

H-25

La tecnologia dei Mandrini !



PRÄZISIONS-SPANNWERKZEUGE HIGH PRECISION TOOLHOLDERS

ERRECI

SISTEMI PER PRODURRE



KATALOG CATALOGUE

HITECH-SEH[®]

TOOLHOLDERS - MACHINES

Le presentiamo il prodotto HITECH di SEH PRÄZISIONSWERZEUGE

E' un'azienda che produce e commercializza mandrini e accessori per mandrini, una linea di prodotti tecnologicamente avanzati che si contraddistingue per le sue competenze tecnologiche!

La parola chiave che identifica questo brand è una combinazione di creatività, ricerche di mercato, competenze tecnologiche e una gestione efficace del progetto per qualità e performance tecniche.

Senza tralasciare il rapporto qualità-prezzo abbiamo anche dato una particolare importanza alla cura del packaging!

HITECH di SEH PRÄZISIONSWERZEUGE può fornire a richiesta



- Mandrini doppio contatto*
- Utensili statici e motorizzati*
- VDI-BMT -Utensili di tornitura*
- HSK-T*
- Teste angolari*

Settore di applicazioni dei mandrini HITECH-SEH

Application area of HITECH-SEH spindles



The range of Chucks and Accessories La gamma Mandrini e Accessori

- ER Collet Chuck/Mandrino ER
- ER MINI Collet Chuck/Mandrino MINI ER
- High Speed SKS Collet Chuck/Mandrino SKS Alta velocità
- Power Milling Chuck/Mandrino Forte Serraggio
- Face Mill Holder/Mandrino Porta frese a trascinamento
- End Mill Holder Weldon /Mandrino Weldon
- End Mill Holder with Coolant Channels //Mandrino Weldon con lubrificazione frontale
- Shrink Fit Chuck, 4.5°, Standard /Mandrino a Calettare 4,5°
- Shrink Fit Chuck, 4.5°, Coolant/Mandrino a Calettare,4,5°-2 fori lub.
- Shrink Fit Chuck, Series SLIM 3°/ Mandrino a Calettare, SLIM 3°
- Shrink Fit Holder Anti-Vibration 4.5° /Mandrino a Calettare Anti vibrante 4,5°
- Milling Cutter Arbor/Mandrino per testine fill.
- Hydraulic Expansion Chuck SLIM 3°/Mandrino Idraulico SLIM 3°
- Hydraulic Expansion Chuck /Mandrino Idraulico
- Hydraulic Collet Set/Set Mandrino idraulico con riduzioni
- Hydraulic Expansion Chuck with "Run Out" adjustment/Mandrino Idraulico con regolazione assiale
- Hydraulic Expansion Chuck Heavy Duty power/ Mandrino Idraulico per impieghi gravosi
- Hydraulic Expansion Chuck Anti - Vibration/Mandrino Idraulico Anti vibrante
- Cylindrical Shank Shrink Fit Holder/Prolunghe a calettare
- Cylindrical Shank Hydraulic Expansion Chuck/Prolunghe Idrauliche
- Collets/Pinze
- Tool Holder Locking Device /Smonta coni
- Shrink fit machines/ Macchine a calettare
- Tool Holder Cleaning Device/Macchina lava coni
- Chip remover/ventola pulisci trucioli
- Techical/tecnica

Sezione DIN 69871 da pagina 04 a pagina 21

Sezione JIS B 6339 MAS BT da pagina 22 a pagina 39

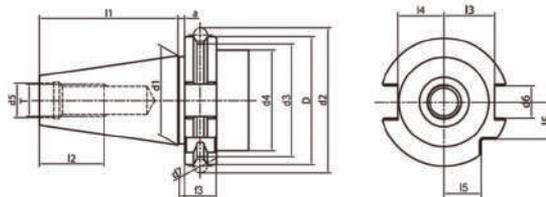
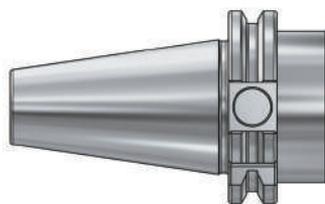
Sezione DIN 69893 da pagina 40 a pagina 54

Sezione Macchine e Accessori da pagina 55 a pagina 69

Sezione TECNICA da pagina 69 a pagina 70

SK Taper Standard

Cono SK standard



| Size | D | d1 | d2 | d3 | d4 | d5 | d6 | d7 | l1 | l2 | l3 | l4 | l5 | e1 | e2 |
|------|-------|-------|--------|-------|----|----|------|----|-------|----|------|------|------|----|----|
| SK30 | 50 | 31.75 | 59.3 | 44.3 | 45 | 13 | 16.1 | 7 | 47.8 | 24 | 18.8 | 16.3 | 15 | 21 | 5 |
| SK40 | 63.55 | 44.45 | 72.3 | 56.25 | 50 | 17 | 16.1 | 7 | 58.4 | 32 | 25 | 22.7 | 18.5 | 27 | 5 |
| SK50 | 97.5 | 69.85 | 107.36 | 91.25 | 80 | 25 | 25.7 | 7 | 101.8 | 47 | 37.7 | 35.5 | 30 | 42 | 7 |

Taper standard/Standard cono: DIN 69871

Material/Materiale: Alloyed case hardened steel/acciaio legato temprato

Surface Treatment/rattamento superficiale Blackening and Bright/annerimento e lucidatura

Taper tolerance/Tolleranza conica AT3

Hardness/Durezza HRC 56-60

Carbon depth/Profondità di carbonio: 0,8 0,2 mm

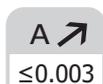
Surface Roughness/Rugosità superficiale Ra 0,2 m

Balancing/Bilanciatura G6,3/15000 G2,5/25000

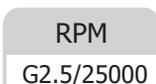
Cooling:/Raffreddamento: AD AD/B



Socket type according to DIN6499
tipologia di presa secondo DIN6499



Run Out less than 0.003
Run Out inferiore a 0.003



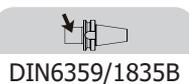
Balance G2.5/ 25,000 rpm
Bilanciatura G2.5/ 25.000 Giri



AD Lubrication
Lubrificazione AD



Lubrication (AD/B) AD/AF
Lubrificazione (AD/B) AD/AF



Socket type according to DIN6359
tipologia di presa secondo DIN6359

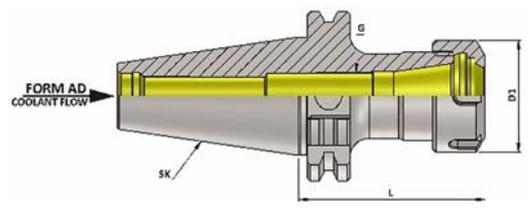
🇮🇹 Disponibile magazzino Italia ● Disponibile in 48 ore ● Disponibile in 5/7 giorni ● Disponibile in 20 giorni

ER Collet Chuck

Mandrino ER



| | | | |
|---------|------------|----------------|----|
| DIN6499 | A ↗ ≤0.003 | RPM G2.5/25000 | AD |
|---------|------------|----------------|----|



| Code | Size | Capacity | D1 | L | D | Euro |
|----------------|---------------|----------|----|-----|----|------|
| 402.02.10.HT | SK40-ER16-63 | 1-10 | 32 | 63 | 28 | |
| 402.02.16.HT | SK40-ER25-70 | 2-16 | 42 | 70 | 42 | |
| 402.02.20.HT | SK40-ER32-70 | 2-20 | 50 | 70 | 40 | |
| 402.02.26.HT | SK40-ER40-80 | 3-26 | 63 | 80 | 63 | |
| 402.02.10.1.HT | SK40-ER16-100 | 1-10 | 32 | 100 | 28 | |
| 402.02.16.1.HT | SK40-ER25-100 | 2-16 | 42 | 100 | 42 | |
| 402.02.20.1.HT | SK40-ER32-100 | 2-20 | 50 | 100 | 50 | |
| 402.02.26.1.HT | SK40-ER40-100 | 3-26 | 63 | 100 | 63 | |

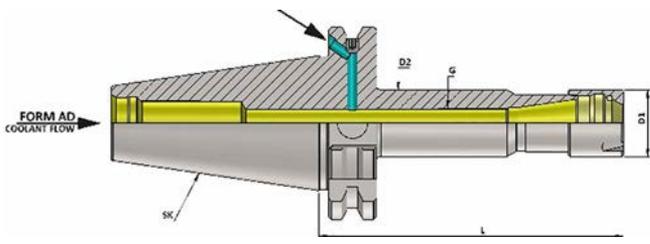
SK30 / SK50 disponibili in 20 giorni
 AD/B disponibile in 5 giorni

ER MINI Collet Chuck

Mandrino MINI ER



| | | | |
|---------|------------|----------------|----|
| DIN6499 | A ↗ ≤0.003 | RPM G2.5/25000 | AD |
|---------|------------|----------------|----|



| Code | Size | Capacity | D1 | L | D | Euro |
|-------------------|-----------------|----------|----|-----|----|------|
| 403.02.07.1.HT | SK40-ER11M-100 | 1-7 | 16 | 100 | 16 | |
| 403.02.07.2.HT | SK40-ER11M-160T | 1-7 | 16 | 160 | 16 | |
| 403.02.07.10.1.HT | SK40-ER16M-100 | 1-10 | 22 | 100 | 22 | |
| 403.02.07.10.2.HT | SK40-ER16M-160T | 1-10 | 22 | 160 | 22 | |

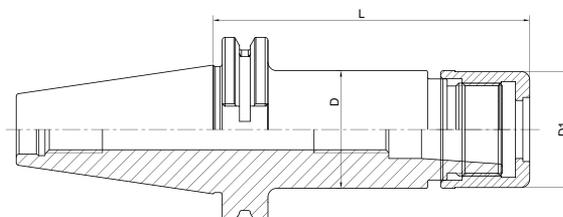
SK30 / SK50 disponibili in 20 giorni

High Speed SKS Collet Chuck

Mandrino SKS Alta velocità



| | | |
|---------------|-------------------|----|
| A ↗ ≤0.003 | RPM G2.5/25000 | AD |
|---------------|-------------------|----|



| Code | Size | Capacity | L | D | D1 | Euro |
|----------------|----------------|----------|-----|------|------|------|
| 402.03.10.HT | SK40-SKS10-60 | 2-10 | 60 | 27.5 | 27.1 | |
| 402.03.10.1.HT | SK40-SKS10-90 | 2-10 | 90 | 27.5 | 27.1 | |
| 402.03.10.2.HT | SK40-SKS10-120 | 2-10 | 120 | 27.5 | 27.1 | |
| 402.03.16.HT | SK40-SKS16-60 | 3-16 | 60 | 40.6 | 40 | |
| 402.03.16.1.HT | SK40-SKS16-90 | 3-16 | 90 | 40.6 | 40 | |
| 402.03.16.2.HT | SK40-SKS16-120 | 3-16 | 120 | 40.6 | 40 | |

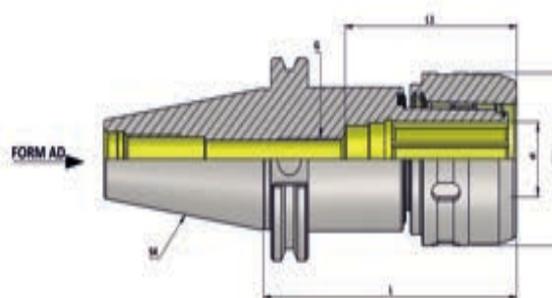
SK50 disponibili in 20 giorni

Power Milling Chuck

Mandrino Forte Serraggio



| | |
|---------------|----|
| A ↗ ≤0.008 | AD |
|---------------|----|

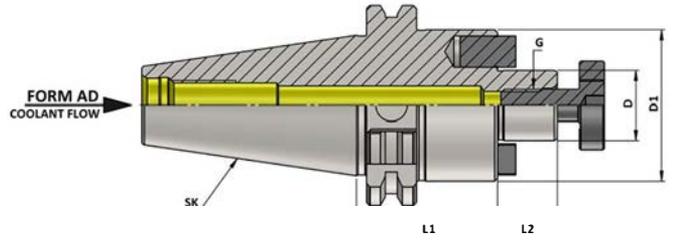
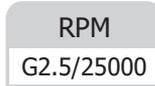


| Code | Size | Capacity | d | D | L | Euro |
|----------------|---------------|----------|----|----|-----|------|
| 403.64.20.S.HT | SK40-HC20-85 | 3-16 20 | 20 | 50 | 85 | |
| 403.64.25.S.HT | SK40-HC25-100 | 3-20 25 | 25 | 59 | 100 | |
| 403.64.32.S.HT | SK40-HC32-105 | 3-25 32 | 32 | 72 | 105 | |

SK50 disponibili in 5 giorni

Face Mill Holder

Mandrino Porta frese a trascinamento



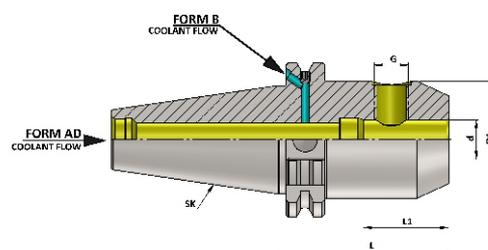
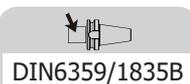
| Code | Size | d | D | L | L2 | G | Euro |
|----------------|----------------|----|----|-----|----|-----|------|
| 402.11.16.HT | SK40-FMH16-45 | 16 | 38 | 45 | 17 | M8 | ● |
| 402.11.22.HT | SK40-FMH22-45 | 22 | 48 | 45 | 19 | M10 | ● |
| 402.11.27.HT | SK40-FMH27-50 | 27 | 58 | 50 | 21 | M12 | ● |
| 402.11.32.HT | SK40-FMH32-55 | 32 | 78 | 55 | 24 | M16 | ● |
| 402.11.16.1.HT | SK40-FMH16-100 | 16 | 38 | 100 | 17 | M8 | ● |
| 402.11.22.1.HT | SK40-FMH22-100 | 22 | 48 | 100 | 19 | M10 | ● |
| 402.11.27.1.HT | SK40-FMH27-100 | 27 | 58 | 100 | 21 | M12 | ● |
| 402.11.32.1.HT | SK40-FMH32-100 | 32 | 78 | 100 | 24 | M16 | ● |

SK50 disponibili in 5 giorni
 AD/B disponibile in 5 giorni



End Mill Holder Weldon AD/B (AD/AF)

Mandrino Weldon AD/B (AD/AF)



| Code | Size | d | D | L | M | Screw Quantity | Euro | |
|----------------|---------------|----|----|-----|-----|----------------|------|---|
| 403.04.06.HT | SK40 WE06 050 | 6 | 25 | 50 | M6 | 1 | | ● |
| 403.04.08.HT | SK40 WE08 050 | 8 | 28 | 50 | M8 | 1 | | ● |
| 403.04.10.HT | SK40 WE10 063 | 10 | 35 | 50 | M10 | 1 | | ● |
| 403.04.12.HT | SK40 WE12 063 | 12 | 42 | 50 | M12 | 1 | | ● |
| 403.04.16.HT | SK40 WE16 063 | 16 | 48 | 63 | M14 | 1 | | ● |
| 403.04.20.HT | SK40 WE20 063 | 20 | 52 | 63 | M16 | 1 | | ● |
| 403.04.25.HT | SK40 WE25 100 | 25 | 56 | 100 | M18 | 2 | | ● |
| 403.04.32.HT | SK40 WE32 100 | 32 | 60 | 100 | M20 | 2 | | ● |
| 403.04.40.HT | SK40 WE40 115 | 40 | 80 | 115 | M20 | 2 | | ● |
| 403.04.06.1.HT | SK40 WE06 100 | 6 | 25 | 100 | M6 | 1 | | ● |
| 403.04.08.1.HT | SK40 WE08 100 | 8 | 28 | 100 | M8 | 1 | | ● |
| 403.04.10.1.HT | SK40 WE10 100 | 10 | 35 | 100 | M10 | 1 | | ● |
| 403.04.12.1.HT | SK40 WE12 100 | 12 | 42 | 100 | M12 | 1 | | ● |
| 403.04.16.1.HT | SK40 WE16 100 | 16 | 48 | 100 | M14 | 1 | | ● |
| 403.04.20.1.HT | SK40 WE20 100 | 20 | 52 | 100 | M16 | 1 | | ● |
| 403.04.25.1.HT | SK40 WE25 130 | 32 | 56 | 130 | M18 | 2 | | ● |
| 403.04.32.1.HT | SK40 WE32 130 | 25 | 60 | 130 | M20 | 2 | | ● |

SK50 disponibili in 5 giorni

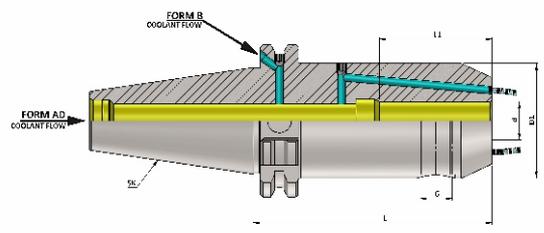


End Mill Holder with Coolant Channels AD+B (AD/AF)

Mandrino Weldon con lubrificazione frontale AD/AF



| | | | |
|---------------|------------|----------------|------|
| DIN6359/1835B | A ↗ ≤0.005 | RPM G2.5/25000 | AD/B |
|---------------|------------|----------------|------|

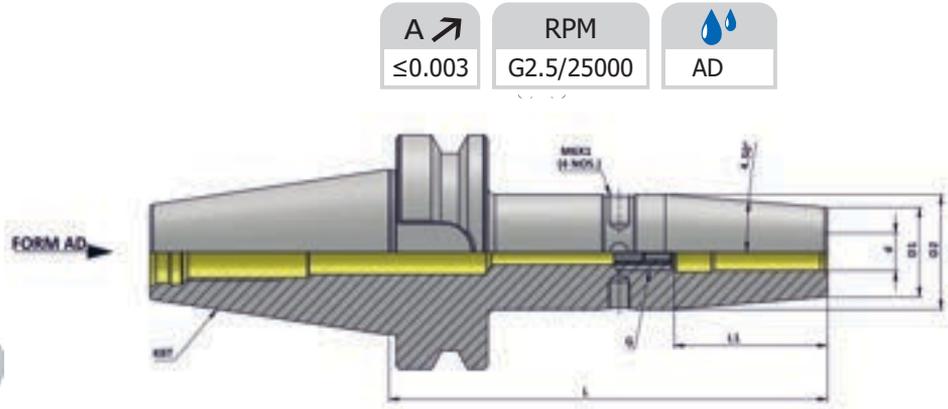


| Code | Size | d | D1 | D2 | G | L | L1 | L2 | Screw Q.ty | Euro |
|------------------|-----------------|----|----|----|-----|-----|----|----|------------|------|
| 403.04.06.K.HT | SK40 WE06 050 K | 6 | 25 | - | M6 | 50 | 34 | - | 1 | ● |
| 403.04.08.K.HT | SK40 WE08 050 K | 8 | 28 | - | M8 | 50 | 34 | - | 1 | ● |
| 403.04.10.K.HT | SK40 WE10 050 K | 10 | 35 | - | M10 | 50 | 40 | - | 1 | ● |
| 403.04.12.K.HT | SK40 WE12 050 K | 12 | 42 | - | M12 | 50 | 46 | - | 1 | ● |
| 403.04.16.K.HT | SK40 WE16 063 K | 16 | 48 | - | M14 | 63 | 48 | - | 1 | ● |
| 403.04.20.K.HT | SK40 WE20 063 K | 20 | 52 | - | M16 | 63 | 52 | - | 1 | ● |
| 403.04.06.1.K.HT | SK40 WE06 100 K | 6 | 25 | 36 | M6 | 100 | 34 | 40 | 1 | ● |
| 403.04.08.1.K.HT | SK40 WE08 100 K | 8 | 28 | 38 | M8 | 100 | 34 | 40 | 1 | ● |
| 403.04.10.1.K.HT | SK40 WE10 100 K | 10 | 35 | 40 | M10 | 100 | 40 | 40 | 1 | ● |
| 403.04.12.1.K.HT | SK40 WE12 100 K | 12 | 42 | - | M12 | 100 | 46 | - | 1 | ● |
| 403.04.16.1.K.HT | SK40 WE16 100 K | 16 | 48 | - | M14 | 100 | 48 | - | 1 | ● |
| 403.04.20.1.K.HT | SK40 WE20 100 K | 20 | 52 | - | M16 | 100 | 52 | - | 1 | ● |
| 403.04.06.2.K.HT | SK40 WE06 130 K | 6 | 25 | 36 | M6 | 130 | 34 | 50 | 1 | ◐ |
| 403.04.08.2.K.HT | SK40 WE08 130 K | 8 | 28 | 40 | M8 | 130 | 34 | 50 | 1 | ◐ |
| 403.04.10.2.K.HT | SK40 WE10 130 K | 10 | 35 | 40 | M10 | 130 | 40 | 50 | 1 | ◐ |
| 403.04.12.2.K.HT | SK40 WE12 130 K | 12 | 42 | - | M12 | 130 | 46 | - | 1 | ◐ |
| 403.04.16.2.K.HT | SK40 WE16 130 K | 16 | 48 | - | M14 | 130 | 48 | - | 1 | ◐ |
| 403.04.20.2.K.HT | SK40 WE20 130 K | 20 | 52 | - | M16 | 130 | 52 | - | 1 | ◐ |
| 403.04.06.3.K.HT | SK40 WE06 160 K | 6 | 25 | 36 | M6 | 160 | 34 | 80 | 1 | ◐ |
| 403.04.08.3.K.HT | SK40 WE08 160 K | 8 | 28 | 40 | M8 | 160 | 34 | 80 | 1 | ◐ |
| 403.04.10.3.K.HT | SK40 WE10 160 K | 10 | 35 | 40 | M10 | 160 | 40 | 80 | 1 | ◐ |
| 403.04.12.3.K.HT | SK40 WE12 160 K | 12 | 42 | - | M12 | 160 | 46 | - | 1 | ◐ |
| 403.04.16.3.K.HT | SK40 WE16 160 K | 16 | 48 | - | M14 | 160 | 48 | - | 1 | ◐ |
| 403.04.20.3.K.HT | SK40 WE20 160 K | 20 | 52 | - | M16 | 160 | 52 | - | 1 | ◐ |

SK50 disponibili in 5 giorni ●

Shrink Fit Chuck, 4.5°, Standard AD

Mandrino a Calettare 4,5° AD



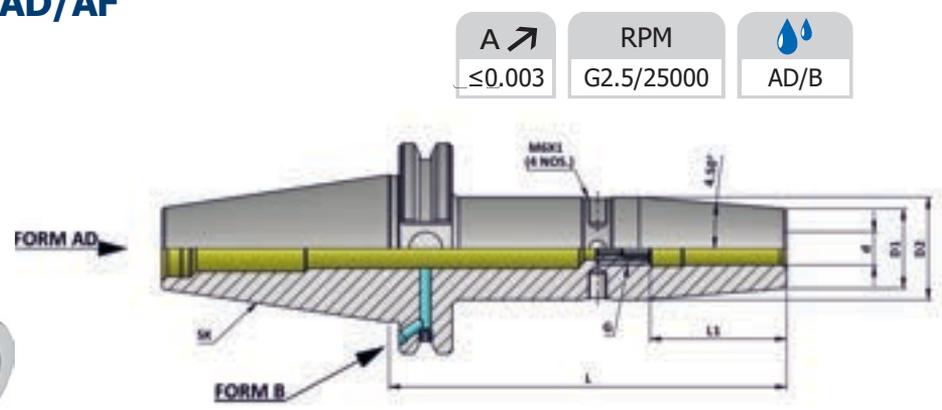
| Code | Size | d | D | D1 | L | L2 | L1 | G | Euro |
|----------------|---------------|----|----|----|-----|-------|----|-----|------|
| 402.70.03.HT | SK40-SF03-80 | 3 | 15 | 20 | 80 | 60.9 | - | - | |
| 402.70.04.HT | SK40-SF04-80 | 4 | 15 | 20 | 80 | 60.9 | - | - | |
| 402.70.06.HT | SK40-SF06-80 | 6 | 21 | 27 | 80 | 60.9 | 36 | M5 | |
| 402.70.08.HT | SK40-SF08-80 | 8 | 21 | 27 | 80 | 60.9 | 36 | M6 | |
| 402.70.10.HT | SK40-SF10-80 | 10 | 24 | 31 | 80 | 60.9 | 42 | M8 | |
| 402.70.12.HT | SK40-SF12-80 | 12 | 24 | 31 | 80 | 60.9 | 47 | M10 | |
| 402.70.16.HT | SK40-SF16-80 | 16 | 27 | 34 | 80 | 60.9 | 50 | M12 | |
| 402.70.20.HT | SK40-SF20-80 | 20 | 33 | 40 | 80 | 60.9 | 52 | M16 | |
| 402.70.03.1.HT | SK40-SF03-120 | 3 | 15 | 20 | 120 | 100.9 | - | - | |
| 402.70.04.1.HT | SK40-SF04-120 | 4 | 15 | 20 | 120 | 100.9 | - | - | |
| 402.70.06.1.HT | SK40-SF06-120 | 6 | 21 | 27 | 120 | 100.9 | 36 | M5 | |
| 402.70.08.1.HT | SK40-SF08-120 | 8 | 21 | 27 | 120 | 100.9 | 36 | M6 | |
| 402.70.10.1.HT | SK40-SF10-120 | 10 | 24 | 32 | 120 | 100.9 | 42 | M8 | |
| 402.70.12.1.HT | SK40-SF12-120 | 12 | 24 | 32 | 120 | 100.9 | 47 | M10 | |
| 402.70.16.1.HT | SK40-SF16-120 | 16 | 27 | 34 | 120 | 100.9 | 50 | M12 | |
| 402.70.20.1.HT | SK40-SF20-120 | 20 | 31 | 42 | 120 | 100.9 | 52 | M16 | |

Lunghezze 160mm e 200mm Disponibile in 20 giorni

Shrink Fit Chuck, 4.5°, Standard AD/AF (AD/B)

Mandrino a calettare 4,5° AD/AF

Tool Holder DIN 69871

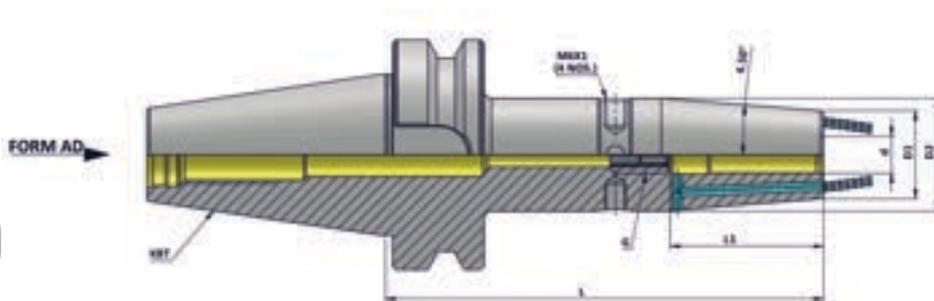


| Code | Size | d | D | D1 | L | L2 | L1 | G | Euro |
|----------------|---------------|----|----|----|-----|-------|----|-----|------|
| 403.70.03.HT | SK40-SF03-80 | 3 | 10 | 20 | 80 | 60.9 | 12 | — | ● |
| 403.70.04.HT | SK40-SF04-80 | 4 | 15 | 22 | 80 | 60.9 | 14 | — | ● |
| 403.70.06.HT | SK40-SF06-80 | 6 | 21 | 27 | 80 | 60.9 | 36 | M5 | ● |
| 403.70.08.HT | SK40-SF08-80 | 8 | 21 | 27 | 80 | 60.9 | 36 | M6 | ● |
| 403.70.10.HT | SK40-SF10-80 | 10 | 24 | 31 | 80 | 60.9 | 41 | M8 | ● |
| 403.70.12.HT | SK40-SF12-80 | 12 | 24 | 31 | 80 | 60.9 | 46 | M10 | ● |
| 403.70.16.HT | SK40-SF16-80 | 16 | 27 | 34 | 80 | 60.9 | 49 | M12 | ● |
| 403.70.20.HT | SK40-SF20-80 | 20 | 33 | 40 | 80 | 60.9 | 51 | M16 | ● |
| 403.70.03.1.HT | SK40-SF03-120 | 3 | 10 | 20 | 120 | 100.9 | 12 | — | ● |
| 403.70.04.1.HT | SK40-SF04-120 | 4 | 15 | 22 | 120 | 100.9 | 14 | — | ● |
| 403.70.06.1.HT | SK40-SF06-120 | 6 | 21 | 27 | 120 | 100.9 | 36 | M5 | ● |
| 403.70.08.1.HT | SK40-SF08-120 | 8 | 21 | 27 | 120 | 100.9 | 36 | M6 | ● |
| 403.70.10.1.HT | SK40-SF10-120 | 10 | 24 | 31 | 120 | 100.9 | 41 | M8 | ● |
| 403.70.12.1.HT | SK40-SF12-120 | 12 | 24 | 31 | 120 | 100.9 | 46 | M10 | ● |
| 403.70.16.1.HT | SK40-SF16-120 | 16 | 27 | 34 | 120 | 100.9 | 49 | M12 | ● |
| 403.70.20.1.HT | SK40-SF20-120 | 20 | 33 | 40 | 120 | 100.9 | 51 | M16 | ● |

Lunghezze 160mm e 200mm Disponibile in 5 giorni ●

Shrink Fit Chuck, 4.5°, Coolant AD**Mandrino a Calettare, 4,5° - 2 fori di lub. AD**A ↗
≤0.003RPM
G2.5/25000

