

- BIGLIA
- BMT
- DMG MORI
- GOODWAY
- HAAS
- MAZAK
- MIYANO
- NAKAMURA
- OKUMA
- SPINNER
- TAKISAWA JAPAN
- TAKISAWA TAIWAN
- TSUGAMI

# 5

*Upgrade your lathe  
and boost productivity!*

**VDI e BMT DRIVEN TOOLS**

**Portautensili motorizzati / Driven Tools**

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**Novità / News**

**NEW  
2025**

# Motorizzati / Driven tools



## Biglia lathes

Nuova gamma di motorizzati BMT44 ad alte prestazioni  
New high performance range BMT44

**HIGH PERF.**



## Goodway lathes

Nuova gamma di motorizzati G1 e G4 per torni GOODWAY  
New range G1 and G4 Driven tools for Goodway lathes



## Mazak lathes

Nuovi modelli QTS e HQ  
New driven tools for QTS and HQ lathes



## Okuma lathes

Nuove ampie gamme di motorizzati per torni OKUMA VDI40 - BMT55  
New wide ranges of Driven tools for OKUMA VDI40 and BMT65 lathes



## Spinner lathes

Nuove ampie gamme di motorizzati per torni SPINNER VDI30 - BMT45  
New wide ranges of Driven tools for SPINNER VDI30 and BMT45 lathes



## Takisawa Japan lathes

Nuove gamme per torni TAKISAWA TAIWAN & TAKISAWA JAPAN  
New range for TAKISAWA TAIWAN & TAKISAWA JAPAN



## Takisawa Taiwan lathes

Nuova gamma di motorizzati per torni TAKISAWA TAIWAN lathes  
New range of Driven Tools for TAKISAWA TAIWAN lathes

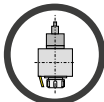
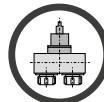
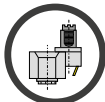
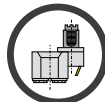
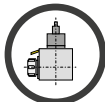
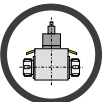
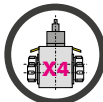
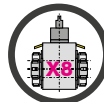
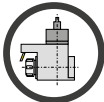
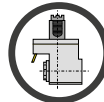
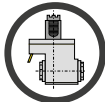


## Tsugami lathes

Nuovi Codici e Modelli Disponibili  
New Codes and types available

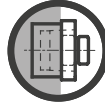
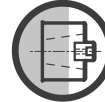
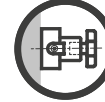
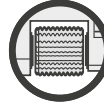
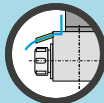
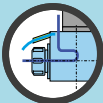
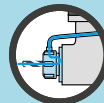
## SIMBOLI TIPOLOGIE MOTORIZZATI

### DRIVEN TOOLS DESIGN LOGOS

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |
| <b>Assiale</b><br>Axial                                                           | <b>Assiale doppio</b><br>Double Axial                                             | <b>Disassato</b><br>Offset Axis                                                   | <b>Disassato Doppio</b><br>Double Offset Axis                                     | <b>Radiale</b><br>Radial                                                          | <b>Radiale Doppio</b><br>Double Radial                                             | <b>Radiale 4 Uscite</b><br>Radial 4 Outputs                                         | <b>Radiale 8 Uscite</b><br>Radial 8 Outputs                                         |
|  |  |  |  |  |                                                                                    |                                                                                     |                                                                                     |
| <b>Radiale Rovesciato</b><br>Radial Upside Down                                   | <b>Arretrato</b><br>Rear Offset                                                   | <b>Arretrato Doppio</b><br>Double Rear Offset                                     | <b>Orientabile ±90°</b><br>Adjustable ±90°                                        | <b>Portacreatore</b><br>Driven Gear Hobber                                        |                                                                                    |                                                                                     |                                                                                     |

## SIMBOLOGIA DATI TECNICI

### TECHNICAL DATA LOGOS

|                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                            |
|------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>USCITA</b><br>OUTPUT                  |  |  |  |  |  |       |
|                                          | <b>Uscita HSK</b><br>HSK output                                                     | <b>Uscita ISO</b><br>ISO output                                                     | <b>Uscita portafresa</b><br>Shell mill holder output                                | <b>Uscita WELDON</b><br>WELDON output                                                | <b>Uscita CAPTO</b><br>CAPTO output                                                   | <b>Portacreatore</b><br>Driven Gear Hobber                                                 |
| <b>PASSAGGIO REFRIGERANTE</b><br>COOLANT |                                                                                     |                                                                                     |                                                                                     |  |  |       |
|                                          |                                                                                     |                                                                                     |                                                                                     | <b>Refrigerante Esterno</b><br>External Coolant                                      | <b>Refrigerante Interno</b><br>Internal Coolant                                       | <b>Refrigerante Interno</b><br>Internal Coolant                                            |
|                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                      | <b>20 / 25 / 80</b><br><b>100bar</b>                                                  | <b>ReCool NUT</b>                                                                          |
| <b>USCITA</b><br>OUTPUT                  |                                                                                     |                                                                                     |  |  |  |       |
|                                          |                                                                                     |                                                                                     | <b>Rapporto</b><br>Ratio                                                            | <b>Rotazione uguale al mandrino</b><br>Rotation same as machine spindle              | <b>Rotazione opposta al mandrino</b><br>Rotation opposite as machine spindle          | <b>Rotaz. uguale ed opposta al mandrino</b><br>Rotation same & opposite as machine spindle |

## Portautensili Motorizzati / Driven tools

# VDI & BMT

**Più di 1000 modelli disponibili - More than 1000 types available**



Velocità / High-speed  
**24.000 Rpm**



Internal coolant  
fino a / Up to  
**100 Bar**

### USCITE MULTIPLE MULTIPLE OUTPUTS

Tutti i motorizzati, ad esclusione di quelli ad angolo variabile, possono essere forniti con doppia pinza contrapposta anche di pari grandezza. Sono stati realizzati per i modelli di tornio più recenti anche motorizzati assiali con doppia / tripla uscita frontale e radiali doppia uscita frontale.

All the driven tools, with the exception of those with adjustable angle, can be supplied with double or multiple output even of the same dimension. Multiple outputs can be opposite or with the same direction.

### ALTA VELOCITÀ RATIO 1:4 HIGH SPEED RATIO 1:4

(Opzione di moltiplica del numero di giri dalla torretta del tornio da 2 a 4 volte). Su richiesta, quasi tutti i modelli di motorizzati sono fornibili con velocità di rotazione fino a 24.000 Rpm. Questa soluzione permette di adeguare il numero di giri della torretta alle velocità di taglio delle nuove tipologie di utensili in commercio. Il sistema epicicloidale (interno) consente di mantenere inalterate le dimensioni di ingombro dei vari modelli, senza quindi penalizzare in alcun modo la funzionalità della macchina.

**N.B:** I motorizzati standard con rapporto 1:1 hanno regime di rotazione Max. 12.000 Rpm.

All the driven tools types are available with speed until 24.000 Rpm. There is also the possibility of speed increaser from 2 to 4 times thus adapting the Rpm of the turret drive to the speed of today's cutting tools. The epicyclic speed increaser system (a system of satellite gears) is self contained in the standard head overall dimensions and guarantees the same standards of quality and reliability.

**Attention:** The standard rotary tools with 1:1 ratio have a Max Speed of 12.000Rpm



**Radiale 8 uscite**  
Radial 8 outputs



**Radiale doppio**  
Double radial



### Perno eccentrico Eccentric pin

Nuovo perno di regolazione eccentrico per il posizionamento preciso ed accurato del motorizzato sulla torretta (per modelli Mazak QTN).

New eccentric regulation pin for an accurate positioning of the driven tool on the turret. (for Mazak QTN models).



### Maschiatura Tapping

Per le operazioni di maschiatura, tutti i nostri motorizzati possono utilizzare pinze compensate ET-1 perfettamente intercambiabili con le normali pinze secondo norma DIN 6499. Esse consentono una compensazione assiale da 7 a 13 mm a seconda della grandezza per recuperare eventuali errori di avanzamento e per l'inversione della rotazione.

For tapping operations all driven tools can be equipped with axially compensated collets ET-1 interchangeable with the standard ER collets according to the international standard DIN 6499. They allow the tap an axial compensation from 7 to 13 mm according to their size in order to compensate any feed error and the inversion of the rotation of direction.



### Cuscinetti Ball Bearings

Cuscinetti di precisione a contatto obliquo, precaricati, e lubrificati con grasso a vita.

Preloaded angular contact ball bearings precision and long life lubrication.



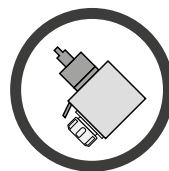
### Ingranaggi Gleason Gleason Spiral bevel

Conica di ingranaggi spirodali Gleason con evolvente rettificato ottimizzato

Gleason spiral bevel gears with completely ground involute form

I portautensili motorizzati per centri di tornitura a controllo numerico consentono di eseguire lavorazioni di fresatura, foratura e maschiatura sul tornio stesso e senza ulteriori piazzamenti. Anche in questo caso Gerardi propone un'ampia gamma di modelli, adatti ad attrezzare i torni e le torrette motorizzate dei maggiori costruttori di torni a livello mondiale con un rapporto qualità/prezzo insuperabile.

Driven tools for CNC turning centres allows milling, drilling and tapping operations on the lathes without additional parts handling. Also in this case Gerardi can supply a wide range of types in order to equip the CNC lathes and turrets of the most popular builders on the market with an unbeatable price/quality ratio.



SCAN IT TO SEE



THE WEB PAGE



*Upgrade your lathe  
and boost productivity!*



Presa di moto intercambiabile per le varie tipologie di torrette Haas  
Interchangeable couplings for the different Haas turret

USCITE DISPONIBILI  
AVAILABLE  
OUTPUTS

PORTAFRESA  
TOOLHOLDER

CAPTO

HSK

WELDON

ISO

PORTACREATORE  
DRIVEN GEAR  
HOBBER

Attacco VDI  
VDI attachment

Attacco BMT  
BMT Attachment

Esterno  
External

MAX  
10bar

- » Mandrino Macchina
- » Corpo Motorizzato
- » Ugello

- » Machine Spindle
- » Driven Tool Body
- » Coolant Pipe

Interno  
Internal

MAX  
100bar

- » Mandrino Macchina
- » Corpo Motorizzato
- » Distributore
- » Utensile

- » Machine Spindle
- » Driven Tool Body
- » Rotating Distributor
- » Tool

Re-Cool Nut  
Ghiera Re-Cool

MAX  
150bar

- » Mandrino Macchina
- » Corpo Motorizzato
- » Ghiera Re-Cool
- » Utensile

- » Machine Spindle
- » Driven Tool Body
- » Re-Cool Nut
- » Tool



# COMPATIBILITÀ MOTORIZZATI

## DRIVEN TOOLS COMPATIBILITY

In fase d'ordine specificare: **Costruttore, MODELLO & N° POSIZIONE TORRETTA**

In case of order please specify **MACHINE BUILDER, MODEL & TURRET N°**

| Costruttore<br>Builder Brand | Torretta<br>Turret | Modelli Macchina<br>Lathe or turret Models                                                                                                                                 | Tooling<br>LP05<br>Pages             |
|------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| DIN 5480                     | VDI                | VDI 30, 40, 50, 60                                                                                                                                                         | from page<br>4.11<br>to page<br>4.44 |
| DIN 5482                     |                    | VDI 20, 30, 40, 50                                                                                                                                                         |                                      |
| BARUFFALDI                   |                    | VDI 20, 30, 40, 50, 60                                                                                                                                                     |                                      |
| DIN 1809                     |                    | VDI 20, 25, 30, 40, 50, 60                                                                                                                                                 |                                      |
| BIGLIA                       | BMT 40             | B436                                                                                                                                                                       | from page<br>5.17<br>to page<br>5.20 |
|                              | BMT 55             | B301 / 445 / 455 / 470 / 501 (Y-S)<br>510 / 545 / 550 / 565 / 650 / 658<br>1200 / 446 / 465 / 745 / 765<br>B750 / 1250 16 STATIONS                                         | from page<br>5.21<br>to page<br>5.32 |
| DOOSAN                       | BMT 45             | LYNX 2100LYA/LYB 24 POSITIONS<br>- 2100MA/220 (LMSA, LMSC) - 220 (LSYA, LSYC),<br>220 (M, LM) - 220 (MA, LMA, MC, LMC) - 220<br>(YA, YC, LYA, LYC)<br>PUMA MX1 600 (T, ST) | from page<br>5.33<br>to page<br>5.39 |
| Hardinge                     |                    | GS42, 51 - T-42, 51 SUPER PRECISION<br>TALENT 42, 51                                                                                                                       |                                      |
| Jyoti                        |                    | AX 200 - TMC 250, 350                                                                                                                                                      |                                      |
| Nexturn                      |                    | NST 56/67                                                                                                                                                                  |                                      |
| Samsung                      |                    | PL 1600 (M / CM) - SL 15M                                                                                                                                                  |                                      |
| Victor                       |                    | VTURN NP-16 CM                                                                                                                                                             |                                      |

