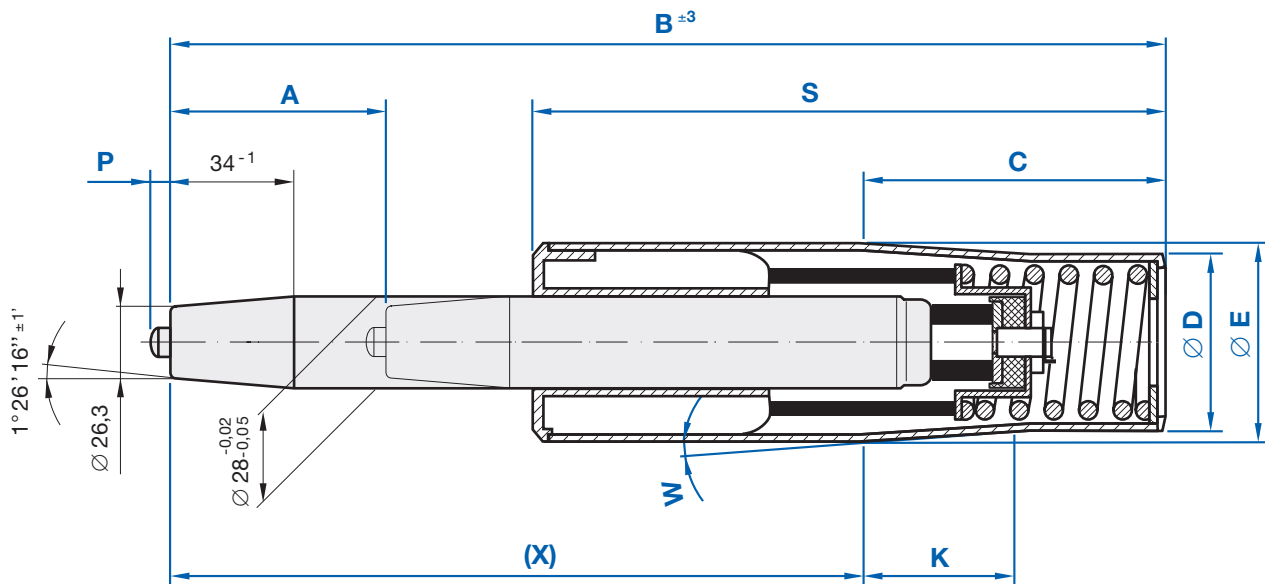
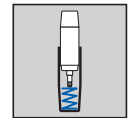
Standrohrfarbe: schwarz lackiert  
Colour of support tube: black paint finish  
Couleur du tube de guidage: laqué noir

| ø E<br>Standrohr-<br>durchmesser<br>Outer tube<br>diameter<br>Diametre<br>de colonne | A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur<br>sortie | X<br>Fußkreuz-<br>maß<br>Dimension of<br>chair base<br>Dimensionnement<br>piètement | C   | ø D  | S<br>Standrohr-<br>länge<br>Length of<br>support tube<br>Longueur du<br>tube de guidage | K<br>Konus II<br>Länge<br>Cone II<br>length<br>Cône II<br>longueur | W<br>Konus II<br>Winkel<br>Cone II<br>angle<br>Cône II<br>angle | F <sub>1</sub> - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|--|------------------------------|---|---|-----|------|---|--|---|----------------------|-------------------------------------|
| 50   | 87,5                         | 386   | 303   | 83  | 44,5 | 224,5   | 55   | 1°26'16"  | 300                  | 0588DA                              |
|  | 119,5                        | 433   | 324   | 109 | 44,5 | 236,5   | 55   | 1°26'16"  | 300                  | 8822DI                              |

| Bowdenzug-<br>länge<br>Length of<br>bowden-wire<br>Longueur du<br>câble bowden | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|--|-------------------------------------|
| 300  | 961698                              |
| 400  | 9718CO                              |
| 500  | 3603CT                              |
| 700  | 9721CQ                              |



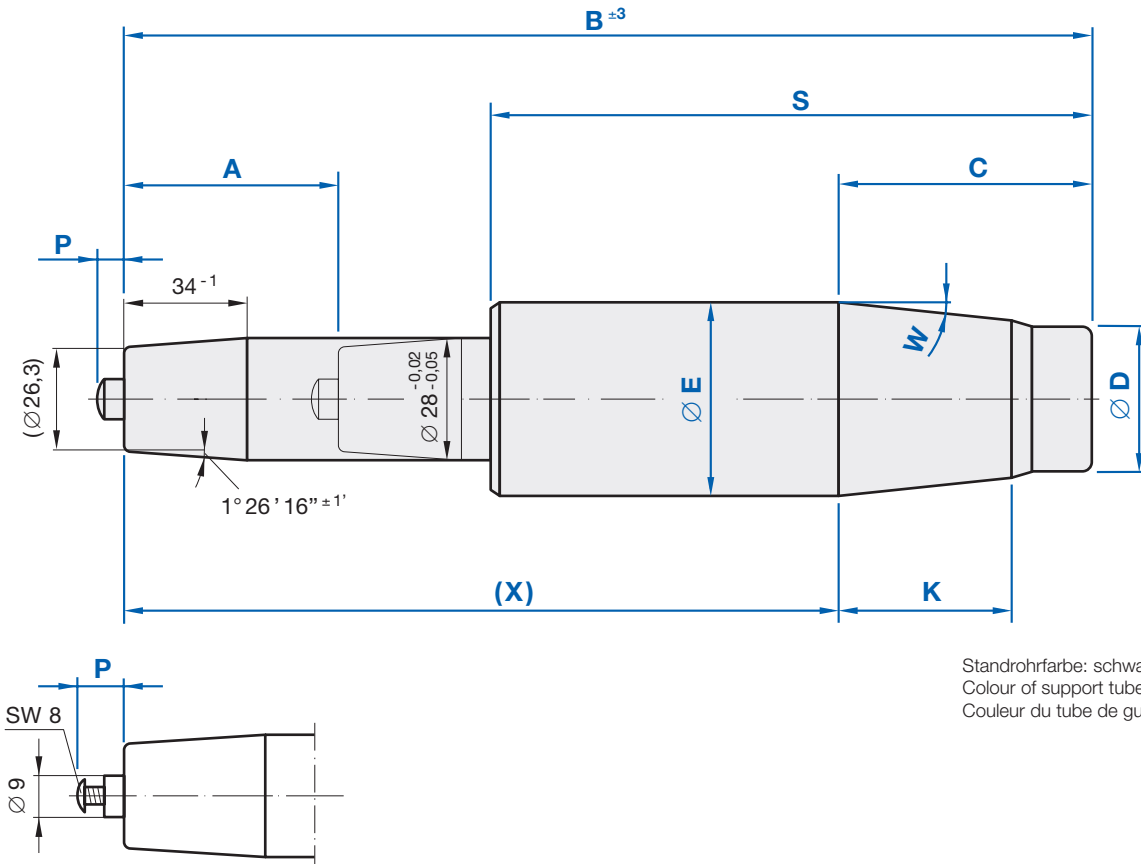
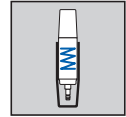
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