AD



| Code | Size | d | D | D1 | L | L2 | L1 | G | Euro |
|------------------|----------------|----|----|----|-----|-------|----|-------|------|
| 402.70.03.K.HT | SK40-SF03-80K | 3 | 15 | 20 | 80 | 60.9 | - | - | 🇮🇹 |
| 402.70.04.K.HT | SK40-SF04-80K | 4 | 15 | 20 | 80 | 60.9 | - | - | 🇮🇹 |
| 402.70.06.K.HT | SK40-SF06-80K | 6 | 21 | 27 | 80 | 60.9 | 36 | M5 | 🇮🇹 |
| 402.70.08.K.HT | SK40-SF08-80K | 8 | 21 | 27 | 80 | 60.9 | 36 | M6 | 🇮🇹 |
| 402.70.10.K.HT | SK40-SF10-80K | 10 | 24 | 32 | 80 | 60.9 | 42 | M8x1 | 🇮🇹 |
| 402.70.12.K.HT | SK40-SF12-80K | 12 | 24 | 32 | 80 | 60.9 | 47 | M10x1 | 🇮🇹 |
| 402.70.16.K.HT | SK40-SF16-80K | 16 | 27 | 34 | 80 | 60.9 | 50 | M12x1 | 🇮🇹 |
| 402.70.20.K.HT | SK40-SF20-80K | 20 | 33 | 42 | 80 | 60.9 | 52 | M16x1 | 🇮🇹 |
| 402.70.06.1.K.HT | SK40-SF06-120K | 6 | 21 | 27 | 120 | 100.9 | 36 | M5 | 🇮🇹 |
| 402.70.08.1.K.HT | SK40-SF08-120K | 8 | 21 | 27 | 120 | 100.9 | 36 | M6 | 🇮🇹 |
| 402.70.10.1.K.HT | SK40-SF10-120K | 10 | 24 | 32 | 120 | 100.9 | 42 | M8x1 | 🇮🇹 |
| 402.70.12.1.K.HT | SK40-SF12-120K | 12 | 24 | 32 | 120 | 100.9 | 47 | M10x1 | 🇮🇹 |
| 402.70.16.1.K.HT | SK40-SF16-120K | 16 | 27 | 34 | 120 | 100.9 | 50 | M12x1 | 🇮🇹 |
| 402.70.20.1.K.HT | SK40-SF20-120K | 20 | 33 | 42 | 120 | 100.9 | 52 | M16x1 | 🇮🇹 |

Lunghezze 160mm Disponibile in 20 giorni 🇮🇹

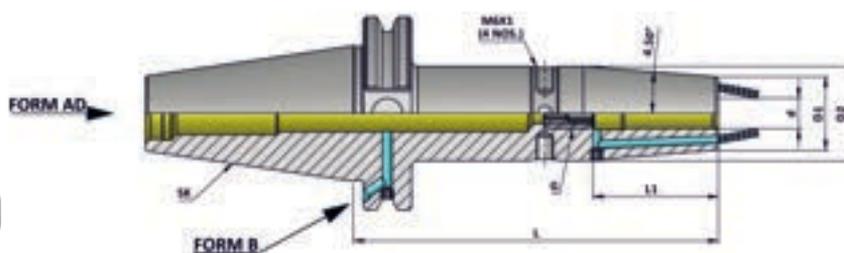
Shrink Fit Chuck, 4.5°, Coolant AD/AF (AD/B)

Mandrino a Calettare, 4,5°-2 fori lub. AD/AF (AD/B)

A ↗
≤0.003

RPM
G2.5/25000

AD/B



| Code | Size | d | D | D1 | L | L2 | L1 | G | Euro |
|------------------|----------------|----|----|----|-----|-------|----|-------|------|
| 403.70.03.K.HT | SK40-SF03-80K | 3 | 10 | 20 | 80 | 60.9 | 12 | - | ● |
| 403.70.04.K.HT | SK40-SF04-80K | 4 | 15 | 22 | 80 | 60.9 | 14 | - | ● |
| 403.70.06.K.HT | SK40-SF06-80K | 6 | 21 | 27 | 80 | 60.9 | 36 | M5 | ● |
| 403.70.08.K.HT | SK40-SF08-80K | 8 | 21 | 27 | 80 | 60.9 | 36 | M6 | ● |
| 403.70.10.K.HT | SK40-SF10-80K | 10 | 24 | 31 | 80 | 60.9 | 41 | M8x1 | ● |
| 403.70.12.K.HT | SK40-SF12-80K | 12 | 24 | 31 | 80 | 60.9 | 46 | M10x1 | ● |
| 403.70.16.K.HT | SK40-SF16-80K | 16 | 27 | 34 | 80 | 60.9 | 49 | M12x1 | ● |
| 403.70.20.K.HT | SK40-SF20-80K | 20 | 33 | 40 | 80 | 60.9 | 51 | M16x1 | ● |
| 403.70.03.1.K.HT | SK40-SF03-120K | 3 | 10 | 20 | 120 | 100.9 | 12 | - | ● |
| 403.70.04.1.K.HT | SK40-SF04-120K | 4 | 15 | 22 | 120 | 100.9 | 14 | - | ● |
| 403.70.06.1.K.HT | SK40-SF06-120K | 6 | 21 | 27 | 120 | 100.9 | 36 | M5 | ● |
| 403.70.08.1.K.HT | SK40-SF08-120K | 8 | 21 | 27 | 120 | 100.9 | 36 | M6 | ● |
| 403.70.10.1.K.HT | SK40-SF10-120K | 10 | 24 | 31 | 120 | 100.9 | 41 | M8x1 | ● |
| 403.70.12.1.K.HT | SK40-SF12-120K | 12 | 24 | 31 | 120 | 100.9 | 46 | M10x1 | ● |
| 403.70.16.1.K.HT | SK40-SF16-120K | 16 | 27 | 34 | 120 | 100.9 | 49 | M12x1 | ● |
| 403.70.20.1.K.HT | SK40-SF20-120K | 20 | 33 | 40 | 120 | 100.9 | 51 | M16x1 | ● |

Lunghezze 160mm Disponibile in 20 giorni 🕒

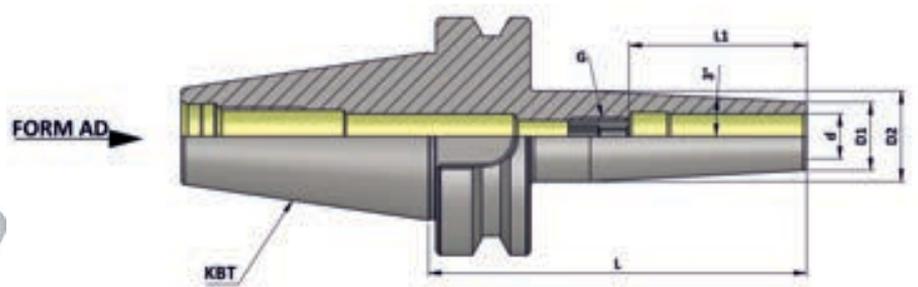
Shrink Fit Chuck, Series SLIM 3°AD

Mandrino a Calettare, SLIM 3° AD

A ↗
≤0.003

RPM
G2.5/25000

AD



| Code | Size | d | D | D1 | L | L1 | G | Euro |
|----------------|----------------|----|----|------|-----|----|-------|------|
| 402.72.03.HT | SK40-SFS03-80 | 3 | 9 | 16.1 | 80 | - | - | |
| 402.72.04.HT | SK40-SFS04-80 | 4 | 10 | 17.1 | 80 | - | - | |
| 402.72.06.HT | SK40-SFS06-80 | 6 | 12 | 19.1 | 80 | 36 | M5 | |
| 402.72.08.HT | SK40-SFS08-80 | 8 | 14 | 21.1 | 80 | 36 | M6 | |
| 402.72.10.HT | SK40-SFS10-80 | 10 | 16 | 23.1 | 80 | 42 | M8x1 | |
| 402.72.12.HT | SK40-SFS12-80 | 12 | 18 | 25.1 | 80 | 47 | M10x1 | |
| 402.72.16.HT | SK40-SFS16-80 | 16 | 22 | 29.1 | 80 | 50 | M12x1 | |
| 402.72.03.1.HT | SK40-SFS03-120 | 3 | 9 | 19.1 | 120 | - | - | |
| 402.72.04.1.HT | SK40-SFS04-120 | 4 | 10 | 20.1 | 120 | - | - | |
| 402.72.06.1.HT | SK40-SFS06-120 | 6 | 12 | 22.1 | 120 | 36 | M5 | |
| 402.72.08.1.HT | SK40-SFS08-120 | 8 | 14 | 24.1 | 120 | 36 | M6 | |
| 402.72.10.1.HT | SK40-SFS10-120 | 10 | 16 | 26.1 | 120 | 42 | M8x1 | |
| 402.72.12.1.HT | SK40-SFS12-120 | 12 | 18 | 28.1 | 120 | 47 | M10x1 | |
| 402.72.16.1.HT | SK40-SFS16-120 | 16 | 22 | 32.1 | 120 | 50 | M12x1 | |

Lunghezze 160mm Disponibile in 5 giorni ●

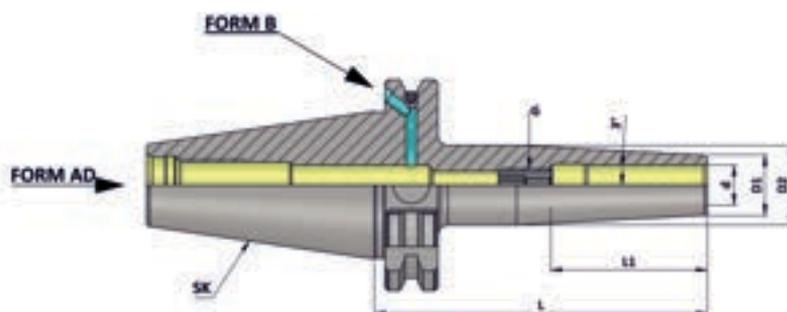
Shrink Fit Chuck, Series SLIM 3° AD/AF (AD/B)

Mandrino a Calettare, SLIM 3° AD/AF (AD/B)

A ↗
≤0.003

RPM
G2.5/25000

AD/B



| Code | Size | d | D | D1 | L | L1 | G | Euro |
|----------------|----------------|----|----|----|-----|----|-----|------|
| 403.72.03.HT | SK40-SFS03-80 | 3 | 9 | 14 | 80 | 12 | — | ● |
| 403.72.04.HT | SK40-SFS04-80 | 4 | 10 | 15 | 80 | 14 | — | ● |
| 403.72.06.HT | SK40-SFS06-80 | 6 | 12 | 17 | 80 | 36 | M5 | ● |
| 403.72.08.HT | SK40-SFS08-80 | 8 | 14 | 19 | 80 | 36 | M6 | ● |
| 403.72.10.HT | SK40-SFS10-80 | 10 | 16 | 21 | 80 | 41 | M8 | ● |
| 403.72.12.HT | SK40-SFS12-80 | 12 | 18 | 23 | 80 | 46 | M10 | ● |
| 403.72.16.HT | SK40-SFS16-80 | 16 | 22 | 28 | 80 | 49 | M12 | ● |
| 403.72.03.1.HT | SK40-SFS03-120 | 3 | 9 | 18 | 120 | 12 | — | ● |
| 403.72.04.1.HT | SK40-SFS04-120 | 4 | 10 | 19 | 120 | 14 | — | ● |
| 403.72.06.1.HT | SK40-SFS06-120 | 6 | 12 | 21 | 120 | 36 | M5 | ● |
| 403.72.08.1.HT | SK40-SFS08-120 | 8 | 14 | 23 | 120 | 36 | M6 | ● |
| 403.72.10.1.HT | SK40-SFS10-120 | 10 | 16 | 25 | 120 | 41 | M8 | ● |
| 403.72.12.1.HT | SK40-SFS12-120 | 12 | 18 | 27 | 120 | 46 | M10 | ● |
| 403.72.16.1.HT | SK40-SFS16-120 | 16 | 22 | 31 | 120 | 49 | M12 | ● |

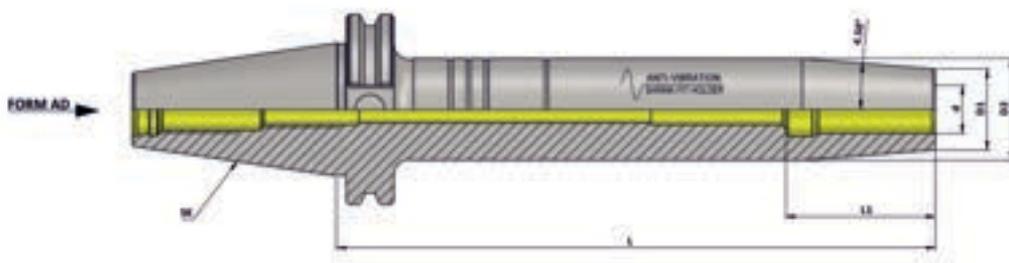
Lunghezze 160mm Disponibile in 5 giorni ●

Shrink Fit Holder Anti-Vibration 4.5° AD

Mandrino a Calettare Anti vibrante 4,5° AD

A ↗
≤0.01

AD



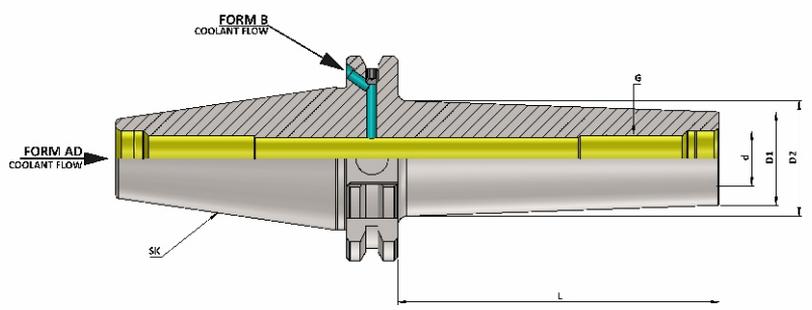
| Code | Size | d | D2 | D1 | L | L1 | Euro |
|----------------|----------------------|----|----|----|-----|----|------|
| 403.75.16.HT | SK40 SFH16 200 AD/AV | 16 | 27 | 34 | 200 | 49 | ● |
| 403.75.16.1.HT | SK40 SFH16 250 AD/AV | 16 | 27 | 34 | 250 | 49 | ● |
| 403.75.16.2.HT | SK40 SFH16 300 AD/AV | 16 | 27 | 34 | 300 | 49 | ● |
| 403.75.20.HT | SK40 SFH20 200 AD/AV | 20 | 33 | 40 | 200 | 51 | ● |
| 403.75.20.1.HT | SK40 SFH20 250 AD/AV | 20 | 33 | 40 | 250 | 51 | ● |
| 403.75.20.2.HT | SK40 SFH20 300 AD/AV | 20 | 33 | 40 | 300 | 51 | ● |
| 403.75.25.HT | SK40 SFH25 200 AD/AV | 25 | 44 | 53 | 200 | 57 | ● |
| 403.75.25.1.HT | SK40 SFH25 250 AD/AV | 25 | 44 | 53 | 250 | 57 | ● |
| 403.75.25.2.HT | SK40 SFH25 300 AD/AV | 25 | 44 | 53 | 300 | 57 | ● |
| 403.75.32.HT | SK40 SFH32 200 AD/AV | 32 | 44 | 53 | 200 | 61 | ● |
| 403.75.32.1.HT | SK40 SFH32 250 AD/AV | 32 | 44 | 53 | 250 | 61 | ● |
| 403.75.32.2.HT | SK40 SFH32 300 AD/AV | 32 | 44 | 53 | 300 | 61 | ● |



Milling Cutter Arbor (AD+B)(AD/AF)

Mandrino per testine fill. (AD+B)(AD/AF)

| | | |
|---------------|-------------------|------|
| A ↗ ≤0.003 | RPM G2.5/25000 | AD/B |
|---------------|-------------------|------|



| Code | Size | d | D1 | D2 | G | L | Euro |
|----------------|----------------|------|----|------|-----|-----|------|
| 403.06.06.HT | SK40 MCA06 025 | 6.5 | 10 | 13 | M6 | 25 | ● |
| 403.06.06.1.HT | SK40 MCA06 050 | 6.5 | 10 | 20 | M6 | 50 | ● |
| 403.06.06.2.HT | SK40 MCA06 075 | 6.5 | 10 | 23 | M6 | 75 | ● |
| 403.06.08.HT | SK40 MCA08 025 | 8.5 | 13 | 15 | M8 | 25 | ● |
| 403.06.08.1.HT | SK40 MCA08 050 | 8.5 | 13 | 23 | M8 | 50 | ● |
| 403.06.08.2.HT | SK40 MCA08 075 | 8.5 | 13 | 23 | M8 | 75 | ● |
| 403.06.08.3.HT | SK40 MCA08 100 | 8.5 | 13 | 25 | M8 | 100 | ● |
| 403.06.10.HT | SK40 MCA10 025 | 10.5 | 18 | 20 | M10 | 25 | ● |
| 403.06.10.1.HT | SK40 MCA10 050 | 10.5 | 18 | 23 | M10 | 50 | ● |
| 403.06.10.2.HT | SK40 MCA10 075 | 10.5 | 18 | 28 | M10 | 75 | ● |
| 403.06.10.3.HT | SK40 MCA10 100 | 10.5 | 18 | 32 | M10 | 100 | ● |
| 403.06.12.HT | SK40 MCA12 025 | 12.5 | 21 | 24 | M12 | 25 | ● |
| 403.06.12.1.HT | SK40 MCA12 050 | 12.5 | 21 | 24 | M12 | 50 | ● |
| 403.06.12.2.HT | SK40 MCA12 075 | 12.5 | 21 | 31 | M12 | 75 | ● |
| 403.06.12.3.HT | SK40 MCA12 100 | 12.5 | 21 | 33 | M12 | 100 | ● |
| 403.06.12.4.HT | SK40 MCA12 125 | 12.5 | 21 | 36 | M12 | 125 | ● |
| 403.06.12.HT | SK40 MCA16 025 | 17.0 | 29 | 29 | M16 | 25 | ● |
| 403.06.16.1.HT | SK40 MCA16 050 | 17.0 | 29 | 34 | M16 | 50 | ● |
| 403.06.16.2.HT | SK40 MCA16 075 | 17.0 | 29 | 34 | M16 | 75 | ● |
| 403.06.16.3.HT | SK40 MCA16 100 | 17.0 | 29 | 36 | M16 | 100 | ● |
| 403.06.16.4.HT | SK40 MCA16 125 | 17.0 | 29 | 40 | M16 | 125 | ● |
| 403.06.16.5.HT | SK40 MCA16 150 | 17.0 | 29 | 42.5 | M16 | 150 | ● |

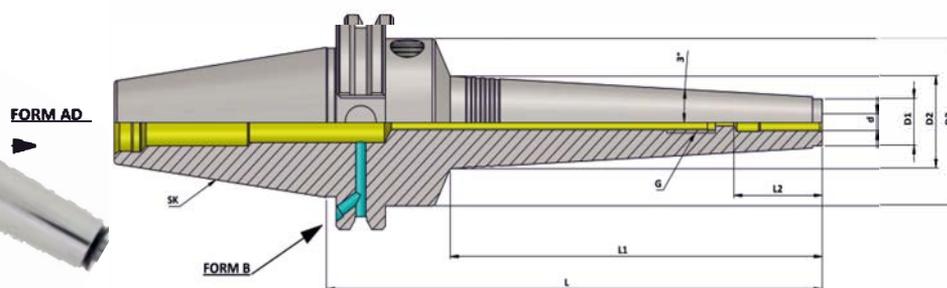
Hydraulic Expansion Chuck SLIM 3° AD/AF

Mandrino Idraulico SLIM 3° AD/AF

A ↗
≤0.003

RPM
G2.5/25000

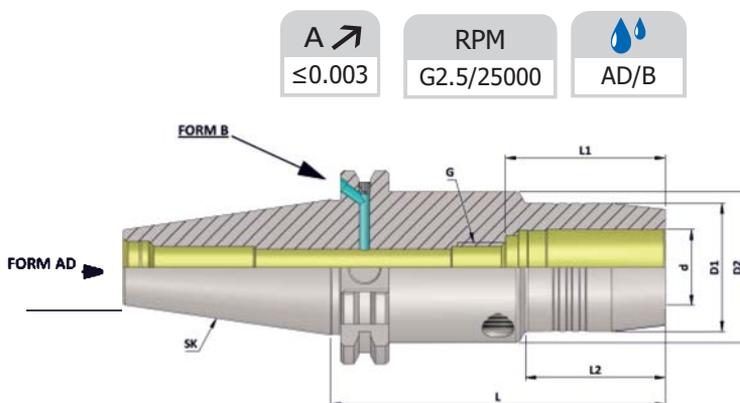
AD/F



| Code | Description | d | D1 | D2 | D3 | G | L | L1 | L2 | Euro |
|-------------------|-------------------|----|----|------|------|-----|-----|-----|----|------|
| 403.H03.075.SL.HT | SK40 H03 075 SLIM | 3 | 11 | 14.0 | 46 | - | 75 | 28 | 28 | ● |
| 403.H03.090.SL.HT | SK40 H03 090 SLIM | 3 | 11 | 14.9 | 46 | - | 90 | 37 | 28 | ● |
| 403.H03.135.SL.HT | SK40 H03 135 SLIM | 3 | 11 | 19.9 | 46 | - | 135 | 84 | 28 | ● |
| 403.H04.075.SL.HT | SK40 H04 075 SLIM | 4 | 11 | 14.0 | 46 | - | 75 | 28 | 28 | ● |
| 403.H04.090.SL.HT | SK40 H04 090 SLIM | 4 | 11 | 14.9 | 46 | - | 90 | 37 | 28 | ● |
| 403.H04.135.SL.HT | SK40 H04 135 SLIM | 4 | 11 | 19.9 | 46 | - | 135 | 84 | 28 | ● |
| 403.H06.090.SL.HT | SK40 H06 090 SLIM | 6 | 13 | 17.0 | 46 | M5 | 90 | 38 | 37 | ● |
| 403.H06.135.SL.HT | SK40 H06 135 SLIM | 6 | 13 | 21.9 | 46 | M5 | 135 | 84 | 37 | ● |
| 403.H06.150.SL.HT | SK40 H06 150 SLIM | 6 | 13 | 23.4 | 46 | M5 | 150 | 99 | 37 | ● |
| 403.H06.165.SL.HT | SK40 H06 165 SLIM | 6 | 13 | 25.0 | 46 | M5 | 165 | 114 | 37 | ● |
| 403.H06.180.SL.HT | SK40 H06 180 SLIM | 6 | 13 | 26.7 | 46 | M5 | 180 | 130 | 37 | ● |
| 403.H08.090.SL.HT | SK40 H08 090 SLIM | 8 | 15 | 19.0 | 46 | M6 | 90 | 38 | 37 | ● |
| 403.H08.135.SL.HT | SK40 H08 135 SLIM | 8 | 15 | 23.9 | 46 | M6 | 135 | 84 | 37 | ● |
| 403.H08.150.SL.HT | SK40 H08 150 SLIM | 8 | 15 | 25.4 | 46 | M6 | 150 | 99 | 37 | ● |
| 403.H08.165.SL.HT | SK40 H08 165 SLIM | 8 | 15 | 27.0 | 46 | M6 | 165 | 114 | 37 | ● |
| 403.H08.180.SL.HT | SK40 H08 180 SLIM | 8 | 15 | 28.7 | 46 | M6 | 180 | 130 | 37 | ● |
| 403.H10.105.SL.HT | SK40 H10 105 SLIM | 10 | 17 | 22.6 | 46 | MS | 105 | 53 | 41 | ● |
| 403.H10.135.SL.HT | SK40 H10 135 SLIM | 10 | 17 | 25.9 | 46 | MS | 135 | 84 | 41 | ● |
| 403.H10.150.SL.HT | SK40 H10 150 SLIM | 10 | 17 | 27.4 | 46 | MS | 150 | 99 | 41 | ● |
| 403.H10.165.SL.HT | SK40 H10 165 SLIM | 10 | 17 | 29.0 | 46 | MS | 165 | 114 | 41 | ● |
| 403.H10.180.SL.HT | SK40 H10 180 SLIM | 10 | 17 | 30.7 | 46 | MS | 180 | 130 | 41 | ● |
| 403.H12.105.SL.HT | SK40 H12 105 SLIM | 12 | 19 | 24.6 | 46 | MS | 105 | 53 | 46 | ● |
| 403.H12.135.SL.HT | SK40 H12 135 SLIM | 12 | 19 | 27.9 | 46 | MS | 135 | 84 | 46 | ● |
| 403.H12.150.SL.HT | SK40 H12 150 SLIM | 12 | 19 | 29.4 | 46 | MS | 150 | 99 | 46 | ● |
| 403.H12.165.SL.HT | SK40 H12 165 SLIM | 12 | 19 | 31.0 | 46 | MS | 165 | 114 | 46 | ● |
| 403.H12.180.SL.HT | SK40 H12 180 SLIM | 12 | 19 | 32.7 | 46 | MS | 180 | 130 | 46 | ● |
| 403.H16.135.SL.HT | SK40 H16 135 SLIM | 16 | 23 | 31.9 | 52.5 | M12 | 135 | 84 | 49 | ● |
| 403.H16.165.SL.HT | SK40 H16 165 SLIM | 16 | 23 | 35.0 | 52.5 | M12 | 165 | 114 | 49 | ● |
| 403.H16.180.SL.HT | SK40 H16 180 SLIM | 16 | 23 | 36.6 | 52.5 | M12 | 180 | 129 | 49 | ● |
| 403.H20.135.SL.HT | SK40 H20 135 SLIM | 20 | 28 | 36.9 | 60 | M16 | 135 | 84 | 51 | ● |
| 403.H20.165.SL.HT | SK40 H20 165 SLIM | 20 | 28 | 40.0 | 60 | M16 | 165 | 114 | 51 | ● |
| 403.H20.180.SL.HT | SK40 H20 180 SLIM | 20 | 28 | 41.6 | 60 | M16 | 180 | 129 | 51 | ● |

Hydraulic Expansion Chuck AD/AF

Mandrino Idraulico AD/AF



| | | |
|---------------|-------------------|------|
| A ↗ ≤0.003 | RPM G2.5/25000 | AD/B |
|---------------|-------------------|------|

Tool Holder DIN 69871

| Code | Description | d | D1 | D2 | G | L | L1 | L2 | Euro |
|------------------|---------------|----|----|------|-----|------|----|------|------|
| 403.H.06.80.5.HT | SK40 H06 80.5 | 6 | 26 | 49.5 | M5 | 80.5 | 37 | 29.5 | ● |
| 403.H.06.110.HT | SK40 H06 110 | 6 | 26 | 49.5 | M5 | 110 | 37 | 29 | ● |
| 403.H.08.80.5.HT | SK40 H08 80.5 | 8 | 28 | 49.5 | M6 | 80.5 | 37 | 30 | ● |
| 403.H.08.110.HT | SK40 H08 110 | 8 | 28 | 49.5 | M6 | 110 | 37 | 30 | ● |
| 403.H.10.80.5.HT | SK40 H10 80.5 | 10 | 30 | 49.5 | MB | 80.5 | 41 | 35 | ● |
| 403.H.10.110.HT | SK40 H10 110 | 10 | 30 | 49.5 | MB | 110 | 41 | 35 | ● |
| 403.H.12.80.5.HT | SK40 H12 80.5 | 12 | 32 | 49.5 | M10 | 80.5 | 46 | 40 | ● |
| 403.H.12.110.HT | SK40 H12 110 | 12 | 32 | 49.5 | M10 | 110 | 46 | 40 | ● |
| 403.H.14.80.5.HT | SK40 H14 80.5 | 14 | 34 | 49.5 | M10 | 80.5 | 46 | 40 | ● |
| 403.H.14.110.HT | SK40 H14 110 | 14 | 34 | 49.5 | M10 | 110 | 46 | 40 | ● |
| 403.H.16.80.5.HT | SK40 H16 80.5 | 16 | 38 | 49.5 | M12 | 80.5 | 49 | 45 | ● |
| 403.H.16.110.HT | SK40 H16 110 | 16 | 38 | 49.5 | M12 | 110 | 49 | 45 | ● |
| 403.H.18.80.5.HT | SK40 H18 80.5 | 18 | 40 | 49.5 | M12 | 80.5 | 49 | 46 | ● |
| 403.H.18.110.HT | SK40 H18 110 | 18 | 40 | 49.5 | M12 | 110 | 49 | 46 | ● |
| 403.H.20.80.5.HT | SK40 H20 80.5 | 20 | 42 | 49.5 | M16 | 80.5 | 51 | 47 | ● |
| 403.H.20.110.HT | SK40 H20 110 | 20 | 42 | 49.5 | M16 | 110 | 51 | 47 | ● |
| 403.H.25.095.HT | SK40 H25 095 | 25 | 55 | 63 | M16 | 95 | 57 | 28 | ● |
| 403.H.25.110.HT | SK40 H25 110 | 25 | 55 | 63 | M16 | 110 | 57 | 28 | ● |
| 403.H.32.095.HT | SK40 H32 095 | 32 | 63 | 70 | M16 | 95 | 61 | 25.5 | ● |
| 403.H.32.110.HT | SK40 H32 110 | 32 | 63 | 59 | M16 | 110 | 61 | 59 | ● |