| Costruttore<br>Builder Brand | Torretta<br>Turret | Modelli Macchina<br>Lathe or turret Models                                                                                                                                                                                           | Tooling<br>LP05<br>Pages                           |
|------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>DOOSAN</b>                | <b>BMT 55</b>      | LYNX 300(M)<br>PUMA 1500/2000/2500(M, S, Y) - 2100(Y, LY, SY, L-<br>SY) - 2100/2600/3100M/Y/MS/SY -<br>230/240/280(M, LM, S)<br>- GT2100M - H250TM - MX1600 / 2100(ST/LST) -<br>TL2000/2500(M, LM)<br>- TT1500/1800(MS, SY) - TW2600 | from page<br><b>5.40</b><br>to page<br><b>5.44</b> |
| Goodway                      |                    | GTx, GTZ 2000, 2600 16 STATIONS                                                                                                                                                                                                      |                                                    |
| Hardinge                     |                    | CONQUEST H51<br>SUPER PRECISION T56 - T65                                                                                                                                                                                            |                                                    |
| Hwacheon                     |                    | CUTEX-160 / 180 / 240 / T2 (MC / SMC / YMC /<br>YSMC) VT 450 (MC)                                                                                                                                                                    |                                                    |
| Hyundai WIA                  |                    | HD2200 (M / MC) - SKT-160 / 180 TTMS / TTSY /<br>LM1600 / 1800 TTSY<br>L160, 230 (MA / LMA / LMSA)<br>SKT-160, 180 (TTMS / TTSY)                                                                                                     |                                                    |
| Jyoti                        |                    | AX 300                                                                                                                                                                                                                               |                                                    |
| Samsung                      |                    | PL 240 (LM)<br>SL 1500, 2000 (M/SY)                                                                                                                                                                                                  |                                                    |
| Victor                       |                    | VTURN-A16, A20<br>(CM/SCM/YCM/YSCM) - Q200                                                                                                                                                                                           |                                                    |
| Takisawa<br>Taiwan           |                    | Takisawa Taiwan UX-2000<br>UX-2000                                                                                                                                                                                                   |                                                    |
|                              |                    |                                                                                                                                                                                                                                      |                                                    |

## COMPATIBILITÀ MOTORIZZATI DRIVEN TOOLS COMPATIBILITY

In fase d'ordine specificare: **Costruttore, MODELLO & N° POSIZIONE TORRETTA**

In case of order please specify **MACHINE BUILDER, MODEL & TURRET N°**

| Costruttore<br>Builder Brand | Torretta<br>Turret | Modelli Macchina<br>Lathe or turret Models                                                                                                                                                                               | Tooling<br>LP05<br>Pages             |
|------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| DOOSAN                       | <b>BMT<br/>65</b>  | PUMA 2100/2600 (M,LM,MS,LMS)<br>(Y,LY,SY,LSY) /<br>300 (M,MS,MB,MC) / 3100(M,LM,LY,XL-<br>M,XLY,ULM,ULY / MX2000/2500 / MX2600<br>(T,SY,ST) / TT2500 (MS/SY) / V400 (M) / VT450<br>(M,2SP) / TT2000 - INVERTURN 3000 (M) | from page<br>5.45<br>to page<br>5.48 |
| Goodway                      |                    | GLS 2800, 2300 - GMS 2000 (ST) 15<br>STATIONS<br>GMT 2000 - GS 2000, 2800 16 STATIONS -<br>GTX / GTZ 2000, 2600 12 STATIONS                                                                                              |                                      |
| Haas                         |                    | ST20 - ST25 - ST30 - ST35 - DS30Y - ST-20Y<br>ST-25Y - ST-30Y - ST-35Y                                                                                                                                                   |                                      |
| Hardinge                     |                    | GS-65                                                                                                                                                                                                                    |                                      |
| Hwacheon                     |                    | CUTEX-240 (MC/SMC) -<br>HI-TECH 200, 230, 300, 400, 450 (MC/SMC/<br>YMC/YSCM)<br>T2-SERIES (MC/SMC/YMC/YSCM) VT-450                                                                                                      |                                      |
| Hyundai WIA                  |                    | L300 (MA/MC/LMA/LMC/SMA/SMC/ LMSA) -<br>LM 2000, 2500 (TTM/TMS/TTSY) - L2000,<br>2100, 2600, 3000 (Y/LS/SY/LSY) - SKT200,<br>250 (TTSY) - SKT250, 300 (LM/LMS/M/MS)                                                      |                                      |
| Samsung                      |                    | SL25/35 - PL20/25/35M - PL35LM -<br>PL2000/2500M - SL3500 (Y)                                                                                                                                                            |                                      |
| Spinner                      |                    | TC800 SMCY                                                                                                                                                                                                               |                                      |
| Victor                       | <b>BMT<br/>85</b>  | VTURN-A26 (CM / SCM / YCM / YSCM)                                                                                                                                                                                        | from page<br>5.52<br>to page<br>5.54 |
| Takisawa<br>Taiwan           |                    | Takisawa Taiwan LA-250 YS II T15<br>LA-250 YS II T15<br>LX-2500, 3000M/Y<br>NEX-110Y<br>NX-2500 T12<br>NX-2500 T15                                                                                                       |                                      |

| Costruttore<br>Builder Brand | Torretta<br>Turret | Modelli Macchina<br>Lathe or turret Models                                                                                        | Tooling<br>LP05<br>Pages             |
|------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| DOOSAN                       | <b>BMT<br/>75</b>  | PUMA 400, 480, 500 (M / LM) - 4100, 5100<br>(M / LY) - V550, 8300 (M) - VT750 (M /<br>M-2SP)<br><br>DN SOLUTIONS PUMA V8300 M     | from page<br>5.49<br>to page<br>5.51 |
| Hwacheon                     |                    | HI-TECH 550/700/850/7026 - VT550 / 650<br>(MC)                                                                                    |                                      |
| Hyundai WIA                  |                    | L400 (MA / LM / LC / LMC) - LV800 (RM)<br>V80 (R / RM) - SKT-400 (M / LMC)                                                        |                                      |
| Samsung                      |                    | 45 (M) - 800 (VM) - SL45 - 5500 (M)                                                                                               |                                      |
| Victor                       |                    | V-TURN 40, 45 (CM / YCM)                                                                                                          |                                      |
| DOOSAN                       | <b>BMT<br/>85</b>  | PUMA VT900M (TM/M) + 18141VT1 - 100M<br>(M) + 18141 - 600 (M/LN/M) + 18141 - 700 (M<br>LN/M) + 18141 - 800 (M/LM)<br>- VT1100 (M) | from page<br>5.52<br>to page<br>5.54 |
| Hwacheon                     |                    | VT-950, 1150 (MC)<br>HI-TECH 850 (MC / YMC)                                                                                       |                                      |
| Hyundai WIA                  |                    | L600, 700, 800 (MA / LMA)<br>LV1100 (RM) - SKT600, 700 (LM)                                                                       |                                      |
| Samsung                      |                    | PL 60, 70, 80 (M / LM) - SL65 - SLW1000 (M)                                                                                       |                                      |
| Victor                       |                    | V-TURN V1000 (CM)                                                                                                                 |                                      |

# COMPATIBILITÀ MOTORIZZATI

## DRIVEN TOOLS COMPATIBILITY

In fase d'ordine specificare: **Costruttore, MODELLO & N° POSIZIONE TORRETTA**

In case of order please specify **MACHINE BUILDER, MODEL & TURRET N°**

| Costruttore<br>Builder Brand | Torretta<br>Turret      | Modelli Macchina<br>Lathe or turret Models                                                                                                                                                                                                                         | Tooling<br>LP05<br>Pages                           |
|------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>DMG MORI</b>              | <b>NL<br/>NLX</b>       | NLX 1500 / 2000 / 2500 / 3000 / 4000 12 STATIONS<br>NL 2000 (S)MC - 2500 (S)MC NL3000MC 12 STATIONS<br>NT 3250 / 4200 / 4250 / 4300 / 5400 / 4000 / 5000<br>NZL 2000/2500 - NZX 2500 12 STATIONS<br>NTX 2000 / 2500 / 3000 - 2ND GEN. 10 STATIONS - (TX2500 BMT60) | from page<br><b>5.55</b><br>to page<br><b>5.63</b> |
| <b>DMG MORI</b>              | <b>NZ</b>               | DURATURN 2050, 2550 (MC)<br>NL/NLX 1500/2000/2500 20 STATIONS<br>NT, NTX 1000, 2000<br>NT 3000 / 3100 / 3150 / 3200<br>NRX 2000<br>NZ/NTZ 1000/2000/3000/3100/3150/3200<br>NZ/NZX 1500/2000/2500                                                                   | from page<br><b>5.64</b><br>to page<br><b>5.69</b> |
| Takisawa<br>Japan            |                         | Takisawa TS-2000-5000 T20 (3 key turret)                                                                                                                                                                                                                           |                                                    |
| <b>DMG MORI</b>              |                         | SL, ZL 150, 153, 154 (MC / SMC / Y / SY)<br>DL 15, 150 (MC)<br><br>CL 200/203 - SL20/25 - DL 200/250 (MC)<br>SL 200/203/204/250/253/254 (MC, SMC)<br>2500Y<br>ZL 200(MC) - ZL250(SMC)                                                                              |                                                    |
| Cmz                          | <b>SL<br/>ZL<br/>DL</b> | TBI 520 - TL 20/25 (M/TM/MS)<br>TC 15/20/25/30/35 (M/Y/MS/YS)<br>TA 15/20/25/30 (M/Y/MS/YS)<br>TD 15/20/25/30/35/45/55 (M/Y/MS/YS)                                                                                                                                 | from page<br><b>5.70</b><br>to page<br><b>5.74</b> |
| Goodway                      |                         | GS 200/230/260/280 (M/MS)<br>GA 2000/2600/2800/3000/3300/3600 (M)                                                                                                                                                                                                  |                                                    |
| <b>GOODWAY</b>               | <b>G1</b>               | GLS 100, 150, 200 (M) BEVEL GEAR VERSION<br>GTS 100, 150 (MMX) BEVEL GEAR VERSION                                                                                                                                                                                  |                                                    |
|                              | <b>G3</b>               | GTS 260 (MMX)                                                                                                                                                                                                                                                      | from page<br><b>5.75</b><br>to page<br><b>5.78</b> |
|                              | <b>G4</b>               | GS 2000, 2600, 2800, 4000 - 12 STATIONS.                                                                                                                                                                                                                           |                                                    |