Standrohrfarbe: schwarz lackiert  
Colour of support tube: black paint finish  
Couleur du tube de guidage: laqué noir

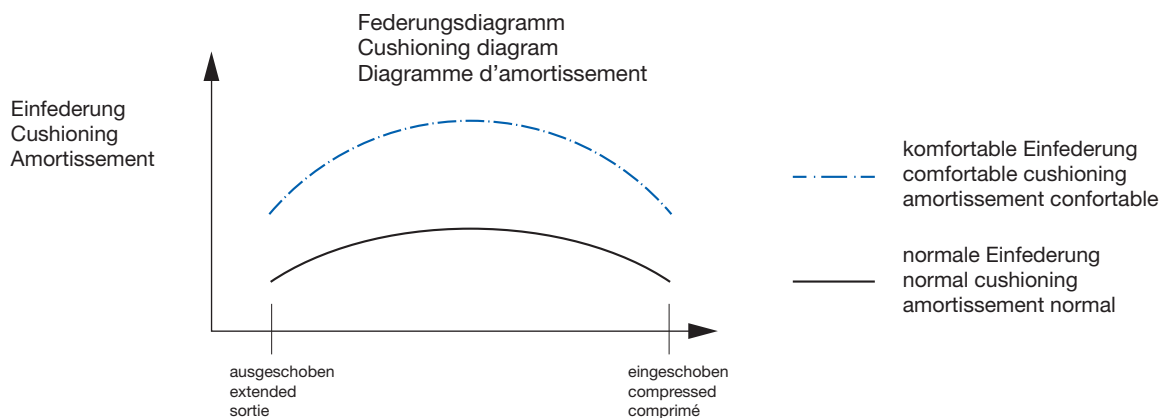
| Ø E<br>Standrohr-<br>durchmesser<br>Outer tube<br>diameter<br>Diamètre<br>de colonne | A<br>Hub<br>Stroke<br>Course | B<br>Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur<br>sortie | X<br>Fußkreuz-<br>maß<br>Dimension of<br>chair base<br>Dimensionne-<br>ment piétement | C    | Ø D  | S<br>Standrohr-<br>länge<br>Length of<br>support tube<br>Longueur du<br>tube de guidage | K<br>Konus II<br>Länge<br>Cone II<br>length<br>Cône II<br>longueur | W<br>Konus II<br>Winkel<br>Cone II<br>angle<br>Cône II<br>angle | P<br>Stößel-<br>überstand<br>Release pin<br>projection<br>Dépassement<br>du poussoir | F1 - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|--|------------------------------|---|---|------|------|---|--|---|--|----------|-------------------------------------|
| <b>50</b>  | 81,5                         | 328,5   | 257   | 71,5 | 46,4 | 175   | 71,5   | 1°26'16"  | 6,5  | 400      | 0915AR                              |
|  | 96,5                         | 356,5   | 285   | 71,5 | 46,4 | 178   | 71,5   | 1°26'16"  | 6,5  | 350      | 9207CG                              |
|  | 111,5                        | 401,5   | 330   | 71,5 | 46,4 | 192   | 71,5   | 1°26'16"  | 6,5  | 350      | 9213CU                              |
|  | 126,5                        | 436,5   | 365   | 71,5 | 46,4 | 234   | 71,5   | 1°26'16"  | 6,5  | 300      | 971510                              |
|  | 135,5                        | 435,5   | 364   | 71,5 | 46,4 | 219   | 71,5   | 1°26'16"  | 6,5  | 350      | 9218CW                              |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



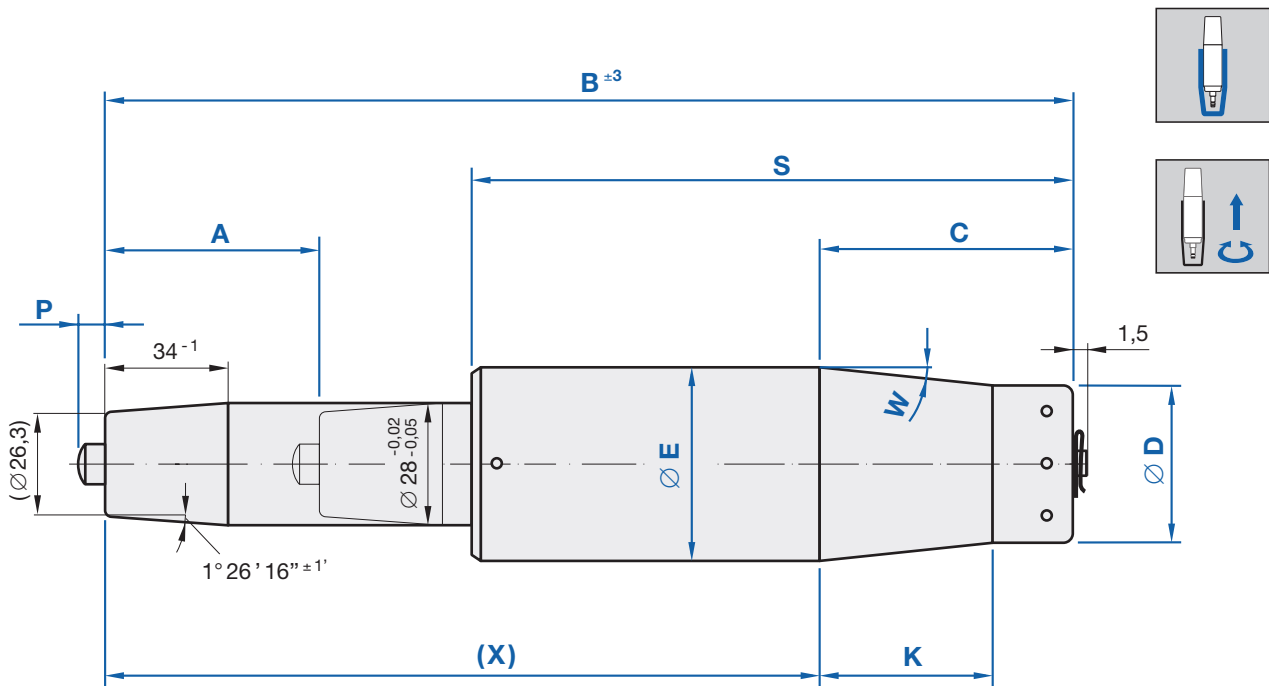
Standrohrfarbe: schwarz lackiert  
Colour of support tube: black paint finish  
Couleur du tube de guidage: laqué noir