Hydraulic Collet Set

Set Mandrino idraulico con riduzioni

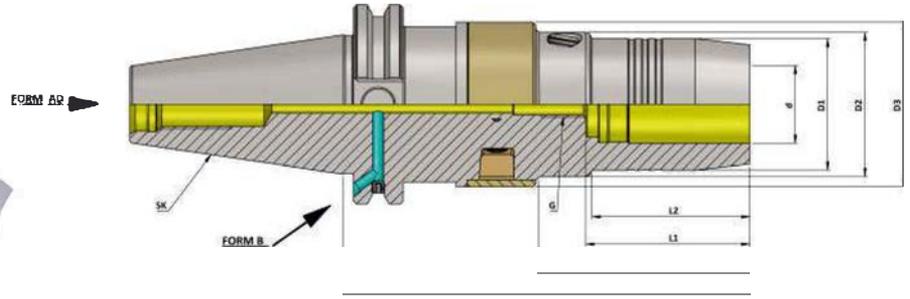


| Code | Hydraulic chuck | Hydraulic Collet | Collet Quantity | key Size | Euro |
|------------|-----------------|-------------------|-----------------|----------|----------|
| 403.H20SRD | SK40-H20-80.5 | HY20-6.8.10.12.16 | 5pcs | 5L | 518,00 € |

Hydraulic Expansion Chuck with "Run Out" adjustment

Mandrino Idraulico con regolazione assiale

| | | |
|----------------------|-------------------|---|
| A ↗ ≤0.003 | RPM G2.5/25000 |  AD |
|----------------------|-------------------|---|



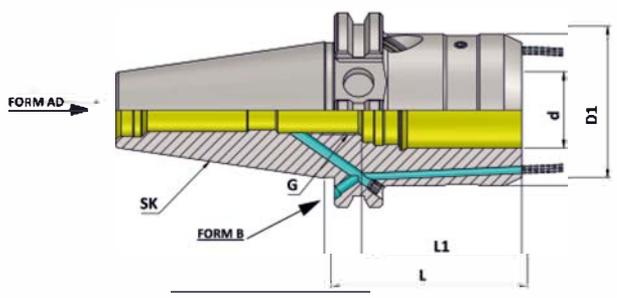
| Code | Description | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 | Euro |
|---------------|--------------|----|----|----|------|----|-----|----|----|------|--|
| 403.H20.RA.HT | SK40 H20 130 | 20 | 42 | 46 | 52.5 | MB | 130 | 51 | 50 | 67.5 |  |
| 403.H32.RA.HT | SK40 H32 150 | 32 | 42 | 46 | 52.5 | MB | 150 | 51 | 50 | 67.5 |  |
| 503.H20.RA.HT | SK50 H20 110 | 20 | 42 | 46 | 52.5 | MB | 110 | 51 | 50 | 67.5 |  |
| 503.H32.RA.HT | SK50 H32 125 | 32 | 42 | 46 | 52.5 | MB | 125 | 51 | 50 | 67.5 |  |

Hydraulic Expansion Chuck Heavy Duty power AD/AF

**HEAVY DUTY
POWER**

Mandrino Idraulico per impieghi gravosi AD/AF

| | | |
|----------------------|-------------------|---|
| A ↗ ≤0.003 | RPM G2.5/25000 |  AD/B |
|----------------------|-------------------|---|



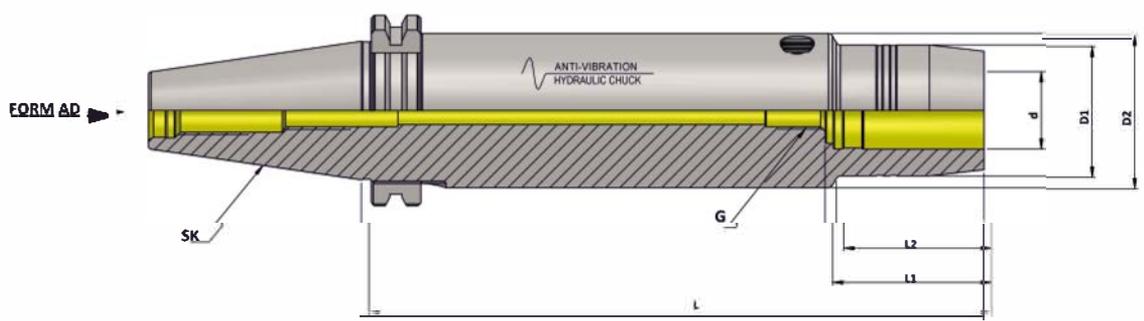
| Code | Description | d | D1 | G | L | L1 | Euro |
|---------------|--------------------|----|----|-----|------|----|---|
| 403.H12.HD.HT | SK40 H12S 050 FCC | 12 | 42 | M10 | 50 | 40 |  |
| 403.H20.HD.HT | SK40 H20S 64.5 FCC | 20 | 50 | M10 | 64.5 | 42 |  |
| 503.H12.HD.HT | SK50 H12S 50.5 FCC | 12 | 42 | M10 | 50.5 | 40 |  |
| 503.H20.HD.HT | SK50 H20S 64.5 FCC | 20 | 50 | M16 | 64.5 | 42 |  |
| 503.H32.HD.HT | SK50 H32S 81.0 FCC | 32 | 72 | M16 | 81 | 55 |  |

Hydraulic Expansion Chuck Anti - Vibration AD

Mandrino Idraulico Anti vibrante AD

A ↗
≤0.003

AD

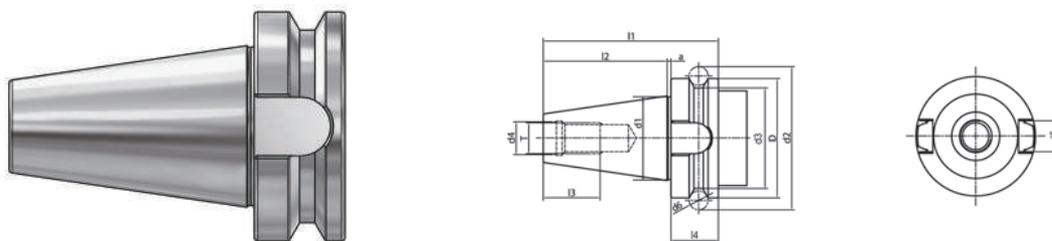


| Code | Description | d | D1 | D2 | G | L | L1 | L2 | Euro |
|-------------------|--------------------|----|----|------|-----|-----|----|----|------|
| 403.H20 200.AV.HT | SK40 H20 200 AD/AV | 20 | 42 | 49.5 | M16 | 200 | 51 | 47 | ● |
| 403.H20 250.AV.HT | SK40 H20 250 AD/AV | 20 | 42 | 49.5 | M16 | 250 | 51 | 47 | ● |
| 403.H20 300.AV.HT | SK40 H20 300 AD/AV | 20 | 42 | 49.5 | M16 | 300 | 51 | 47 | ● |
| 403.H25 200.AV.HT | SK40 H25 200 AD/AV | 25 | 52 | 55 | M16 | 200 | 57 | 50 | ● |
| 403.H25 250.AV.HT | SK40 H25 250 AD/AV | 25 | 52 | 55 | M16 | 250 | 57 | 50 | ● |
| 403.H25 300.AV.HT | SK40 H25 300 AD/AV | 25 | 52 | 55 | M16 | 300 | 57 | 50 | ● |
| 403.H32 200.AV.HT | SK40 H32 200 AD/AV | 32 | 62 | 63 | M16 | 200 | 61 | 48 | ● |
| 403.H32 250.AV.HT | SK40 H32 250 AD/AV | 32 | 62 | 63 | M16 | 250 | 61 | 48 | ● |
| 403.H32 300.AV.HT | SK40 H32 300 AD/AV | 32 | 62 | 63 | M16 | 300 | 61 | 48 | ● |



BT Taper Standard

Cono BT standard



| Size | D | d1 | d2 | d3 | d4 | d5 | d6 | l1 | l2 | l3 | l4 | a | T |
|------|-----|-------|---------|----|------|------|----|-------|-------|----|----|---|----------|
| BT30 | 46 | 31.75 | 56.144 | 38 | 12.5 | 16.1 | 8 | 70.4 | 48.4 | 24 | 20 | 2 | M12*1.75 |
| BT40 | 63 | 44.45 | 75.679 | 53 | 17 | 16. | 10 | 92.4 | 65.4 | 30 | 25 | 2 | M16*2.0 |
| BT50 | 100 | 69.85 | 119.019 | 85 | 25 | 25.7 | 15 | 139.8 | 101.8 | 45 | 35 | 3 | M24*3.0 |

Taper standard/Standard cono: JIS B 6339 MAS BT

Material/Materiale: Alloyed case hardened steel/acciaio legato temprato

Surface Treatment/rattamento superficiale Blackening and Bright/annerimento e lucidatura

Taper tolerance/Tolleranza conica AT3

Hardness/Durezza HRC 56-60

Carbon depth/Profondità di carbonio: 0,8 0,2 mm

Surface Roughness/Rugosità superficiale Ra 0,2 m

Balancing/Bilanciatura G6,3/15000 G2,5/25000

Cooling:/Raffreddamento: AD AD/B



DIN6499

Socket type according to DIN6499
tipologia di presa secondo DIN6499



≤0.003

Run Out less than 0.003
Run Out inferiore a 0.003



G2.5/25000

Balance G2.5/ 25,000 rpm
Bilanciatura G2.5/ 25.000 Giri



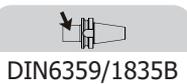
AD

AD Lubrication
Lubrificazione AD



AD/B

Lubrication (AD/B) AD/AF
Lubrificazione (AD/B) AD/AF

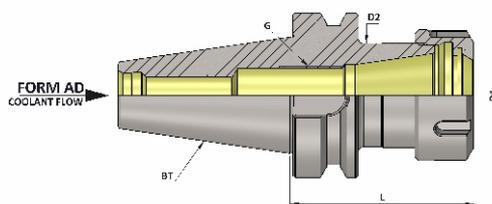


DIN6359/1835B

Socket type according to DIN6359
tipologia di presa secondo DIN6359

BRIGHTTOOLS
ER Collet Chuck

Mandrino ER

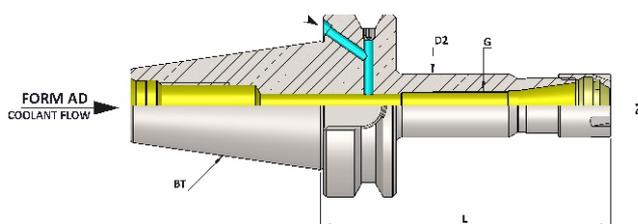


| Code | Size | D | D1 | L | Capacity | Euro |
|----------------|---------------|----|----|-----|----------|------|
| 405.02.10.HT | BT40-ER16-70 | 28 | 32 | 70 | 1-10 | |
| 405.02.16.HT | BT40-ER25-70 | 42 | 42 | 70 | 2-16 | |
| 405.02.20.HT | BT40-ER32-70 | 50 | 50 | 70 | 2-20 | |
| 405.02.26.HT | BT40-ER40-80 | 50 | 63 | 80 | 3-26 | |
| 405.02.10.1.HT | BT40-ER16-100 | 28 | 32 | 100 | 1-10 | |
| 405.02.16.1.HT | BT40-ER25-100 | 42 | 42 | 100 | 2-16 | |
| 405.02.20.1.HT | BT40-ER32-100 | 50 | 50 | 100 | 2-20 | |
| 405.02.26.1.HT | BT40-ER40-100 | 50 | 63 | 100 | 3-26 | |

BT30 / BT50 disponibili in 20 giorni
 AD/B disponibile in 5 giorni

BRIGHTTOOLS
ER MINI Collet Chuck

Mandrino MINI ER



| Code | Size | D | D1 | L | Capacity | Euro |
|-------------------|-----------------|----|----|-----|----------|------|
| 406.02.07.1.HT | BT40-ER11M-100 | 16 | 16 | 100 | 1-7 | |
| 406.02.07.10.1.HT | BT40-ER16M-100 | 22 | 22 | 100 | 1-10 | |
| 406.02.07.2.HT | BT40-ER11M-160T | 16 | 16 | 160 | 1-7 | |
| 406.02.07.10.2.HT | BT40-ER16M-160T | 22 | 22 | 160 | 1-10 | |

BT50 disponibili in 20 giorni

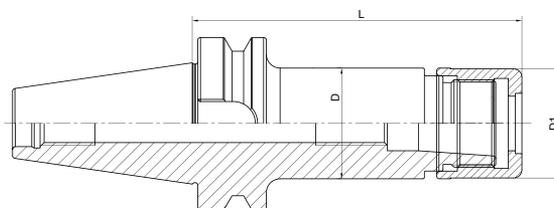
High Speed SKS Collet Chuck

Mandrino SKS Alta Velocità

A ↗
≤0.003

RPM
G2.5/25000

AD



| Code | Size | D | D1 | L | Capacity | M | Euro |
|----------------|----------------|------|------|-----|----------|---------|------|
| 405.03.10.HT | BT40-SKS10-60 | 27.5 | 27.1 | 60 | 2-10 | M21.5*1 | 🇮🇹 |
| 405.03.10.1.HT | BT40-SKS10-90 | 27.5 | 27.1 | 90 | 2-10 | M21.5*1 | 🇮🇹 |
| 405.03.10.2.HT | BT40-SKS10-120 | 27.5 | 27.1 | 120 | 2-10 | M21.5*1 | 🇮🇹 |
| 405.03.16.HT | BT40-SKS16-90 | 40.6 | 40 | 90 | 3-16 | M32*1.5 | 🇮🇹 |
| 405.03.16.1.HT | BT40-SKS16-90 | 40.6 | 40 | 90 | 3-16 | M32*1.5 | 🇮🇹 |
| 405.03.16.2.HT | BT40-SKS16-120 | 40.6 | 40 | 120 | 3-16 | M32*1.5 | 🇮🇹 |

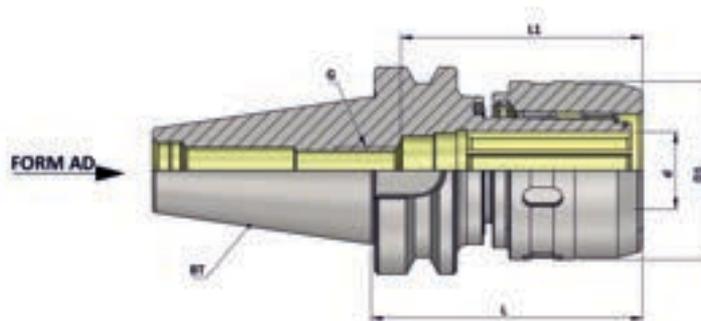
BT50 disponibili in 20 giorni 🇮🇹

Power Milling Chuck

Mandrino Forte Serraggio

A ↗
≤0.008

AD

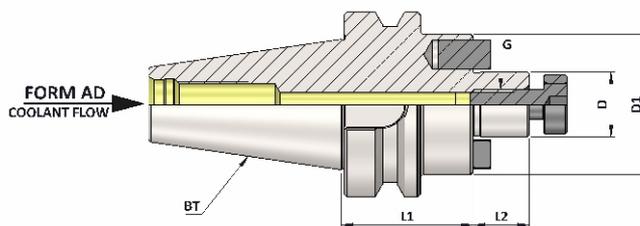


| Code | Size | d | D | L | Capacity | Euro |
|----------------|---------------|----|----|-----|----------|------|
| 406.64.20.S.HT | BT40-HC20-90 | 20 | 50 | 90 | 3-16 20 | 🇮🇹 |
| 403.64.25.S.HT | BT40-HC25-100 | 25 | 59 | 100 | 3-20 25 | 🇮🇹 |
| 403.64.32.S.HT | BT40-HC32-90 | 32 | 72 | 90 | 3-25 32 | 🇮🇹 |

BT50 disponibili in 20 giorni 🇮🇹

Face Mill Holder

Mandrino Porta frese a trascinamento



| Code | Size | d | D | L | H | M | Euro | |
|----------------|----------------|----|----|-----|----|-----|------|---|
| 405.11.16.HT | BT40-FMB16-45 | 16 | 38 | 45 | 17 | M8 | | ● |
| 405.11.22.HT | BT40-FMB22-45 | 22 | 48 | 45 | 19 | M10 | | ● |
| 405.11.27.HT | BT40-FMB27-45 | 27 | 58 | 45 | 21 | M12 | | ● |
| 405.11.32.HT | BT40-FMB32-50 | 32 | 78 | 50 | 24 | M16 | | ● |
| 405.11.16.1.HT | BT40-FMB16-100 | 16 | 38 | 100 | 17 | M8 | | ● |
| 405.11.22.1.HT | BT40-FMB22-100 | 22 | 48 | 100 | 19 | M10 | | ● |
| 405.11.27.1.HT | BT40-FMB27-100 | 27 | 58 | 100 | 21 | M12 | | ● |
| 405.11.32.1.HT | BT40-FMB32-100 | 32 | 78 | 100 | 24 | M16 | | ● |

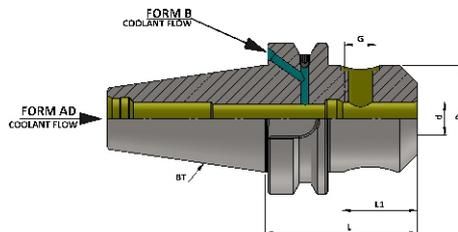
BT50 disponibile in 5 giorni ●
 AD/B disponibile in 5 giorni ●

End Mill Holder Weldon AD/B (AB/AF)

Mandrino Weldon AD/B (AB/AF)



| | | | |
|--|--|--|---|
|  DIN6359/1835B |  A ↗ ≤0.005 |  RPM G2.5/25000 |  AD/B |
|--|--|--|---|



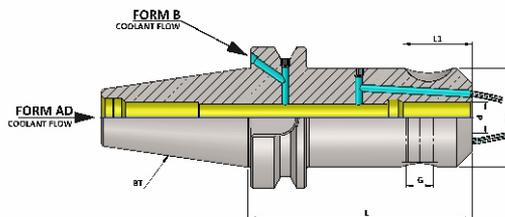
| Code | Size | d | D | L | M | Screw Quantity | Euro | |
|----------------|----------------|----|----|-----|-----|----------------|------|---|
| 406.04.06.HT | BT40-SLA06-50 | 6 | 25 | 50 | M6 | 1 | | ● |
| 406.04.08.HT | BT40-SLA08-50 | 8 | 28 | 50 | M8 | 1 | | ● |
| 406.04.10.HT | BT40-SLA10-63 | 10 | 35 | 63 | M10 | 1 | | ● |
| 406.04.12.HT | BT40-SLA12-63 | 12 | 42 | 63 | M12 | 1 | | ● |
| 406.04.16.HT | BT40-SLA16-63 | 16 | 48 | 63 | M14 | 1 | | ● |
| 406.04.20.HT | BT40-SLA20-63 | 20 | 52 | 63 | M16 | 1 | | ● |
| 406.04.25.HT | BT40-SLA25-90 | 25 | 65 | 90 | M18 | 2 | | ● |
| 406.04.32.HT | BT40-SLA32-100 | 32 | 72 | 100 | M20 | 2 | | ● |
| 406.04.40.HT | BT40-SLA40-105 | 40 | 80 | 105 | M20 | 2 | | ● |
| 06.04.06.1.HT | BT40-SLA06-100 | 6 | 25 | 100 | M6 | 1 | | ● |
| 406.04.08.1.HT | BT40-SLA08-100 | 8 | 28 | 100 | M8 | 1 | | ● |
| 406.04.10.1.HT | BT40-SLA10-100 | 10 | 35 | 100 | M10 | 1 | | ● |
| 406.04.12.1.HT | BT40-SLA12-100 | 12 | 42 | 100 | M12 | 1 | | ● |
| 406.04.16.1.HT | BT40-SLA16-100 | 16 | 48 | 100 | M14 | 1 | | ● |
| 406.04.20.1.HT | BT40-SLA20-100 | 20 | 52 | 100 | M16 | 1 | | ● |
| 406.04.25.1.HT | BT40-SLA25-130 | 25 | 65 | 130 | M18 | 2 | | ● |
| 406.04.32.1.HT | BT40-SLA32-130 | 32 | 72 | 130 | M20 | 2 | | ● |

BT50 disponibile in 5 giorni ●

End Mill Holder Weldon with coolant Channels AD+B (AD/AF)

Mandrino Weldon con lub.frontale AD+B (AD/AF)

| | | | |
|---|---|--|---|
|  DIN6359/1835B |  A \nearrow ≤ 0.005 |  RPM G2.5/25000 |  AD/B |
|---|---|--|---|



| Code | Size | d | D1 | D2 | g | L | L1 | L2 | Screw Q.ty | Euro | |
|------------------|-----------------|----|----|----|-----|-----|----|----|------------|------|---|
| 406.04.06.K.HT | BT40 WE06 050 K | 6 | 25 | - | M6 | 50 | 34 | - | 1 | | ● |
| 406.04.08.K.HT | BT40 WE08 050 K | 8 | 28 | - | M8 | 50 | 34 | - | 1 | | ● |
| 406.04.10.K.HT | BT40 WE10 063 K | 10 | 35 | - | M10 | 50 | 40 | - | 1 | | ● |
| 406.04.12.K.HT | BT40 WE12 063 K | 12 | 42 | - | M12 | 50 | 46 | - | 1 | | ● |
| 406.04.16.K.HT | BT40 WE16 063 K | 16 | 48 | - | M14 | 63 | 48 | - | 1 | | ● |
| 406.04.20.K.HT | BT40 WE20 063 K | 20 | 52 | - | M16 | 63 | 52 | - | 1 | | ● |
| 406.04.06.1.K.HT | BT40 WE06 100 K | 6 | 25 | 36 | M6 | 100 | 34 | 40 | 1 | | ● |
| 406.04.08.1.K.HT | BT40 WE08 100 K | 8 | 28 | 38 | M8 | 100 | 34 | 40 | 1 | | ● |
| 406.04.10.1.K.HT | BT40 WE10 100 K | 10 | 35 | 40 | M10 | 100 | 40 | 40 | 1 | | ● |
| 406.04.12.1.K.HT | BT40 WE12 100 K | 12 | 42 | - | M12 | 100 | 46 | - | 1 | | ● |
| 406.04.16.1.K.HT | BT40 WE16 100 K | 16 | 48 | - | M14 | 100 | 48 | - | 1 | | ● |
| 406.04.20.1.K.HT | BT40 WE20 100 K | 20 | 52 | - | M16 | 100 | 52 | - | 1 | | ● |
| 406.04.06.2.K.HT | BT40 WE06 130 K | 6 | 25 | 36 | M6 | 130 | 34 | 50 | 1 | | ◐ |
| 406.04.08.1.K.HT | BT40 WE08 130 K | 8 | 28 | 40 | M8 | 130 | 34 | 50 | 1 | | ◐ |
| 406.04.10.2.K.HT | BT40 WE10 130 K | 10 | 35 | 40 | M10 | 130 | 40 | 50 | 1 | | ◐ |
| 406.04.12.2.K.HT | BT40 WE12 130 K | 12 | 42 | - | M12 | 130 | 46 | - | 1 | | ◐ |
| 406.04.16.2.K.HT | BT40 WE16 130 K | 16 | 48 | - | M14 | 130 | 48 | - | 1 | | ◐ |
| 406.04.20.2.K.HT | BT40 WE20 130 K | 20 | 52 | - | M16 | 130 | 52 | - | 1 | | ◐ |
| 406.04.06.3.K.HT | BT40 WE06 160 K | 6 | 25 | 36 | M6 | 160 | 34 | 80 | 1 | | ◐ |
| 406.04.08.3.K.HT | BT40 WE08 160 K | 8 | 28 | 40 | M8 | 160 | 34 | 80 | 1 | | ◐ |
| 406.04.10.3.K.HT | BT40 WE10 160 K | 10 | 35 | 40 | M10 | 160 | 40 | 80 | 1 | | ◐ |
| 406.04.12.3.K.HT | BT40 WE12 160 K | 12 | 42 | - | M12 | 160 | 46 | - | 1 | | ◐ |
| 406.04.16.3.K.HT | BT40 WE16 160 K | 16 | 48 | - | M14 | 160 | 48 | - | 1 | | ◐ |
| 406.04.20.3.K.HT | BT40 WE20 160 K | 20 | 52 | - | M16 | 160 | 52 | - | 1 | | ◐ |

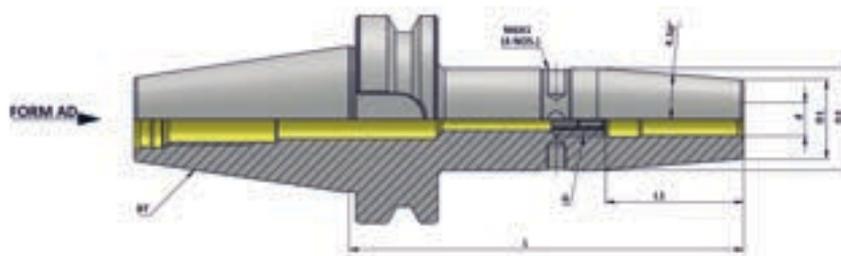
BT50 disponibile in 5 giorni ●

Shrink Fit Chuck, 4.5°, Standard AD

Mandrino a Calettare 4,5° AD

A ↗
≤0.003RPM
G2.5/25000

AD

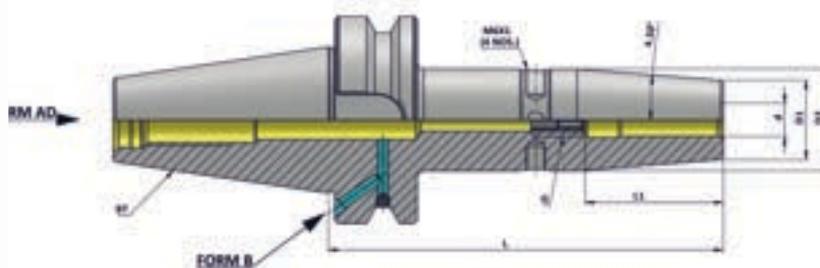


| Code | Size | d | D1 | D2 | L | L1 | G | Euro |
|----------------|---------------|----|----|----|-----|----|-------|------|
| 405.70.03.HT | BT40-SF03-80 | 3 | 15 | 20 | 80 | 12 | - | |
| 405.70.04.HT | BT40-SF04-80 | 4 | 15 | 20 | 80 | 14 | - | |
| 405.70.06.HT | BT40-SF06-90 | 6 | 21 | 27 | 90 | 36 | M5 | |
| 405.70.08.HT | BT40-SF08-90 | 8 | 21 | 27 | 90 | 36 | M6 | |
| 405.70.10.HT | BT40-SF10-90 | 10 | 24 | 31 | 90 | 41 | M8x1 | |
| 405.70.12.HT | BT40-SF12-90 | 12 | 24 | 31 | 90 | 46 | M10x1 | |
| 405.70.16.HT | BT40-SF16-90 | 16 | 27 | 34 | 90 | 49 | M12x1 | |
| 405.70.20.HT | BT40-SF20-90 | 20 | 33 | 40 | 90 | 51 | M16x1 | |
| 405.70.03.1.HT | BT40-SF03-120 | 3 | 15 | 20 | 120 | 12 | - | |
| 405.70.04.1.HT | BT40-SF04-120 | 4 | 15 | 20 | 120 | 14 | - | |
| 405.70.06.1.HT | BT40-SF06-120 | 6 | 21 | 27 | 120 | 36 | M5 | |
| 405.70.08.1.HT | BT40-SF08-120 | 8 | 21 | 27 | 120 | 36 | M6 | |
| 405.70.10.1.HT | BT40-SF10-120 | 10 | 24 | 32 | 120 | 41 | M8x1 | |
| 405.70.12.1.HT | BT40-SF12-120 | 12 | 24 | 32 | 120 | 46 | M10x1 | |
| 405.70.16.1.HT | BT40-SF16-120 | 16 | 27 | 34 | 120 | 49 | M12x1 | |
| 405.70.20.1.HT | BT40-SF20-120 | 20 | 33 | 42 | 120 | 51 | M16x1 | |

Lunghezza 160mm e 200mm disponibile in 20 giorni

Shrink Fit Chuck, 4.5°, Standard AD/B (AD/AF)**Mandrino a Calettare 4,5° AD/B (AD/AF)**A ↗
≤0.003RPM
G2.5/25000

AD/B

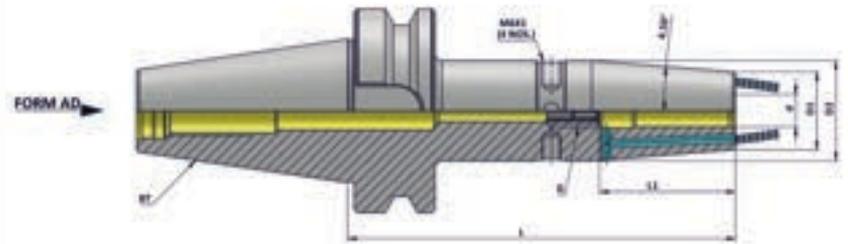


| Code | Size | d | D1 | D2 | L | L1 | G | Euro | |
|----------------|---------------------|----|----|----|-----|----|-------|------|---|
| 406.70.03.HT | BT40 SFH03 090 AD+B | 3 | 10 | 20 | 90 | 12 | - | | ● |
| 406.70.04.HT | BT40 SFH04 090 AD+B | 4 | 15 | 22 | 90 | 14 | - | | ● |
| 406.70.06.HT | BT40 SFH06 090 AD+B | 6 | 21 | 27 | 90 | 36 | M5 | | ● |
| 406.70.08.HT | BT40 SFH08 090 AD+B | 8 | 21 | 27 | 90 | 36 | M6 | | ● |
| 406.70.10.HT | BT40 SFH10 090 AD+B | 10 | 24 | 31 | 90 | 41 | M8x1 | | ● |
| 406.70.12.HT | BT40 SFH12 090 AD+B | 12 | 24 | 31 | 90 | 46 | M10x1 | | ● |
| 406.70.16.HT | BT40 SFH16 090 AD+B | 16 | 27 | 34 | 90 | 49 | M12x1 | | ● |
| 406.70.20.HT | BT40 SFH20 090 AD+B | 20 | 33 | 40 | 90 | 51 | M16x1 | | ● |
| 406.70.03.1.HT | BT40 SFH03 120 AD+B | 3 | 10 | 20 | 120 | 12 | - | | ● |
| 406.70.04.1.HT | BT40 SFH04 120 AD+B | 4 | 15 | 22 | 120 | 14 | - | | ● |
| 406.70.06.1.HT | BT40 SFH06 120 AD+B | 6 | 21 | 27 | 120 | 36 | M5 | | ● |
| 406.70.08.1.HT | BT40 SFH08 120 AD+B | 8 | 21 | 27 | 120 | 36 | M6 | | ● |
| 406.70.10.1.HT | BT40 SFH10 120 AD+B | 10 | 24 | 32 | 120 | 41 | M8x1 | | ● |
| 406.70.12.1.HT | BT40 SFH12 120 AD+B | 12 | 24 | 32 | 120 | 46 | M10x1 | | ● |
| 406.70.16.1.HT | BT40 SFH16 120 AD+B | 16 | 27 | 34 | 120 | 49 | M12x1 | | ● |
| 406.70.20.1.HT | BT40 SFH20 120 AD+B | 20 | 33 | 42 | 120 | 51 | M16x1 | | ● |