|              |                                |                                                                                                                                                                           |                                                      |
|--------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
|              | <b>L<br/>104,85</b>            | <b>VDI TURRET</b><br>SL 20/30                                                                                                                                             |                                                      |
| <b>HAAS</b>  | <b>L<br/>117,55</b>            | <b>VDI TURRET - 24 station turrets</b><br>SL 40 - ST 10/15/20/25/30/35<br><b>HYBRID TURRET - 12 station turrets</b><br>DS 30 - SL 20/30 - ST 10/15/20/25/30/35 - TL 15/25 | from page<br><b>5.79</b><br>to page<br><b>5.90</b>   |
|              | <b>L<br/>130,25</b>            | <b>HYBRID TURRET - 12 station turrets</b><br>SL 40 - ST 40/45 (L)                                                                                                         |                                                      |
|              | <b>QTN 1<br/>VDI 40</b>        | QTN 100/150 M/MS - 200/250 (M/MS/MY/MSY)<br>16 STATIONS<br>SQT 15/18/200/250 (M/MS/MY/MSY)<br>16 STATIONS - 100 M/MS                                                      | from page<br><b>5.91</b><br>to page<br><b>5.94</b>   |
|              | <b>QTN 2<br/>VDI 40</b>        | QTN 200/ 250 (M/MS/MY/MSY 12 STATIONS)<br>SQT 15/18/200/250 (M/MS/MY/MSY) 12 STATIONS<br>SUPER QUADREX 200/ 250 (M)                                                       | from page<br><b>5.95</b><br>to page<br><b>5.99</b>   |
| <b>MAZAK</b> | <b>QTN 3<br/>VDI 50</b>        | QTN 300/350/400/450 (M/MY/MSY)<br>SQT 28/30/300/350/400/450 (M/MY)<br>SLANT TURN NEXUS 500/550 (M)<br>MEGATURN NEXUS 900 (M)<br>HYPER QUADREX 450 (M)                     | from page<br><b>5.100</b><br>to page<br><b>5.102</b> |
|              | <b>QTS<br/>SMART<br/>BMT68</b> | QT/QTS 100/150/200/250 (M/MY/MS/MSY)<br>QTC/QTU 100/150/200/250/300 (M/MY/MS/MSY)                                                                                         | from page<br><b>5.103</b><br>to page<br><b>5.105</b> |
|              | <b>HQ</b>                      | HYPER QUADREX 200, 250, MS/MSY - 16 STATIONS<br>MULTIPLEX 620, 6200Y, 6250, W-200Y - 16 STATIONS                                                                          | from page<br><b>5.106</b><br>to page<br><b>5.108</b> |

## COMPATIBILITÀ MOTORIZZATI DRIVEN TOOLS COMPATIBILITY

In fase d'ordine specificare: **Costruttore, MODELLO & N° POSIZIONE TORRETTA**

In case of order please specify **MACHINE BUILDER, MODEL & TURRET N°**

| Costruttore<br>Builder Brand | Torretta<br>Turret | Modelli Macchina<br>Lathe or turret Models                                                                                                                                                                                           | Tooling<br>LP05<br>Pages                             |
|------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| MIYANO                       | Ø 38               | BNA 32, 42 (C / DHY / GTY / MSY / S)                                                                                                                                                                                                 | from page<br><b>5.109</b><br>to page<br><b>5.111</b> |
| MIYANO                       | Ø 45               | ABX 51, 64 (TH2 / TH3) - BNE 34, 51 (S/SY / MSY)<br>- BNK 42 (SY) - BNJ 42 / 51 (S / SY)<br>BND 51 (C / S / SY)                                                                                                                      | from page<br><b>5.112</b><br>to page<br><b>5.115</b> |
| Goodway                      |                    | GLS 1500 / 2000 (M) - GLS 150 / 200 (M)<br>GTS 150 (M) - GTW 1500                                                                                                                                                                    |                                                      |
| MIYANO                       | Ø 54               | ABX 51, 64 (SY / THY)                                                                                                                                                                                                                | from page<br><b>5.116</b><br>to page<br><b>5.118</b> |
| NAKAMURA                     | BMT 44             | NTJ 100, SC 100 - SUPER NTMX<br>SUPER NY <sup>3</sup> - WT, WY 100                                                                                                                                                                   | from page<br><b>5.119</b><br>to page<br><b>5.121</b> |
| Muratec                      |                    | MT 100                                                                                                                                                                                                                               |                                                      |
| NAKAMURA                     | BMT 55             | AS200 (L-S) 12/15 STATIONS.<br>NTY3-150/250 SC150(M)/200(MY)/250(M)<br>Super NTJ / NTJX / NTM3<br>TW 10/20 16 STATIONS<br>WT 150/200/250 - WTS 150 - WTW 150/160<br>WY 150/250 - WT 200 II (M/MY)<br>WT 20 II (M) - TM C20 II (M/ML) | from page<br><b>5.122</b><br>to page<br><b>5.124</b> |
| Cmz                          |                    | TX 52/66 - TTL 52 - TTL 66<br>TX 52 Y3-Y2 QUATTRO-Y2 TW IN<br>TX 66 Y3-Y2 QUATTRO-Y2 TW IN<br>TA 15/20/25/30(MY/MS/MY/YS) 15 STATIONS                                                                                                |                                                      |
| NAKAMURA                     | BMT 65             | WT300 - SC300 - TW20<br>TMC 200/300 (M)<br>SUPER NTX TW20M (MY/MM/MY/MMY)<br>12 STATIONS<br>TW 30M (MY/MM/MY/MMY) 16 STATIONS                                                                                                        | from page<br><b>5.125</b><br>to page<br><b>5.126</b> |

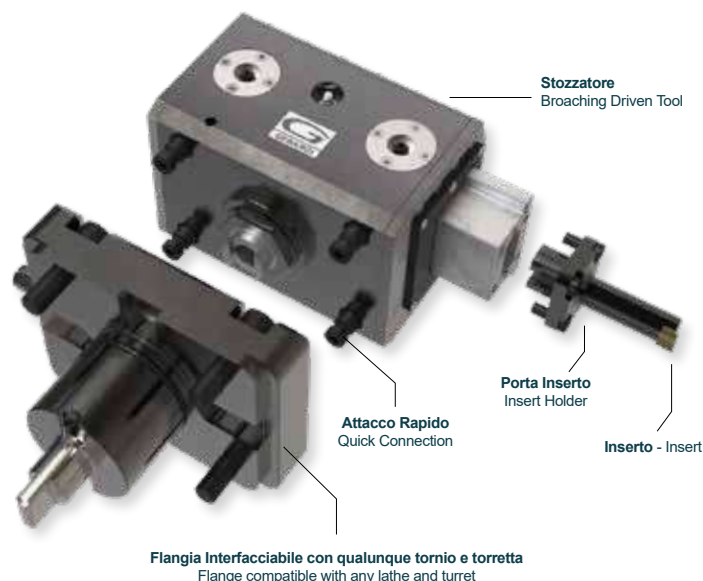
| Costruttore<br>Builder Brand | Torretta<br>Turret | Modelli Macchina<br>Lathe or turret Models                                                                                                                                                                      | Tooling<br>LP05<br>Pages                             |
|------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| OKUMA                        | VDI 30             | LB 10, 200 M, Y - LT 10, 200 M, Y -<br>ES L6 M / L8 M - GENOS L200, L2000-E                                                                                                                                     | from page<br><b>5.127</b><br>to page<br><b>5.129</b> |
|                              | VDI 40             | Captain L370 M - ES L10 M - GENOS L300,<br>L3000-e M/MY (VDI40) - LB/LU 300, 3000 M<br>(VDI40) - LB 300 MW (Face tooling turret)<br>LB/LU 300 MY                                                                | page<br><b>5.130</b>                                 |
|                              | BMT 55             | LT 2000EX (M / MY) 16 STATIONS                                                                                                                                                                                  | from page<br><b>5.131</b><br>to page<br><b>5.132</b> |
|                              | BMT 60             | GENOS L300 (MW / MYW)<br>LB 2000, 2500, 3000 (EX)<br>LU 2000, 2500, 3000 (EX)<br>MULTUS U3000, 4000 (2SW)                                                                                                       | from page<br><b>5.133</b><br>to page<br><b>5.134</b> |
| SPINNER                      | BMT45 SP           | TC 300 - 600(SMCY) - TTC 300 (SMCY)                                                                                                                                                                             | from page<br><b>5.135</b><br>to page<br><b>5.138</b> |
|                              | VDI25 SP           | TD 42, 65 - TC, TTC 300                                                                                                                                                                                         |                                                      |
|                              | BARUFFALDI VDI 30  | TC 400 - 600 (MC, MCY, SMCY)                                                                                                                                                                                    |                                                      |
|                              | BARUFFALDI VDI 40  | TC 600 (MC, MCY, SMCY)                                                                                                                                                                                          | from page<br><b>4.27</b><br>to page<br><b>4.36</b>   |
| TAKISAWA JAPAN               | BARUFFALDI VDI 50  | TC 77, 110, 800 (MC, MCY, SMCY)                                                                                                                                                                                 |                                                      |
|                              | BMT 60             | TM-2000 T12 (2 key turret)<br>TM-2000, 3000 T12 (2 key turret)<br>TS-2000-5000 T20 (3 key turret)<br>TS-3000-5000 T12 (2 key turret)<br>TS-3000-5000 T12 (3 key turret)                                         | from page<br><b>5.139</b><br>to page<br><b>5.142</b> |
| TAKISAWA TAIWAN              | BMT 60             | EX-1500, 2000 YT/YS - EX-308 / 310 / 508 /<br>509 / 510 / 710 / 908 / 910 - EX/NEX-508, 510,<br>908, 910 - FX-800 - LA-250 YS/YT T15 - LA-250,<br>300 MY - LX-2500MY - MX-800 - NEX-108, 110<br>M/Y - VTL-450 M | from page<br><b>5.143</b><br>to page<br><b>5.148</b> |
| TSUGAMI                      | BMT 65             | M06 (SY) - M08 (D/SD) - M08 (SY)                                                                                                                                                                                | from page<br><b>5.149</b><br>to page<br><b>5.156</b> |

## Stozzatore Modulare

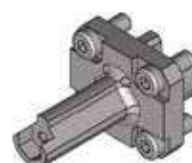
# BROACHING DRIVEN TOOLS

**Realizza Scanalature e Cave interne direttamente sul Tornio**

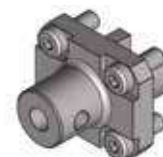
**It Creates Grooves and Internal cavities directly on the lathe**



**Portalinserti & Inserti Disponibili**  
**Inserts Holder & Inserts Available**



**Articolo Base**  
Basic Article



**Porta cilindro**  
Cylinder holder (Weldon)



**Inserto per chiavette**  
Insert for keynuts  
mm / pollici



**Inserto Quadro**  
Square Insert



**Inserto Esagono**  
Exagonal Insert



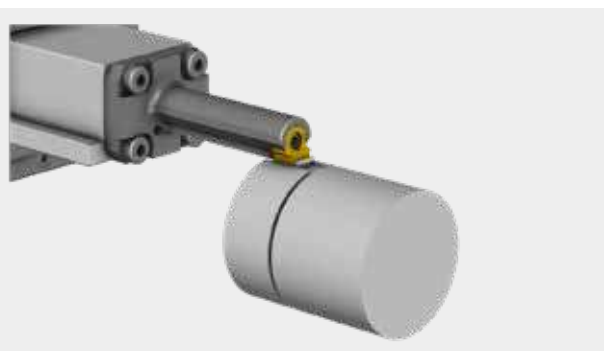
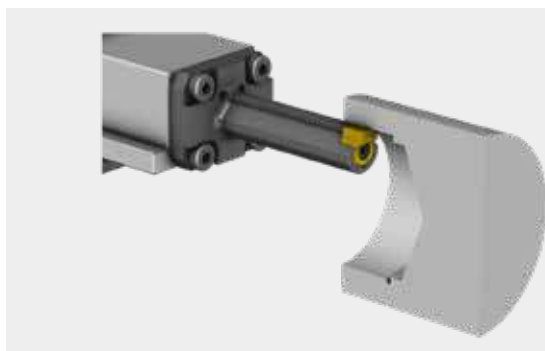
5

## CHIAVETTE, CAVE INTERNE, SCANALATURE E PROFILI DENTATI

Possibilità di una vasta gamma di lavorazioni standard, tra cui brocciatura di sedi per linguette o chiavette, singole o multiple fasate, su fori cilindrici o conici, con o senza gola di scarico e smusso. Inoltre, grazie all'utilizzo di utensili speciali, è possibile realizzare anche prese di moto, fori quadri e fori esagonali, per soddisfare le esigenze di lavorazione più specifiche dei nostri clienti.