| Ø E                   | A      | B               | X                         | C  | Ø D   | S                           | K                | W               | P                       | Stößel einstellbar | Gasfeder auswechselbar    | F1 - [N] | Bestell-Nr. Ref.-No. Réf.-No. |
|-----------------------|--------|-----------------|---------------------------|----|-------|-----------------------------|------------------|-----------------|-------------------------|--------------------|---------------------------|----------|-------------------------------|
| Standrohr-durchmesser | Hub    | Ausgesch. Länge | Fußkreuzmaß               |    |       | Standrohr-länge             | Konus II Länge   | Konus II Winkel | Stößel-überstand        | Screw adjustable   | Gas spring replaceable    |          |                               |
| Outer tube diameter   | Stroke | Extended length | Dimension of chair base   |    |       | Length of support tube      | Cone II length   | Cone II angle   | Release pin projection  | Poussoir réglable  | Ressort à gaz échangeable |          |                               |
| Diamètre de colonne   | Course | Longueur sortie | Dimensionnement piètement |    |       | Longueur du tube de guidage | Cône II longueur | Cône II angle   | Dépassement du poussoir |                    |                           |          |                               |
| 50                    | 102,5  | 353,0           | 258,0                     | 95 | 46,75 | 196,5                       | 65               | 1°26'16"        | 6,0                     | -                  | -                         | 300      | 8952LF                        |
|                       | 117,5  | 390,5           | 304,5                     | 86 | 46,75 | 219,5                       | 65               | 1°26'16"        | 6,0                     | -                  | -                         | 310      | 5931CB                        |
|                       | 132,5  | 417,0           | 327,0                     | 90 | 46,75 | 232,5                       | 65               | 1°26'16"        | 5,5                     | ✓                  | -                         | 350      | 670596                        |
|                       | 122,5  | 415,0           | 350,0                     | 65 | 46,75 | 234,5                       | 65               | 1°26'16"        | 6,0                     | -                  | -                         | 300      | 8734LV                        |
|                       | 125,5  | 427,0           | 362,0                     | 65 | 46,75 | 237,5                       | 65               | 1°26'16"        | 6,0                     | ✓                  | -                         | 330      | 8955LR                        |

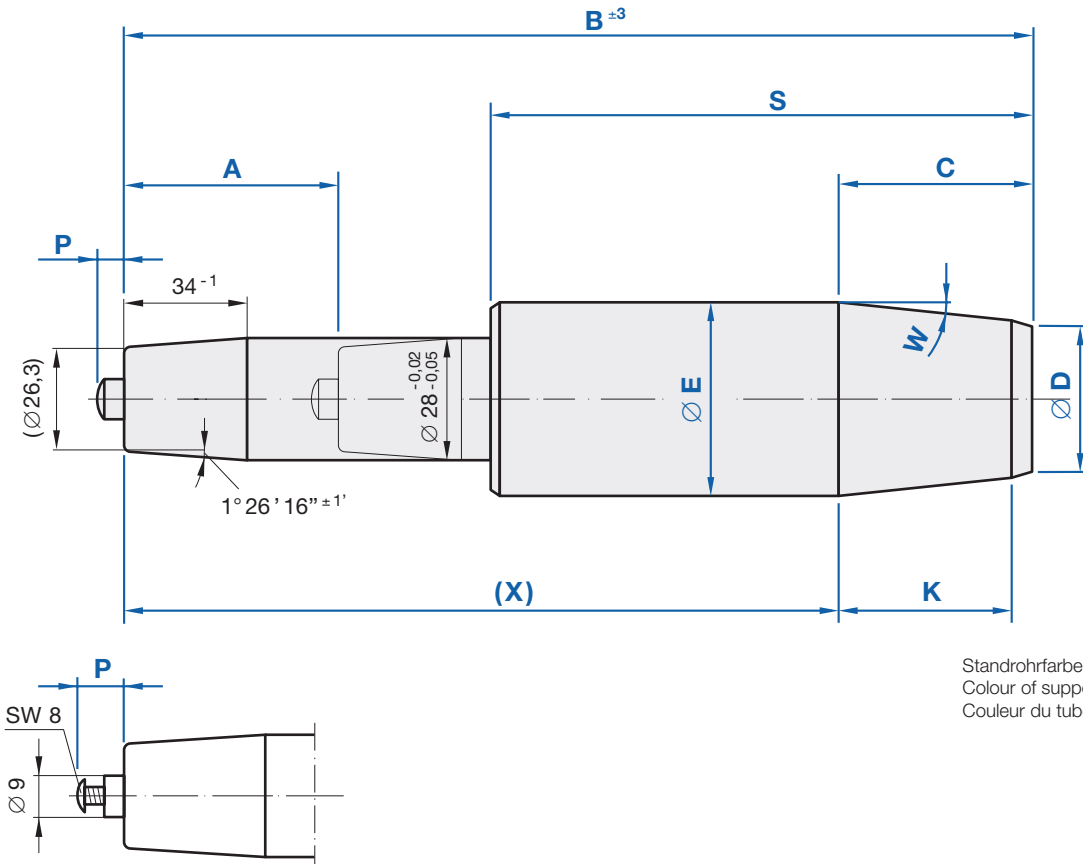
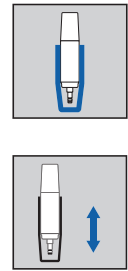


Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06





| $\varnothing E$   | A                       | B  | X  | C   | $\varnothing D$ | S  | K   | W  | P   | F <sub>1</sub> - [N] | Bestell-Nr. / Ref.-No. / Réf.-No.<br>Standrohrfarbe<br>Colour of support tube<br>Couleur du tube de guidage<br><br>schwarz lackiert<br>black paint finish<br>laqué noir |
|---|-------------------------|--|--|-----|-----------------|--|---|--|---|----------------------|---|
| Standrohr-<br>durchmesser<br>Outer tube<br>diameter<br>Diametre<br>de colonne | Hub<br>Stroke<br>Course | Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur<br>sortie | Fußkreuz-<br>maß<br>Dimension of<br>chair base<br>Dimensionne-<br>ment piètement |     |                 | Standrohr-<br>länge<br>Length of<br>support tube<br>Longueur du<br>tube de guidage | Konus II<br>Länge<br>Cone II<br>length<br>Cône II<br>longueur | Konus II<br>Winkel<br>Cone II<br>angle<br>Cône II<br>angle | Stößel-<br>überstand<br>Release pin<br>projection<br>Dépassement<br>du poussoir |                      |   |
| 50  | 67,5                    | 337,0  | 222,0  | 115 | 46,75           | 222,5  | 65  | 1°26'16''  | 6,5   | 300                  | 3693IW  |
|   | 67,5                    | 344,0  | 249,0  | 95  | 46,75           | 222,5  | 65  | 1°26'16''  | 6,5   | 400                  | 2026LG  |
|   | 104,5                   | 397,0  | 322,0  | 75  | 46,75           | 247,5  | 65  | 1°26'16''  | 6,5   | 300                  | 1149GA  |