Lunghezza 160mm e 200mm disponibile in 20 giorni 🕒

Shrink Fit Chuck, 4.5°, Coolant AD**Mandrino a calettare 4.5°, 2 fori di lub. AD**A ↗
≤0.003RPM
G2.5/25000

AD



| Code | Size | d | D | D1 | L | L2 | L1 | N | G | Euro |
|------------------|----------------|----|----|----|-----|----|----|----|-------|------|
| 405.70.03.K.HT | BT40-SF03-80K | 3 | 15 | 20 | 80 | 53 | - | - | - | |
| 405.70.04.K.HT | BT40-SF04-80K | 4 | 15 | 20 | 80 | 53 | - | - | - | |
| 405.70.06.K.HT | BT40-SF06-90K | 6 | 21 | 27 | 90 | 63 | 36 | 10 | M5 | |
| 405.70.08.K.HT | BT40-SF08-90K | 8 | 21 | 27 | 90 | 63 | 36 | 10 | M6 | |
| 405.70.10.K.HT | BT40-SF10-90K | 10 | 24 | 32 | 90 | 63 | 42 | 10 | M8x1 | |
| 405.70.12.K.HT | BT40-SF12-90K | 12 | 24 | 32 | 90 | 63 | 47 | 10 | M10x1 | |
| 405.70.16.K.HT | BT40-SF16-90K | 16 | 27 | 34 | 90 | 63 | 50 | 10 | M12x1 | |
| 405.70.20.K.HT | BT40-SF20-90K | 20 | 33 | 42 | 90 | 63 | 52 | 10 | M16x1 | |
| 405.70.06.1.K.HT | BT40-SF06-120K | 6 | 21 | 27 | 120 | 93 | 36 | 10 | M5 | |
| 405.70.08.1.K.HT | BT40-SF08-120K | 8 | 21 | 27 | 120 | 93 | 36 | 10 | M6 | |
| 405.70.10.1.K.HT | BT40-SF10-120K | 10 | 24 | 32 | 120 | 93 | 42 | 10 | M8x1 | |
| 405.70.12.1.K.HT | BT40-SF12-120K | 12 | 24 | 32 | 120 | 93 | 47 | 10 | M10x1 | |
| 405.70.16.1.K.HT | BT40-SF16-120K | 16 | 27 | 34 | 120 | 93 | 50 | 10 | M12x1 | |
| 405.70.20.1.K.HT | BT40-SF20-120K | 20 | 33 | 42 | 120 | 93 | 52 | 10 | M16x1 | |

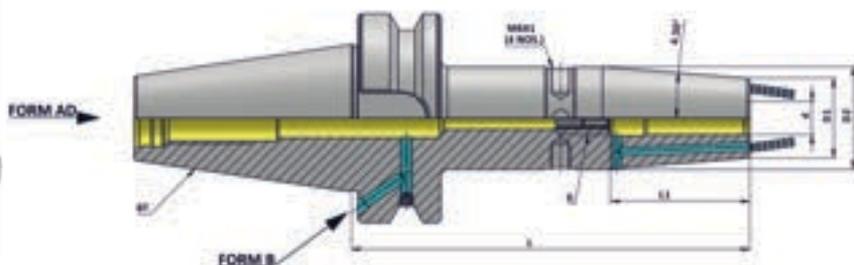
Lunghezza 160mm e 200mm disponibile in 20 giorni

Shrink Fit Chuck, 4.5°, Coolant AD/AF (AD/B)

Mandrino a calettare 4.5°, 2 fori di lub. ADAF

 A ↗
 ≤0.003

 RPM
 G2.5/25000


 AD/B


| Code | Size | d | D | D1 | L | L2 | L1 | G | Euro | |
|------------------|-------------------------|----|----|----|-----|----|----|-------|------|---|
| 406.70.03.K.HT | BT40 SFH03 090 FCC AD+B | 3 | 15 | 20 | 80 | 53 | - | - | | ● |
| 406.70.04.K.HT | BT40 SFH04 090 FCC AD+B | 4 | 15 | 20 | 80 | 53 | - | - | | ● |
| 406.70.06.K.HT | BT40 SFH06 090 FCC AD+B | 6 | 21 | 27 | 90 | 63 | 36 | M5 | | ● |
| 406.70.08.K.HT | BT40 SFH08 090 FCC AD+B | 8 | 21 | 27 | 90 | 63 | 36 | M6 | | ● |
| 406.70.10.K.HT | BT40 SFH10 090 FCC AD+B | 10 | 24 | 32 | 90 | 63 | 42 | M8x1 | | ● |
| 406.70.12.K.HT | BT40 SFH12 090 FCC AD+B | 12 | 24 | 32 | 90 | 63 | 47 | M10x1 | | ● |
| 406.70.16.K.HT | BT40 SFH16 090 FCC AD+B | 16 | 27 | 34 | 90 | 63 | 50 | M12x1 | | ● |
| 406.70.20.K.HT | BT40 SFH20 090 FCC AD+B | 20 | 33 | 42 | 90 | 63 | 52 | M16x1 | | ● |
| 406.70.03.1.K.HT | BT40 SFH03 120 FCC AD+B | 3 | 15 | 20 | 120 | 53 | - | - | | ● |
| 406.70.04.1.K.HT | BT40 SFH04 120 FCC AD+B | 4 | 15 | 20 | 120 | 53 | - | - | | ● |
| 406.70.06.1.K.HT | BT40 SFH06 120 FCC AD+B | 6 | 21 | 27 | 120 | 93 | 36 | M5 | | ● |
| 406.70.08.1.K.HT | BT40 SFH08 120 FCC AD+B | 8 | 21 | 27 | 120 | 93 | 36 | M6 | | ● |
| 406.70.10.1.K.HT | BT40 SFH10 120 FCC AD+B | 10 | 24 | 32 | 120 | 93 | 42 | M8x1 | | ● |
| 406.70.12.1.K.HT | BT40 SFH12 120 FCC AD+B | 12 | 24 | 32 | 120 | 93 | 47 | M10x1 | | ● |
| 406.70.16.1.K.HT | BT40 SFH16 120 FCC AD+B | 16 | 27 | 34 | 120 | 93 | 50 | M12x1 | | ● |
| 406.70.20.1.K.HT | BT40 SFH20 120 FCC AD+B | 20 | 33 | 42 | 120 | 93 | 52 | M16x1 | | ● |

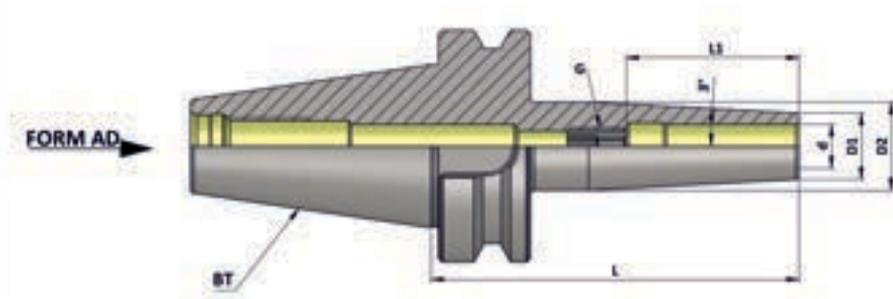
Lunghezza 160mm e 200mm disponibile in 20 giorni 🕒

Shrink Fit Chuck, Slim, 3°,AD

Mandrino a Calettare SLIM 3°,AD

A ↗
≤0.003RPM
G2.5/25000

AD



| Code | Size | d | D1 | D2 | L | L1 | G | Euro |
|----------------|----------------|----|----|------|-----|----|-------|------|
| 405.72.03.HT | BT40-SFS03-90 | 3 | 9 | 15.3 | 90 | - | - | 🇮🇹 |
| 405.72.04.HT | BT40-SFS04-90 | 4 | 10 | 16.3 | 90 | - | - | 🇮🇹 |
| 405.72.06.HT | BT40-SFS06-90 | 6 | 12 | 18.3 | 90 | 36 | M5 | 🇮🇹 |
| 405.72.08.HT | BT40-SFS08-90 | 8 | 14 | 20.3 | 90 | 36 | M6 | 🇮🇹 |
| 405.72.10.HT | BT40-SFS10-90 | 10 | 16 | 22.3 | 90 | 42 | M8x1 | 🇮🇹 |
| 405.72.12.HT | BT40-SFS12-90 | 12 | 18 | 24.3 | 90 | 47 | M10x1 | 🇮🇹 |
| 405.72.16.HT | BT40-SFS16-90 | 16 | 22 | 28.3 | 90 | 50 | M12x1 | 🇮🇹 |
| 405.72.03.1.HT | BT40-SFS03-120 | 3 | 9 | 18.3 | 120 | - | - | 🌐 |
| 405.72.04.1.HT | BT40-SFS04-120 | 4 | 10 | 19.3 | 120 | - | - | 🌐 |
| 405.72.06.1.HT | BT40-SFS06-120 | 6 | 12 | 21.3 | 120 | 36 | M5 | 🌐 |
| 405.72.08.1.HT | BT40-SFS08-120 | 8 | 14 | 23.3 | 120 | 36 | M6 | 🌐 |
| 405.72.10.1.HT | BT40-SFS10-120 | 10 | 16 | 25.3 | 120 | 42 | M8x1 | 🌐 |
| 405.72.12.1.HT | BT40-SFS12-120 | 12 | 18 | 27.3 | 120 | 47 | M10x1 | 🌐 |
| 405.72.16.1.HT | BT40-SFS16-120 | 16 | 22 | 31.3 | 120 | 50 | M12x1 | 🌐 |

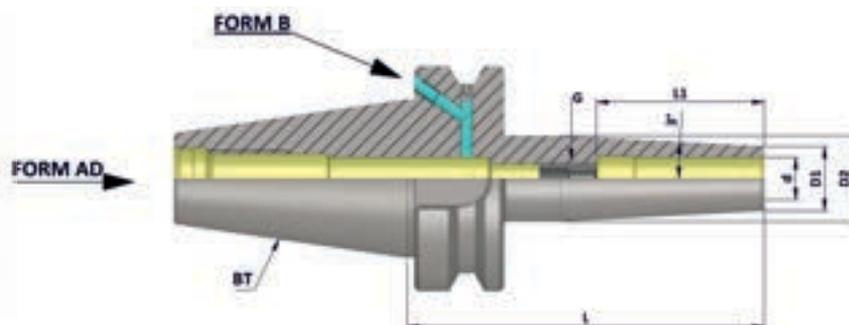
Lunghezza 160mm e 200mm disponibile in 20 giorni 🌐

Shrink Fit Chuck, Slim, 3° AD/AF

Mandrino a Calettare SLIM 3°,AD/AF

A ↗
≤0.003RPM
G2.5/25000

AD/B



| Code | Size | d | D1 | D2 | L | L1 | G | Euro |
|----------------|--------------------------|----|----|----|-----|----|-------|------|
| 406.72.03.HT | BT40 SFH03 090 SLIM AD+B | 3 | 9 | 15 | 90 | 12 | - | ● |
| 406.72.04.HT | BT40 SFH04 090 SLIM AD+B | 4 | 10 | 16 | 90 | 14 | - | ● |
| 406.72.06.HT | BT40 SFH06 090 SLIM AD+B | 6 | 12 | 18 | 90 | 36 | M5 | ● |
| 406.72.08.HT | BT40 SFH08 090 SLIM AD+B | 8 | 14 | 20 | 90 | 36 | M6 | ● |
| 406.72.10.HT | BT40 SFH10 090 SLIM AD+B | 10 | 16 | 22 | 90 | 41 | M8x1 | ● |
| 406.72.12.HT | BT40 SFH12 090 SLIM AD+B | 12 | 18 | 24 | 90 | 46 | M10x1 | ● |
| 406.72.16.HT | BT40 SFH16 090 SLIM AD+B | 16 | 22 | 28 | 90 | 50 | M12x1 | ● |
| 406.72.03.1.HT | BT40 SFH03 120 SLIM AD+B | 3 | 9 | 18 | 120 | 12 | - | ● |
| 406.72.04.1.HT | BT40 SFH04 120 SLIM AD+B | 4 | 10 | 19 | 120 | 14 | - | ● |
| 406.72.06.1.HT | BT40 SFH06 120 SLIM AD+B | 6 | 12 | 21 | 120 | 36 | M5 | ● |
| 406.72.08.1.HT | BT40 SFH08 120 SLIM AD+B | 8 | 14 | 23 | 120 | 36 | M6 | ● |
| 406.72.10.1.HT | BT40 SFH10 120 SLIM AD+B | 10 | 16 | 25 | 120 | 41 | M8x1 | ● |
| 406.72.12.1.HT | BT40 SFH12 120 SLIM AD+B | 12 | 18 | 27 | 120 | 46 | M10x1 | ● |
| 406.72.16.1.HT | BT40 SFH16 120 SLIM AD+B | 16 | 22 | 31 | 120 | 50 | M12x1 | ● |

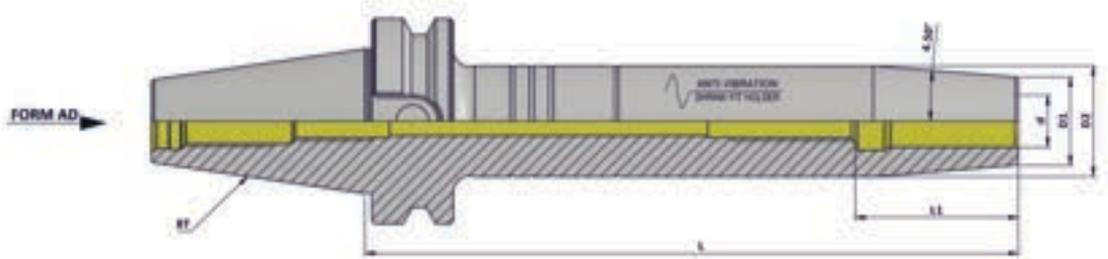
Lunghezza 160mm disponibile in 20 giorni ●

Shrink fit Holder Anti-vibration ,4,5° AD/AF

Mandrino a Calettare Anti-Vibrante ,4,5° AD/AF

A ↗
≤0.01

AD



| Code | Size | d | D2 | D1 | L | L1 | Euro |
|----------------|----------------------|----|----|----|-----|----|------|
| 406.75.16.HT | SK40 SFH16 200 AD/AV | 16 | 27 | 34 | 200 | 49 | ● |
| 406.75.16.1.HT | SK40 SFH16 250 AD/AV | 16 | 27 | 34 | 250 | 49 | ● |
| 406.75.16.2.HT | SK40 SFH16 300 AD/AV | 16 | 27 | 34 | 300 | 49 | ● |
| 406.75.20.HT | SK40 SFH20 200 AD/AV | 20 | 33 | 40 | 200 | 51 | ● |
| 406.75.20.1.HT | SK40 SFH20 250 AD/AV | 20 | 33 | 40 | 250 | 51 | ● |
| 406.75.20.2.HT | SK40 SFH20 300 AD/AV | 20 | 33 | 40 | 300 | 51 | ● |
| 406.75.25.HT | SK40 SFH25 200 AD/AV | 25 | 44 | 53 | 200 | 57 | ● |
| 406.75.25.1.HT | SK40 SFH25 250 AD/AV | 25 | 44 | 53 | 250 | 57 | ● |
| 406.75.25.2.HT | SK40 SFH25 300 AD/AV | 25 | 44 | 53 | 300 | 57 | ● |
| 406.75.32.HT | SK40 SFH32 200 AD/AV | 32 | 44 | 53 | 200 | 61 | ● |
| 406.75.32.1.HT | SK40 SFH32 250 AD/AV | 32 | 44 | 53 | 250 | 61 | ● |
| 406.75.32.2.HT | SK40 SFH32 300 AD/AV | 32 | 44 | 53 | 300 | 61 | ● |



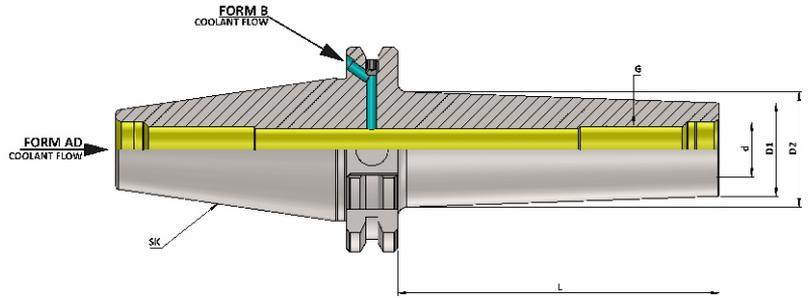
Milling Cutter Arbor AD/AF

Mandrino per testine fill. (AD+B)(AD/AF)

A ↗
≤0.003

RPM
G2.5/25000

AD/B



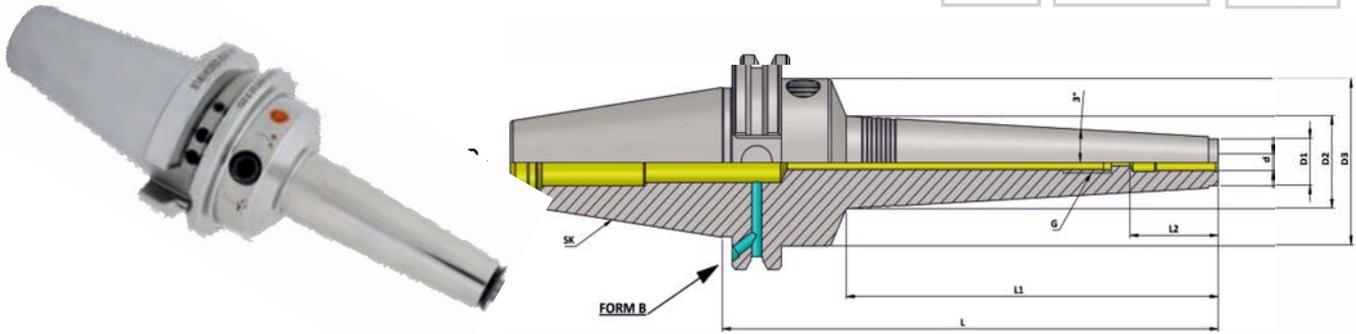
| Code | Size | d | D1 | D2 | G | L | Euro |
|----------------|---------------------|------|----|------|-----|-----|------|
| 406.06.06.HT | BT40 MCA06 025 AD+B | 6.5 | 10 | 13 | M6 | 25 | ● |
| 406.06.06.1.HT | BT40 MCA06 050 AD+B | 6.5 | 10 | 20 | M6 | 50 | ● |
| 406.06.06.2.HT | BT40 MCA06 075 AD+B | 6.5 | 10 | 23 | M6 | 75 | ● |
| 406.06.08.HT | BT40 MCA08 025 AD+B | 8.5 | 13 | 15 | M8 | 25 | ● |
| 406.06.08.1.HT | BT40 MCA08 050 AD+B | 8.5 | 13 | 23 | M8 | 50 | ● |
| 406.06.08.2.HT | BT40 MCA08 075 AD+B | 8.5 | 13 | 23 | M8 | 75 | ● |
| 406.06.08.3.HT | BT40 MCA08 100 AD+B | 8.5 | 13 | 25 | M8 | 100 | ● |
| 406.06.10.HT | BT40 MCA10 025 AD+B | 10.5 | 18 | 20 | M10 | 25 | ● |
| 406.06.10.1.HT | BT40 MCA10 050 AD+B | 10.5 | 18 | 23 | M10 | 50 | ● |
| 406.06.10.2.HT | BT40 MCA10 075 AD+B | 10.5 | 18 | 28 | M10 | 75 | ● |
| 406.06.10.3.HT | BT40 MCA10 100 AD+B | 10.5 | 18 | 32 | M10 | 100 | ● |
| 406.06.12.HT | BT40 MCA12 025 AD+B | 12.5 | 21 | 24 | M12 | 25 | ● |
| 406.06.12.1.HT | BT40 MCA12 050 AD+B | 12.5 | 21 | 24 | M12 | 50 | ● |
| 406.06.12.2.HT | BT40 MCA12 075 AD+B | 12.5 | 21 | 31 | M12 | 75 | ● |
| 406.06.12.3.HT | BT40 MCA12 100 AD+B | 12.5 | 21 | 33 | M12 | 100 | ● |
| 406.06.12.4.HT | BT40 MCA12 125 AD+B | 12.5 | 21 | 36 | M12 | 125 | ● |
| 406.06.12.HT | BT40 MCA16 025 AD+B | 17.0 | 29 | 29 | M16 | 25 | ● |
| 406.06.16.1.HT | BT40 MCA16 050 AD+B | 17.0 | 29 | 34 | M16 | 50 | ● |
| 406.06.16.2.HT | BT40 MCA16 075 AD+B | 17.0 | 29 | 34 | M16 | 75 | ● |
| 406.06.16.3.HT | BT40 MCA16 100 AD+B | 17.0 | 29 | 36 | M16 | 100 | ● |
| 406.06.16.4.HT | BT40 MCA16 125 AD+B | 17.0 | 29 | 40 | M16 | 125 | ● |
| 406.06.16.5.HT | BT40 MCA16 150 AD+B | 17.0 | 29 | 42.5 | M16 | 150 | ● |

Hydraulic Expansion Chuck SLIM 3° AD/AF

Mandrino Idraulico SLIM 3° AD/AF

A ↗
≤0.003RPM
G2.5/25000

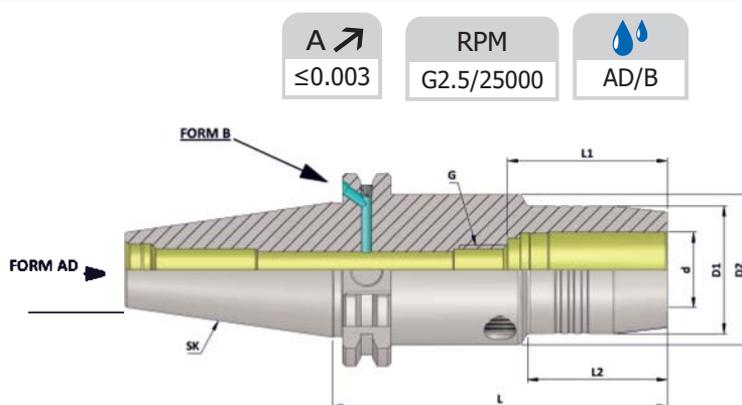
AD/F



| Code | Description | d | D1 | D2 | D3 | G | L | L1 | L2 | Euro |
|-------------------|--------------------------|----|----|------|------|-----|-----|-----|----|------|
| 405.H03.075.SL.HT | BT40 H03 075 SLIM | 3 | 11 | 14.0 | 46 | - | 75 | 28 | 28 | ● |
| 405.H03.090.SL.HT | BT40 H03 090 SLIM | 3 | 11 | 14.9 | 46 | - | 90 | 37 | 28 | ● |
| 405.H03.135.SL.HT | BT 40 H03 135 SLIM | 3 | 11 | 19.9 | 46 | - | 135 | 84 | 28 | ● |
| 405.H04.075.SL.HT | BT40 H04 075 SLIM | 4 | 11 | 14.0 | 46 | - | 75 | 28 | 28 | ● |
| 405.H04.090.SL.HT | BT40 H04 090 SLIM | 4 | 11 | 14.9 | 46 | - | 90 | 37 | 28 | ● |
| 405.H04.135.SL.HT | BT40 H04 135 SLIM | 4 | 11 | 19.9 | 46 | - | 135 | 84 | 28 | ● |
| 405.H06.090.SL.HT | BT40 H06 090 SLIM | 6 | 13 | 17.0 | 46 | M5 | 90 | 38 | 37 | ● |
| 405.H06.135.SL.HT | BT40 H06 135 SLIM | 6 | 13 | 21.9 | 46 | M5 | 135 | 84 | 37 | ● |
| 405.H06.150.SL.HT | BT40 H06 150 SLIM | 6 | 13 | 23.4 | 46 | M5 | 150 | 99 | 37 | ● |
| 405.H06.165.SL.HT | BT40 H06 165 SLIM | 6 | 13 | 25.0 | 46 | M5 | 165 | 114 | 37 | ● |
| 405.H06.180.SL.HT | BT40 H06 180 SLIM | 6 | 13 | 26.7 | 46 | M5 | 180 | 130 | 37 | ● |
| 405.H08.090.SL.HT | BT40 H08 090 SLIM | 8 | 15 | 19.0 | 46 | M6 | 90 | 38 | 37 | ● |
| 405.H08.135.SL.HT | BT40 H08 135 SLIM | 8 | 15 | 23.9 | 46 | M6 | 135 | 84 | 37 | ● |
| 405.H08.150.SL.HT | BT40 H08 150 SLIM | 8 | 15 | 25.4 | 46 | M6 | 150 | 99 | 37 | ● |
| 405.H08.165.SL.HT | BT40 H08 165 SLIM | 8 | 15 | 27.0 | 46 | M6 | 165 | 114 | 37 | ● |
| 405.H08.180.SL.HT | BT40 H08 180 SLIM | 8 | 15 | 28.7 | 46 | M6 | 180 | 130 | 37 | ● |
| 405.H10.105.SL.HT | BT40 H10 105 SLIM | 10 | 17 | 22.6 | 46 | MS | 105 | 53 | 41 | ● |
| 405.H10.135.SL.HT | BT40 H10 135 SLIM | 10 | 17 | 25.9 | 46 | MS | 135 | 84 | 41 | ● |
| 405.H10.150.SL.HT | BT40 H10 150 SLIM | 10 | 17 | 27.4 | 46 | MS | 150 | 99 | 41 | ● |
| 405.H10.165.SL.HT | BT40 H10 165 SLIM | 10 | 17 | 29.0 | 46 | MS | 165 | 114 | 41 | ● |
| 405.H10.180.SL.HT | BT40 H10 180 SLIM | 10 | 17 | 30.7 | 46 | MS | 180 | 130 | 41 | ● |
| 405.H12.105.SL.HT | BT40 H12 105 SLIM | 12 | 19 | 24.6 | 46 | MS | 105 | 53 | 46 | ● |
| 405.H12.135.SL.HT | BT40 H12 135 SLIM | 12 | 19 | 27.9 | 46 | MS | 135 | 84 | 46 | ● |
| 405.H12.150.SL.HT | BT40 H12 150 SLIM | 12 | 19 | 29.4 | 46 | MS | 150 | 99 | 46 | ● |
| 405.H12.165.SL.HT | BT40 H12 165 SLIM | 12 | 19 | 31.0 | 46 | MS | 165 | 114 | 46 | ● |
| 405.H12.180.SL.HT | BT40 H12 180 SLIM | 12 | 19 | 32.7 | 46 | MS | 180 | 130 | 46 | ● |
| 405.H16.135.SL.HT | BT40 H16 135 SLIM | 16 | 23 | 31.9 | 52.5 | M12 | 135 | 84 | 49 | ● |
| 405.H16.165.SL.HT | BT40 H16 165 SLIM | 16 | 23 | 35.0 | 52.5 | M12 | 165 | 114 | 49 | ● |
| 405.H16.180.SL.HT | BT40 H16 180 SLIM | 16 | 23 | 36.6 | 52.5 | M12 | 180 | 129 | 49 | ● |
| 405.H20.135.SL.HT | BT40 H20 135 SLIM | 20 | 28 | 36.9 | 60 | M16 | 135 | 84 | 51 | ● |
| 405.H20.165.SL.HT | BT40 H20 165 SLIM | 20 | 28 | 40.0 | 60 | M16 | 165 | 114 | 51 | ● |
| 405.H20.180.SL.HT | BT40 H20 180 SLIM | 20 | 28 | 41.6 | 60 | M16 | 180 | 129 | 51 | ● |