## KEYS, INTERNAL HOLES, GROOVES, AND TOOTHED PROFILES.

Possibility of a wide range of standard operations, including broaching of seats for tongues or keys, single or multi-stage, on cylindrical or tapered holes, with or without outlet groove and chamfer. In addition, thanks to the use of special tools, it is also possible to produce couplings, square and hexagonal holes to meet the most specific machining requirements of our customers.





Il nuovo portautensile stozzatore Gerardi è stato progettato per eseguire lavorazioni che spaziano dalla sede per chiavetta ai profili dentati interni o esterni, senza la necessità di spostare il pezzo su altre macchine. Grazie alla sua elevata rigidità, l'inserto può essere utilizzato per lunghi periodi di tempo, mentre la superficie lavorata presenta un'ottima finitura. Lo stozzatore è in grado di eseguire rapidamente lavorazioni interne ed esterne, garantendo una precisione elevata e riducendo drasticamente i tempi di lavorazione. Inoltre, tutte le lavorazioni possono essere eseguite sulla stessa macchina utensile, migliorando ulteriormente l'efficienza del processo produttivo.

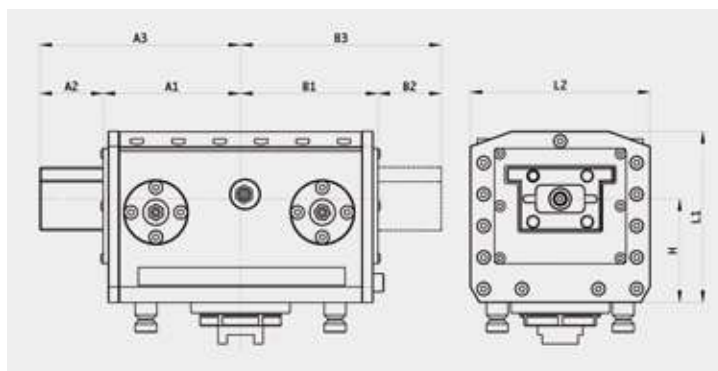
The new Gerardi broaching driven tool has been designed to perform a wide range of operations, from keyway cutting to internal or external toothed profiles, without the need to move the workpiece to other machines. Thanks to its high rigidity, the insert can be used for long periods of time, while the machined surface exhibits excellent finishing. The broaching driven tool is capable of quickly performing internal and external operations, ensuring high precision and drastically reducing processing times. Additionally, all operations can be performed on the same machine tool, further improving the efficiency of the production process.

*Potenzia ed aggiorna il tuo tornio! Upgrade your cnc lathe !*

**Contatta il tuo Agente di zona - Ask to your area Distributor**

## Funzionamento

Il nuovo dispositivo di stozzatura Gerardi sfrutta il movimento rotatorio dell'azionamento della torretta per generare un movimento traslatorio con funzione di sollevamento integrata sulla corsa di ritorno. Inoltre, il dispositivo offre la possibilità di regolare l'asse X/Y e il passaggio di lubrificante internamente o esternamente (con una pressione massima di 8 bar). Grazie alla nostra tecnologia all'avanguardia, la produzione di profili interni ed esterni, di chiavette o scanalature, è diventata più conveniente in termini di tempo ed economia. I nostri dispositivi di stozzatura possono funzionare fino a 1200 giri/min, garantendo un'alta efficienza e precisione.

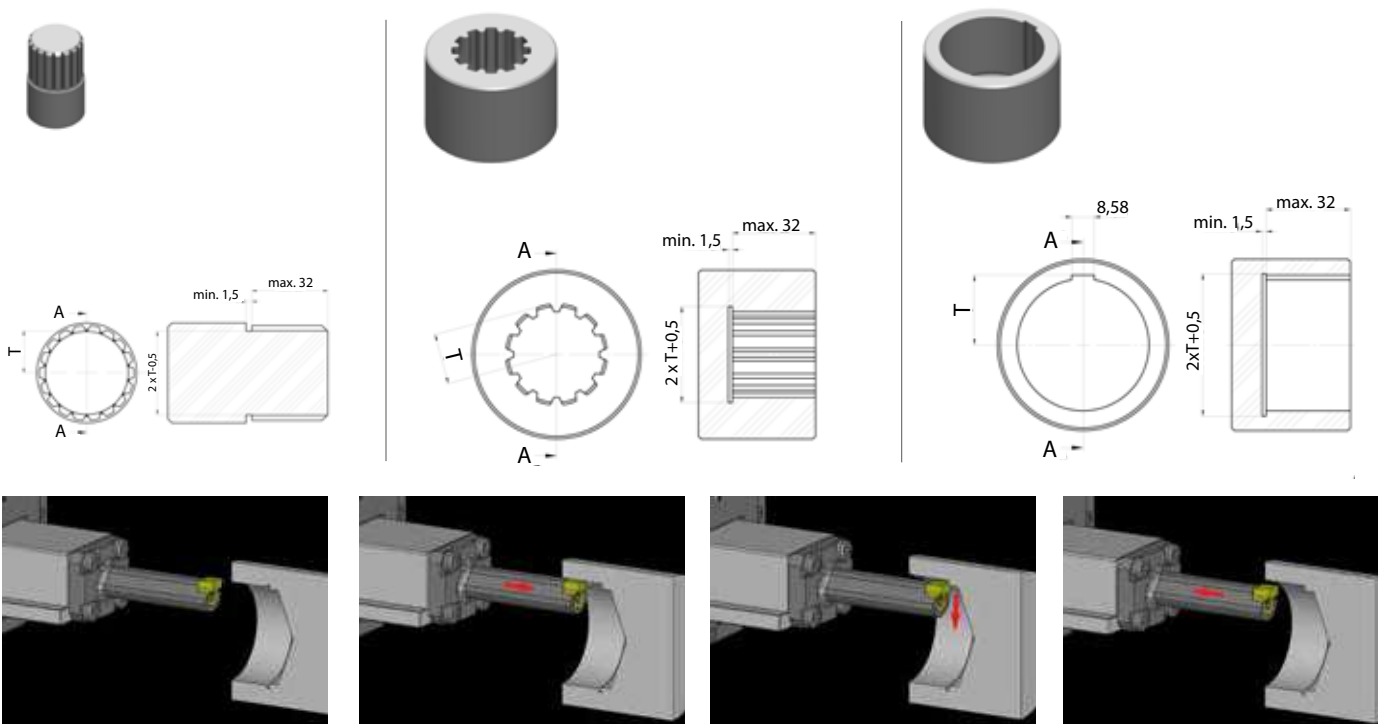


## How It Works

The new Gerardi broaching device utilizes the rotary motion of the turret drive to generate a translational movement with integrated lifting function on the return stroke. Additionally, the device offers the possibility of adjusting the X/Y axis and the passage of lubricant internally or externally (with a maximum pressure of 8 bar). Thanks to our cutting-edge technology, the production of internal and external profiles, keys or grooves has become more convenient in terms of time and economy. Our broaching devices can operate up to 1200 rpm, ensuring high efficiency and precision.

### Dimensioni - Dimension

| Corsa Pitch | A1  | A2 | A3  | B1 | B2 | B3  | L1 | L2  | L3   |
|-------------|-----|----|-----|----|----|-----|----|-----|------|
| 25          | 50  | 27 | 77  | 46 | 27 | 73  | 52 | 63  | 30   |
| 35          | 76  | 35 | 111 | 76 | 35 | 111 | 95 | 100 | 58   |
| 50          | 91  | 50 | 141 | 76 | 50 | 126 | 95 | 110 | 58   |
| 65          | 106 | 65 | 171 | 76 | 65 | 141 | 97 | 125 | 57,5 |



# In arrivo Motorizzati Potenziati! Upgraded Driven Tools are coming!

## HIGH PERFORMANCE

**Elevata coppia e 12.000 Rpm per lavorazioni a secco!**  
High torque and 12.000 Rpm for dry running!

**Modelli Biglia già disponibili a catalogo. Prossimamente DMG MORI!**  
Biglia models already available in the catalogue. Coming soon DMG MORI!



### MASSIME PRESTAZIONI E PROGETTAZIONE OTTIMIZZATA

Maximum Performance and Optimised Design

- Progettazione ottimizzata nella struttura e nei cuscinetti
- Migliori performance in fresatura e foratura
- Albero principale esente da usura
- Optimized design in the structure and bearings
- Better performance in milling and drilling
- Wear-free main shaft



### EFFICIENZA TERMICA E MANUTENZIONE SEMPLIFICATA

Thermal efficiency and simplified maintenance

- Ridotto incremento delle temperature
- Tenuta meccanica senza guarnizione
- Montaggio smontaggio semplificati
- Intervalli di manutenzione ridotti
- Reduced increase in temperatures
- Mechanical seal without gasket
- Simplified assembly and disassembly
- Reduced maintenance intervals



### POSSIBILITÀ DI LAVORARE A SECCO

Dry running available

- Possibilità di lavorare a secco ad alte velocità (ma con valori ridotti del 70%)
- Continuo miglioramento della tecnologia di tenuta
- Possibility of dry running at high speeds (but with values reduced by 70%)
- Continuous improvement of sealing technology



### CHIAVE DI BLOCCAGGIO CON SISTEMA "SENZA MANI"

'Hands-free' locking wrench

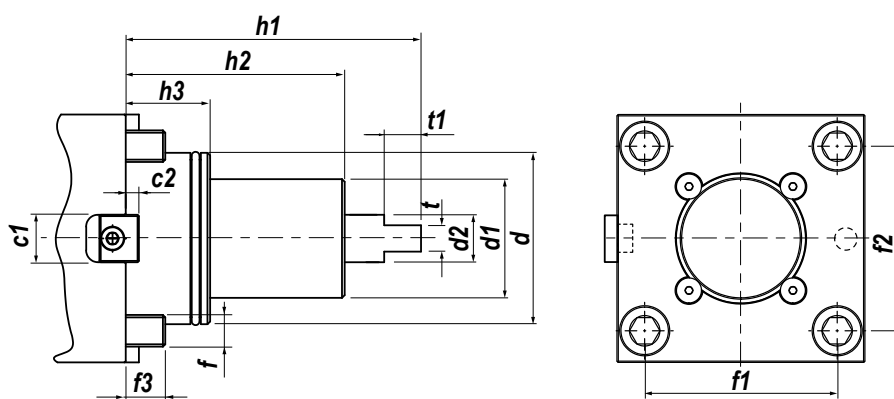
- La chiave di bloccaggio dell'albero portapinza rimane fissa liberando una mano per un migliore serraggio dell'utensile
- Ridotto il tempo operativo di attrezzaggio
- The collet holder shaft locking key remains fixed, freeing one hand for better tightening of the tool
- Reduced operating time when tooling up the machine.

**Contatta il tuo Agente di zona - Ask to your area Distributor**

**PROSSIMAMENTE NUOVI MODELLI!**  
**NEW MODELS COMING SOON!**



**NEW  
2025**



|       | c1  | c2 | d   | d1  | d2 | f   | f1 | f2 | f3 | h1   | h2 | h3 | t | t1 |
|-------|-----|----|-----|-----|----|-----|----|----|----|------|----|----|---|----|
| BMT40 | 12  | 4  | Ø40 | Ø35 | 15 | M8  | 50 | 50 | 14 | 58   | 43 | 20 | 7 | 10 |
| BMT55 | Ø15 | 5  | Ø55 | Ø48 | -  | M10 | 63 | 65 | 12 | 94,5 | 53 | 28 | 8 | -  |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

**COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS**



**DOTAZIONE STANDARD  
STANDARD EQUIPMENT**

Chiave bloccaggio albero / chiave per bloccaggio ghiera  
/ ugello refrigerazione / viti bloccaggio motorizzato  
Shaft lock wrench / nut lock wrench / cooling nozzle  
Art.183 / nozzle lock screws / driven tool locking screws



**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
**MODULAR QUICK CHANGE** See page 7.12 - 7.15

Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).

