

| Referans Nr. | Adaptable Workpiece Dia. | d1    | d2   | h2   | h1   | d<br>( <sub>-0.05</sub> <sup>0</sup> ) | h    | M   | L    | w  | M1 | L1 | dp    | Clamping Force Kgf | Allowable Screw Torque (N - m) | Recommended Range of Expansion of Dia | Allowable Expansion of Dia | (g)  |
|--------------|--------------------------|-------|------|------|------|--|------|-----|------|----|----|----|-------|--------------------|--------------------------------|---------------------------------------|----------------------------|------|
| 1488-00004   | Ø7.1-Ø12.4               | 12.4  | 7.1  | 15   | 16   | 29.72                                  | 21.8 | M4  | 7.2  | 3  | M3 | 6  | 21    | 420                | 5                              | 0.07                                  | 0.13                       | 45   |
| 1488-00006   | Ø12.2-Ø14.2              | 14.2  | 12.2 | 15   | 19   | 31.5                                   | 24.9 | M6  | 11.2 | 5  | M3 | 6  | 23.1  | 440                | 17                             | 0.08                                  | 0.23                       | 60   |
| 1488-00008   | Ø13.5-Ø20                | 20    | 13.5 | 15   | 19   | 37.5                                   | 24.9 | M8  | 13.2 | 6  | M3 | 6  | 29    | 1100               | 34                             | 0.08                                  | 0.30                       | 95   |
| 1488-00010   | Ø18-Ø27                  | 27    | 18   | 17.5 | 22.2 | 50                                     | 28.6 | M10 | 16.3 | 8  | M4 | 7  | 39.4  | 2000               | 60                             | 0.08                                  | 0.35                       | 190  |
| 1488-00012   | Ø23-Ø35.3                | 35.3  | 23   | 20.6 | 25.4 | 56                                     | 31.8 | M12 | 20.3 | 10 | M4 | 7  | 45.5  | 2600               | 150                            | 0.08                                  | 0.35                       | 300  |
| 1488-0016A   | Ø29.3-Ø42                | 42    | 29.3 | 27   | 31.8 | 69.5                                   | 39.6 | M16 | 21.4 | 14 | M5 | 13 | 55.9  | 4400               | 280                            | 0.08                                  | 0.35                       | 570  |
| 1488-0016B   | Ø29.3-Ø51.5              | 51.5  | 29.3 | 27   | 31.8 | 75.5                                   | 39.6 | M16 | 21.4 | 14 | M5 | 13 | 63.9  | 4400               | 280                            | 0.08                                  | 0.35                       | 750  |
| 1488-0016C   | Ø29.3-Ø77.7              | 77.7  | 29.3 | 32.3 | 37.6 | 107.5                                  | 45.5 | M16 | 19.3 | 14 | M6 | 14 | 92.6  | 4400               | 280                            | 0.15-0.4                              | 0.60                       | 1800 |
| 1488-0016D   | Ø29.3-Ø103               | 103   | 29.3 | 32.3 | 37.6 | 132.9                                  | 45.5 | M16 | 19.3 | 14 | M6 | 14 | 118.1 | 4400               | 280                            | 0.15-0.4                              | 0.60                       | 2900 |
| 1488-0016E   | Ø29.3-Ø175               | 175   | 29.3 | 32.3 | 37.6 | 132.9                                  | 45.5 | M16 | 19.3 | 14 | M6 | 14 | 118.1 | 4400               | 280                            | 0.15-0.4                              | 0.80                       | 6500 |
| 1488-0016F   | Ø29.3-Ø250.2             | 250.2 | 29.3 | 32.3 | 37.6 | 152.4                                  | 45.5 | M16 | 19.3 | 14 | M6 | 14 | 133.4 | 2600               | 170                            | 0.15-0.4                              | 0.80                       | 4800 |

**Product Nr. 1488 I.D. Holding Clamps**

**Body**

- Black coated

**Tapered Screw**

- Hardened

**Features**

- Can hold workpieces on an inside diameter.
- Perfect for multiple-parts holding arrangement.
- Using hydraulic pull cylinders to clamp instead of using hex wrenches allows automation.
- Can be machinable to suit your workpieces.

**Notes**

- The minimum radius of corners at the machined part should be 0.5mm for clamping small workpieces. To prevent stress concentration on these corners, make the radius as large as possible.
- If the radius will interfere with the bottom of the workpiece bore, we suggest a ring or rest-pads be fixed to the flange.