Hydraulic Expansion Chuck AD/AF

Mandrino Idraulico AD/AF



Tool Holder JIS B 6339

| Code | Description | d | D1 | D2 | G | L | L1 | L2 | Euro |
|------------------|---------------|----|----|------|-----|------|----|------|------|
| 405.H06.090.HT | BT40 HC06 090 | 6 | 26 | 49.5 | M5 | 80.5 | 37 | 29.5 | ● |
| 405.H06.140.HT | BT40 HC06 140 | 6 | 26 | 49.5 | M5 | 110 | 37 | 29 | ● |
| 405.H08.090.HT | BT40 HC08 090 | 8 | 28 | 49.5 | M6 | 80.5 | 37 | 30 | ● |
| 405.H08.140.HT | BT40 HC08 140 | 8 | 28 | 49.5 | M6 | 110 | 37 | 30 | ● |
| 405.H10.090.HT | BT40 HC10 090 | 10 | 30 | 49.5 | MB | 80.5 | 41 | 35 | ● |
| 405.H10.140.HT | BT40 HC10 140 | 10 | 30 | 49.5 | MB | 110 | 41 | 35 | ● |
| 405.H12.090.HT | BT40 HC12 090 | 12 | 32 | 49.5 | M10 | 80.5 | 46 | 40 | ● |
| 405.H12.140.HT | BT40 HC12 140 | 12 | 32 | 49.5 | M10 | 110 | 46 | 40 | ● |
| 405.H14.090.HT | BT40 HC14 090 | 14 | 34 | 49.5 | M10 | 80.5 | 46 | 40 | ● |
| 405.H14.140.HT | BT40 HC14 140 | 14 | 34 | 49.5 | M10 | 110 | 46 | 40 | ● |
| 405.H16.090.HT | BT40 HC16 090 | 16 | 38 | 49.5 | M12 | 80.5 | 49 | 45 | ● |
| 405.H16.140.HT | BT40 HC16 140 | 16 | 38 | 49.5 | M12 | 110 | 49 | 45 | ● |
| 405.H18.090.HT | BT40 HC18 090 | 18 | 40 | 49.5 | M12 | 80.5 | 49 | 46 | ● |
| 405.H18.140.HT | BT40 HC18 140 | 18 | 40 | 49.5 | M12 | 110 | 49 | 46 | ● |
| 405.H20.090.HT | BT40 HC20 090 | 20 | 42 | 49.5 | M16 | 80.5 | 51 | 47 | ● |
| 405.H20.140.HT | BT40 HC20 140 | 20 | 42 | 49.5 | M16 | 110 | 51 | 47 | ● |
| 405.H25.090.HT | BT40 HC25 090 | 25 | 55 | 63 | M16 | 95 | 57 | 28 | ● |
| 405.H25.140.HT | BT40 HC25 140 | 25 | 55 | 63 | M16 | 110 | 57 | 28 | ● |
| 405.H32.090.HT | BT40 HC32 090 | 32 | 63 | 70 | M16 | 95 | 61 | 25.5 | ● |
| 405.H.32.140 .HT | BT40 HC32 140 | 32 | 63 | 59 | M16 | 110 | 61 | 59 | ● |

Hydraulic Collet Set

Set Mandrino idraulico con riduzioni

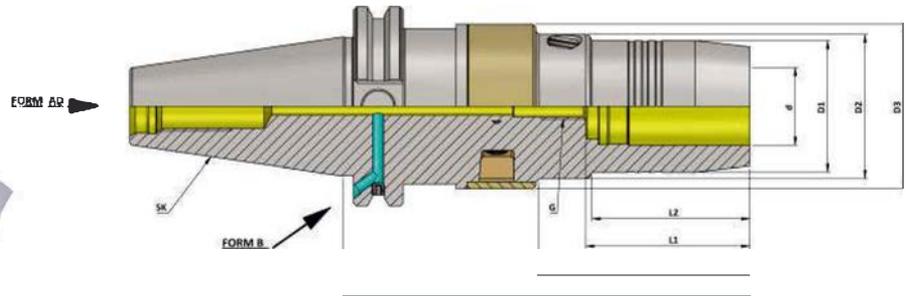


| Code | Hydraulic chuck | Hydraulic Collet | Collet Quantity | key Size | Euro |
|------------|-----------------|-------------------|-----------------|----------|----------|
| 40.H20.SRD | BT40-HY20-90 | HY20-6.8.10.12.16 | 5pcs | 5L | 518.00 € |

Hydraulic Expansion Chuck with "Run Out" adjustment

Mandrino Idraulico con regolazione assiale

| | | |
|----------------------|-------------------|--------|
| A ↗ ≤0.003 | RPM G2.5/25000 | AD |
|----------------------|-------------------|--------|



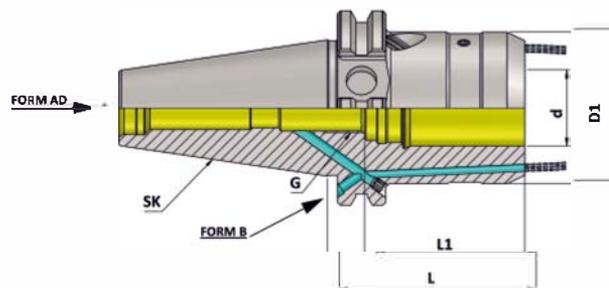
| Code | Description | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 | Euro |
|---------------|---------------|----|----|----|------|----|-----|----|----|------|------|
| 405.H20.RA.HT | BT40 HC20 120 | 20 | 42 | 46 | 52.5 | MB | 130 | 51 | 50 | 67.5 | |
| 405.H32.RA.HT | BT40 HC32 140 | 32 | 42 | 46 | 52.5 | MB | 150 | 51 | 50 | 67.5 | |
| 505.H20.RA.HT | BT50 HC20 130 | 20 | 42 | 46 | 52.5 | MB | 110 | 51 | 50 | 67.5 | |
| 505.H32.RA.HT | BT50 HC32 150 | 32 | 42 | 46 | 52.5 | MB | 125 | 51 | 50 | 67.5 | |

Hydraulic Expansion Chuck Heavy Duty power AD/AF

**HEAVY DUTY
POWER**

Mandrino Idraulico per impieghi gravosi AD/AF

| | | |
|----------------------|-------------------|----------|
| A ↗ ≤0.003 | RPM G2.5/25000 | AD/B |
|----------------------|-------------------|----------|



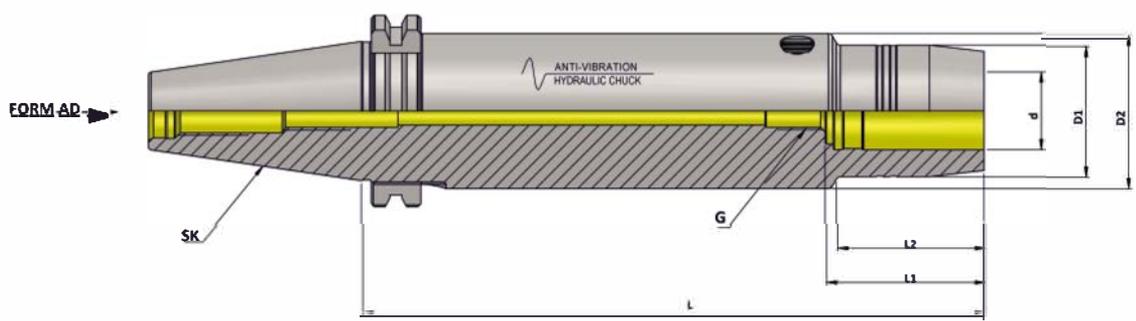
| Code | Description | ISO | d | D1 | G | L | L1 | Euro |
|---------------|---------------------|-----|----|----|-----|------|----|------|
| 305.H12.HD.HT | BT30 HC12S 069 FCC | 30 | 12 | 42 | M10 | 69 | 40 | |
| 305.H20.HD.HT | BT30 HC20S 090 FCC | 30 | 20 | 50 | M16 | 90 | 42 | |
| 405.H12.HD.HT | BT40 HC12S 058 FCC | 40 | 12 | 42 | M10 | 58 | 40 | |
| 405.H20.HD.HT | BT40 HC20S 72.5 FCC | 40 | 20 | 50 | M16 | 72.5 | 42 | |
| 505.H12.HD.HT | BT50 HC12S 069 FCC | 50 | 12 | 42 | M10 | 69 | 40 | |
| 505.H20.HD.HT | BT50 HC20S 083 FCC | 50 | 20 | 50 | M16 | 83 | 42 | |
| 505.H32.HD.HT | BT50 HC32S 090 FCC | 50 | 32 | 72 | M16 | 90 | 55 | |

Hydraulic Expansion Chuck Anti - Vibration AD

Mandrino Idraulico Anti vibrante AD

A ↗
≤0.010

AD



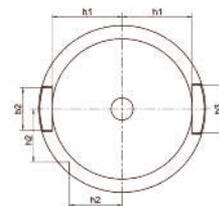
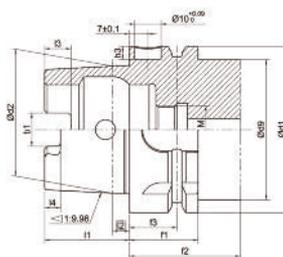
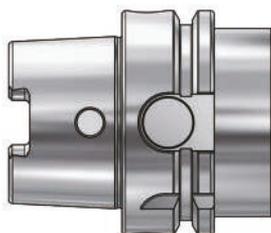
| Code | Description | d | D1 | D2 | G | L | L1 | L2 | Euro |
|--------------------|---------------------|----|----|------|-----|-----|----|----|------|
| 405.HC20 200.AV.HT | BT40 HC20 200 AD/AV | 20 | 42 | 49.5 | M16 | 200 | 51 | 47 | ● |
| 405.HC20 250.AV.HT | BT40 HC20 250 AD/AV | 20 | 42 | 49.5 | M16 | 250 | 51 | 47 | ● |
| 405.HC20 300.AV.HT | BT40 HC20 300 AD/AV | 20 | 42 | 49.5 | M16 | 300 | 51 | 47 | ● |
| 405.HC25 200.AV.HT | BT40 HC25 200 AD/AV | 25 | 52 | 55 | M16 | 200 | 57 | 50 | ● |
| 405.HC25 250.AV.HT | BT40 HC25 250 AD/AV | 25 | 52 | 55 | M16 | 250 | 57 | 50 | ● |
| 405.HC25 300.AV.HT | BT40 HC25 300 AD/AV | 25 | 52 | 55 | M16 | 300 | 57 | 50 | ● |
| 405.HC32 200.AV.HT | BT40 HC32 200 AD/AV | 32 | 62 | 63 | M16 | 200 | 61 | 48 | ● |
| 405.HC32 250.AV.HT | BT40 HC32 250 AD/AV | 32 | 62 | 63 | M16 | 250 | 61 | 48 | ● |
| 405.HC32 300.AV.HT | BT40 HC32 300 AD/AV | 32 | 62 | 63 | M16 | 300 | 61 | 48 | ● |



HSK-A Taper Standard

Cono HSK standard

Tool Holder DIN 69893 (ISO 12164) HSK-A



| Size | d1 | d2 | d9 | l1 | l2 | l3 | l4 | f1 | f2 | f3 | h1 | h2 | h3 | b1 | b2 | b3 |
|---------|-----|--------|----|----|-----|-----|-----|----|----|-----|------|------|-----|-------|----|----|
| HSK25A | 25 | 19.006 | 20 | 13 | 2.5 | 4 | 2 | 10 | 20 | 4.5 | 10 | 7.5 | - | 6.05 | 6 | 7 |
| HSK32A | 32 | 24.007 | 26 | 16 | 3.2 | 5 | 3 | 20 | 35 | 16 | 13 | 9.5 | 5.4 | 7.05 | 7 | 9 |
| HSK40A | 40 | 30.007 | 34 | 20 | 4 | 6 | 3.5 | 20 | 35 | 16 | 17 | 12 | 5.2 | 8.05 | 9 | 11 |
| HSK50A | 50 | 38.009 | 42 | 25 | 5 | 7.5 | 4.5 | 26 | 42 | 18 | 21 | 15.5 | 5.1 | 10.54 | 12 | 14 |
| HSK63A | 63 | 48.010 | 53 | 32 | 6.3 | 10 | 6 | 26 | 42 | 18 | 26.5 | 20 | 5.0 | 12.54 | 16 | 18 |
| HSK80A | 80 | 60.012 | 68 | 40 | 8 | 12 | 8 | 26 | 42 | 18 | 34 | 25 | 4.9 | 16.04 | 18 | 20 |
| HSK100A | 100 | 75.013 | 88 | 50 | 10 | 15 | 10 | 29 | 45 | 20 | 44 | 31.5 | 4.9 | 20.02 | 20 | 22 |

Taper standard/Standard cono: DIN 69893 ISO 12164

Material/Materiale: Alloyed case hardened steel/acciaio legato temprato

Surface Treatment/rattamento superficiale Blackening and Bright/annerimento e lucidatura

Taper tolerance/Tolleranza conica AT3

Hardness/Durezza HRC 56-60

Carbon depth/Profondità di carbonio: 0,8 0,2 mm

Surface Roughness/Rugosità superficiale Ra 0,2 m

Balancing/Bilanciatura G6.3/15000 G2.5/25000



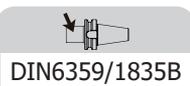
Socket type according to DIN6499
tipologia di presa secondo DIN6499



Run Out less than 0.003
Run Out inferiore a 0.003



Balance G2.5/ 25,000 rpm
Bilanciatura G2.5/ 25.000 Giri



Socket type according to DIN6359
tipologia di presa secondo DIN6359

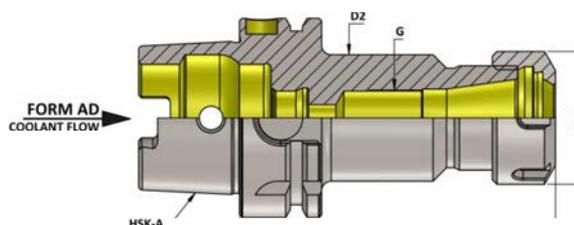
Disponibile magazzino Italia
 Disponibile in 48 ore
 Disponibile in 5giorni
 Disponibile in 20giorni

ER Collet Chuck

Mandrino ER



| | | | |
|---------|----------------|----------------|----|
| DIN6499 | A ≤ 0.003 | RPM G2.5/25000 | AD |
|---------|----------------|----------------|----|



| Code | Size | D1 | D2 | L1 | Capacity | Euro |
|----------------|--------------------|----|----|-----|----------|------|
| A63.02.10.HT | HSK-A 63 ER 16 100 | 32 | 28 | 100 | 0.5-10 | |
| A63.02.16.HT | HSK-A 63 ER 25 100 | 42 | 40 | 100 | 1.0-16 | |
| A63.02.20.HT | HSK-A 63 ER 32 100 | 50 | 48 | 100 | 2.0-20 | |
| A63.02.26.HT | HSK-A 63 ER 40 120 | 63 | - | 120 | 3.0-26 | |
| A63.02.10.0.HT | HSK-A 63 ER 16 130 | 32 | 28 | 130 | 0.5-10 | |
| A63.02.16.0.HT | HSK-A 63 ER 25 130 | 42 | 40 | 130 | 1.0-16 | |
| A63.02.20.0.HT | HSK-A 63 ER 32 130 | 50 | 48 | 130 | 2.0-20 | |
| A63.02.26.1.HT | HSK-A 63 ER 40 160 | 63 | - | 160 | 3.0-26 | |

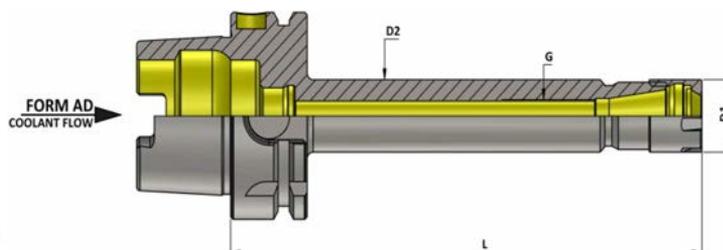
HSK100 disponibili in 20 giorni

ER MINI Collet Chuck

Mandrino MINI ER



| | | | |
|---------|----------------|----------------|----|
| DIN6499 | A ≤ 0.003 | RPM G2.5/25000 | AD |
|---------|----------------|----------------|----|



| Code | Size | D1 | D2 | L1 | Capacity | Euro |
|-------------------|-------------------|----|----|-----|----------|------|
| A63.02.07.1.HT | HSK63A-ER11M-100 | 16 | 16 | 100 | 1-7 | |
| A63.02.07.10.1.HT | HSK63A-ER16M-100 | 22 | 22 | 100 | 1-10 | |
| A63.02.07.2.HT | HSK63A-ER11M-160T | 16 | 16 | 160 | 1-7 | |
| A63.02.07.10.2.HT | HSK63A-ER16M-160T | 22 | 22 | 160 | 1-10 | |

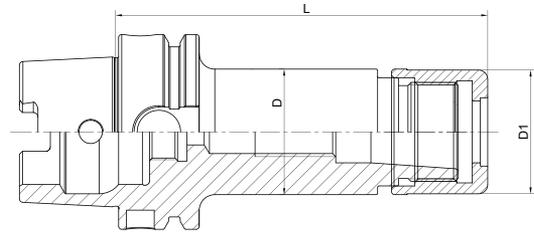
HSK100 disponibili in 20 giorni

High Speed SKS Collet Chuck

Mandrino SKS Alta Velocità



| | | |
|--------|------------|----|
| A ↗ | RPM | AD |
| ≤0.003 | G2.5/25000 | |



| Code | Size | D | D1 | L | Capacity | M | Euro |
|----------------|------------------|------|------|-----|----------|---------|------|
| A63.03.10.HT | HSK63A-SKS10-90 | 27.5 | 27.1 | 90 | 2-10 | M21.5*1 | |
| A63.03.10.2.HT | HSK63A-SKS10-120 | 27.5 | 27.1 | 120 | 2-10 | M21.5*1 | |
| A63.03.16.HT | HSK63A-SKS16-90 | 40.6 | 40 | 90 | 3-16 | M32*1.5 | |
| A63.03.16.2.HT | HSK63A-SKS16-120 | 40.6 | 40 | 120 | 3-16 | M32*1.5 | |

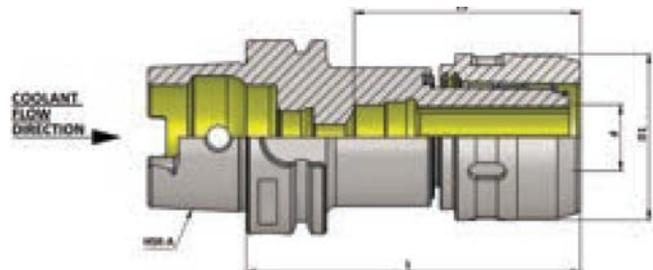
HSK100 disponibili in 20 giorni

Power Milling Chuck

Mandrino Forte Serraggio



| | |
|--------|----|
| A ↗ | AD |
| ≤0.008 | |



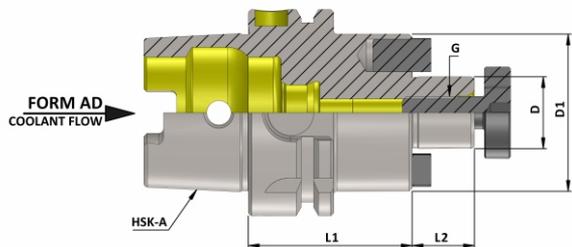
| Code | Size | d | D | L | Capacity | Euro |
|----------------|-----------------|----|----|-----|----------|------|
| A63.64.20.S.HT | HSK63A-HC20-100 | 20 | 50 | 100 | 3-16 20 | |
| A63.64.25.S.HT | HSK63A-HC25-100 | 25 | 59 | 100 | 3-20 25 | |
| A63.64.32.S.HT | HSK63A-HC32-120 | 32 | 72 | 120 | 3-25 32 | |

HSK100 disponibili in 20 giorni

Face Mill Holder

Mandrino porta frese a trascinamento

| | | | |
|---|--|---|--|
|  DIN6357 |  A ≤ 0.005 |  RPM G2.5/25000 |  AD |
|---|--|---|--|



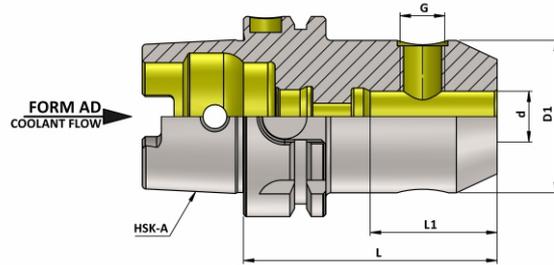
| Code | Size | d | D1 | L1 | L2 | G | Euro |
|----------------|--------------------|----|----|-----|----|-----------|------|
| A63.11.16.HT | HSK-A 63 FMH16 045 | 16 | 38 | 45 | 17 | M8 1.25P | ● |
| A63.11.22.HT | HSK-A 63 FMH22 050 | 22 | 48 | 50 | 19 | M10 1.5P | ● |
| A63.11.27.HT | HSK-A 63 FMH27 055 | 27 | 58 | 55 | 21 | M12 1.75P | ● |
| A63.11.32.HT | HSK-A 63 FMH32 060 | 32 | 78 | 60 | 24 | M16 2P | ● |
| A63.11.16.1.HT | HSK-A 63 FMH16 100 | 16 | 38 | 100 | 17 | M8 1.25P | ● |
| A63.11.22.1.HT | HSK-A 63 FMH22 100 | 22 | 48 | 100 | 19 | M10 1.5P | ● |
| A63.11.27.1.HT | HSK-A 63 FMH27 100 | 27 | 58 | 100 | 21 | M12 1.75P | ● |
| A63.11.32.1.HT | HSK-A 63 FMH32 100 | 32 | 78 | 100 | 24 | M16 2P | ● |

HSK100 disponibili in 20 giorni 🕒

End Mill Holder Weldon

Mandrino Weldon

| | | | |
|--|--|-------------------|---|
|  DIN6359/1835B |  A ↗ ≤0.005 | RPM G2.5/25000 |  AD |
|--|--|-------------------|---|



| Code | Size | d | D1 | L | L1 | G | Screw Q.ty | Euro |
|----------------|-------------------|----|----|-----|----|-------|------------|------|
| A63.04.06.HT | HSK-A 63 WE06 065 | 6 | 25 | 65 | 34 | M6 | 1 | |
| A63.04.08.HT | HSK-A 63 WE08 065 | 8 | 28 | 65 | 34 | M8 | 1 | |
| A63.04.10.HT | HSK-A 63 WE10 065 | 10 | 35 | 65 | 40 | M10 | 1 | |
| A63.04.12.HT | HSK-A 63 WE12 080 | 12 | 42 | 80 | 46 | M12 | 1 | |
| A63.04.16.HT | HSK-A 63 WE16 080 | 16 | 48 | 80 | 48 | M14 | 1 | |
| A63.04.20.HT | HSK-A 63 WE20 080 | 20 | 52 | 80 | 52 | M16 | 1 | |
| A63.04.25.HT | HSK-A 63 WE25 110 | 25 | 65 | 110 | 56 | M18 2 | 2 | |
| A63.04.32.HT | HSK-A 63 WE32 110 | 32 | 72 | 110 | 60 | M20 2 | 2 | |
| A63.04.40.HT | HSK-A 63 WE40 125 | 40 | 80 | 125 | 70 | M20 2 | 2 | |
| A63.04.06.1.HT | HSK-A 63 WE06 100 | 6 | 25 | 100 | 34 | M6 | 1 | |
| A63.04.08.1.HT | HSK-A 63 WE08 100 | 8 | 28 | 100 | 34 | M8 | 1 | |
| A63.04.10.1.HT | HSK-A 63 WE10 100 | 10 | 35 | 100 | 40 | M10 | 1 | |
| A63.04.12.1.HT | HSK-A 63 WE12 100 | 12 | 42 | 100 | 46 | M12 | 1 | |
| A63.04.16.1.HT | HSK-A 63 WE16 100 | 16 | 48 | 100 | 48 | M14 | 1 | |
| A63.04.20.1.HT | HSK-A 63 WE20 100 | 20 | 52 | 100 | 52 | M16 | 1 | |
| A63.04.25.1.HT | HSK-A 63 WE25 160 | 25 | 65 | 160 | 56 | M18 2 | 2 | |
| A63.04.32.1.HT | HSK-A 63 WE32 160 | 32 | 72 | 160 | 60 | M20 2 | 2 | |

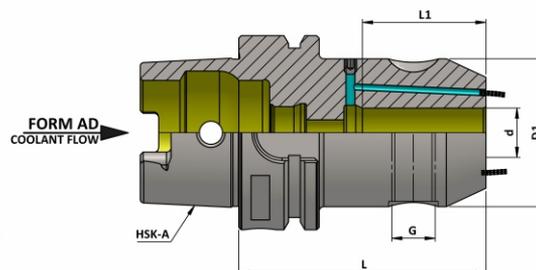
HSK100 disponibili in 20 giorni 

End Mill Holder Weldon Coolant Channels

Mandrino Weldon con lub. frontale



| | | | |
|---------------|------------|----------------|----|
| DIN6359/1835B | A ↗ ≤0.005 | RPM G2.5/25000 | AD |
|---------------|------------|----------------|----|

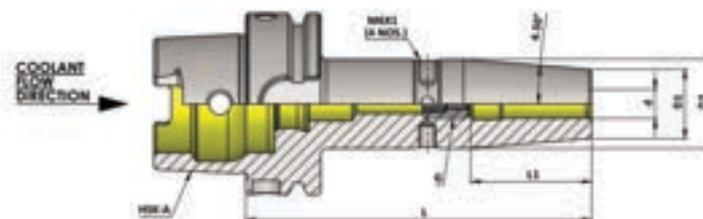


| Code | Size | d | D1 | G | L | L1 | Screw Q.ty | Euro | |
|------------------|---------------------|----|----|-----|-----|----|------------|------|---|
| A63.04.06.K.HT | HSK-A 63 WE06 065 K | 6 | 25 | M6 | 50 | 34 | 1 | | ● |
| A63.04.08.K.HT | HSK-A 63 WE08 065 K | 8 | 28 | M8 | 50 | 34 | 1 | | ● |
| A63.04.10.K.HT | HSK-A 63 WE10 065 K | 10 | 35 | M10 | 50 | 40 | 1 | | ● |
| A63.04.12.K.HT | HSK-A 63 WE12 080 K | 12 | 42 | M12 | 50 | 46 | 1 | | ● |
| A63.04.16.K.HT | HSK-A 63 WE16 080 K | 16 | 48 | M14 | 63 | 48 | 1 | | ● |
| A63.04.20.K.HT | HSK-A 63 WE20 080 K | 20 | 52 | M16 | 63 | 52 | 1 | | ● |
| A63.04.06.1.K.HT | HSK-A 63 WE06 100 K | 6 | 25 | M6 | 100 | 34 | 1 | | ● |
| A63.04.08.1.K.HT | HSK-A 63 WE08 100 K | 8 | 28 | M8 | 100 | 34 | 1 | | ● |
| A63.04.10.1.K.HT | HSK-A 63 WE10 100 K | 10 | 35 | M10 | 100 | 40 | 1 | | ● |
| A63.04.12.1.K.HT | HSK-A 63 WE12 100 K | 12 | 42 | M12 | 100 | 46 | 1 | | ● |
| A63.04.16.1.K.HT | HSK-A 63 WE16 100 K | 16 | 48 | M14 | 100 | 48 | 1 | | ● |
| A63.04.20.1.K.HT | HSK-A 63 WE20 100 K | 20 | 52 | M16 | 100 | 52 | 1 | | ● |
| A63.04.06.2.K.HT | HSK-A 63 WE06 130 K | 6 | 25 | M6 | 130 | 34 | 1 | | ◐ |
| A63.04.08.2.K.HT | HSK-A 63 WE08 130 K | 8 | 28 | M8 | 130 | 34 | 1 | | ◐ |
| A63.04.10.2.K.HT | HSK-A 63 WE10 130 K | 10 | 35 | M10 | 130 | 40 | 1 | | ◐ |
| A63.04.12.2.K.HT | HSK-A 63 WE12 130 K | 12 | 42 | M12 | 130 | 46 | 1 | | ◐ |
| A63.04.16.2.K.HT | HSK-A 63 WE16 130 K | 16 | 48 | M14 | 130 | 52 | 1 | | ◐ |
| A63.04.20.2.K.HT | HSK-A 63 WE20 130 K | 20 | 52 | M16 | 130 | 46 | 1 | | ◐ |
| A63.04.06.3.K.HT | HSK-A 63 WE06 160 K | 6 | 25 | M6 | 160 | 34 | 1 | | ◐ |
| A63.04.08.3.K.HT | HSK-A 63 WE08 160 K | 8 | 28 | M8 | 160 | 34 | 1 | | ◐ |
| A63.04.10.3.K.HT | HSK-A 63 WE10 160 K | 10 | 35 | M10 | 160 | 40 | 1 | | ◐ |
| A63.04.12.3.K.HT | HSK-A 63 WE12 160 K | 12 | 42 | M12 | 160 | 34 | 1 | | ◐ |
| A63.04.16.3.K.HT | HSK-A 63 WE16 160 K | 16 | 48 | M14 | 160 | 46 | 1 | | ◐ |
| A63.04.20.3.K.HT | HSK-A 63 WE20 160 K | 20 | 52 | M16 | 160 | 52 | 1 | | ◐ |

HSK100 disponibili in 20 giorni ◐

Shrink Fit Chuck, 4.5°, Standard AD**Mandrino a Calettare, 4,5° -AD**A ↗
≤0.003RPM
G2.5/25000

AD



| Code | Size | d | D | D1 | L | L1 | G | Euro |
|----------------|-----------------|----|----|------|-----|----|-------|------|
| A63.70.03.HT | HSK63A-SF03-80 | 3 | 15 | 20 | 80 | - | - | |
| A63.70.04.HT | HSK63A-SF04-80 | 4 | 15 | 20 | 80 | - | - | |
| A63.70.06..HT | HSK63A-SF06-80 | 6 | 21 | 26.5 | 80 | 36 | M5 | |
| A63.70.08.HT | HSK63A-SF08-80 | 8 | 21 | 26.5 | 80 | 36 | M6 | |
| A63.70.10.HT | HSK63A-SF10-85 | 10 | 24 | 30.5 | 85 | 42 | M8x1 | |
| A63.70.12.HT | HSK63A-SF12-90 | 12 | 24 | 31 | 90 | 47 | M10x1 | |
| A63.70.16.HT | HSK63A-SF16-95 | 16 | 27 | 34 | 95 | 50 | M12x1 | |
| A63.70.20.HT | HSK63A-SF20-100 | 20 | 33 | 42 | 100 | 52 | M16x1 | |
| A63.70.03.1.HT | HSK63A-SF03-120 | 3 | 15 | 20 | 120 | - | - | |
| A63.70.04.1.HT | HSK63A-SF04-120 | 4 | 15 | 20 | 120 | - | - | |
| A63.70.06.1.HT | HSK63A-SF06-120 | 6 | 21 | 27 | 120 | 36 | M5 | |
| A63.70.08.1.HT | HSK63A-SF08-120 | 8 | 21 | 27 | 120 | 36 | M6 | |
| A63.70.10.1.HT | HSK63A-SF10-120 | 10 | 24 | 32 | 120 | 42 | M8x1 | |
| A63.70.12.1.HT | HSK63A-SF12-120 | 12 | 24 | 32 | 120 | 47 | M10x1 | |
| A63.70.16.1.HT | HSK63A-SF16-120 | 16 | 27 | 34 | 120 | 50 | M12x1 | |
| A63.70.20.1.HT | HSK63A-SF20-120 | 20 | 33 | 42 | 120 | 52 | M16x1 | |