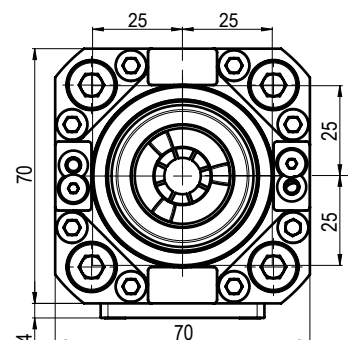
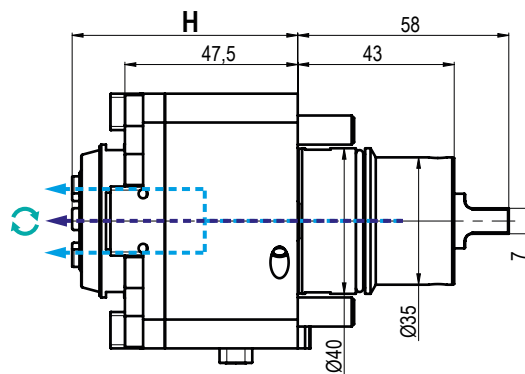
Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**BIGLIA**
**NEW**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**40**


**TIPO - TYPE**  
Assiale  
Axial

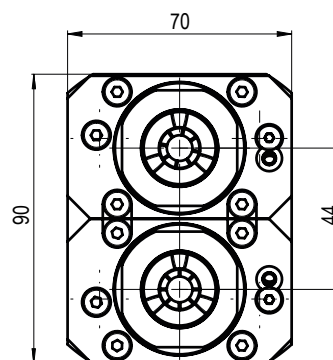
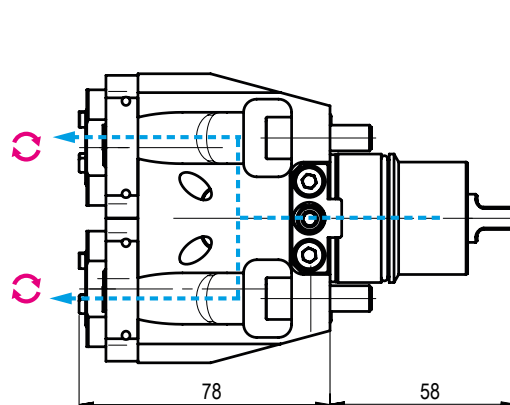
**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE  
COOLANT**  
80 bar

**RATIO**  
1:1

**ROTAZIONE - ROTATION**  
Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H    | h1   | Nm | Rpm   |  |
|-----------|--------|-----------|------|------|----|-------|--|
| 99.BG.A53 | ER-20  | ✓         | 62   | 47,5 | 26 | 8.000 |  |
| 99.BG.A54 | ER-20  | NO        | 52,5 | 42   | 26 | 8.000 |  |

**5**

**TIPO - TYPE**  
Assiale  
Axial

**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE  
COOLANT**  
Esterno  
External

**RATIO**  
1:1

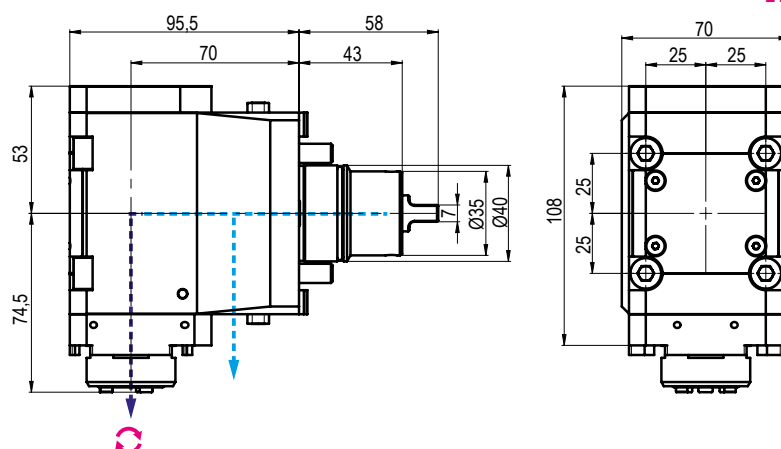
**ROTAZIONE - ROTATION**  
Opposto al mandrino  
Opposite as m. spindle

| Code      | Output | Int Cool. | H  | Nm | Rpm   |  |
|-----------|--------|-----------|----|----|-------|--|
| 99.BG.A55 | ER-16  | NO        | 78 | 10 | 6.000 |  |
| 99.BG.A56 | ER-20  | NO        | 78 | 10 | 6.000 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**BIGLIA**
**NEW**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**40**

**TIPO - TYPE**
**Radiale**  
Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

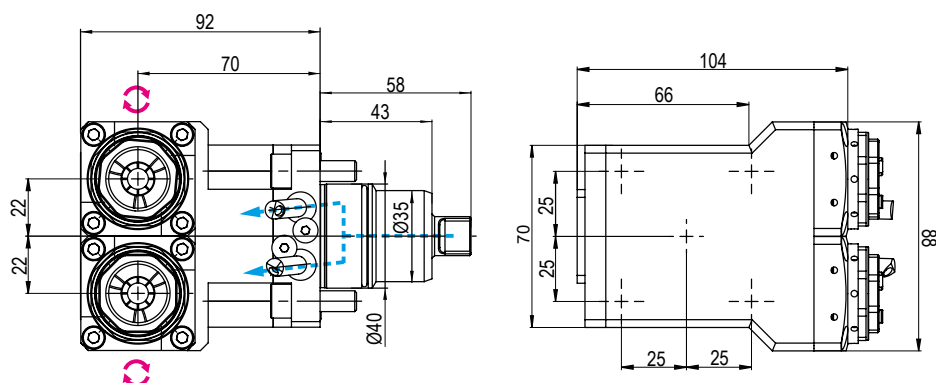
**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Opposto al mandrino**  
Opposite as m. spindle

| Code      | Output | Int Cool. | H  | h1   | h2 | Nm | Rpm   |  |
|-----------|--------|-----------|----|------|----|----|-------|--|
| 99.BG.A57 | ER-20  | ✓         | 70 | 74,5 | 53 | 26 | 8.000 |  |
| 99.BG.A58 | ER-20  | NO        | 70 | 74,5 | 50 | 26 | 8.000 |  |



**TIPO - TYPE**
**Doppio Radiale**  
Double Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Opposto al mandrino**  
Opposite as m. spindle

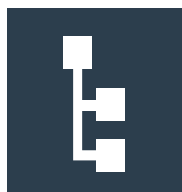
| Code      | Output | Int Cool. | H  | Nm | Rpm   |  |
|-----------|--------|-----------|----|----|-------|--|
| 99.BG.A59 | ER-16  | NO        | 70 | 22 | 6.000 |  |





PIÙ SEMPLICE / PIÙ INFO / PIÙ PRODOTTI - EASIER / MORE INFO / MORE PRODUCTS

TROVA IL TUO PRODOTTO IN POCHI CLICK - FIND YOUR PRODUCT IN FEW CLICKS



by category



by code



by description



by configurator

## Un nuovo modo facile e veloce per ordinare la tua attrezzatura Gerardi

Il nuovo Gerardi estore offre la possibilità di visualizzare e ordinare qualsiasi articolo Gerardi appartenente alle categorie Workholding o Tooling presente sui nostri listini in modo semplice, veloce e completo. Da ora puoi ordinare la morsa, la testa angolare o il motorizzato che ti interessa direttamente on-line dal nostro estore senza costi aggiuntivi.

## A new quick and easy way to order your equipment branded Gerardi.

The new Gerardi estore offers the ability to view and order any item available on our Workholding and Tooling catalogues with the easiest, fastest and comprehensive way.

You can now order the vise, angle head or driven tool of your interest directly online from our store without any additional cost.



WINDOWS / IOS



ANDROID / IPHONE





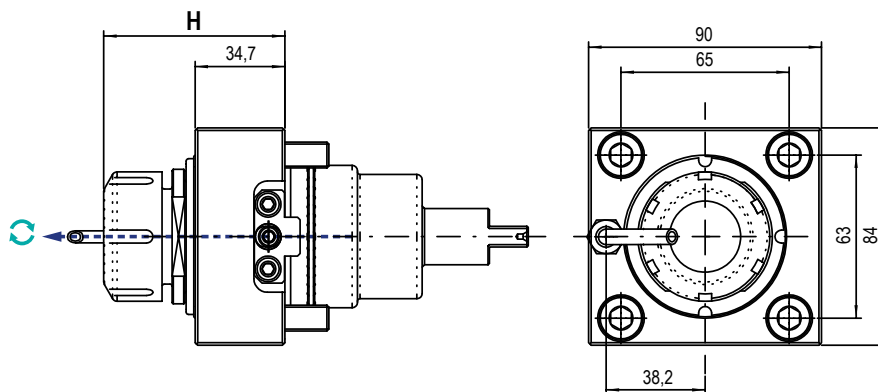
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

BIGLIA

NEW

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

18 bar



RATIO

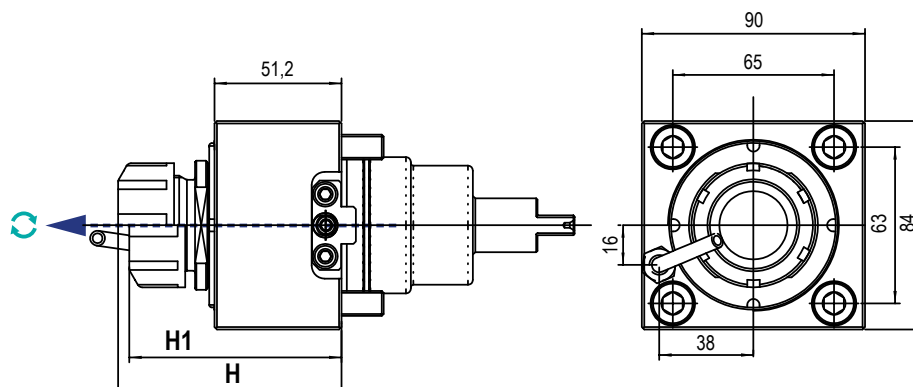
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H  | Nm | Rpm   | Kw  |  |
|-----------|--------|-----------|----|----|-------|-----|--|
| 99.BG.A02 | ER-32  | NO        | 70 | 47 | 6.000 | 3,7 |  |
| 99.BG.A03 | ER-32  | ✓         | 70 | 47 | 6.000 | 3,7 |  |
| 99.BG.A01 | ER-25  | NO        | 70 | 47 | 6.000 | 3,7 |  |
| 99.BG.A43 | ER-25  | NO        | 70 | 47 | 6.000 | 3,7 |  |



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

18 bar



RATIO

1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H      | H1       | Nm | Rpm   | Kw |  |
|-----------|---------------|-----------|--------|----------|----|-------|----|--|
| 99.BG.A04 | ER-32 - Ø2+20 | ✓         | Max 90 | Min 85,5 | 70 | 6.000 | 8  |  |
| 99.BG.A46 | ER-32 - Ø2+20 | NO        | Max 90 | Min 85,5 | 70 | 6.000 | 8  |  |

