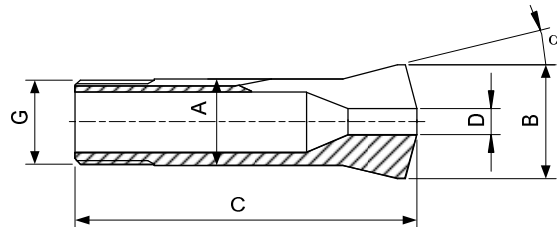


**SCHAUBLIN**
**W**

Page - Seite

**22.2**
**Pinces tirées - Zugspannzangen - Pull-type collets**

Fig. 1



Alésage à cran  
 Stufenbohrung  
 Step bore

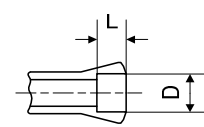


Fig. 2

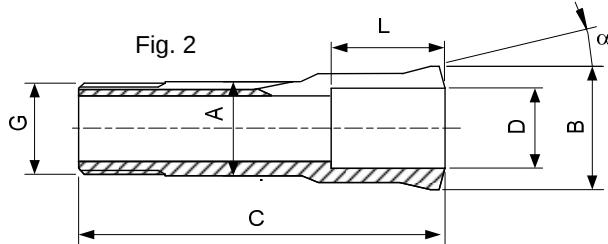


Fig. 3

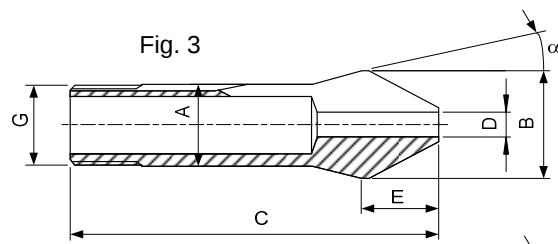


Fig. 4

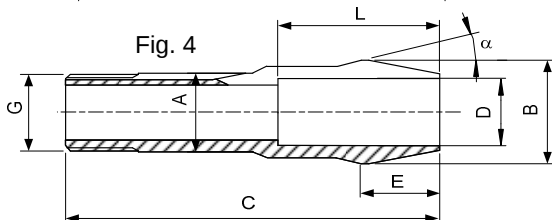
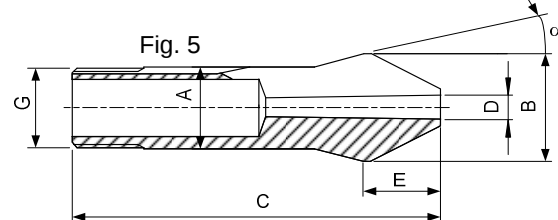


Fig. 5



| Type | Art.                              | A  | B    | C    | E    | G                                                     | $\alpha$ | D min-max            | L    | Fig. |
|------|-----------------------------------|----|------|------|------|-------------------------------------------------------|----------|----------------------|------|------|
| W20  | <b>80-4</b>                       | 20 | 26.3 | 73   | -    | $\emptyset 19.7 \times 1.666 \nabla 45^\circ/5^\circ$ | 15°      | 0.30...14.50         | -    | 1    |
|      |                                   |    |      |      |      |                                                       |          | 14.51...16.00        | 28   |      |
|      |                                   |    |      |      |      |                                                       |          | 20) 16.01...16.50    | 13.5 |      |
|      |                                   |    |      |      |      |                                                       |          | 20) 16.51...17.00    | 13   |      |
|      |                                   |    |      |      |      |                                                       |          | 20) 17.01...17.50    | 12.2 |      |
|      |                                   |    |      |      |      |                                                       |          | 20) 17.51...18.00    | 11.5 |      |
|      |                                   |    |      |      |      |                                                       |          | 20) 18.01...18.50    | 10.7 |      |
|      |                                   |    |      |      |      |                                                       |          | 20) 18.51...19.00    | 10   |      |
|      |                                   |    |      |      |      |                                                       |          | 20) 19.01...19.50    | 8.7  |      |
|      |                                   |    |      |      |      |                                                       |          | 20) 19.51...20.00    | 7.5  |      |
|      |                                   |    |      |      |      |                                                       |          | 20.01...20.50        | 6.5  |      |
|      |                                   |    |      |      |      |                                                       |          | 20.51...21.00        | 5.5  |      |
|      |                                   |    |      |      |      |                                                       |          | 21.01...21.50        | 4.7  |      |
|      |                                   |    |      |      |      |                                                       |          | 21.51...22.00        | 4    |      |
|      |                                   |    |      |      |      |                                                       |          | 22.01...22.50        | 3    |      |
|      |                                   |    |      |      |      |                                                       |          | 22.51...23.00        | 2    |      |
| W20  | <b>80-107</b><br>10) 80-4         | 20 | 26.3 | 73   | -    | $\emptyset 19.7 \times 1.666 \nabla 45^\circ/5^\circ$ | 15°      | 16.01...20.00        | 24   | 2    |
|      | <b>80-92744</b><br>10) 80-4       |    |      |      |      |                                                       |          | 0.30...13.00         | -    |      |
|      | <b>80-92744</b><br>10) 80-4       |    |      |      |      |                                                       |          | 13.01...16.00        | 41   |      |
|      | <b>80-93286</b><br>10) 80-4       |    |      |      |      |                                                       |          | 16.01...20.00        | 37   |      |
|      | <b>80-93828</b><br>10) 80-4 / 26) |    |      |      |      |                                                       |          | Morse DIN228<br>MK-1 | -    |      |
| W20  | <b>80-93829</b><br>10) 80-4 / 26) | 20 | 26.3 | 94.5 | 25.5 | $\emptyset 19.7 \times 1.666 \nabla 45^\circ/5^\circ$ | 15°      | Morse DIN228<br>MK-2 | 66   | 5    |

Alésages standards (rond, carré, six-pans) selon liste de prix. Autres alésages sur demande.  
 Standardbohrungen (rund, vierkant, sechskant) gemäss Preisliste. Andere Bohrungen auf Anfrage.  
 Standard bores (round, square, hexagonal) according to price list. Other bores on request.  
 10) Article de base - Basisartikel - Basic item  
 20) Dimensions non standard, voir 80-107 - Keine Standardabmessung, siehe 80-107 -  
 Non standard bores, see 80-107  
 26) Sur demande - Auf Anfrage - On request