Lunghezza 160mm e 200mm disponibile in 20 giorni
 HSK100 disponibili in 20 giorni

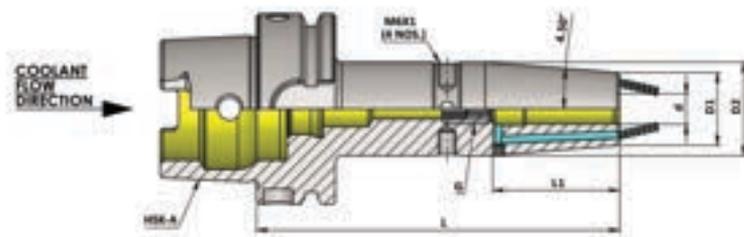


Shrink Fit Chuck, 4.5°, Coolant Mandrino a Calettare 4,5°, 2 fori di lub .AD

A ↗
≤0.003

RPM
G2.5/25000

AD



| Code | Size | d | D | D1 | L | L1 | N | G | Euro |
|------------------|------------------|----|----|------|-----|----|----|-------|------|
| A63.70.03.K.HT | HSK63A-SF03-80K | 3 | 15 | 20 | 80 | - | - | - | |
| A63.70.04.K.HT | HSK63A-SF04-80K | 4 | 15 | 20 | 80 | - | - | - | |
| A63.70.06.K.HT | HSK63A-SF06-80K | 6 | 21 | 26.5 | 80 | 36 | 10 | M5 | |
| A63.70.08.K.HT | HSK63A-SF08-80K | 8 | 21 | 26.5 | 80 | 36 | 10 | M6 | |
| A63.70.10.K.HT | HSK63A-SF10-85K | 10 | 24 | 30.5 | 85 | 42 | 10 | M8x1 | |
| A63.70.12.K.HT | HSK63A-SF12-90K | 12 | 24 | 31 | 90 | 47 | 10 | M10x1 | |
| A63.70.16.K.HT | HSK63A-SF16-95K | 16 | 27 | 34 | 95 | 50 | 10 | M12x1 | |
| A63.70.20.K.HT | HSK63A-SF20-100K | 20 | 33 | 42 | 100 | 52 | 10 | M16x1 | |
| A63.70.03.1.K.HT | HSK63A-SF03-120K | 3 | 15 | 20 | 120 | - | - | - | |
| A63.70.04.1.K.HT | HSK63A-SF04-120K | 4 | 15 | 20 | 120 | - | - | - | |
| A63.70.06.1.K.HT | HSK63A-SF06-120K | 6 | 21 | 27 | 120 | 36 | 10 | M5 | |
| A63.70.08.1.K.HT | HSK63A-SF08-120K | 8 | 21 | 27 | 120 | 36 | 10 | M6 | |
| A63.70.10.1.K.HT | HSK63A-SF10-120K | 10 | 24 | 32 | 120 | 42 | 10 | M8x1 | |
| A63.70.12.1.K.HT | HSK63A-SF12-120K | 12 | 24 | 32 | 120 | 47 | 10 | M10x1 | |
| A63.70.16.1.K.HT | HSK63A-SF16-120K | 16 | 27 | 34 | 120 | 50 | 10 | M12x1 | |
| A63.70.20.1.K.HT | HSK63A-SF20-120K | 20 | 33 | 42 | 120 | 52 | 10 | M16x1 | |

Lunghezza 160mm e 200mm disponibile 5 giorni
HSK100 disponibili in 20 giorni

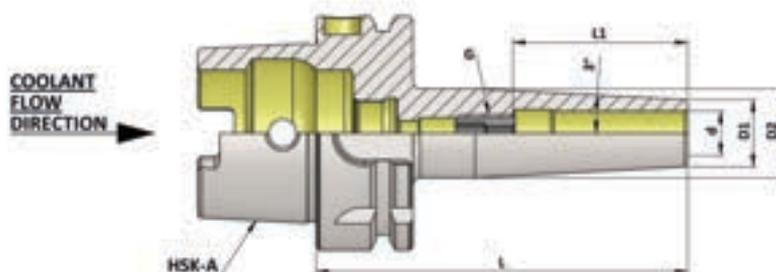


Shrink Fit Chuck, Slim, 3°

Mandrino a calettare, SLIM, 3°

A ↗
≤0.003RPM
G2.5/25000

AD



| Code | Size | d | D | D1 | L | L1 | G | Euro |
|----------------|------------------|----|----|------|-----|----|-------|------|
| A63.72.03.HT | HSK63A-SFS03-80 | 3 | 9 | 14 | 80 | - | - | |
| A63.72.04.HT | HSK63A-SFS04-80 | 4 | 10 | 15.4 | 80 | - | - | |
| A63.72.06.HT | HSK63A-SFS06-80 | 6 | 12 | 17.4 | 80 | 36 | M5 | |
| A63.72.08.HT | HSK63A-SFS08-80 | 8 | 14 | 19.4 | 80 | 36 | M6 | |
| A63.72.10.HT | HSK63A-SFS10-85 | 10 | 16 | 21.8 | 85 | 42 | M8x1 | |
| A63.72.12.HT | HSK63A-SFS12-90 | 12 | 18 | 24.4 | 90 | 47 | M10x1 | |
| A63.72.16.HT | HSK63A-SFS16-95 | 16 | 22 | 28.7 | 95 | 50 | M12x1 | |
| A63.72.03.1.HT | HSK63A-SFS03-120 | 3 | 9 | 18.4 | 120 | - | - | |
| A63.72.04.1.HT | HSK63A-SFS04-120 | 4 | 10 | 19.4 | 120 | - | - | |
| A63.72.06.1.HT | HSK63A-SFS06-120 | 6 | 12 | 21.4 | 120 | 36 | M5 | |
| A63.72.08.1.HT | HSK63A-SFS08-120 | 8 | 14 | 23.4 | 120 | 36 | M6 | |
| A63.72.10.1.HT | HSK63A-SFS10-120 | 10 | 16 | 25.4 | 120 | 42 | M8x1 | |
| A63.72.12.1.HT | HSK63A-SFS12-120 | 12 | 18 | 27.4 | 120 | 47 | M10x1 | |
| A63.72.16.1.HT | HSK63A-SFS16-120 | 16 | 22 | 31.4 | 120 | 50 | M12x1 | |
| A63.72.03.2.HT | HSK63A-SFS03-160 | 3 | 9 | 22.5 | 160 | - | - | |
| A63.72.04.2.HT | HSK63A-SFS04-160 | 4 | 10 | 23.5 | 160 | - | - | |
| A63.72.06.2.HT | HSK63A-SFS06-160 | 6 | 12 | 25.5 | 160 | 36 | M5 | |
| A63.72.08.2.HT | HSK63A-SFS08-160 | 8 | 14 | 27.5 | 160 | 36 | M6 | |
| A63.72.10.2.HT | HSK63A-SFS10-160 | 10 | 16 | 29.5 | 160 | 42 | M8x1 | |
| A63.72.12.2.HT | HSK63A-SFS12-160 | 12 | 18 | 31.5 | 160 | 47 | M10x1 | |
| A63.72.16.2.HT | HSK63A-SFS16-160 | 16 | 22 | 35.5 | 160 | 50 | M12x1 | |

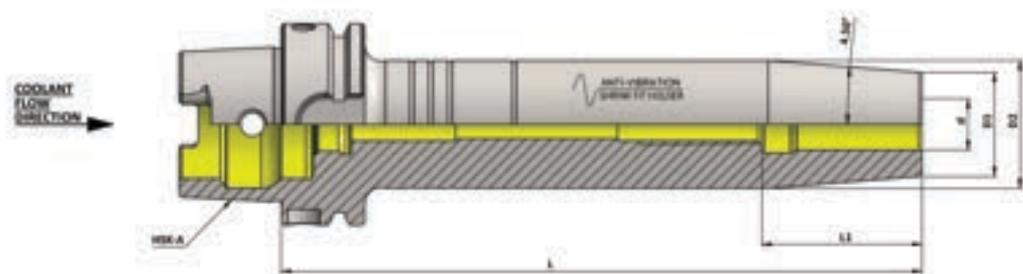
HSK1000 disponibili in 20 giorni

Shrink fit Holder Anti-vibration AD

Mandrino a Calettare Anti-Vibrante ,4,5° AD

A ↗
≤0.010

AD



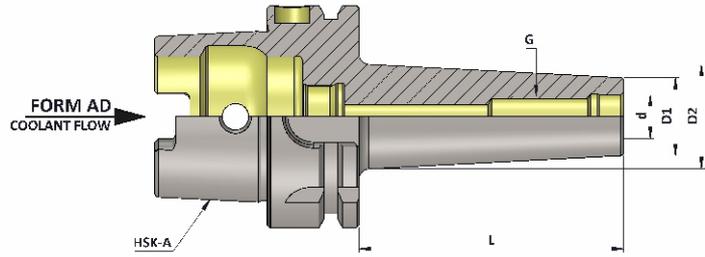
| Code | Size | d | D2 | D1 | L | L1 | Euro |
|----------------|-----------------------|----|----|----|-----|----|------|
| A63.75.16.HT | HSK-A 63 SFH16 200 AV | 16 | 27 | 34 | 200 | 49 | ● |
| A63.75.16.1.HT | HSK-A 63 SFH16 250 AV | 16 | 27 | 34 | 250 | 49 | ● |
| A63.75.16.2.HT | HSK-A 63 SFH16 300 AV | 16 | 27 | 34 | 300 | 49 | ● |
| A63.75.20.HT | HSK-A 63 SFH20 200 AV | 20 | 33 | 40 | 200 | 51 | ● |
| A63.75.20.1.HT | HSK-A 63 SFH20 250 AV | 20 | 33 | 40 | 250 | 51 | ● |
| A63.75.20.2.HT | HSK-A 63 SFH20 300 AV | 20 | 33 | 40 | 300 | 51 | ● |
| A63.75.25.HT | HSK-A 63 SFH25 200 AV | 25 | 44 | 53 | 200 | 57 | ● |
| A63.75.25.1.HT | HSK-A 63 SFH25 250 AV | 25 | 44 | 53 | 250 | 57 | ● |
| A63.75.25.2.HT | HSK-A 63 SFH25 300 AV | 25 | 44 | 53 | 300 | 57 | ● |
| A63.75.32.HT | HSK-A 63 SFH32 200 AV | 32 | 44 | 53 | 200 | 61 | ● |
| A63.75.32.1.HT | HSK-A 63 SFH32 250 AV | 32 | 44 | 53 | 250 | 61 | ● |
| A63.75.32.2.HT | HSK-A 63 SFH32 300 AV | 32 | 44 | 53 | 300 | 61 | ● |

Milling Cutter Arbor AD

Mandrino per testine fill. AD



| | | |
|---------------|-------------------|----|
| A ↗ ≤0.005 | RPM G2.5/25000 | AD |
|---------------|-------------------|----|



| Code | Size | d | D1 | D2 | G | L | Euro |
|----------------|--------------------|------|----|------|-----|-----|------|
| A63.06.06.HT | HSK-A 63 MCA06 025 | 6.5 | 10 | 13 | M6 | 25 | ● |
| A63.06.08.HT | HSK-A 63 MCA08 025 | 8.5 | 13 | 15 | M8 | 25 | ● |
| A63.06.08.1.HT | HSK-A 63 MCA08 050 | 8.5 | 13 | 23 | M8 | 50 | ● |
| A63.06.08.2.HT | HSK-A 63 MCA08 075 | 8.5 | 13 | 23 | M8 | 75 | ● |
| A63.06.08.3.HT | HSK-A 63 MCA08 100 | 8.5 | 13 | 25 | M8 | 100 | ● |
| A63.06.10.HT | HSK-A 63 MCA10 025 | 10.5 | 18 | 20 | M10 | 25 | ● |
| A63.06.10.1.HT | HSK-A 63 MCA10 050 | 10.5 | 18 | 23 | M10 | 50 | ● |
| A63.06.10.2.HT | HSK-A 63 MCA10 075 | 10.5 | 18 | 28 | M10 | 75 | ● |
| A63.06.10.3.HT | HSK-A 63 MCA10 100 | 10.5 | 18 | 32 | M10 | 100 | ● |
| A63.06.12.HT | HSK-A 63 MCA10 150 | 12.5 | 21 | 24 | M12 | 25 | ● |
| A63.06.12.1.HT | HSK-A 63 MCA12 025 | 12.5 | 21 | 24 | M12 | 50 | ● |
| A63.06.12.2.HT | HSK-A 63 MCA12 050 | 12.5 | 21 | 31 | M12 | 75 | ● |
| A63.06.12.3.HT | HSK-A 63 MCA12 075 | 12.5 | 21 | 33 | M12 | 100 | ● |
| A63.06.12.4.HT | HSK-A 63 MCA12 100 | 12.5 | 21 | 36 | M12 | 125 | ● |
| A63.06.12.HT | HSK-A 63 MCA12 150 | 17.0 | 29 | 29 | M16 | 25 | ● |
| A63.06.16.1.HT | HSK-A 63 MCA16 025 | 17.0 | 29 | 34 | M16 | 50 | ● |
| A63.06.16.2.HT | HSK-A 63 MCA16 050 | 17.0 | 29 | 34 | M16 | 75 | ● |
| A63.06.16.3.HT | HSK-A 63 MCA16 075 | 17.0 | 29 | 36 | M16 | 100 | ● |
| A63.06.16.4.HT | HSK-A 63 MCA16 100 | 17.0 | 29 | 40 | M16 | 125 | ● |
| A63.06.16.5.HT | HSK-A 63 MCA16 150 | 17.0 | 29 | 42.5 | M16 | 150 | ● |

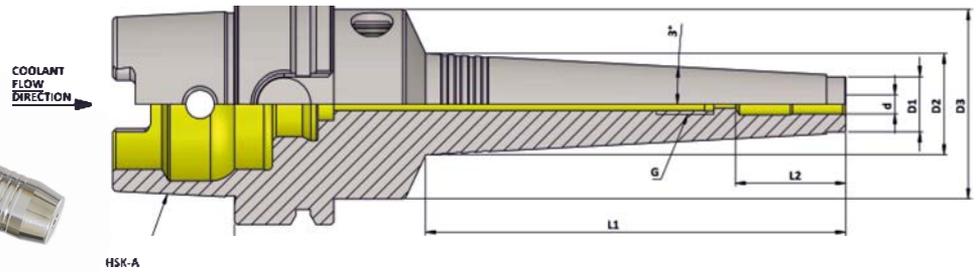
Hydraulic Expansion Chuck SLIM 3° AD/AF

Mandrino Idraulico SLIM 3° AD/AF

A ↗
≤0.003

RPM
G2.5/25000

AD



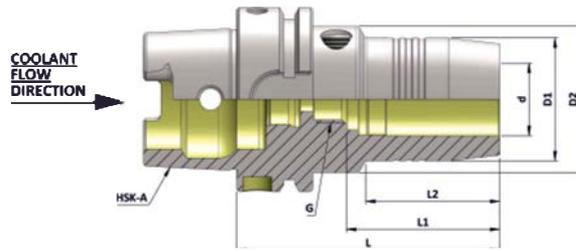
Tool Holder - DIN 69893

| Code | Description | d | D1 | D2 | D3 | G | L | L1 | L2 | Euro |
|-------------------|------------------------|----|----|------|------|-----|-----|-----|----|------|
| 63A.H03.080.SL.HT | HSK-A 63 HC03 080 SLIM | 3 | 11 | 14.0 | 46 | - | 80 | 28 | 28 | ● |
| 63A.H03.090.SL.HT | HSK-A 63 HC03 090 SLIM | 3 | 11 | 14.9 | 46 | - | 90 | 37 | 28 | ● |
| 63A.H03.135.SL.HT | HSK-A 63 HC03 135 SLIM | 3 | 11 | 19.9 | 46 | - | 135 | 84 | 28 | ● |
| 63A.H04.080.SL.HT | HSK-A 63 HC04 080 SLIM | 4 | 11 | 14.0 | 46 | - | 80 | 28 | 28 | ● |
| 63A.H04.090.SL.HT | HSK-A 63 HC04 090 SLIM | 4 | 11 | 14.9 | 46 | - | 90 | 37 | 28 | ● |
| 63A.H04.135.SL.HT | HSK-A 63 HC04 135 SLIM | 4 | 11 | 19.9 | 46 | - | 135 | 84 | 28 | ● |
| 63A.H06.135.SL.HT | HSK-A 63 HC06 135 SLIM | 6 | 13 | 17.0 | 46 | M5 | 90 | 38 | 37 | ● |
| 63A.H06.150.SL.HT | HSK-A 63 HC06 150 SLIM | 6 | 13 | 21.9 | 46 | M5 | 135 | 84 | 37 | ● |
| 63A.H06.165.SL.HT | HSK-A 63 HC06 165 SLIM | 6 | 13 | 23.4 | 46 | M5 | 150 | 99 | 37 | ● |
| 63A.H06.180.SL.HT | HSK-A 63 HC06 180 SLIM | 6 | 13 | 25.0 | 46 | M5 | 165 | 114 | 37 | ● |
| 63A.H08.090.SL.HT | HSK-A 63 HC08 090 SLIM | 6 | 13 | 26.7 | 46 | M5 | 180 | 130 | 37 | ● |
| 63A.H08.135.SL.HT | HSK-A 63 HC08 135 SLIM | 8 | 15 | 19.0 | 46 | M6 | 90 | 38 | 37 | ● |
| 63A.H08.150.SL.HT | HSK-A 63 HC08 150 SLIM | 8 | 15 | 23.9 | 46 | M6 | 135 | 84 | 37 | ● |
| 63A.H08.165.SL.HT | HSK-A 63 HC08 165 SLIM | 8 | 15 | 25.4 | 46 | M6 | 150 | 99 | 37 | ● |
| 63A.H08.180.SL.HT | HSK-A 63 HC08 180 SLIM | 8 | 15 | 27.0 | 46 | M6 | 165 | 114 | 37 | ● |
| 63A.H10.105.SL.HT | HSK-A 63 HC10 105 SLIM | 8 | 15 | 28.7 | 46 | M6 | 180 | 130 | 37 | ● |
| 63A.H10.135.SL.HT | HSK-A 63 HC10 135 SLIM | 10 | 17 | 22.6 | 46 | MS | 105 | 53 | 41 | ● |
| 63A.H10.150.SL.HT | HSK-A 63 HC10 150 SLIM | 10 | 17 | 25.9 | 46 | MS | 135 | 84 | 41 | ● |
| 63A.H10.165.SL.HT | HSK-A 63 HC10 165 SLIM | 10 | 17 | 27.4 | 46 | MS | 150 | 99 | 41 | ● |
| 63A.H10.180.SL.HT | HSK-A 63 HC10 180 SLIM | 10 | 17 | 29.0 | 46 | MS | 165 | 114 | 41 | ● |
| 63A.H12.105.SL.HT | HSK-A 63 HC12 105 SLIM | 10 | 17 | 30.7 | 46 | MS | 180 | 130 | 41 | ● |
| 63A.H12.105.SL.HT | HSK-A 63 HC12 105 SLIM | 12 | 19 | 24.6 | 46 | MS | 105 | 53 | 46 | ● |
| 63A.H12.135.SL.HT | HSK-A 63 HC12 135 SLIM | 12 | 19 | 27.9 | 46 | MS | 135 | 84 | 46 | ● |
| 63A.H12.150.SL.HT | HSK-A 63 HC12 150 SLIM | 12 | 19 | 29.4 | 46 | MS | 150 | 99 | 46 | ● |
| 63A.H12.165.SL.HT | HSK-A 63 HC12 165 SLIM | 12 | 19 | 31.0 | 46 | MS | 165 | 114 | 46 | ● |
| 63A.H12.180.SL.HT | HSK-A 63 HC12 180 SLIM | 12 | 19 | 32.7 | 46 | MS | 180 | 130 | 46 | ● |
| 63A.H16.135.SL.HT | HSK-A 63 HC16 135 SLIM | 16 | 23 | 31.9 | 52.5 | M12 | 135 | 84 | 49 | ● |
| 63A.H16.165.SL.HT | HSK-A 63 HC16 165 SLIM | 16 | 23 | 35.0 | 52.5 | M12 | 165 | 114 | 49 | ● |
| 63A.H16.180.SL.HT | HSK-A 63 HC16 180 SLIM | 16 | 23 | 36.6 | 52.5 | M12 | 180 | 129 | 49 | ● |
| 63A.H20.150.SL.HT | HSK-A 63 HC20 150 SLIM | 20 | 28 | 36.9 | 60 | M16 | 150 | 84 | 51 | ● |
| 63A.H20.180.SL.HT | HSK-A 63 HC20 180 SLIM | 20 | 28 | 40.0 | 60 | M16 | 180 | 114 | 51 | ● |
| 63A.H20.195.SL.HT | HSK-A 63 HC20 195 SLIM | 20 | 28 | 41.6 | 60 | M16 | 195 | 129 | 51 | ● |

Hydraulic Expansion Chuck AD

Mandrino Idraulico AD

| | | |
|---------------|-------------------|--------|
| A ↗ ≤0.003 | RPM G2.5/25000 | AD |
|---------------|-------------------|--------|



| Code | Description | d | D1 | D2 | G | L | L1 | L2 | Euro |
|----------------|------------------|----|----|----|-----|-----|----|-----|------|
| 63A.H06.70.HT | HSK-A 63 H06 070 | 6 | 26 | 50 | M5 | 70 | 37 | 24 | ● |
| 63A.H06.120.HT | HSK-A 63 H06 120 | 6 | 26 | 50 | M5 | 120 | 37 | 73 | ● |
| 63A.H06.150.HT | HSK-A 63 H06 150 | 6 | 26 | 50 | M5 | 150 | 37 | 103 | ● |
| 63A.H06.200.HT | HSK-A 63 H06 200 | 6 | 26 | 50 | M5 | 200 | 37 | 153 | ● |
| 63A.H08.70.HT | HSK-A 63 H08 070 | 8 | 28 | 50 | M6 | 70 | 37 | 25 | ● |
| 63A.H08.120.HT | HSK-A 63 H08 120 | 8 | 28 | 50 | M6 | 120 | 37 | 74 | ● |
| 63A.H08.150.HT | HSK-A 63 H08 150 | 8 | 28 | 50 | M6 | 150 | 37 | 104 | ● |
| 63A.H08.200.HT | HSK-A 63 H08 200 | 8 | 28 | 50 | M6 | 200 | 37 | 154 | ● |
| 63A.H10.80.HT | HSK-A 63 H10 080 | 10 | 30 | 50 | M8 | 80 | 41 | 35 | ● |
| 63A.H10.120.HT | HSK-A 63 H10 120 | 10 | 30 | 50 | M8 | 120 | 41 | 74 | ● |
| 63A.H10.150.HT | HSK-A 63 H10 150 | 10 | 30 | 50 | M8 | 150 | 41 | 104 | ● |
| 63A.H10.200.HT | HSK-A 63 H10 200 | 10 | 30 | 50 | M8 | 200 | 41 | 154 | ● |
| 63A.H12.85.HT | HSK-A 63 H12 085 | 12 | 32 | 50 | M10 | 85 | 46 | 40 | ● |
| 63A.H12.120.HT | HSK-A 63 H12 120 | 12 | 32 | 50 | M10 | 120 | 46 | 75 | ● |
| 63A.H12.150.HT | HSK-A 63 H12 150 | 12 | 32 | 50 | M10 | 150 | 46 | 105 | ● |
| 63A.H12.200.HT | HSK-A 63 H12 200 | 12 | 32 | 50 | M10 | 200 | 46 | 155 | ● |
| 63A.H16.90.HT | HSK-A 63 H16 090 | 16 | 38 | 50 | M12 | 90 | 49 | 46 | ● |
| 63A.H16.120.HT | HSK-A 63 H16 120 | 16 | 38 | 50 | M12 | 120 | 49 | 76 | ● |
| 63A.H16.150.HT | HSK-A 63 H16 150 | 16 | 38 | 50 | M12 | 150 | 49 | 106 | ● |
| 63A.H16.200.HT | HSK-A 63 H16 200 | 16 | 38 | 50 | M12 | 200 | 49 | 156 | ● |
| 63A.H20.90.HT | HSK-A 63 H20 090 | 20 | 42 | 50 | M16 | 90 | 51 | 48 | ● |
| 63A.H20.120.HT | HSK-A 63 H20 120 | 20 | 42 | 50 | M16 | 120 | 51 | 78 | ● |
| 63A.H20.150.HT | HSK-A 63 H20 150 | 20 | 42 | 50 | M16 | 150 | 51 | 108 | ● |
| 63A.H20.200.HT | HSK-A 63 H20 200 | 20 | 42 | 50 | M16 | 200 | 51 | 158 | ● |

Hydraulic Collet Set

Set Mandrino Idraulico con Riduzioni

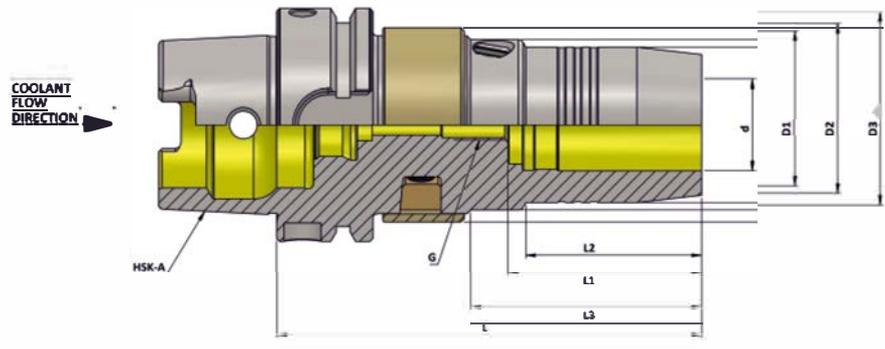


| Code | Hydraulic chuck | Hydraulic Collet | Collet Quantity | key Size | Euro |
|------------|-----------------|-------------------|-----------------|----------|----------|
| A63.H20SRD | HSK63A-HY20-90 | HY20-6.8.10.12.16 | 5pcs | 5L | 429,40 € |

Hydraulic Expansion Chuck with "Run Out" adjustment AD

Mandrino Idraulico con regolazione assiale AD

| | | |
|---------------|-------------------|----|
| A ↗ ≤0.003 | RPM G2.5/25000 | AD |
|---------------|-------------------|----|



Tool Holder - DIN 69893

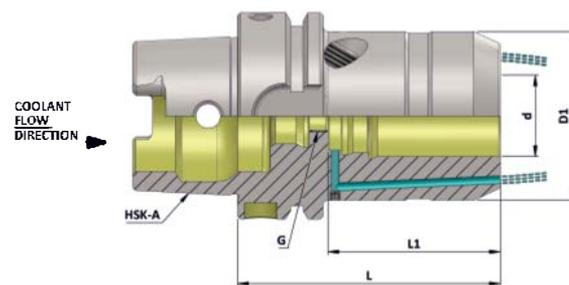
| Code | Description | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 | Euro |
|----------------|-------------------|----|----|----|------|----|-----|----|----|------|------|
| 63A.H20.RA.HT | HSK-A63 H20 115 A | 20 | 42 | 46 | 52.5 | MB | 115 | 51 | 50 | 65.5 | ● |
| 63A.H32.RA.HT | HSK-A 63 H32 150 | 32 | 42 | 46 | 52.5 | MB | 150 | 51 | 50 | 65.5 | ● |
| 100A.H20.RA.HT | HSK-A100 H20 120 | 20 | 42 | 46 | 52.5 | MB | 120 | 51 | 50 | 65.5 | ● |
| 100A.H32.RA.HT | HSK-A 100 H32 150 | 32 | 42 | 46 | 52.5 | MB | 150 | 51 | 50 | 65.5 | ● |

EAVY DUTY

Hydraulic Expansion Chuck Heavy Duty power AD

Mandrino Idraulico per impieghi gravosi AD

| | | |
|---------------|-------------------|----|
| A ↗ ≤0.003 | RPM G2.5/25000 | AD |
|---------------|-------------------|----|