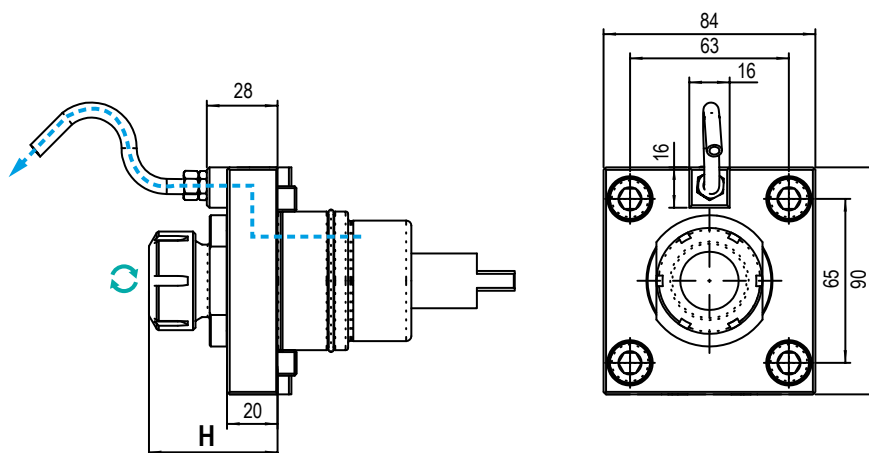
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

BIGLIA

NEW

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

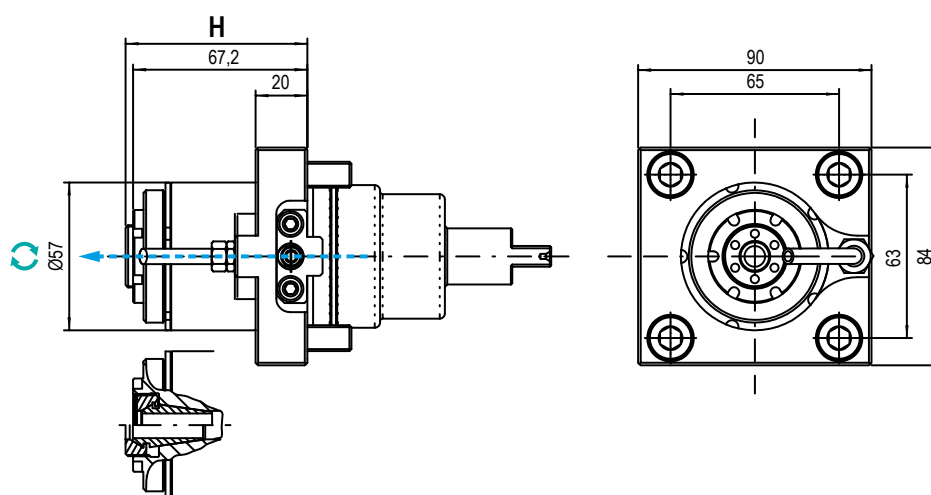
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | Nm | Rpm   | Kw  |  |
|-----------|---------------|-----------|----|----|-------|-----|--|
| 99.BG.A42 | ER-25 - Ø1÷16 | NO        | 51 | 47 | 6.000 | 3,7 |  |



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

1:4



ROTAZIONE - ROTATION

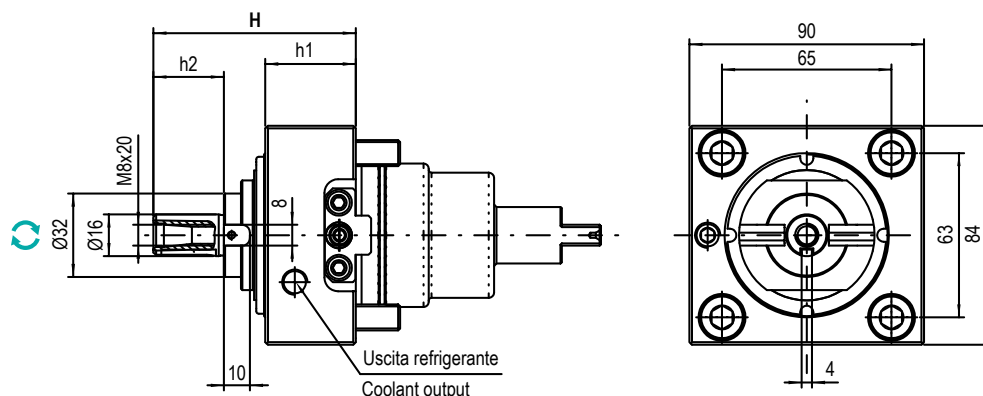
Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H      | Nm | Rpm    | Kw  |  |
|-----------|--------|-----------|--------|----|--------|-----|--|
| 99.BG.A45 | ER-16  | NO        | Max 70 | 4  | 24.000 | 3,7 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**BIGLIA**
**NEW**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**

**TIPO - TYPE**
**Assiale**  
Axial

**USCITA - OUTPUT**
**Porta Fresa**  
Shell End Milling Cutter

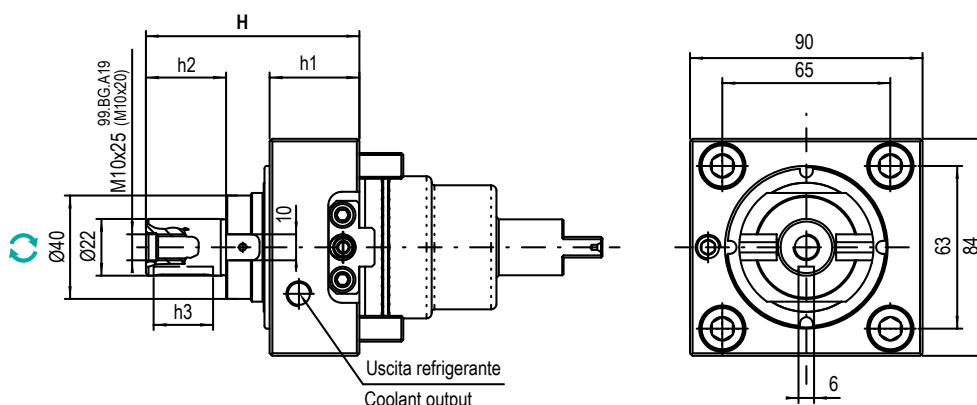
**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output | Int Cool. | H    | h1   | h2 | Nm | Rpm   | Kw  |  |
|-----------|--------|-----------|------|------|----|----|-------|-----|--|
| 99.BG.A25 | Ø16X17 | NO        | 67,6 | 34,7 | 17 | 47 | 6.000 | 3,7 |  |
| 99.BG.A28 | Ø16X17 | NO        | 87,6 | 56,7 | 17 | 47 | 6.000 | 3,7 |  |
| 99.BG.A24 | Ø16X27 | NO        | 77,6 | 34,7 | 27 | 47 | 6.000 | 3,7 |  |


**TIPO - TYPE**
**Assiale**  
Axial

**USCITA - OUTPUT**
**Porta Fresa**  
Shell End Milling Cutter

**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

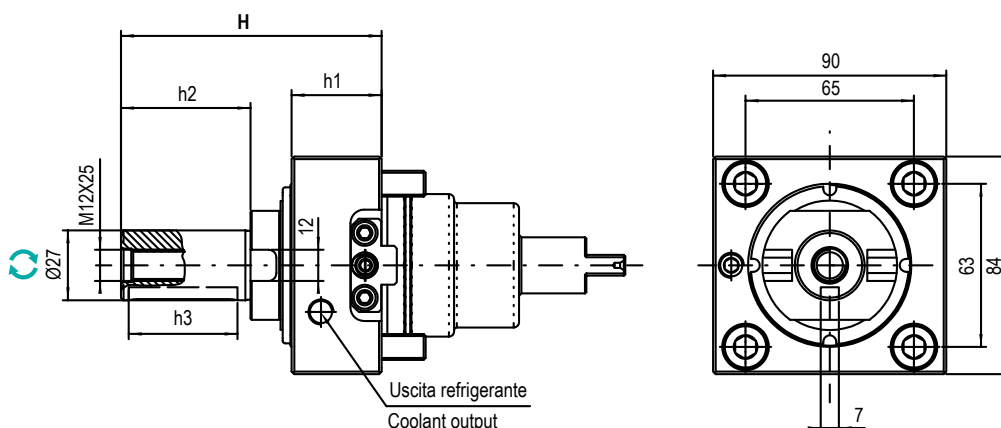
| Code      | Output | Int Cool. | H     | h1   | h2 | h3 | Nm | Rpm   | Kw  |  |
|-----------|--------|-----------|-------|------|----|----|----|-------|-----|--|
| 99.BG.A19 | Ø22X19 | NO        | 89,6  | 56,7 | 19 | 16 | 47 | 6.000 | 3,7 |  |
| 99.BG.A20 | Ø22X50 | NO        | 97,7  | 34,7 | 50 | 42 | 47 | 6.000 | 3,7 |  |
| 99.BG.A22 | Ø22X31 | NO        | 104,6 | 56,7 | 31 | 23 | 47 | 6.000 | 5,5 |  |
| 99.BG.A23 | Ø22X31 | NO        | 82,6  | 34,7 | 31 | 23 | 47 | 6.000 | 3,7 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

BIGLIA

NEW

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
55**


TIPO - TYPE

 Assiale  
Axial


USCITA - OUTPUT

 Porta Fresa  
Shell End Milling Cutter

 REFRIGERANTE  
COOLANT

 Esterno  
External


RATIO

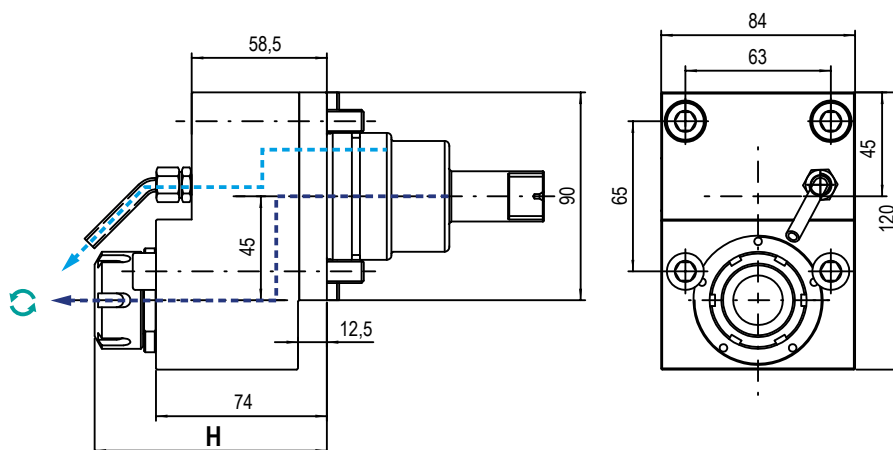
1:1



ROTAZIONE - ROTATION

 Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H     | h1   | h2 | h2 | Nm | Rpm   | Kw  |  |
|-----------|--------|-----------|-------|------|----|----|----|-------|-----|--|
| 99.BG.A26 | Ø27X50 | NO        | 100,6 | 34,7 | 50 | 42 | 47 | 6.000 | 3,7 |  |
| 99.BG.A27 | Ø27X33 | NO        | 103,6 | 56,7 | 33 | 23 | 47 | 6.000 | 3,7 |  |
| 99.BG.A21 | Ø27X33 | NO        | 99    | 51,2 | 33 | 23 | 70 | 6.000 | 8   |  |



TIPO - TYPE

 Disassato  
Offset Axis


USCITA - OUTPUT

 Porta Pinza  
Collet Chuck

 REFRIGERANTE  
COOLANT

20 bar



RATIO

1:2



ROTAZIONE - ROTATION

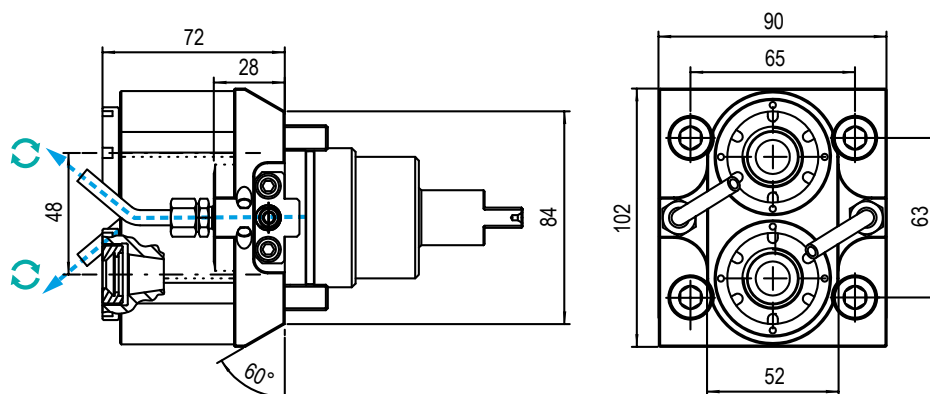
 Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H                 | Nm | Rpm    | Kw  |  |
|-----------|---------------|-----------|-------------------|----|--------|-----|--|
| 99.BG.A18 | ER-25 - Ø1÷16 | NO        | Max105 - Min100,5 | 23 | 12.000 | 3,7 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**BIGLIA**
**NEW**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**

**TIPO - TYPE**
**Assiale Doppio**  
Double Axial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

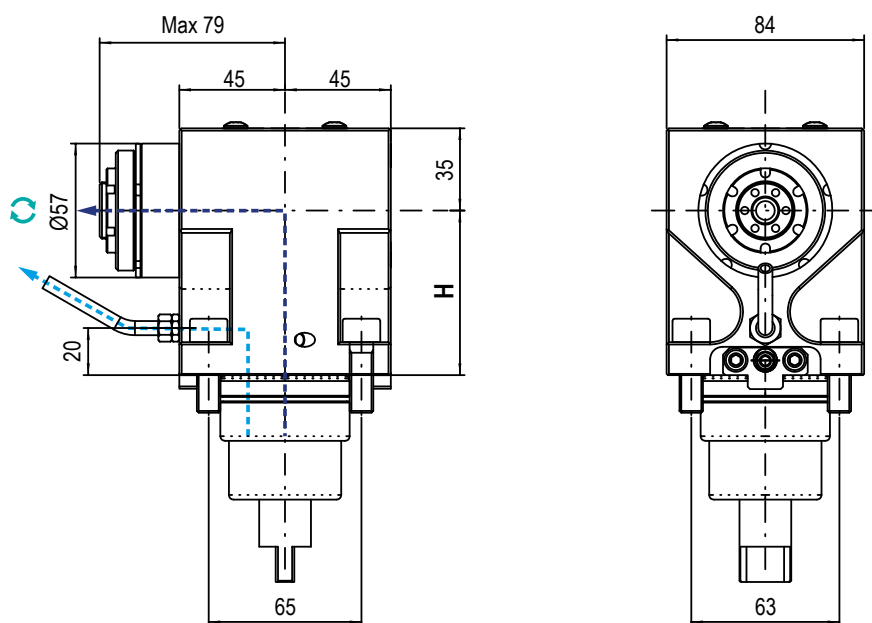
**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:2**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output    | Int Cool. | H  | Nm   | Rpm    | Kw  |  |
|-----------|-----------|-----------|----|------|--------|-----|--|
| 99.BG.A41 | ER16-ER16 | NO        | 72 | 12,5 | 12.000 | 3,7 |  |


**TIPO - TYPE**
**Radiale - Radial**

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**20 bar**

**RATIO**
**1:4**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output | Int Cool. | H   | Nm | Rpm    | Kw  |  |
|-----------|--------|-----------|-----|----|--------|-----|--|
| 99.BG.A12 | ER16   | NO        | 70  | 4  | 24.000 | 3,7 |  |
| 99.BG.A35 | ER16   | ✓         | 100 | 4  | 24.000 | 3,7 |  |
| 99.BG.A37 | ER16   | NO        | 100 | 4  | 24.000 | 3,7 |  |



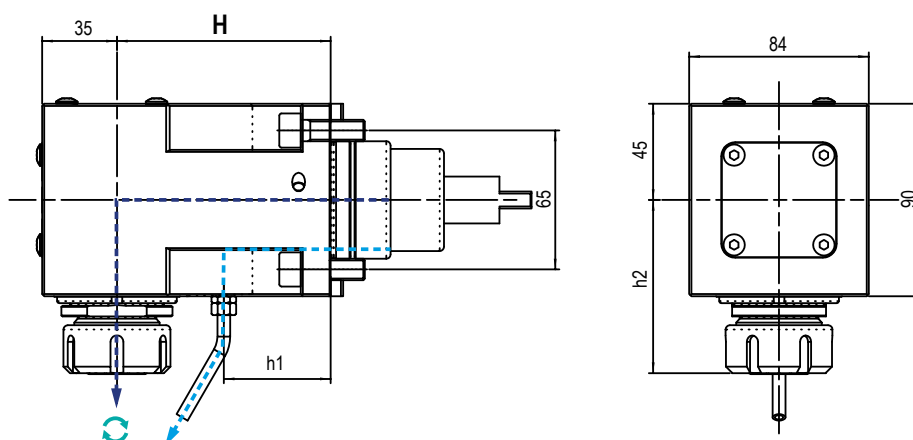
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

BIGLIA

NEW

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

20 bar



RATIO

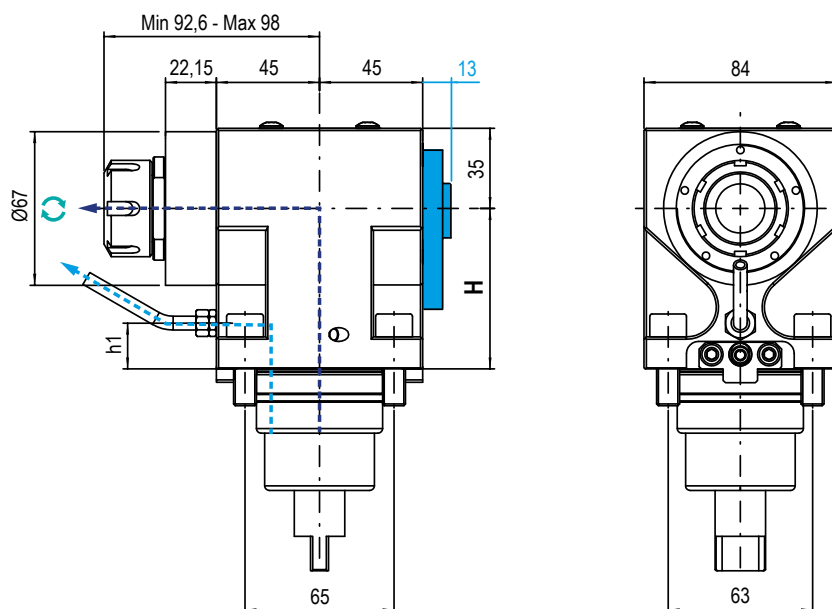
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H   | h1 | h2            | Nm | Rpm   | Kw  |  |
|-----------|--------|-----------|-----|----|---------------|----|-------|-----|--|
| 99.BG.A08 | ER-25  | NO        | 100 | 50 | 81            | 47 | 6.000 | 3,7 |  |
| 99.BG.A05 | ER-25  | NO        | 70  | 20 | Min80,5-Max85 | 47 | 6.000 | 3,7 |  |



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

20 bar



RATIO

1:2



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H   | h1 | Nm | Rpm    | Kw  |  |
|-----------|--------|-----------|-----|----|----|--------|-----|--|
| 99.BG.A11 | ER-25  | NO        | 70  | 20 | 23 | 12.000 | 3,7 |  |
| 99.BG.A34 | ER-25  | ✓         | 70  | 20 | 23 | 12.000 | 3,7 |  |
| 99.BG.A36 | ER-25  | NO        | 100 | 50 | 23 | 12.000 | 3,7 |  |

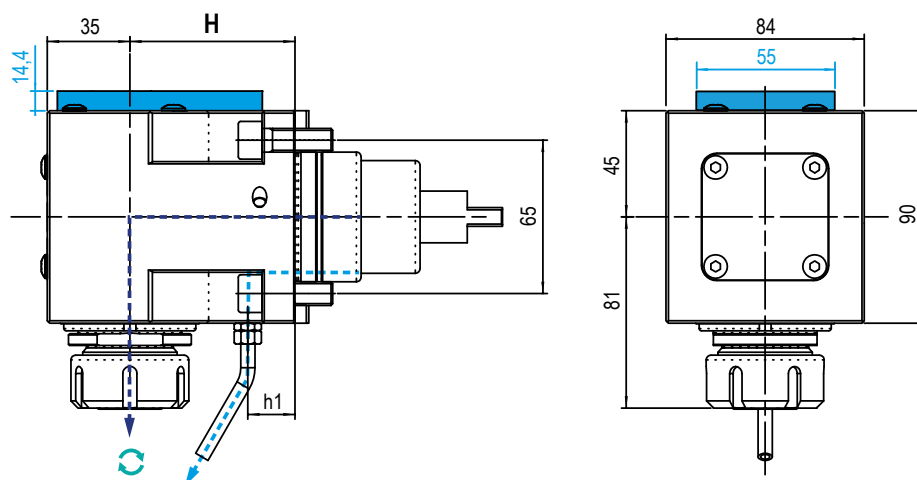
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

BIGLIA

NEW

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

20 bar



RATIO

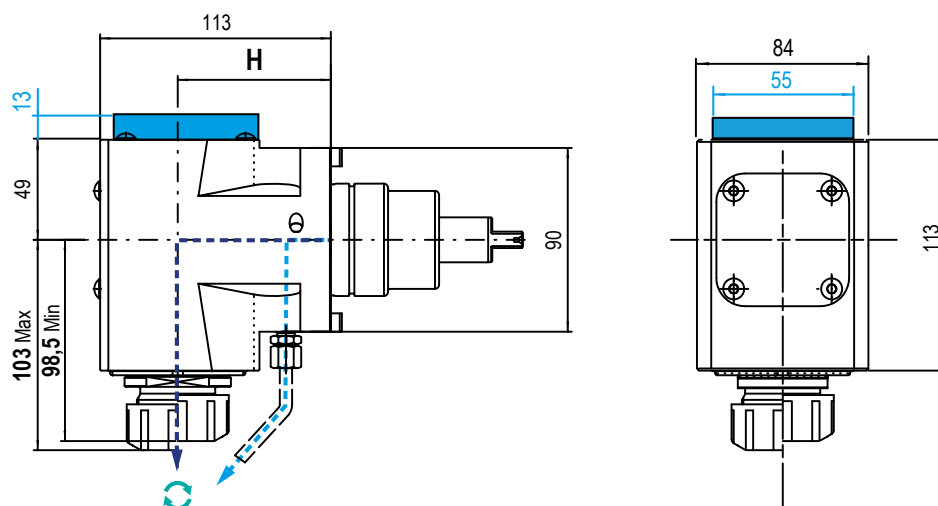
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H   | h1 | Nm | Rpm   | Kw  |  |
|-----------|--------|-----------|-----|----|----|-------|-----|--|
| 99.BG.A06 | ER-32  | NO        | 70  | 20 | 47 | 6.000 | 3,7 |  |
| 99.BG.A07 | ER-32  | ✓         | 70  | 20 | 47 | 6.000 | 3,7 |  |
| 99.BG.A09 | ER-32  | NO        | 100 | 50 | 47 | 6.000 | 3,7 |  |
| 99.BG.A10 | ER-32  | ✓         | 100 | 50 | 47 | 6.000 | 3,7 |  |