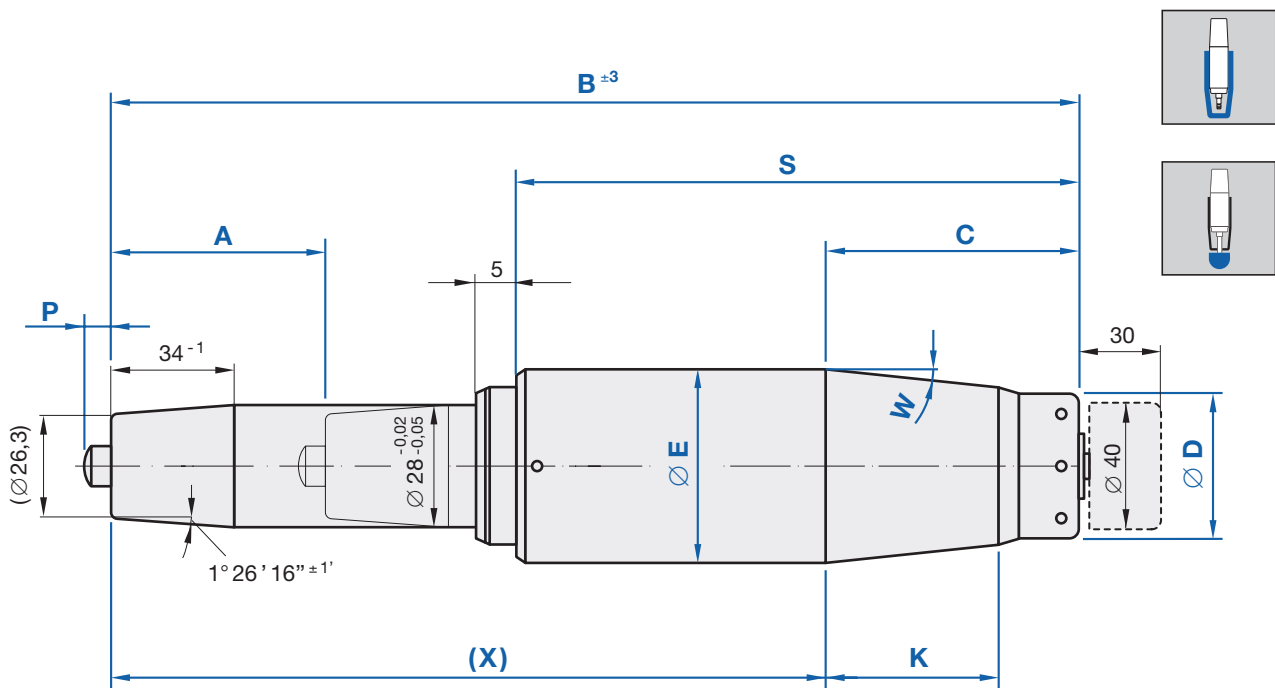


Standrohrfarbe: schwarz lackiert  
Colour of support tube: black paint finish  
Couleur du tube de guidage: laqué noir

| Ø E   | A                       | B  | X  | C  | S  | W  | P   | Stößel einstellbar<br>Screw adjustable<br>Poussoir réglable | F1 - [N] | Bestell-Nr. / Ref.-No. / Réf.-No.<br>Standrohrfarbe<br>Colour of support tube<br>Couleur du tube de guidage |  |
|---|-------------------------|--|--|----|--|--|---|---|----------|---|--|
| Standrohr-<br>durchmesser<br>Outer tube<br>diameter<br>Diamètre<br>de colonne | Hub<br>Stroke<br>Course | Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur<br>sortie | Fußkreuz-<br>maß<br>Dimension of<br>chair base<br>Dimensionne-<br>ment piétement |    | Standrohr-<br>länge<br>Length of<br>support tube<br>Longueur du<br>tube de guidage | Konus II<br>Winkel<br>Cone II<br>angle<br>Cône II<br>angle | Stößel-<br>überstand<br>Release pin<br>projection<br>Dépassement<br>du poussoir |   |          | schwarz lackiert<br>black paint finish<br>laqué noir  | matt verchromt<br>dull chromed<br>chromé mat |
| 50  | 135,5                   | 416,5  | 351,5  | 65 | 237,5  | 1°26'16"   | 6   | -   | 300      | 2091HF  |  |
|   | 165,5                   | 505,5  | 440,5  | 65 | 286,5  | 1°26'16"   | 7   | ✓   | 300      |   | 0717HR                                       |
|   | 201,5                   | 565,5  | 500,5  | 65 | 322,5  | 1°26'16"   | 6   | -   | 300      | 6296HP  |  |

Max. Verdrehmoment : 50 Nm  
Maxim overtorque : 50 Nm  
Couple de rotation maxi : 50 Nm

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06



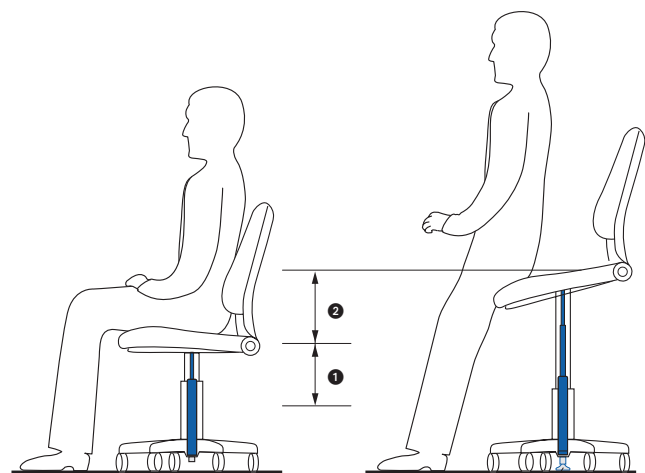
Standrohrfarbe: schwarz lackiert  
Colour of support tube: black paint finish  
Couleur du tube de guidage: laqué noir