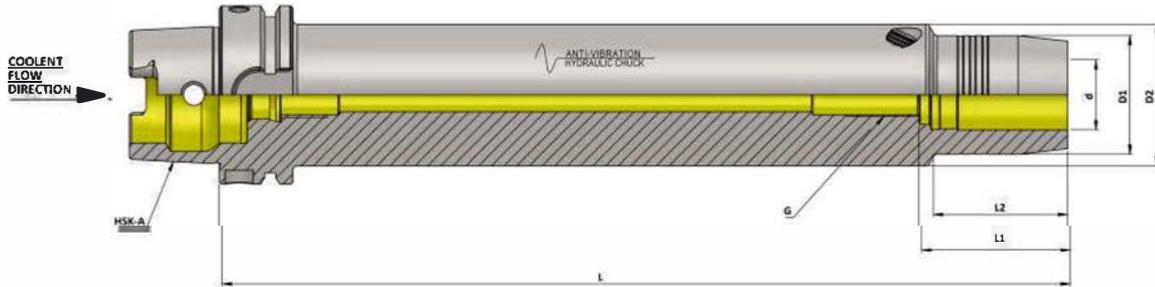
| Code | Description | d | D1 | G | L | L1 | Euro |
|----------------|------------------------|----|----|-----|-----|----|------|
| 63A.H12.HD.HT | HSK-A 63 H12S 080 FCC | 12 | 42 | | 80 | 40 | ● |
| 63A.H20.HD.HT | HSK-A 63 H20S 080 FCC | 20 | 50 | | 80 | 42 | ● |
| 100A.H12.HD.HT | HSK-A 100 H12S 095 FCC | 12 | 42 | M10 | 95 | 40 | ● |
| 100A.H20.HD.HT | HSK-A 100 H20S 090 FCC | 20 | 50 | | 90 | 42 | ● |
| 100A.H32.HD.HT | HSK-A 100 H32S 110 FCC | 32 | 72 | M16 | 110 | 55 | ● |

Hydraulic Expansion Chuck Anti - Vibration AD

Mandrino Idraulico Anti vibrante AD

A ↗
≤0.010

AD

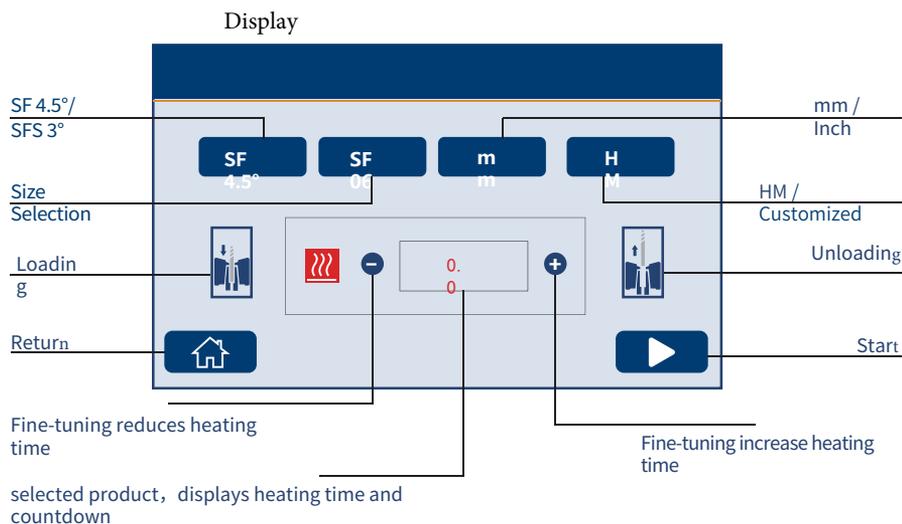


| Code | Description | d | D1 | D2 | G | L | L1 | L2 | Euro |
|------------------|------------------------|----|----|------|-----|-----|----|----|------|
| 63A.H20.200AV.HT | HSK-A 63 H20 200 AD/AV | 20 | 42 | 49.5 | M16 | 200 | 51 | 47 | ● |
| 63A.H20.250AV.HT | HSK-A 63 H20 250 AD/AV | 20 | 42 | 49.5 | M16 | 250 | 51 | 47 | ● |
| 63A.H20.300AV.HT | HSK-A 63 H20 300 AD/AV | 20 | 42 | 49.5 | M16 | 300 | 51 | 47 | ● |
| 63A.H25.200AV.HT | HSK-A 63 H25 200 AD/AV | 25 | 52 | 55 | M16 | 200 | 57 | 50 | ● |
| 63A.H25.250AV.HT | HSK-A 63 H5 250 AD/AV | 25 | 52 | 55 | M16 | 250 | 57 | 50 | ● |
| 63A.H25.300AV.HT | HSK-A 63 H25 300 AD/AV | 25 | 52 | 55 | M16 | 300 | 57 | 50 | ● |
| 63A.H32.200AV.HT | HSK-A 63 H32 200 AD/AV | 32 | 62 | 63 | M16 | 200 | 61 | 48 | ● |
| 63A.H32.250AV.HT | HSK-A 63 H32 250 AD/AV | 32 | 62 | 63 | M16 | 250 | 61 | 48 | ● |
| 63A.H32.300AV.HT | HSK-A 63 H32 300 AD/AV | 32 | 62 | 63 | M16 | 300 | 61 | 48 | ● |

EShrink fit machine cooling version

Macchina a Calettare completa di raffreddamento

- Tecnologia con dilatazione termica del mandrino.
- Display touch da 7", impostazione automatica dei parametri, semplice utilizzo
- Utilizzato con utensili da taglio
- Raffreddamento con chiller



| Code | Power | Power | D | DxWxH | Euro |
|----------|----------|-------|--------|-------------|-------------|
| 70100.HT | 380V 50H | 15KW | ø3-ø32 | 690x550x820 | 11.500,00 € |

4.1 Machine Technical Data

| Size | 70100.HT | Water Containers |
|---------------------------------|---------------------------|----------------------------|
| Voltage: | 3 x 380V 50HZ 3 x 25 A | 220V 50-60HZ 0.4 -3.7 A |
| Nominal | 15 KW | 0.75-1 KW |
| Power: Weight: | 50 KG | 10 KG |
| Dimensions: Len. x Wi. x H (mm) | 690x550x820 | |

4.2 Tool Diameter Tolerance

| Shaft Diameter | Tolerance |
|----------------|-----------|
| 3 mm | H4 |
| 4 mm | H4 |
| 5 mm | H5 |
| 6 - 32mm | H6 |

Set di adattatori per la sostituzione del portautensili lo standard per BT/SK/CAT 40, un altro per HSK63, altri set di adattatori specifici devono essere acquistati separatamente.



1 porta mandrino base

2 adattatori

1 un set di anelli di stop

1 pinza per anelli

1 guanti protettivi

1 occhiali



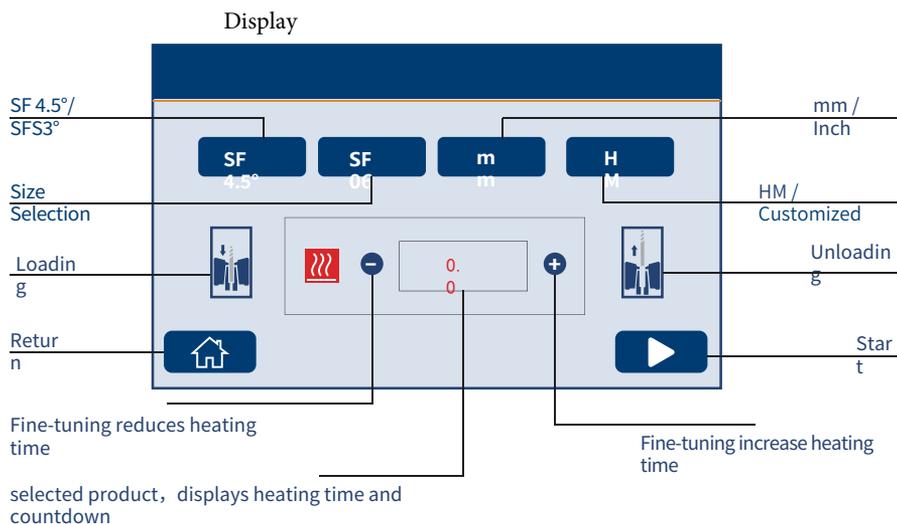
1 Refrigeratore industriale

istruzioni per l'uso di corredo

EShrink fit machine

Macchina a Calettare

- Tecnologia con dilatazione termica del mandrino.
- Display touch da 7", impostazione automatica dei parametri, semplice utilizzo
- Utilizzato con utensili da taglio



| Code | Power | Power | D | DxWxH | Euro |
|-----------------|----------|-------|--------|-------------|-------------------|
| 50100.HT | 380V 50H | 15KW | ø3-ø32 | 740 580 845 | 7.250,00 € |

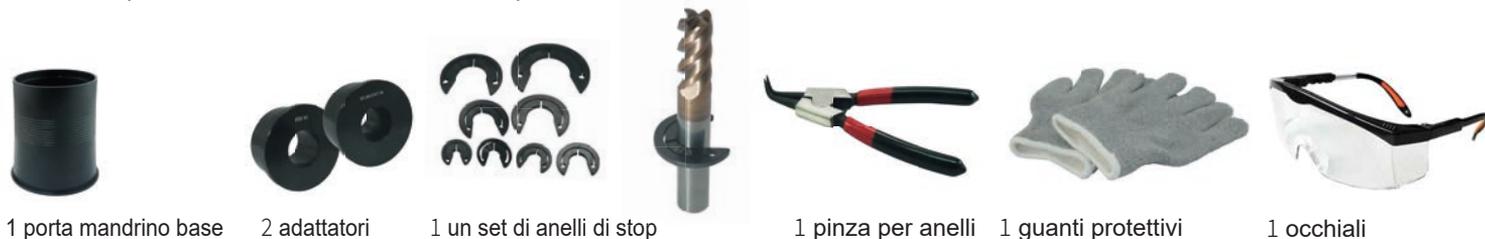
4.1 Machine Technical Data

| Size: | 50100.HT |
|---------------------------------|------------------------|
| Voltage: | 3 x 380V 50HZ 3 x 25 A |
| Nominal Power: | 15 KW |
| Weight: | 50 KG |
| Dimensions: Len. x Wi. x H (mm) | 690x550x820 |

4.2 Tool Diameter Tolerance

| Shaft Diameter | Tolerance |
|----------------|-----------|
| 3 mm | H4 |
| 4 mm | H4 |
| 5 mm | H5 |
| 6 - 32mm | H6 |

Set di adattatori per la sostituzione del portautensili lo standard per BT/SK/CAT 40, un altro per HSK63, altri set di adattatori specifici devono essere acquistati separatamente.



1 porta mandrino base

2 adattatori

1 un set di anelli di stop

1 pinza per anelli

1 guanti protettivi

1 occhiali

istruzioni per l'uso di corredo

Tool Holder Cleaning Device

Macchina Lava Coni



corpo c/spazzole



Base

agente
antiruggine

Alimentazione



| Code | Description | Euro |
|-----------|---|------|
| 360100.HT | base completa di alimentazione | |
| 300130.HT | corpo BT/SK/CAT30 con 2 anelli adattatori | |
| 300140.HT | corpo BT/SK/CAT40 con 2 anelli adattatori | |
| 300150.HT | corpo BT/SK/CAT50 con 3 anelli adattatori | |
| 300263.HT | corpo HSK63 per tipo A/C/D/E/F | |
| 300210.HT | corpo HSK100 per tipo A/C/D/E/F | |

Tutti i portautensili utilizzano la stessa unità di base, solo per cambiare la testa della spazzola per conicità diverse. Anelli di riduzione inclusi da utilizzare con la testa della spazzola per portautensili in base a standard di conicità diversi.

| Codice | Unità pulizia compresa di unità base | Euro |
|-----------|--------------------------------------|------|
| HT.360130 | BT/SK/CAT30 | |
| HT.360140 | BT/SK/CAT40 | |
| HT.360150 | BT/SK/CAT50 | |
| HT.360263 | HSK63 | |
| HT.360210 | HSK100 | |

Unità di pulizia, testa della spazzola per conicità diverse. Anelli di riduzione inclusi da utilizzare con la testa della spazzola per portautensili in base a standard di conicità



Unità di pulizia, diversa per ogni attacco come da elenco

BT/SK/CAT30
BT/SK/CAT40
BT/SK/CAT50
HSK63
HSK100

Tutti i portautensili utilizzano la stessa unità di base 100-240 V
AC max 0,15 kW - Motore 24 V DC
Diametro 300mm - Altezza 140mm - Peso 11 Kg

Chip remover

Pala rimuovi trucioli

Pulizia efficiente di pezzi e tavole della macchina CNC Rimozione trucioli dalle tasche e soffiaggio delle sacche d'acqua Complemento perfetto al processo di lavoro automatizzato



| | |
|--------------------------|-----|
| OAL altezza pala chiusa | 170 |
| LF altezza pala aperta | 53 |
| gambo DCONMS | 16 |
| BD ø massimo pala chiusa | 130 |
| DFCø massimo pala aperta | 260 |

- Utilizzabile con qualsiasi portautensili Ø16mm
- Porta utensile con refrigerazione interna centrale.
- Corpo in alluminio ø65mm, ad alta resistenza e anodizzato.

Parametri di utilizzo del prodotto

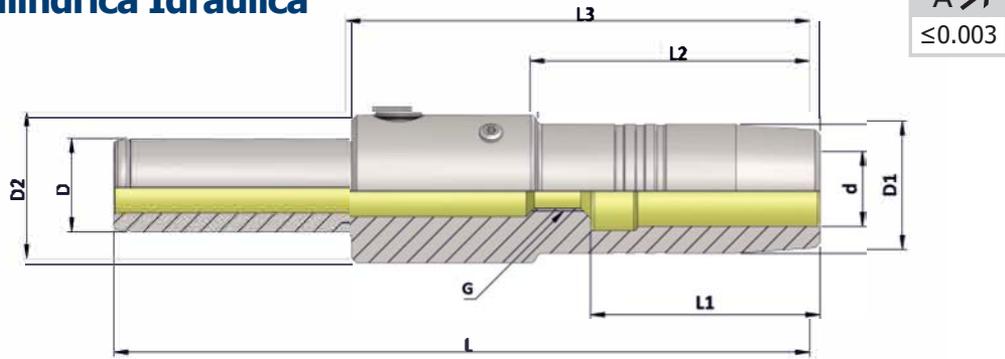
Numero di giri 4000-6000 viene regolata in base alle esigenze

| Articolo | Euro |
|-----------|---------|
| SEH26.000 | 112,30€ |



Cylindrical Shank Hydraulic Expansion Chuck

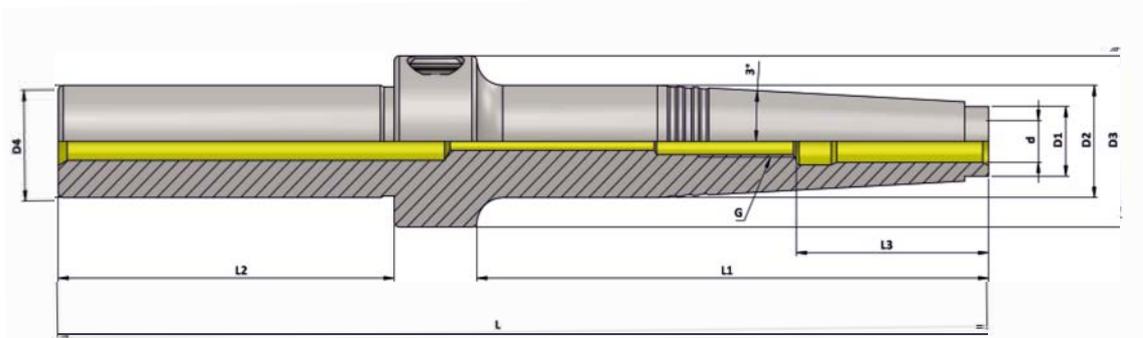
Prolunga cilindrica Idraulica



| Code | Description | d | D | D1 | D2 | G | L | L1 | L2 | L3 | Euro |
|----------------|------------------|----|----|------|------|-----|-----|----|-----|-----|------|
| 120.H06.150.HT | DIA20 HC06 L 150 | 6 | 20 | 16 | 31.5 | MS | 150 | 37 | 54 | 100 | ● |
| 120.H08.150.HT | DIA20 HC08 L 150 | 8 | 20 | 18 | 31.5 | MS | 150 | 37 | 54 | 100 | ● |
| 120.H10.150.HT | DIA20 HC10 L 150 | 10 | 20 | 20 | 31.5 | M6 | 150 | 41 | 54 | 100 | ● |
| 120.H12.150.HT | DIA20 HC12 L 150 | 12 | 20 | 25 | 31.5 | M6 | 150 | 46 | 100 | 100 | ● |
| 120.H16.150.HT | DIA20 HC16 L 150 | 16 | 20 | 27.5 | 31.5 | M10 | 150 | 49 | 60 | 100 | ● |
| 120.H20.150.HT | DIA20 HC20 L 150 | 20 | 20 | 31.5 | 31.5 | M10 | 150 | 51 | 100 | 100 | ● |
| 132.H20.150.HT | DIA32 HC20 L 150 | 20 | 32 | 31.5 | 31.5 | M10 | 150 | 51 | 90 | 90 | ● |
| 132.H20.200.HT | DIA32 HC20 L 200 | 20 | 32 | 31.5 | 31.5 | M10 | 200 | 51 | 90 | 90 | ● |

Cylindrical Shank Hydraulic Expansion Chuck SLIM 3°

Prolunga cilindrica Idraulica, SLIM ,3°

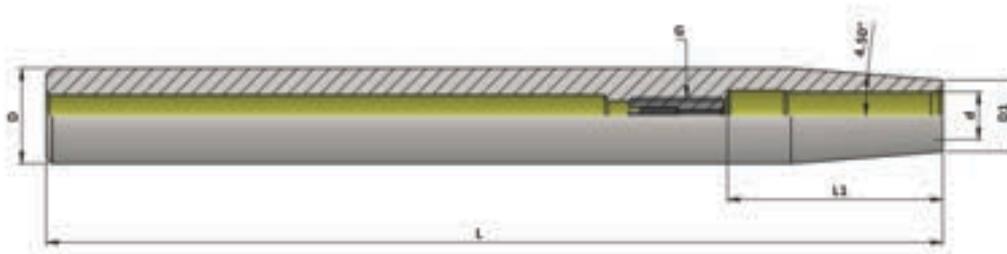


| Code | Description | d | D1 | D2 | D3 | D4 | G | L | L1 | L2 | L3 | Euro |
|--------------------|-----------------------|----|----|----|----|----|------|-----|-----|----|----|------|
| 120.HC03.180.SL.HT | DIA20 HC03 L 180 SLIM | 3 | 11 | 18 | 46 | 20 | M2.5 | 180 | 98 | 55 | 28 | ● |
| 120.HC04.180.SL.HT | DIA20 HC04 L 180 SLIM | 4 | 11 | 18 | 46 | 20 | M2.5 | 180 | 98 | 55 | 28 | ● |
| 120.HC06.180.SL.HT | DIA20 HC06 L 180 SLIM | 6 | 13 | 20 | 46 | 20 | M5 | 180 | 99 | 55 | 37 | ● |
| 120.HC08.180.SL.HT | DIA20 HC08 L 180 SLIM | 8 | 15 | 22 | 46 | 20 | M5 | 180 | 99 | 55 | 37 | ● |
| 120.HC10.180.SL.HT | DIA20 HC10 L 180 SLIM | 10 | 17 | 24 | 46 | 20 | M6 | 180 | 100 | 55 | 41 | ● |
| 120.HC12.180.SL.HT | DIA20 HC12 L 180 SLIM | 12 | 19 | 26 | 46 | 20 | M6 | 180 | 100 | 55 | 46 | ● |
| 132.HC06.210.SL.HT | DIA32 HC06 L 210 SLIM | 6 | 13 | 20 | 46 | 32 | M5 | 210 | 109 | 60 | 37 | ● |
| 132.HC08.210.SL.HT | DIA32 HC08 L 210 SLIM | 8 | 15 | 22 | 46 | 32 | M5 | 210 | 109 | 60 | | ● |
| 132.HC10.210.SL.HT | DIA32 HC10 L 210 SLIM | 10 | 17 | 24 | 46 | 32 | M6 | 210 | 110 | 60 | 41 | ● |
| 132.HC12.210.SL.HT | DIA32 HC12 L 210 SLIM | 12 | 19 | 26 | 46 | 32 | M6 | 210 | 110 | 60 | 46 | ● |

Cylindrical Shank Shrink Fit Holder 4.5 Degree (Shrinking Extension)

Prolunga cilindrica a calettare ,4,5°Idraulica

A ↗
≤0.003

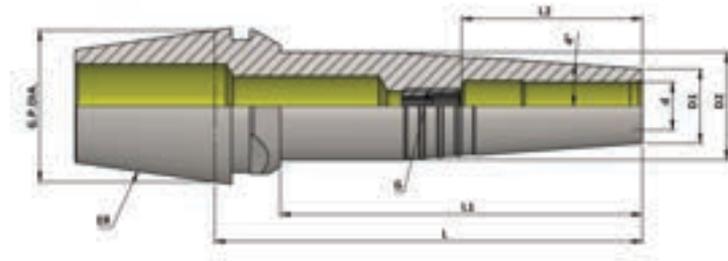


| Code | Description | d | D1 | D | G | L | L1 | Euro |
|-----------------|---------------|----|----|----|-----|-----|----|------|
| 120.12.SFH03.HT | D12 SFH03 150 | 3 | 8 | 12 | - | 150 | 12 | |
| 120.12.SFH04.HT | D12 SFH04 150 | 4 | 8 | 12 | - | 150 | 14 | |
| 120.12.SFH05.HT | D12 SFH05 150 | 5 | 8 | 12 | - | 150 | 15 | |
| 120.16.SFH03.HT | D16 SFH03 150 | 3 | 10 | 16 | - | 150 | 12 | |
| 120.16.SFH04.HT | D16 SFH04 150 | 4 | 10 | 16 | - | 150 | 14 | |
| 120.16.SFH05.HT | D16 SFH05 150 | 5 | 10 | 16 | - | 150 | 15 | |
| 120.16.SFH06.HT | D16 SFH06 150 | 6 | 10 | 16 | M5 | 150 | 36 | |
| 120.20.SFH03.HT | D20 SFH03 150 | 3 | 10 | 20 | - | 150 | 12 | |
| 120.20.SFH04.HT | D20 SFH04 150 | 4 | 10 | 20 | - | 150 | 14 | |
| 120.20.SFH05.HT | D20 SFH05 150 | 5 | 10 | 20 | - | 150 | 15 | |
| 120.20.SFH06.HT | D20 SFH06 150 | 6 | 10 | 20 | M5 | 150 | 36 | |
| 120.20.SFH08.HT | D20 SFH08 150 | 8 | 12 | 20 | M6 | 150 | 36 | |
| 120.20.SFH10.HT | D20 SFH10 150 | 10 | 14 | 20 | M8 | 150 | 41 | |
| 120.20.SFH12.HT | D20 SFH12 150 | 12 | 16 | 20 | M10 | 150 | 46 | |
| 120.25.SFH03.HT | D25 SFH03 150 | 3 | 15 | 25 | - | 150 | 12 | |
| 120.25.SFH04.HT | D25 SFH04 150 | 4 | 15 | 25 | - | 150 | 14 | |
| 120.25.SFH05.HT | D25 SFH05 150 | 5 | 15 | 25 | - | 150 | 15 | |
| 120.25.SFH06.HT | D25 SFH06 150 | 6 | 20 | 25 | M5 | 150 | 36 | |
| 120.25.SFH08.HT | D25 SFH08 150 | 8 | 20 | 25 | M6 | 150 | 36 | |
| 120.25.SFH10.HT | D25 SFH10 150 | 10 | 20 | 25 | M8 | 150 | 41 | |
| 120.25.SFH12.HT | D25 SFH12 150 | 12 | 20 | 25 | M10 | 150 | 46 | |
| 120.25.SFH14.HT | D25 SFH14 150 | 14 | 20 | 25 | M10 | 150 | 46 | |
| 120.25.SFH16.HT | D25 SFH16 150 | 16 | 22 | 25 | M12 | 150 | 49 | |
| 120.32.SFH06.HT | D32 SFH06 150 | 6 | 21 | 32 | M5 | 150 | 36 | |
| 120.32.SFH08.HT | D32 SFH08 150 | 8 | 21 | 32 | M6 | 150 | 36 | |
| 120.32.SFH10.HT | D32 SFH10 150 | 10 | 24 | 32 | M8 | 150 | 41 | |
| 120.32.SFH12.HT | D32 SFH12 150 | 12 | 24 | 32 | M10 | 150 | 46 | |
| 120.32.SFH14.HT | D32 SFH14 150 | 14 | 27 | 32 | M10 | 150 | 46 | |
| 120.32.SFH16.HT | D32 SFH16 150 | 16 | 27 | 32 | M12 | 150 | 49 | |
| 120.32.SFH18.HT | D32 SFH18 150 | 18 | 27 | 32 | M12 | 150 | 49 | |
| 120.32.SFH20.HT | D32 SFH20 150 | 20 | 27 | 32 | M16 | 150 | 51 | |

Shrink Fit Holder ER Series 4 Degree

Pinza ER a calettare ,4°

A ↗
≤0.003



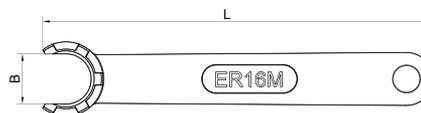
| Code | Description | d | D1 | D2 | G | L | L1 | L2 | Euro |
|-----------------|-----------------|----|----|-------|-----|-------|----|----|------|
| 430.SFH03.35.HT | ER 25 SFH03 035 | 3 | 10 | 13.50 | - | 44.00 | 35 | 12 | |
| 430.SFH03.60.HT | ER 25 SFH03 060 | 3 | 10 | 16.30 | - | 69.00 | 60 | 12 | |
| 430.SFH04.35.HT | ER 25 SFH04 035 | 4 | 10 | 13.50 | - | 44.00 | 35 | 14 | |
| 430.SFH04.60.HT | ER 25 SFH04 060 | 4 | 10 | 16.30 | - | 69.00 | 60 | 14 | |
| 430.SFH05.35.HT | ER 25 SFH05 035 | 5 | 10 | 13.50 | - | 44.00 | 35 | 15 | |
| 430.SFH05.60.HT | ER 25 SFH05 060 | 5 | 10 | 16.30 | - | 69.00 | 60 | 15 | |
| 430.SFH06.35.HT | ER 25 SFH06 035 | 6 | 11 | 14.70 | M5 | 44.00 | 35 | 36 | |
| 430.SFH06.60.HT | ER 25 SFH06 060 | 6 | 11 | 17.30 | M5 | 69.00 | 60 | 36 | |
| 430.SFH08.35.HT | ER 25 SFH08 035 | 8 | 14 | 17.80 | M6 | 44.00 | 35 | 36 | |
| 430.SFH08.60.HT | ER 25 SFH08 060 | 8 | 14 | 17.90 | M6 | 69.00 | 60 | 36 | |
| 470.SFH03.35.HT | ER 32 SFH03 035 | 3 | 10 | 13.50 | - | 45.00 | 35 | 12 | |
| 470.SFH03.60.HT | ER 32 SFH03 060 | 3 | 10 | 16.30 | - | 70.00 | 60 | 12 | |
| 470.SFH03.85.HT | ER 32 SFH03 085 | 3 | 10 | 19.80 | - | 95.00 | 85 | 12 | |
| 470.SFH04.35.HT | ER 32 SFH04 035 | 4 | 10 | 13.50 | - | 45.00 | 35 | 14 | |
| 470.SFH04.60.HT | ER 32 SFH04 060 | 4 | 10 | 16.30 | - | 70.00 | 60 | 14 | |
| 470.SFH04.85.HT | ER 32 SFH04 085 | 4 | 10 | 19.80 | - | 95.00 | 85 | 14 | |
| 470.SFH05.35.HT | ER 32 SFH05 035 | 5 | 10 | 13.50 | - | 45.00 | 35 | 15 | |
| 470.SFH05.60.HT | ER 32 SFH05 060 | 5 | 10 | 16.30 | - | 70.00 | 60 | 15 | |
| 470.SFH05.85.HT | ER 32 SFH05 085 | 5 | 10 | 19.80 | - | 95.00 | 85 | 15 | |
| 470.SFH06.35.HT | ER 32 SFH06 035 | 6 | 11 | 14.70 | M5 | 45.00 | 35 | 36 | |
| 470.SFH06.60.HT | ER 32 SFH06 060 | 6 | 11 | 17.30 | M5 | 70.00 | 60 | 36 | |
| 470.SFH06.85.HT | ER 32 SFH06 085 | 6 | 11 | 20.80 | M5 | 95.00 | 85 | 36 | |
| 470.SFH08.35.HT | ER 32 SFH08 035 | 8 | 14 | 18.95 | M6 | 45.00 | 35 | 36 | |
| 470.SFH08.60.HT | ER 32 SFH08 060 | 8 | 14 | 20.40 | M6 | 70.00 | 60 | 36 | |
| 470.SFH08.85.HT | ER 32 SFH08 085 | 8 | 14 | 23.20 | M6 | 95.00 | 85 | 36 | |
| 470.SFH10.35.HT | ER 32 SFH10 035 | 10 | 16 | 20.80 | M8 | 45.00 | 35 | 41 | |
| 470.SFH10.60.HT | ER 32 SFH10 060 | 10 | 16 | 22.40 | M8 | 70.00 | 60 | 41 | |
| 470.SFH10.85.HT | ER 32 SFH10 085 | 10 | 16 | 23.00 | M8 | 95.00 | 85 | 41 | |
| 470.SFH12.35.HT | ER 32 SFH12 035 | 12 | 20 | 24.00 | M10 | 45.00 | 35 | 46 | |
| 470.SFH12.60.HT | ER 32 SFH12 060 | 12 | 20 | 24.00 | M10 | 70.00 | 60 | 46 | |
| 470.SFH12.85.HT | ER 32 SFH12 085 | 12 | 20 | 24.00 | M10 | 95.00 | 85 | 46 | |

