

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



Alésage à cran  
 Stufenbohrung  
 Step bore



Obturateurs pour pinces, voir page 70  
 Dichtgummi für Spannzangen auf Seite 70  
 Rubber seals for collets on page 70

| Type          | Art.                        | A  | B    | C    | E   | G                             | $\alpha$                           | D min-max     |               | L   | Fig. |
|---------------|-----------------------------|----|------|------|-----|-------------------------------|------------------------------------|---------------|---------------|-----|------|
| W10           | <b>80-1</b>                 | 10 | 14   | 43.6 | -   | $\emptyset 9.83 \times 0.833$ | $\sphericalangle 45^\circ/5^\circ$ | 15°           | 0.30...6.70   | -   | 1    |
|               |                             |    |      |      |     |                               |                                    |               | 6.71...8.00   | 15  |      |
|               |                             |    |      |      |     |                               |                                    |               | 8.01...8.50   | 6   |      |
|               |                             |    |      |      |     |                               |                                    |               | 8.51...9.00   | 5   |      |
|               |                             |    |      |      |     |                               |                                    |               | 9.01...9.50   | 4   |      |
|               |                             |    |      |      |     |                               |                                    |               | 9.51...10.00  | 3   |      |
| W12           | <b>80-2009</b>              | 10 | 14   | 49.5 | 8   | $\emptyset 9.83 \times 0.833$ | $\sphericalangle 45^\circ/5^\circ$ | 15°           | 0.30...6.35   | -   | 2    |
|               |                             |    |      |      |     |                               |                                    |               | 6.36...8.00   | 21  |      |
| W12           | <b>80-2</b>                 | 12 | 16   | 46   | -   | $\emptyset 11.75 \times 1.25$ | $\sphericalangle 45^\circ/5^\circ$ | 15°           | 0.30...8.00   | -   | 1    |
|               |                             |    |      |      |     |                               |                                    |               | 8.01...10.00  | 17  |      |
|               |                             |    |      |      |     |                               |                                    |               | 10.01...10.50 | 6   |      |
|               |                             |    |      |      |     |                               |                                    |               | 10.51...11.00 | 5   |      |
|               |                             |    |      |      |     |                               |                                    |               | 11.01...11.50 | 4   |      |
|               |                             |    |      |      |     |                               |                                    |               | 11.51...12.00 | 3   |      |
|               |                             |    |      |      |     |                               |                                    | 12.01...12.50 | 2             |     |      |
|               | <b>80-93108</b><br>10) 80-2 | 12 | 16   | 52   | 8.8 | $\emptyset 11.75 \times 1.25$ | $\sphericalangle 45^\circ/5^\circ$ | 15°           | 0.30...8.00   | -   | 2    |
|               |                             |    |      |      |     |                               |                                    |               | 8.01...10.00  | 24  |      |
| W15           | <b>80-3</b>                 | 15 | 20.2 | 58.3 | -   | $\emptyset 14.75 \times 1.25$ | $\sphericalangle 45^\circ/5^\circ$ | 15°           | 0.30...10.70  | -   | 1    |
|               |                             |    |      |      |     |                               |                                    |               | 10.71...12.70 | 22  |      |
|               |                             |    |      |      |     |                               |                                    |               | 12.71...13.00 | 9.5 |      |
|               |                             |    |      |      |     |                               |                                    |               | 13.01...13.50 | 8.5 |      |
|               |                             |    |      |      |     |                               |                                    |               | 13.51...14.00 | 7.5 |      |
|               |                             |    |      |      |     |                               |                                    |               | 14.01...14.50 | 6.5 |      |
|               |                             |    |      |      |     |                               |                                    |               | 14.51...15.00 | 5.5 |      |
| 15.01...15.50 | 4.5                         |    |      |      |     |                               |                                    |               |               |     |      |
|               |                             |    |      |      |     |                               |                                    | 15.51...16.00 | 3.5           |     |      |
|               | <b>80-93285</b><br>10) 80-3 | 15 | 20.2 | 67   | 12  | $\emptyset 14.75 \times 1.25$ | $\sphericalangle 45^\circ/5^\circ$ | 15°           | 0.30...10.20  | -   | 2    |
|               |                             |    |      |      |     |                               |                                    |               | 10.21...12.70 | 32  |      |

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