| ∅ E   | A                       | B  | X  | C   | ∅ D   | S  | K   | W  | P   | Bereich ②<br>Range ②<br>Zone ② | F1 - [N] | Bestell-Nr.<br>Ref.-No.<br>Réf.-No. |
|---|-------------------------|--|--|-----|-------|--|---|--|---|--------------------------------|----------|-------------------------------------|
| Standrohr-<br>durchmesser<br>Outer tube<br>diameter<br>Diametre<br>de colonne | Hub<br>Stroke<br>Course | Ausgesch.<br>Länge<br>Extended<br>length<br>Longueur<br>sortie | Fußkreuz-<br>maß<br>Dimension of<br>chair base<br>Dimensionne-<br>ment piètement |     |       | Standrohr-<br>länge<br>Length of<br>support tube<br>Longueur du<br>tube de guidage | Konus II<br>Länge<br>Cone II<br>length<br>Cône II<br>longueur | Konus II<br>Winkel<br>Cone II<br>angle<br>Cône II<br>angle | Stößel-<br>überstand<br>Release pin<br>projection<br>Dépassement<br>du poussoir |                                |          |                                     |
| 50  | 175                     | 495,0  | 392,0  | 103 | 46,75 | 257,5  | 65  | 1°26'16"   | 6   | 495,0 - 398,0                  | 350      | 4484NJ                              |
|   | 188                     | 526,5  | 446,5  | 80  | 46,75 | 266,5  | 65  | 1°26'16"   | 6   | 526,5 - 481,0                  | 350      | 0289PW                              |
|   | 208                     | 558,0  | 483,0  | 85  | 46,75 | 281,5  | 65  | 1°26'16"   | 6   | 558,0 - 438,0                  | 350      | 4327NK                              |
|   | 220                     | 580,0  | 477,0  | 103 | 46,75 | 293,5  | 65  | 1°26'16"   | 6   | 580,0 - 460,0                  | 350      | 1826NE                              |

Hinweis! Bitte beachten  
Notice! Please observe  
Remarque! À observer s.v.pl.!

Einbauvorschrift  
Installation instruction **STAB-Spec. 1000 5593**  
Instruction de montage

- ① Standard Höhenverstellung  
Standard Height Adjustment  
Règlage en hauteur standard
- ② Höhenverstellung mit Stopp-Funktion  
Height Adjustment with stop-function  
Règlage en hauteur standard avec fonction d'arrêt

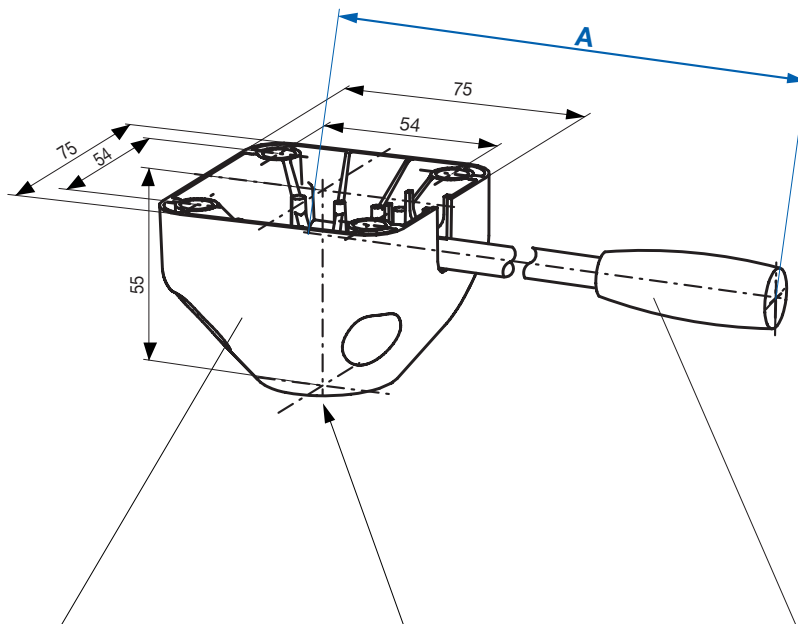


Gummi-Stopper  
Rubber bumper  
Arrêt en caoutchouc

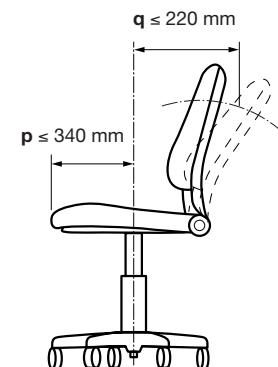
Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions in mm / Sous réserve de changements  
05/06

**Auslösemechanik für Höhenverstellung**  
**Release mechanism for height adjustment**  
**Mécanisme de déclenchement pour réglage de hauteur**

Zubehör  
Accessories  
Accessoires



geeignet für Stühle mit  
suitable for swivel-chairs with  
approprié pour les sièges avec



nach  
according to  
selon la norme

**DIN 4551**

Auslösekopf  
Release head  
Tête de déclenchement

Konus  $\varnothing 28 \times 34$  G 09 K2  
Cone  
Cône

Auslösehebel  
Release lever  
Lever de déclenchement

im Stuhl nur seitliche Montage zulässig  
in chairs, only lateral assembly allowed  
sur chaise, seul un assemblage latéral  
est permis

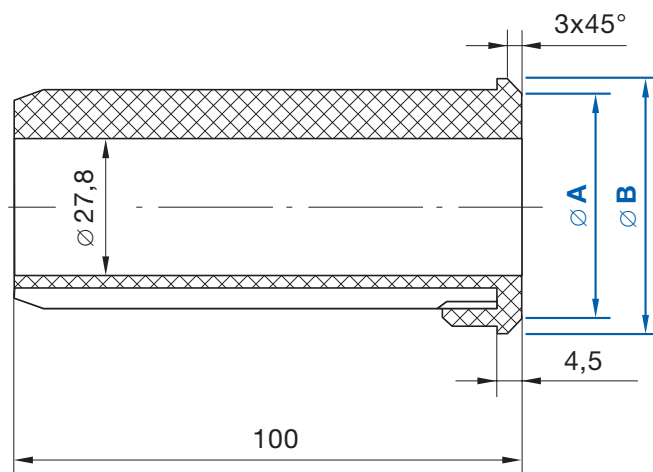
Schraubverbindung gegen Lösen sichern  
Empf. Schrauben-Anzugsmoment : 10 Nm  
Protection against thread loosening  
Recommended tightening torque : 10 Nm für Stößelüberstand  $6,5^{+1}$   
Assurer l'anti - desserrage des vis for release pin length  $6,5^{+1}$   
Couple de serrage recommandé pour le vissage : 10 Nm pour dépassement du poussoir  $6,5^{+1}$

| <b>A</b><br>Länge des<br>Auslösehebels<br>Length of<br>release lever<br>Longueur du<br>levier de déclenchement | <b>Bestell-Nr./Ref.-No./Réf.-No.</b><br>Auslösekopf incl. Hebel<br>Release head incl. lever<br>Tête de déclenchement<br>inclus levier | <b>Bestell-Nr./Ref.-No./Réf.-No.</b><br>Auslösekopf ohne Hebel<br>Release head without lever<br>Tête de déclenchement<br>sans levier |
|--|---|--|
| ca. 221  | 7616PW  | 0119PR   |
| ca. 171  | 7617PR  |  |

Maßangaben in mm / Änderungen vorbehalten · Dimensions in mm / We reserve the right to make modifications · Dimensions en mm / Sous réserve de changements  
05/06

**Kunststoffbuchse schwarz**  
**Plastic bush black**  
**Douille plastique noire**

Zubehör  
 Accessories  
 Accessoires



| <b>A</b>  | <b>B</b>   | Bestell-Nr.          |
|---|--|----------------------|
| Durchmesser der Führungsbuchse<br>Diameter of guide bush<br>Diametre de la douille de guidage | Standrohrdurchmesser<br>Outer tube diameter<br>Diametre de colonne | Ref.-No.<br>Réf.-No. |
| <b>34,2</b>   | <b>38</b>  | 044881               |
| <b>36,2</b>   | <b>40</b>  | 195626               |
| <b>42,2</b>   | <b>45</b>  | 022861               |
| <b>46,2</b>   | <b>50</b>  | 560405               |

**Notizen / Notes / Notes**

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

## Tipps und Hinweise zum richtigen Einbau von Gasfedern

### Anwendung

Gasfedern sind in ihrer technischen Auslegung auf die speziellen Anwendungen abzustimmen. Grundlage hierfür sind Spezifikationen und Zeichnungen. Nach Möglichkeit sollte die Anwendung und Anforderung mit Stabilus abgestimmt werden.

### Einbaulage

Vorzugsweise sollten Gasfedern - außer sie sind für lageunabhängigen Einbau vorgesehen - mit im Ruhezustand nach unten gerichteter Kolbenstange eingebaut werden. Dadurch wird stets für eine optimale Schmierung des Führungs- und Dichtungssystems gesorgt.

### Verkantungsfrei

Um die Lebensdauer nicht zu beeinträchtigen, dürfen Gasfedern keine Verkantungen, Biege- oder Querkräfte erfahren. Durch geeignete Anschluss-Stücke wie z.B. Winkelgelenke kann die verkantungsfreie Anlenkung sichergestellt werden.

### Funktionssicherheit

Die Funktionssicherheit der Gasfeder ergibt sich maßgeblich durch die glatte Kolbenstangenoberfläche und durch Dichtungen, die den Gasdruck im Inneren halten. Um sie zu schützen, dürfen keine Biegebelastungen auf die Gasfeder ausgeübt werden. Beschädigungen durch nachträgliche mechanische Bearbeitung oder gar Schweißungen an der Gasfeder sowie Verunreinigungen oder Farbe auf der Kolbenstange können zum Ausfall der Geräte führen. Änderungen und Manipulationen, Schlageinwirkung, Zugbelastungen, Erhitzen, Überlackieren oder die Aufdruckentfernung sind zu vermeiden. Nicht ordnungsgemäße Produkte dürfen nicht der Nutzung zugeführt werden.

### Temperaturbereich

Der Standardtemperaturbereich, für den Stabilus Gasfedern ausgelegt sind, liegt zwischen  $-30^{\circ}\text{C}$  und  $+80^{\circ}\text{C}$ . Selbstverständlich sind auch Gasfedern für extremere Belastungen verfügbar.

### Lebensdauer und Wartung

Gasfedern sind wartungsfrei! Es bedarf keiner Wartung wie Ölen oder Fetten. Sie sind stets für die jeweiligen Anforderungen ausgelegt und arbeiten über viele Jahre hinweg störungsfrei.

### Transport und Lagerung

Wenn Gasfedern eingelagert werden, sollte dies vorzugsweise mit nach unten gerichteter Kolbenstange erfolgen. Nach einer maximalen Lagerzeit von 6 Monaten sollten die Gasfedern betätigt werden. Um Beschädigungen zu vermeiden, sollten Gasfedern nicht als Schüttgut transportiert werden. Verunreinigungen, insbesondere auch durch dünne Verpackungsfolien oder Klebebänder sind zu vermeiden.

### Entsorgung

Werden Gasfedern nicht mehr benötigt, sollten sie umweltgerecht entsorgt werden. Dazu werden sie geeignet aufgebohrt, um das komprimierte Stickstoffgas sowie das enthaltene Öl abzulassen. Genauere Hinweise dazu sind der STAB-Spec. 1000 9375 zu entnehmen bzw. finden Sie unter [www.stabilus.de/recycling](http://www.stabilus.de/recycling).

## Tips and Hints for the Proper Installation of Gas Springs

### Application

The gas spring technical design must be matched to the respective application. The basis for this are the specifications and drawings. If possible, the application and requirements should be discussed with Stabilus.

### Installation Orientation

Whenever possible, gas springs should be installed so that the piston rod points down in the inactive state, as non-orientation-specific installation requires special consideration. This ensures optimum lubrication of the guidance and sealing system.

### Unconstrained Motion

For a long service life, gas springs must not be subjected to bending forces applied through the end connections. The use of suitable end fittings, such as angled joints, ensures coupling without jamming.

### Functional Safety

The functional safety is derived mainly from the smooth piston rod surface and the seals that hold the gas pressure inside. In order to protect them, the gas spring must not be subjected to any bending stress. Damage caused by mechanical machining, contaminants, or paint on the piston rod can cause the gas springs to fail. Furthermore, welding of the finished gas spring is explicitly not recommended. Modifications and manipulations, impact, tensile stress, heating, over-painting, or the removal of the imprint are also to be avoided. Noncompliant devices must not be put into use.

### Temperature Range

Stabilus gas springs are designed for a temperature range of -30°C and +80°C. Of course, there are also specialized gas springs available for heavy-duty applications.

### Lifetime and Maintenance

Gas springs are maintenance-free! They do not require greasing or lubrication. They are designed for their respective applications and, when properly installed, work flawlessly for many years.

### Transportation and Storage

If storage of the gas springs is required, the preferred storage position is with the piston rod pointing down. After a maximum storage time of 6 months, the gas springs should be actuated. In order to avoid damage, gas springs should never be transported as bulk material. Furthermore, foils and adhesive tapes should be avoided, as they may damage the gas springs.

### Disposal

When gas springs are no longer needed, they should be disposed of in an environmentally correct manner. To accomplish this, they should be drilled open, the compressed nitrogen gas released and the oil drained. For more specific details, please refer to [www.stabilus.com/recycling](http://www.stabilus.com/recycling) or STAB specification 1000 9375.

## Conseils et indications pour le montage correct de vérins pneumatiques

### Utilisation

La conception technique des vérins pneumatiques doit être adaptée à chaque type d'utilisation. Elle est basée sur des spécifications et des plans. Dans la mesure du possible, l'utilisation et le cahier des charges devraient être établis en accord avec Stabilus.

### Position de montage

Les vérins pneumatiques devraient - sauf s'ils sont prévus pour montage dans n'importe quelle position - être montés de telle sorte qu'en état de repos, la tige de piston soit dirigée vers le bas. Ainsi, on est assuré d'une lubrification optimale du système de guidage et d'étanchéité.

### Absence de gauchissement

Afin de ne pas compromettre leur durée de vie, les vérins pneumatique ne doivent pas être soumis à des gauchissements ni à des forces de flexion ou à des forces transversales. Le fonctionnement exempt de gauchissement s'obtient en utilisant des éléments de raccordement appropriés, tels que par exemple des cages à rotule.

### Sécurité de fonctionnement

La sécurité de fonctionnement du vérin pneumatique résulte dans une large mesure de l'état de surface de la tige de piston et des joints d'étanchéité, qui maintiennent la pression du gaz à l'intérieur du vérin. Pour les préserver, aucune force de flexion ne doit s'exercer sur le vérin pneumatique. Des endommagements provoqués par un usinage mécanique voire des soudures sur le vérin pneumatique ainsi que des salissures ou peintures sur la tige de piston peuvent conduire à la défaillance des appareils. Il convient d'éviter toute modification ou manipulation, choc, étirement, échauffement, peinture ou enlèvement des marquages. Les produits non corrects ne doivent pas être mis en utilisation.

### Plage de température

La plage de température standard, pour laquelle les vérins pneumatiques Stabilus sont conçus, se situe entre -30 °C et +80 °C. Bien entendu, nous pouvons aussi fournir des vérins pneumatiques étudiés pour des contraintes plus extrêmes.

### Durée de vie et maintenance

Les vérins pneumatique sont exempts de toute maintenance. Il n'est besoin ni d'huile, ni de graisse. Ils sont toujours conçus spécialement pour chaque type d'utilisation et fonctionnent sans problème pendant de longues années.

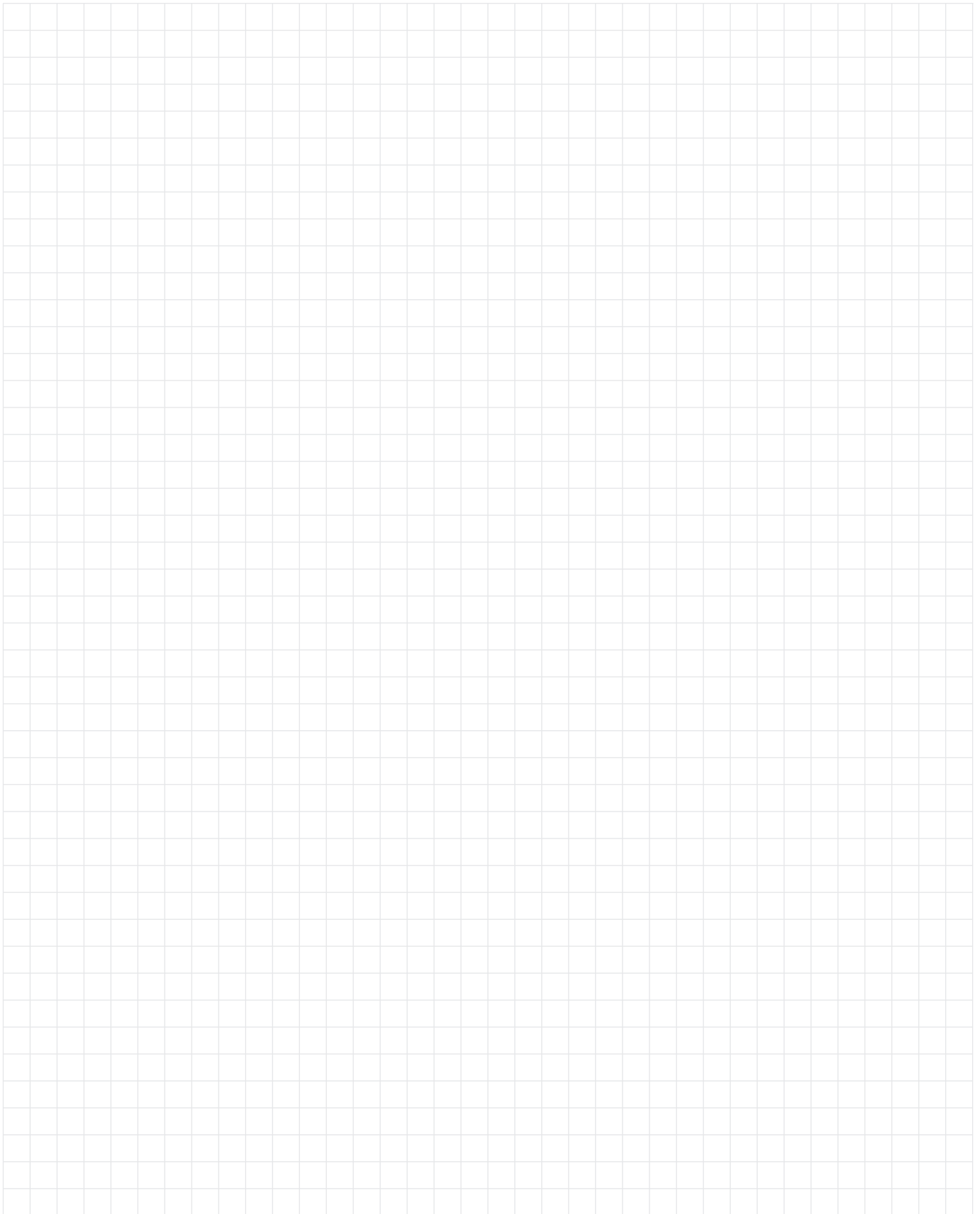
### Transport et stockage

Tant que les vérins pneumatique sont stockés, il est préférable de le faire avec la tige de piston dirigée vers le bas. Après un stockage maximal de 6 mois, les vérins pneumatiques doivent être actionnés. Afin d'éviter toute détérioration, les vérins pneumatiques ne devraient pas être transportés en vrac. Compte tenu des accumulations d'électricité statique, il faut éviter les conditionnements sous feuille plastique et similaires.

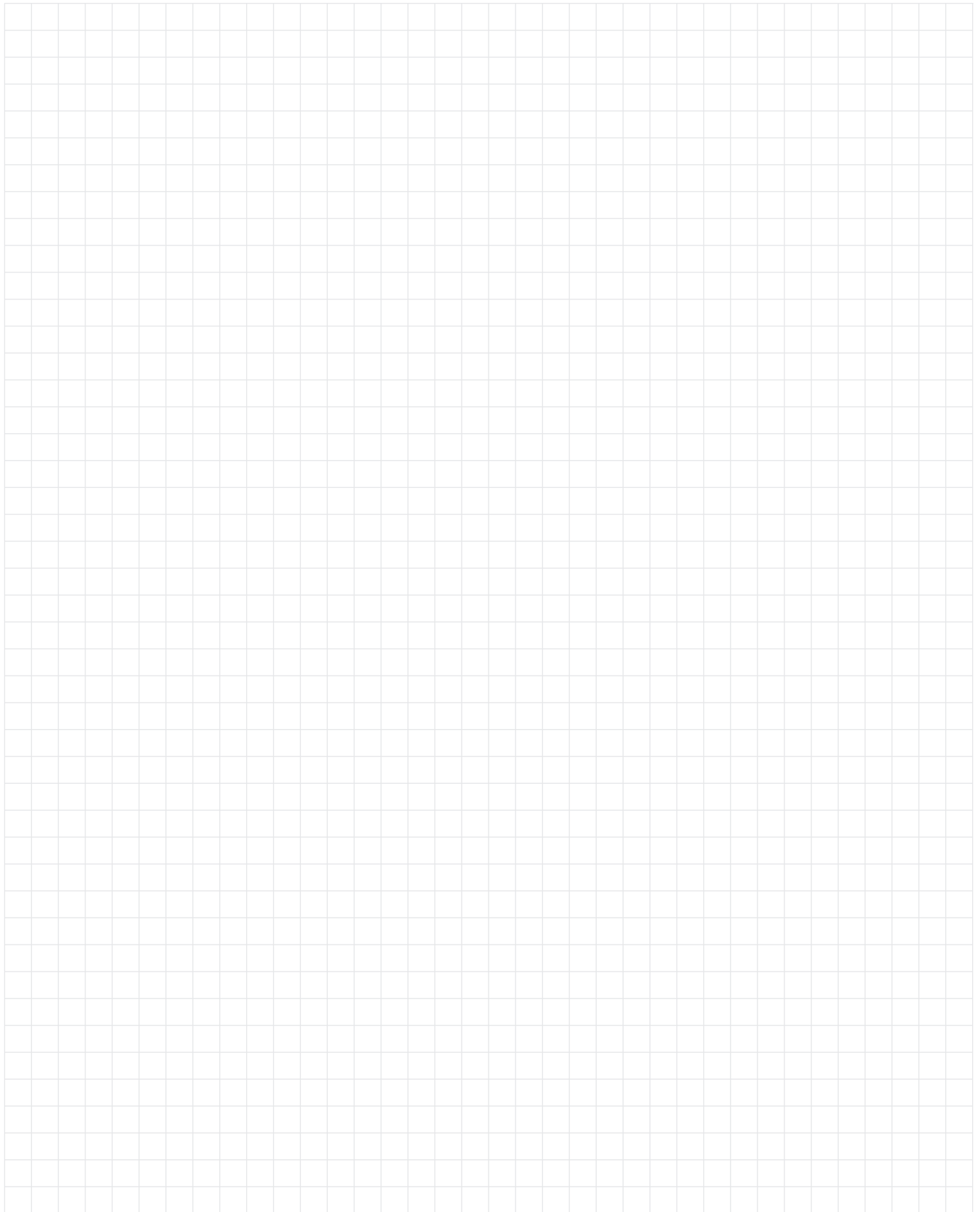
### Mise au rebut

Lorsque les vérins pneumatiques ont fini de servir, il convient de les rebuter dans le respect de l'environnement. A cet effet, ils sont percés de manière appropriée, afin de laisser s'échapper l'azote comprimé et afin de laisser s'écouler l'huile. On trouvera des indications plus précises dans la spécification STAB 1000 9375.

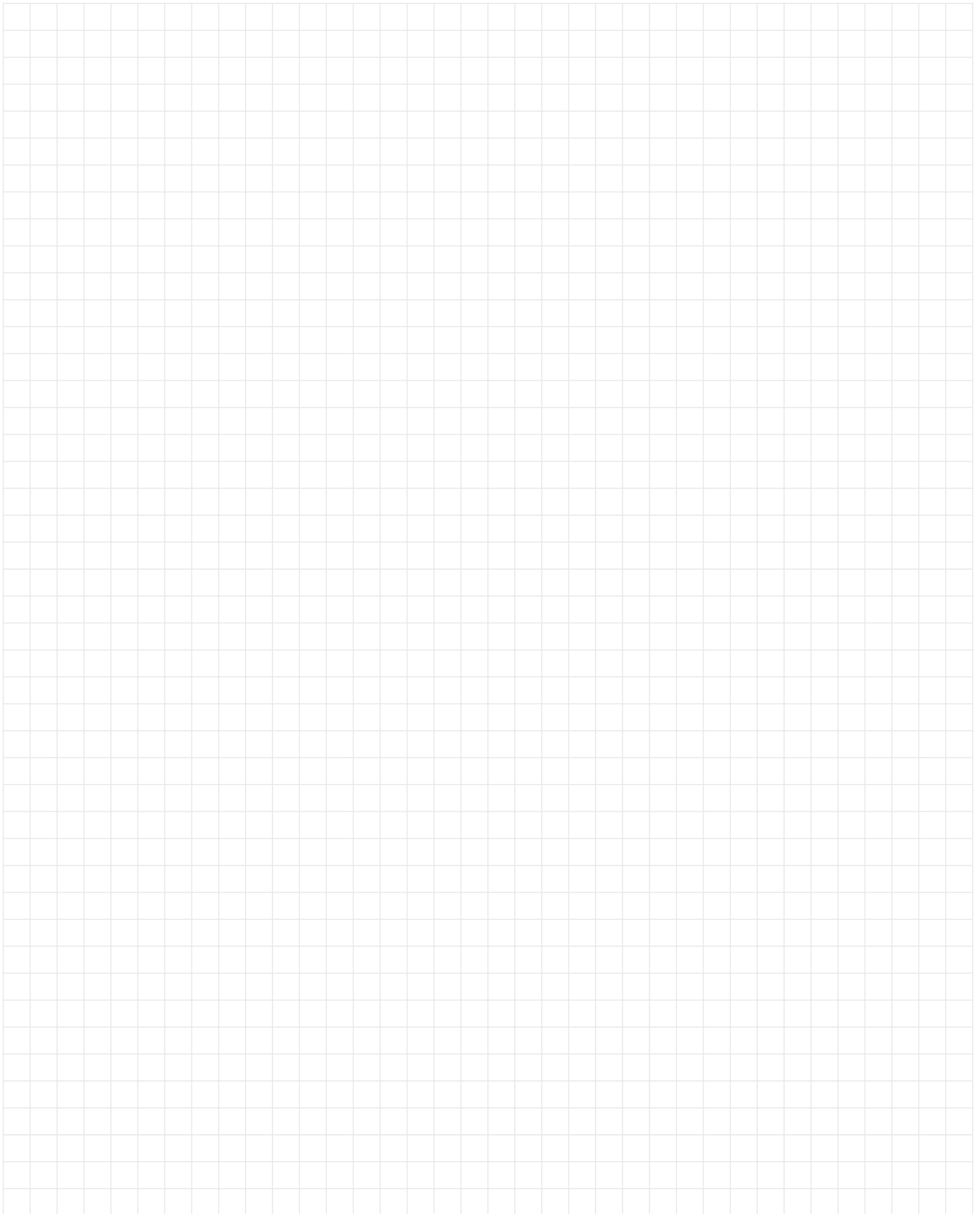
Notizen / Notes / Notes



Notizen / Notes / Notes



Notizen / Notes / Notes





- production facilities
- representatives

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