ER Collet Set

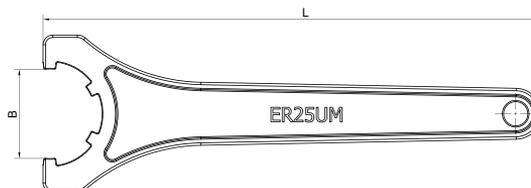
Set ER



| Code | Size | Collet Diameter | PCS/SET | Euro |
|------------|-------------|--|---------|------|
| 4006E-S.HT | ER8-9 PCS | 1,1.5,2,2.5,3,3.5,4,4.5,5 | 9 | |
| 4008E-S.HT | ER11-13 PCS | 1,1.5,2,2.5,3,3.5,4,4.5,5,5.5,6,6.5,7 | 13 | |
| 426E-S.HT | ER16-10 PCS | 1,2,3,4,5,6,7,8,9,10 | 10 | |
| 428E-S.HT | ER20-13 PCS | 1,2,3,4,5,6,7,8,9,10,11,12,13 | 13 | |
| 430E-S.HT | ER25-15 PCS | 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 | 15 | |
| 470E-S.HT | ER32-18 PCS | 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20 | 18 | |
| 472E-S.HT | ER40-23 PCS | 4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26 | 23 | |



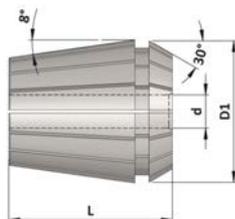
| Code | Size | B | L | Nut | Euro |
|------------|-------|------|-----|--------|------|
| 02.05.3.HT | ER8M | 12.9 | 70 | ER8-M | |
| 02.07.3.HT | ER11M | 16.7 | 90 | ER11-M | |
| 02.10.3.HT | ER16M | 22.4 | 110 | ER16-M | |
| 02.13.3.HT | ER20M | 28.9 | 120 | ER20-M | |
| 02.16.3.HT | ER25M | 35.8 | 130 | ER25-M | |



| Code | Size | B | L | Nut | Euro |
|------------|--------|----|-----|---------|------|
| 02.10.1.HT | ER16 M | 26 | 180 | ER16- M | |
| 02.13.HT | ER20 M | 29 | 190 | ER20- M | |
| 02.16.HT | ER25 M | 37 | 210 | ER25- M | |
| 02.20.HT | ER32 M | 45 | 250 | ER32- M | |
| 02.26.HT | ER40 M | 58 | 290 | ER40- M | |

ER Collet

Pinze ER



A ↗
≤0.015

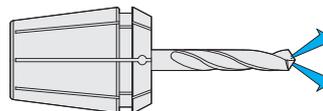
1 mm steps
1 mm passo

*0,5 mm steps
*0,5 mm passo

| Code | Range | D1 | L | Euro | |
|----------|--------------------------------|------------------|------|------|---|
| 4008E.HT | 4008E - Ø (ER11)* 4008 - Ø* | 1 - 1,5 2 - 7 | 11.5 | 18 | ● |
| 426E.HT | 426E - Ø (ER 16) 426E - Ø | 1 2 - 10 | 17 | 27.5 | ● |
| 428E.HT | 428E - Ø (ER 20) 428E - Ø | 1 - 4 5 - 13 | 21 | 31.5 | ● |
| 430E.HT | 430E - Ø (ER 25) 430E - Ø | 2 3 - 16 | 26 | 34 | ● |
| 470E.HT | 470E - Ø (ER 32) 470E - Ø | 3 - 20 | 33 | 40 | ● |
| 472E.HT | 472E - Ø (ER 40) 472E - Ø | 3 4 - 26 | 41 | 46 | ● |

ER Collet for internal cooling

Pinze ER a tenuta per lub. interna utensile



1 mm steps
1 mm passo

A ↗
≤0.015

| Code | Range | D1 | L | Euro | |
|----------|------------------|--------|----|------|---|
| 426EA.HT | 426E - Ø (ER 16) | 3 - 10 | 17 | 27.5 | ● |
| 430E.HT | 430E - Ø (ER 25) | 3 - 16 | 21 | 31.5 | ● |
| 470E.HT | 470E - Ø (ER 32) | 3 - 20 | 33 | 40 | ● |
| 472E.HT | 472E - Ø (ER 40) | 3 - 26 | 41 | 46 | ● |

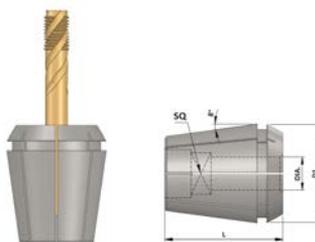
Note:

Only nominal size d can be clamped with sealing plug for internal cooling (applicable up to 21 bar)

Solo la dimensione nominale d può essere bloccata con tappo di tenuta per raffreddamento interno (applicabile fino a 21 bar)

Tap Collet ER G

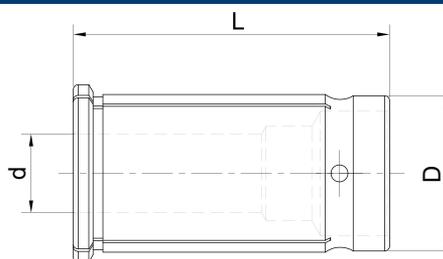
Pinze ER con quadro per maschiatura

A ↗
≤0.015

| Code | Range | D1 | L | Euro | | | |
|----------------|-------------------|----|------|------|----|----|---|
| 426G-3527 .HT | ER 16 - 3,5 × 2,7 | 17 | 27.5 | ● | | | |
| 426G-43 .HT | ER 16 - 4 × 3 | | | | | | |
| 426G-4534 .HT | ER 16 - 4,5 × 3,4 | | | | | | |
| 426G-649 .HT | ER 16 - 6 × 4,9 | | | | | | |
| 426G-755 .HT | ER 16 - 7 × 5,5 | | | | | | |
| 426G-862 .HT | ER 16 - 8 × 6,2 | | | | | | |
| 430G-3527 .HT | ER 25 - 3,5 × 2,7 | 21 | 31.5 | ● | | | |
| 430G-43 .HT | ER 25 - 4 × 3 | | | | | | |
| 430G-4534 .HT | ER 25 - 4,5 × 3,4 | | | | | | |
| 430G-649 .HT | ER 25 - 6 × 4,9 | | | | | | |
| 430G-755 .HT | ER 25 - 7 × 5,5 | | | | | | |
| 430G-862 .HT | ER 25 - 8 × 6,2 | | | | | | |
| 430G-97 .HT | ER 25 - 9 × 7 | | | | | | |
| 430G-108 .HT | ER 25 - 10 × 8 | | | | | | |
| 430G-119 .HT | ER 25 - 11 × 9 | | | | | | |
| 430G-129 .HT | ER 25 - 12 × 9 | | | | | | |
| 470G-4534 .HT | ER 32 - 4,5 × 3,4 | | | | 33 | 40 | ● |
| 470G-649 .HT | ER 32 - 6 × 4,9 | | | | | | |
| 470G-755 .HT | ER 32 - 7 × 5,5 | | | | | | |
| 470G-862 .HT | ER 32 - 8 × 6,2 | | | | | | |
| 470G-97 .HT | ER 32 - 9 × 7 | | | | | | |
| 470G-108 .HT | ER 32 - 10 × 8 | | | | | | |
| 470G-119 .HT | ER 32 - 11 × 9 | | | | | | |
| 470G-129 .HT | ER 32 - 12 × 9 | | | | | | |
| 470G-1411 .HT | ER 32 - 14 × 11 | | | | | | |
| 470G-1612 .HT | ER 32 - 16 × 12 | | | | | | |
| 472G-649 .HT | ER 40 - 6 × 4,9 | 41 | 46 | ● | | | |
| 472G-755 .HT | ER 40 - 7 × 5,5 | | | | | | |
| 472G-862 .HT | ER 40 - 8 × 6,2 | | | | | | |
| 472G-97 .HT | ER 40 - 9 × 7 | | | | | | |
| 472G-108 .HT | ER 40 - 10 × 8 | | | | | | |
| 472G-119 .HT | ER 40 - 11 × 9 | | | | | | |
| 472G-129 .HT | ER 40 - 12 × 9 | | | | | | |
| 472G-1411 .HT | ER 40 - 14 × 11 | | | | | | |
| 472G-1612 .HT | ER 40 - 16 × 12 | | | | | | |
| 472G-18145 .HT | ER 40 - 18 × 14,5 | | | | | | |
| 472G-2016 .HT | ER 40 - 20 × 16 | | | | | | |

Straight Shank Collet SC

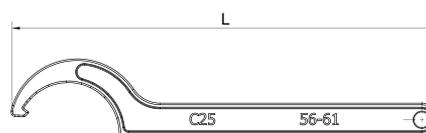
Pinze riduzione forte Serraggio



| Code | Size | d | D | L | Euro |
|-----------|---------|----|----|----|------|
| R20-03.HT | SC20-03 | 3 | 20 | 50 | ● |
| R20-04.HT | SC20-04 | 4 | 20 | 50 | ● |
| R20-05.HT | SC20-05 | 5 | 20 | 50 | ● |
| R20-06.HT | SC20-06 | 6 | 20 | 50 | ● |
| R20-08.HT | SC20-08 | 8 | 20 | 50 | ● |
| R20-10.HT | SC20-10 | 10 | 20 | 50 | ● |
| R20-12.HT | SC20-12 | 12 | 20 | 50 | ● |
| R20-16.HT | SC20-16 | 16 | 20 | 50 | ● |
| R25-06.HT | SC25-06 | 6 | 25 | 60 | ● |
| R25-08.HT | SC25-08 | 8 | 25 | 60 | ● |
| R25-10.HT | SC25-10 | 10 | 25 | 60 | ● |
| R25-12.HT | SC25-12 | 12 | 25 | 60 | ● |
| R25-16.HT | SC25-16 | 16 | 25 | 60 | ● |
| R25-20.HT | SC25-20 | 20 | 25 | 60 | ● |
| R32-06.HT | SC32-06 | 6 | 32 | 64 | ● |
| R32-08.HT | SC32-08 | 8 | 32 | 64 | ● |
| R32-10.HT | SC32-10 | 10 | 32 | 64 | ● |
| R32-12.HT | SC32-12 | 12 | 32 | 64 | ● |
| R32-16.HT | SC32-16 | 16 | 32 | 64 | ● |
| R32-20.HT | SC32-20 | 20 | 32 | 64 | ● |
| R32-25.HT | SC32-25 | 25 | 32 | 64 | ● |

Hook Spanner

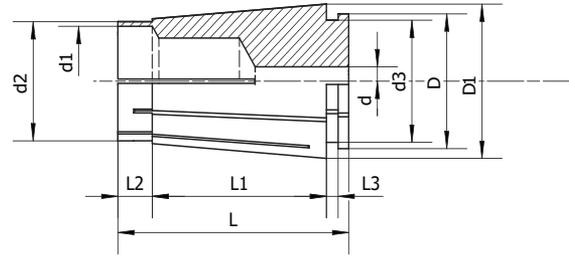
Chiave per forte serraggio



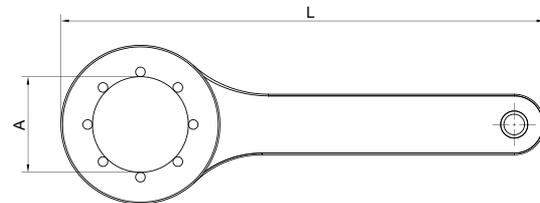
| Code | Size | L | Range | Euro |
|--------------|------|-----|-------|------|
| 64.182.20.HT | C20 | 214 | 50-55 | ● |
| 64.182.25.HT | C25 | 214 | 56-61 | ● |
| 64.182.32.HT | C32 | 235 | 68-73 | ● |

SKS Collet+key

Pinza SKS + chiave



| Code | Size | d | D | D1 | d1 | d2 | d3 | L | L1 | Euro |
|-------------|----------|-----------|------|-------|------|------|------|------|----|------|
| 490EK-02.HT | SKS10-02 | 1.75-2.0 | 13.1 | 15.6 | 10 | 12 | 12 | 30.5 | 22 | |
| 490EK-03.HT | SKS10-03 | 2.75-3.0 | 13.1 | 15.6 | 10 | 12 | 12 | 30.5 | 22 | |
| 490EK-04.HT | SKS10-04 | 3.5-4.0 | 13.1 | 15.6 | 10 | 12 | 12 | 30.5 | 22 | |
| 490EK-06.HT | SKS10-06 | 5.5-6.0 | 13.1 | 15.6 | 10 | 12 | 12 | 30.5 | 22 | |
| 490EK-08.HT | SKS10-08 | 7.5-8.0 | 13.1 | 15.6 | 10 | 12 | 12 | 30.5 | 22 | |
| 490EK-10.HT | SKS10-10 | 9.5-10.0 | 13.1 | 15.6 | 10 | 12 | 12 | 30.5 | 22 | |
| 496EK-03.HT | SKS16-03 | 2.75-3.0 | 20.5 | 24.45 | 18.6 | 15.3 | 18.8 | 45.5 | 32 | |
| 496EK-04.HT | SKS16-04 | 3.5-4.0 | 20.5 | 24.45 | 18.6 | 15.3 | 18.8 | 45.5 | 32 | |
| 496EK-05.HT | SKS16-05 | 4.5-5.0 | 20.5 | 24.45 | 18.6 | 15.3 | 18.8 | 45.5 | 32 | |
| 496EK-06.HT | SKS16-06 | 5.5-6.0 | 20.5 | 24.45 | 18.6 | 15.3 | 18.8 | 45.5 | 32 | |
| 496EK-08.HT | SKS16-08 | 7.5-8.0 | 20.5 | 24.45 | 18.6 | 15.3 | 18.8 | 45.5 | 32 | |
| 496EK-10.HT | SKS16-10 | 9.5-10.0 | 20.5 | 24.45 | 18.6 | 15.3 | 18.8 | 45.5 | 32 | |
| 496EK-12.HT | SKS16-12 | 11.5-12.0 | 20.5 | 24.45 | 18.6 | 15.3 | 18.8 | 45.5 | 32 | |
| 496EK-16.HT | SKS16-16 | 15.5-16.0 | 20.5 | 24.45 | 18.6 | 15.3 | 18.8 | 45.5 | 32 | |

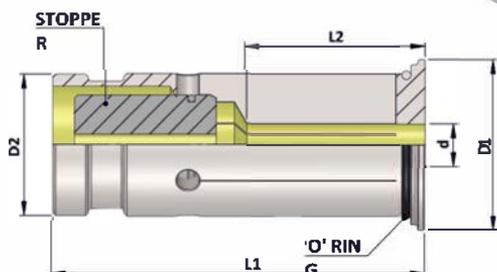


| Code | Size | A | L | Euro |
|--------------|----------|----|-----|----------|
| 490EK-182.HT | SKS10C27 | 27 | 150 | 75,50 € |
| 496EK-182.HT | SKS16C40 | 40 | 180 | 105,50 € |

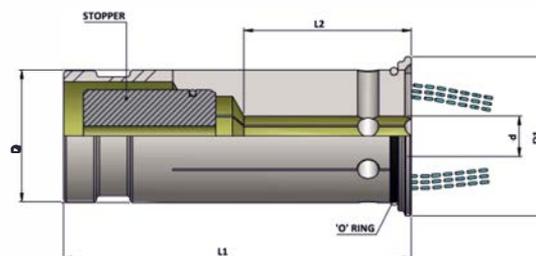
Reduction Sleeve seal

Pinze riduzione mandrini Idraulici

A ↗
≤0.015



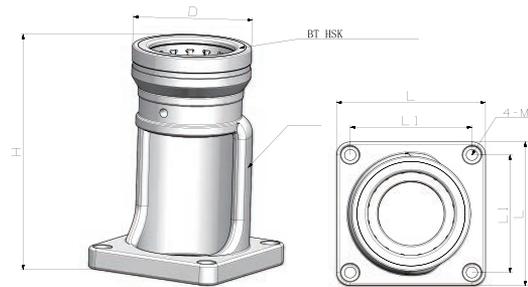
L2-Minimo
Lunghezza da inserire



| Code | range est.int. | Euro | D1 | L1 | L2 | Code | range est.int. | Euro |
|------------|----------------|---------|------|------|----|--------------|----------------|------|
| R12.030.HT | 12 - 3 | 53,60 € | 16.5 | 44 | 14 | RDC12.030.HT | 12 - 3 | |
| R12.040.HT | 12 - 4 | 53,60 € | 16.5 | 44 | 15 | RDC12.040.HT | 12 - 4 | |
| R12.050.HT | 12 - 5 | 53,60 € | 16.5 | 44 | 18 | RDC12.050.HT | 12 - 5 | |
| R12.060.HT | 12 - 6 | 52,20 € | 16.5 | 44 | 25 | RDC12.060.HT | 12 - 6 | |
| R12.080.HT | 12 - 8 | 52,20 € | 16.5 | 44 | 26 | RDC12.080.HT | 12 - 8 | |
| R20.030.HT | 20 - 3 | 56,60 € | 24 | 52.5 | 14 | RDC20.030.HT | 20 - 3 | |
| R20.040.HT | 20 - 4 | 56,60 € | 24 | 52.5 | 15 | RDC20.040.HT | 20 - 4 | |
| R20.050.HT | 20 - 5 | 56,60 € | 24 | 52.5 | 18 | RDC20.050.HT | 20 - 5 | |
| R20.060.HT | 20 - 6 | 54,30 € | 24 | 52.5 | 25 | RDC20.060.HT | 20 - 6 | |
| R20.080.HT | 20 - 8 | 54,30 € | 24 | 52.5 | 30 | RDC20.080.HT | 20 - 8 | |
| R20.100.HT | 20 - 10 | 54,30 € | 24 | 52.5 | 33 | RDC20.100.HT | 20 - 10 | |
| R20.120.HT | 20 - 12 | 54,30 € | 24 | 52.5 | 34 | RDC20.120.HT | 20 - 12 | |
| R20.140.HT | 20 - 14 | 54,30 € | 24 | 52.5 | 34 | RDC20.140.HT | 20 - 14 | |
| R20.160.HT | 20 - 16 | 54,30 € | 24 | 52.5 | 40 | RDC20.160.HT | 20 - 16 | |
| R25.060.HT | 25 - 6 | 58,40 € | 29 | 56.5 | 25 | RDC25.060.HT | 25 - 6 | |
| R25.080.HT | 25 - 8 | 58,40 € | 29 | 56.5 | 25 | RDC25.080.HT | 25 - 8 | |
| R25.100.HT | 25 - 10 | 58,40 € | 29 | 56.5 | 33 | RDC25.100.HT | 25 - 10 | |
| R25.120.HT | 25 - 12 | 58,40 € | 29 | 56.5 | 34 | RDC25.120.HT | 25 - 12 | |
| R25.140.HT | 25 - 14 | 58,40 € | 29 | 56.5 | 34 | RDC25.140.HT | 25 - 14 | |
| R25.160.HT | 25 - 16 | 58,40 € | 29 | 56.5 | 40 | RDC25.160.HT | 25 - 16 | |
| R25.180.HT | 25 - 18 | 58,40 € | 29 | 56.5 | 40 | RDC25.180.HT | 25 - 18 | |
| R25.200.HT | 25 - 20 | 58,40 € | 29 | 56.5 | 40 | RDC25.200.HT | 25 - 20 | |
| R32.060.HT | 32 - 6 | 60,30 € | 36 | 63.5 | 25 | RDC32.060.HT | 32 - 6 | |
| R32.080.HT | 32 - 8 | 60,30 € | 36 | 63.5 | 25 | RDC32.080.HT | 32 - 8 | |
| R32.100.HT | 32 - 10 | 60,30 € | 36 | 63.5 | 33 | RDC32.100.HT | 32 - 10 | |
| R32.120.HT | 32 - 12 | 60,30 € | 36 | 63.5 | 34 | RDC32.120.HT | 32 - 12 | |
| R32.160.HT | 32 - 16 | 60,30 € | 36 | 63.5 | 34 | RDC32.160.HT | 32 - 16 | |
| R32.200.HT | 32 - 20 | 60,30 € | 36 | 63.5 | 34 | RDC32.200.HT | 32 - 20 | |
| R32.250.HT | 32 - 25 | 60,30 € | 36 | 63.5 | 34 | RDC32.250.HT | 32 - 25 | |

Tool Holder Locking Device BT\HSK\SK

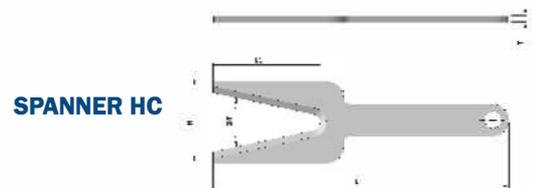
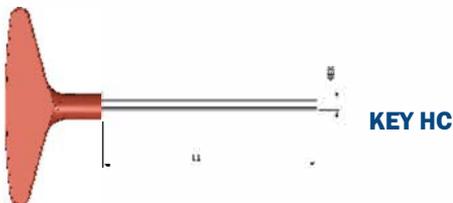
Dispositivo di bloccaggio portautensili BT\HSK\SK



| Code | Size | Tool Holder | D | H | L | L1 | M | Euro |
|---------------|-------------|-----------------|-----|-----|-----|-----|----|------|
| 707.1.SK30.HT | TMS40-50 | HSK50, SK30, C5 | 76 | 168 | 110 | 90 | M8 | |
| 707.1.SK40.HT | TMS40-63 | HSK63, BT40, C6 | 87 | 172 | 110 | 90 | M8 | |
| 707.1.080.HT | TMS40-63.55 | SK40 | 87 | 172 | 110 | 90 | M8 | |
| 707.1.063.HT | TMS50-80 | HSK80, C8 | 114 | 219 | 160 | 130 | M8 | |
| 707.1.SK50.HT | TMS50-97.5 | SK50 | 124 | 219 | 160 | 130 | M8 | |
| 707.1.100.HT | TMS50-100 | HSK100, BT50 | 124 | 219 | 160 | 130 | M8 | |

Hydraulic Expansion Chuck Accessories

Accessori per mandrini idraulici



| Code | Description | L | L1 | H | T | T | Euro |
|-----------|-------------|-----|-----|----|---|---|------|
| C4.KEY.HT | KEYHC4mm | - | 110 | - | - | 4 | |
| C5.KEY.HT | KEYHC5mm | - | 110 | - | - | 5 | |
| S.H.HT | SPANNER HC | 182 | 65 | 50 | - | - | |



| Code | Description | T | B | L | Euro |
|-----------|---------------|---|----|-----|------|
| S.E25A.HT | SPANNER E25 A | 4 | 31 | 130 | |

Technical Information Recommended Torque Values

Informazioni tecniche Valori di coppia consigliati

Hydraulic Chuck (Heavy DutyPower): Metric Series Forza di chiusura per mandrini Idrraulici HEAVY DUTY

| Holder Size | Tool Shank Dia. & Tolerance | Minimum Clamping Depth (mm) | Maximum Safe Transferable Torque (Nm) |
|-------------|-----------------------------|-----------------------------|---------------------------------------|
| HC 12S | Ø 12.0 h6 | 41 | 110 Nm |
| HC 20S | Ø 20.0 h6 | 45 | 520 Nm |
| HC 32S | Ø 32.0 h6 | 54 | 900 Nm |

Hydraulic Chuck (H): Metric Series Forza di chiusura per mandrini Idrraulici standard

| Holder Size | Tool Shank Dia. & Tolerance | Minimum Clamping Depth (mm) | Maximum Safe Transferable Torque (Nm) |
|-------------|-----------------------------|-----------------------------|---------------------------------------|
| HC 06 | Ø 6.0 h6 | 33 | 16 Nm |
| HC 08 | Ø 8.0 h6 | 33 | 23 Nm |
| HC 10 | Ø 10.0 h6 | 37 | 45 Nm |
| HC 12 | Ø 12.0 h6 | 41 | 90 Nm |
| HC 14 | Ø 14.0 h6 | 41 | 110 Nm |
| HC 16 | Ø 16.0 h6 | 44 | 185 Nm |
| HC 18 | Ø 18.0 h6 | 45 | 240 Nm |
| HC 20 | Ø 20.0 h6 | 45 | 330 Nm |
| HC 25 | Ø 25.0 h6 | 48 | 450 Nm |
| HC 32 | Ø 32.0 h6 | 54 | 650 Nm |

Hydraulic Expansion Chuck : Slim 3 Degree Series Forza di chiusura delle pinze su mandrini Idrraulici SLIM 3°

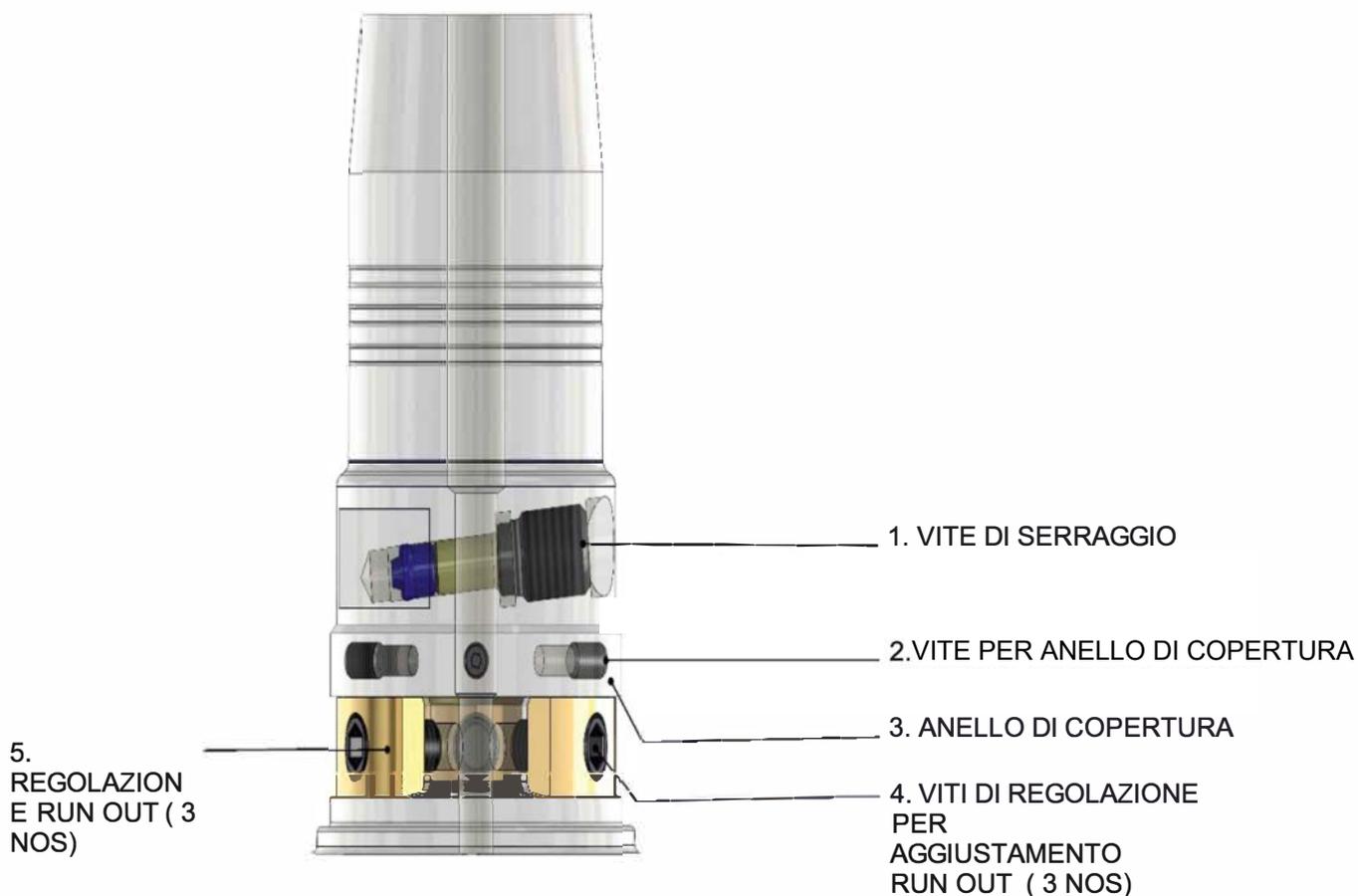
| Holder Size | Tool Shank Dia. & Tolerance | Minimum Clamping Depth mm | Maximum Safe Transferable Torque Nm |
|-------------|-----------------------------|---------------------------|-------------------------------------|
| HC 03 | ø 3.0 h6 | 12 | 3 |
| HC 04 | ø 4.0 h6 | 16 | 6 |
| HC 05 | ø 5.0 h6 | 20 | 10 |
| HC 06 | ø 6.0 h6 | 33 | 20 |
| HC 08 | ø 8.0 h6 | 33 | 35 |
| HC 10 | ø 10.0 h6 | 37 | 65 |
| HC 12 | ø 12.0 h6 | 41 | 110 |
| HC 14 | ø 14.0 h6 | 41 | 120 |
| HC 16 | ø 16.0 h6 | 44 | 160 |
| HC 18 | ø 18.0 h6 | 45 | 200 |
| HC 20 | ø 20.0 h6 | 45 | 260 |
| HC 25 | ø 25.0 h6 | 48 | 380 |

Hydraulic Expansion Chuck With Run Out Adjustment (HC - RA)

Mandrino Idraulico con regolazione assiale (HC-RA)

◇ Caratteristiche:

- "HC - RA" (mandrino idraulico con regolazione di run-out) è molto utile e adatto per operazioni di alesatura.
- È bloccato idraulicamente, il che fornisce una buona coppia di serraggio e con l'aiuto di 3 cunei regolabili possiamo impostare esattamente.
- Un anello di copertura sigilla il sistema regolabile interno e quindi richiede poca manutenzione ed è suscettibile allo sporco.
- Richiedi di utilizzare il nostro manuale del mandrino idraulico per un serraggio/cura e manutenzione sicuri.



ERRECI
SISTEMI PER PRODURRE

Präzisions-Spannwerkzeuge

HIGH PRECISION TOOLHOLDERS

La tecnologia dei Mandrini !



Distributore di zona:

