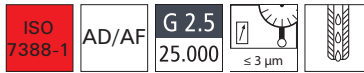


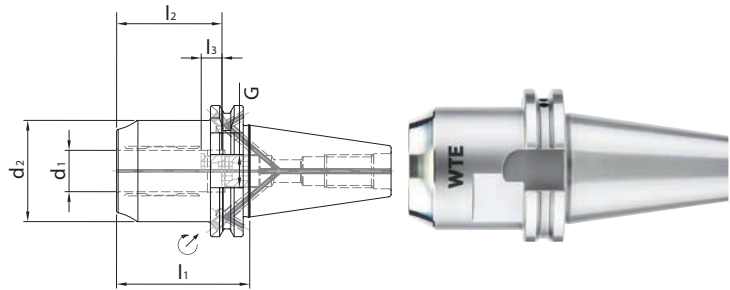
Mandril de sujeción HPH, corta, pesada

Características: High Performance Holder. Modelo pesado, corto. Para fuerzas de retención extremadamente altas y pares de giro muy altos y transmisibles. Efecto de amortiguación de vibraciones para una superficie de pieza optimizada. **Elevada resistencia a la temperatura hasta 170°.** Agujero para soporte de datos/chip (Balluff).

Volumen de suministro: pinzas de sujeción expansible por sistema hidráulico.



WTE
MAPAL GROUP



| | | | | | | | WTE | Ref. |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|-----------|-------------------|---------|
| | | | | | | | 3553 | |
| d ₁ mm | d ₂ mm | l ₁ mm | l ₂ mm | l ₃ mm | G mm | E/C mm | SK 40 € | |
| 12 | 42 | 50 | 46 | 10 | M8 x 1 x 13,5 | 3 | 283,76 \diamond | ...0020 |
| 20 | 49 | 64,5 | 51 | 10 | M16 x 1 x 13,5 | 8 | 283,76 \diamond | ...0044 |

(W102)

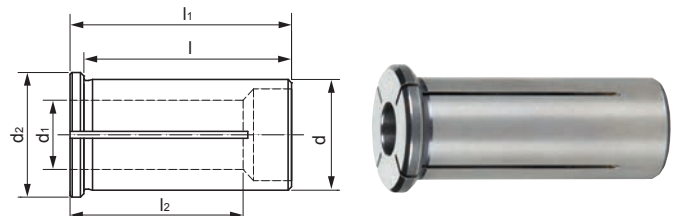
| | | | | | | | | WTE | Ref. |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|-----------|-----------------------------|---------|------|
| | | | | | | | | 3553 | |
| d ₁ mm | d ₂ mm | l ₁ mm | l ₂ mm | l ₃ mm | G mm | E/C mm | SK 50 € | | |
| 32 | 72 | 81 | 61 | 10 | M16 x 1 x 13,5 | 8 | 327,10 \diamond (W102) | ...0045 | |

Casquillo reductor

Características: obturación metálica – estanco para refrigerante. Presión máx. del refrigerante de hasta 80 bar. Ranurado para la aplicación de diámetros flexibles.

Aplicación: para la reducción del diámetro de sujeción en mandriles de sujeción por expansión hidráulica y HPH.

WTE
MAPAL GROUP



| WTE | | | | | | Ref. |
|-----|----------------|----|----------------|----------------|--------|---------|
| d | d ₁ | l | l ₁ | l ₂ | 3443 | |
| mm | mm | mm | mm | mm | € | |
| 12 | 2 | 44 | 40 | 20 | 297,51 | ...0057 |
| 12 | 3 | 44 | 40 | 29 | 137,37 | ...0058 |
| 12 | 4 | 44 | 40 | 29 | 130,07 | ...0059 |
| 12 | 5 | 44 | 40 | 29 | 130,07 | ...0060 |
| 12 | 6 | 44 | 40 | 36 | 124,27 | ...0502 |
| 12 | 8 | 44 | 40 | 37 | 124,27 | ...0505 |
| 12 | 10 | 44 | 40 | 40 | 124,27 | ...0508 |
| 20 | 3 | 54 | 50 | 28 | 133,50 | ...0510 |
| 20 | 4 | 54 | 50 | 28 | 127,86 | ...0512 |
| 20 | 5 | 54 | 50 | 28 | 127,86 | ...0514 |
| 20 | 6 | 54 | 50 | 36 | 120,41 | ...0602 |
| 20 | 8 | 54 | 50 | 37 | 120,41 | ...0605 |
| 20 | 10 | 54 | 50 | 40 | 120,41 | ...0608 |
| 20 | 12 | 54 | 50 | 45 | 120,41 | ...0611 |
| 20 | 14 | 54 | 50 | 45 | 120,41 | ...0614 |
| 20 | 16 | 54 | 50 | 48 | 120,41 | ...0617 |
| 25 | 3 | 60 | 56 | 29 | 180,67 | ...0645 |
| 25 | 4 | 60 | 56 | 29 | 161,91 | ...0646 |
| 25 | 5 | 60 | 56 | 29 | 161,91 | ...0647 |
| 25 | 6 | 60 | 56 | 37 | 161,91 | ...0648 |

(W102)

| | | | | | | WTE | Ref. |
|----|----------------|----|----------------|----------------|--------|---------|------|
| d | d ₁ | l | l ₁ | l ₂ | 3443 | | |
| mm | mm | mm | mm | mm | € | | |
| 25 | 8 | 60 | 56 | 37 | 141,24 | ...0649 | |
| 25 | 10 | 60 | 56 | 40 | 141,24 | ...0650 | |
| 25 | 12 | 60 | 56 | 46 | 141,24 | ...0651 | |
| 25 | 14 | 60 | 56 | 47 | 141,24 | ...0652 | |
| 25 | 16 | 60 | 56 | 48 | 141,24 | ...0653 | |
| 25 | 18 | 60 | 56 | 48 | 141,24 | ...0654 | |
| 25 | 20 | 60 | 56 | 50 | 141,24 | ...0655 | |
| 32 | 6 | 64 | 60 | 36 | 148,69 | ...0620 | |
| 32 | 8 | 64 | 60 | 36 | 148,69 | ...0623 | |
| 32 | 10 | 64 | 60 | 40 | 148,69 | ...0626 | |
| 32 | 12 | 64 | 60 | 45 | 145,11 | ...0629 | |
| 32 | 14 | 64 | 60 | 46 | 145,11 | ...0632 | |
| 32 | 16 | 64 | 60 | 48 | 145,11 | ...0635 | |
| 32 | 18 | 64 | 60 | 49 | 145,11 | ...0638 | |
| 32 | 20 | 64 | 60 | 49 | 145,11 | ...0641 | |
| 32 | 22 | 64 | 60 | 50 | 224,13 | ...0664 | |
| 32 | 25 | 64 | 60 | 56 | 145,11 | ...0644 | |

(W102)