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

20 bar



RATIO

1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

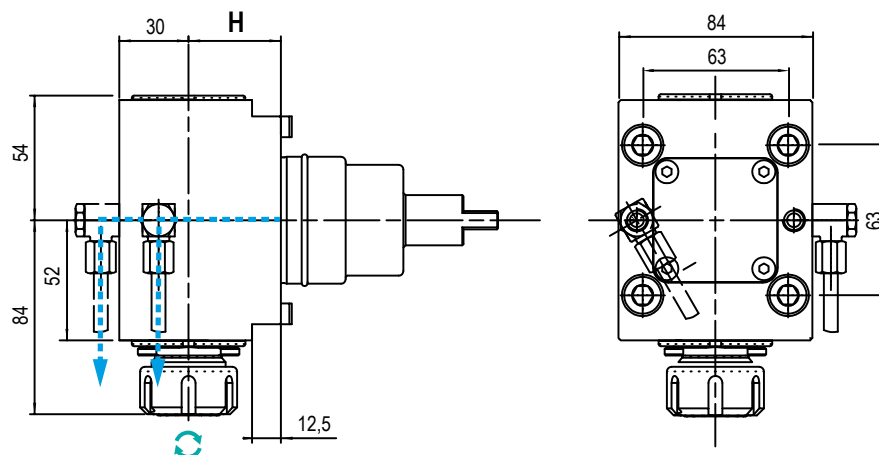
| Code      | Output | Int Cool. | H  | Nm | Rpm   | Kw |  |
|-----------|--------|-----------|----|----|-------|----|--|
| 99.BG.A47 | ER-32  | NO        | 75 | 70 | 6.000 | 8  |  |
| 99.BG.A49 | ER-32  | ✓         | 75 | 70 | 6.000 | 8  |  |

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

BIGLIA

NEW

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**

 TIPO - TYPE  
 Radiale  
 Radial

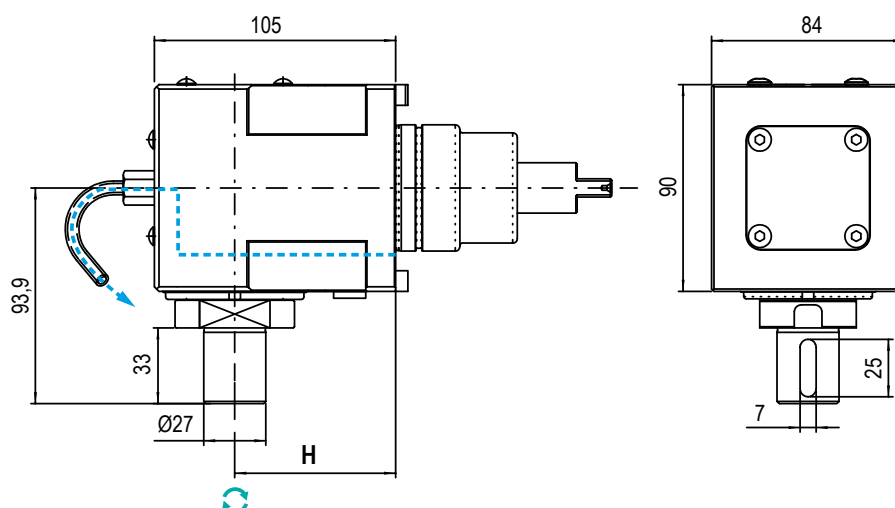
 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 Esterno  
 External

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Uguaie al mandrino  
 Same as machine spindle

| Code      | Output | Int Cool. | H   | Nm | Rpm   | Kw |  |
|-----------|--------|-----------|-----|----|-------|----|--|
| 99.BG.A39 | ER-25  | NO        | 40  | 40 | 6.000 | 6  |  |
| 99.BG.A31 | ER-25  | ✓         | 100 | 40 | 6.000 | 6  |  |


 TIPO - TYPE  
 Radiale  
 Radial

 USCITA - OUTPUT  
 Porta Fresa  
 Shell End Milling Cutter

 REFRIGERANTE  
 COOLANT  
 Esterno  
 External

 RATIO  
 1:1

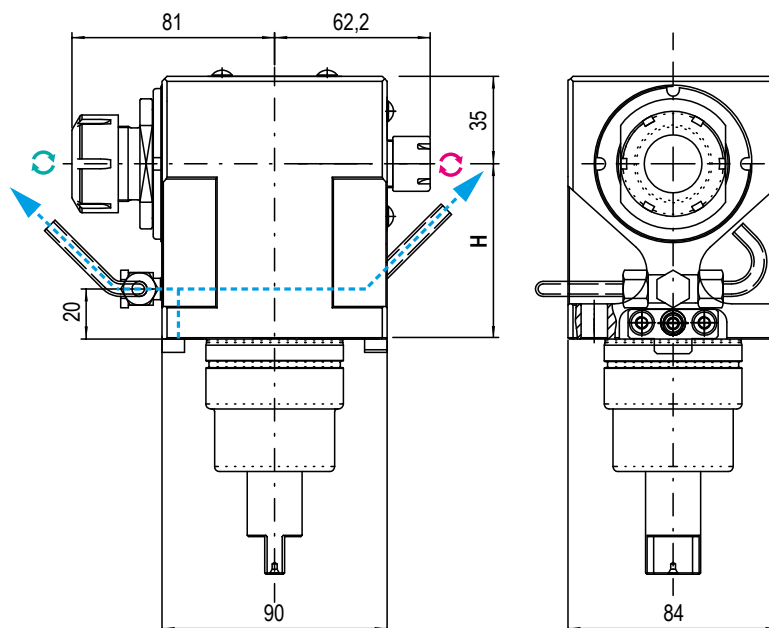
 ROTAZIONE - ROTATION  
 Uguaie al mandrino  
 Same as machine spindle

| Code      | Output | Int Cool. | H  | Nm | Rpm   | Kw  |  |
|-----------|--------|-----------|----|----|-------|-----|--|
| 99.BG.A17 | Ø27X33 | NO        | 70 | 47 | 6.000 | 3,7 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**BIGLIA**
**NEW**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**55**


TIPO - TYPE

**Radiale Doppio**  
Double Radial


USCITA - OUTPUT

**Porta Pinza**  
Collet Chunk

REFRIGERANTE  
COOLANT

**Esterno**  
External

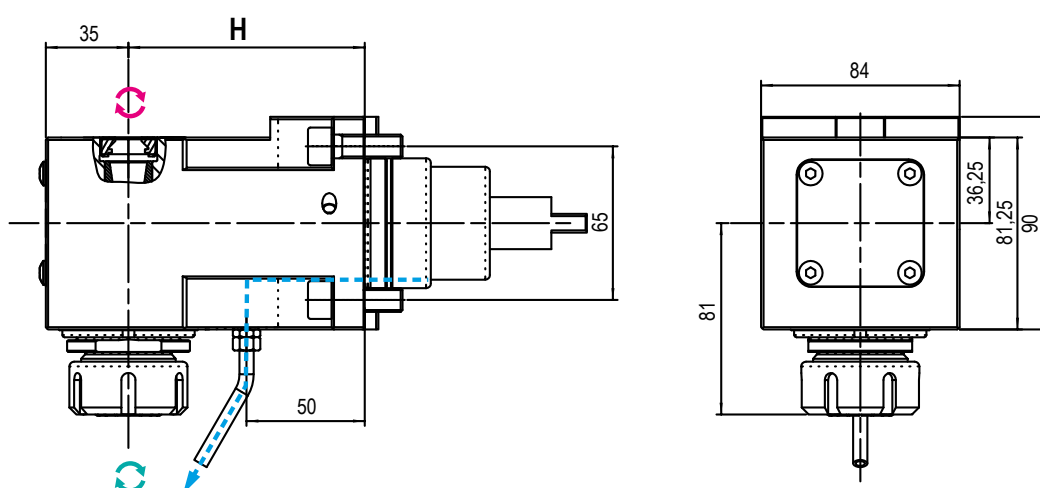

RATIO

**1:1**


ROTAZIONE - ROTATION

**Uguale ed opposto al mandrino**  
Same and opposite as m. spindle

| Code      | Output      | Int Cool. | H  | Nm | Rpm   | Kw  |  |
|-----------|-------------|-----------|----|----|-------|-----|--|
| 99.BG.A13 | ER25 - ER16 | NO        | 70 | 47 | 6.000 | 3,7 |  |



TIPO - TYPE

**Radiale**  
Radial


USCITA - OUTPUT

**Porta Pinza**  
Collet Chunk

REFRIGERANTE  
COOLANT

**Esterno**  
External


RATIO

**1:1**


ROTAZIONE - ROTATION

**Uguale ed opposto al mandrino**  
Same and opposite as m. spindle

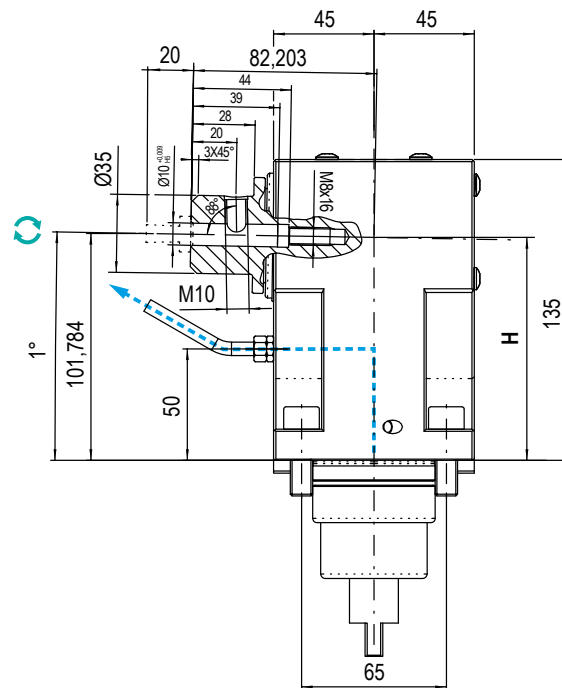
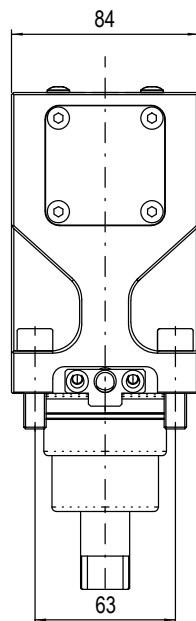
| Code      | Output             | Int Cool. | H   | Nm | Rpm   | Kw  |  |
|-----------|--------------------|-----------|-----|----|-------|-----|--|
| 99.BG.A14 | ER25-ER16(Interna) | NO        | 100 | 47 | 6.000 | 3,7 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

BIGLIA

NEW

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
55**

 TIPO - TYPE  
 Radiale  
 Radial

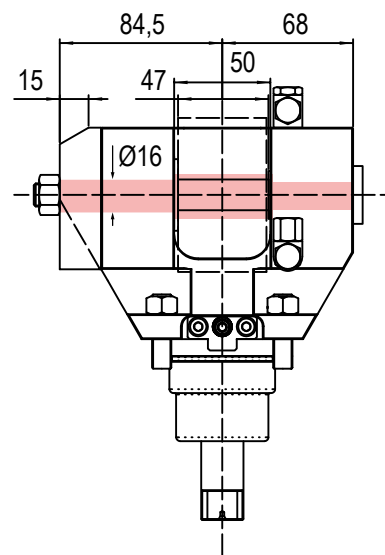
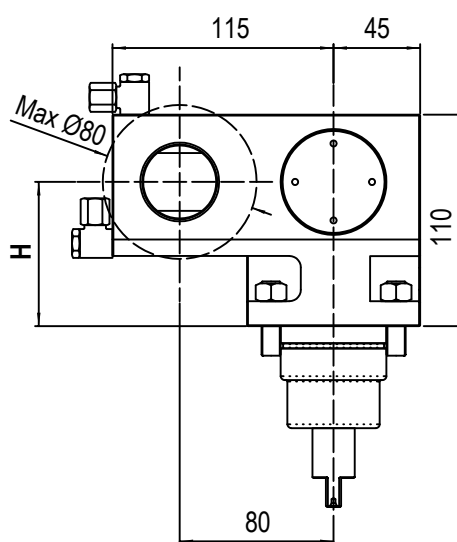
 USCITA - OUTPUT  
 Porta Brocciatore  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 Esterno  
 External

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output      | Int Cool. | H   | Nm | Rpm   | Kw  |  |
|-----------|-------------|-----------|-----|----|-------|-----|--|
| 99.BG.A32 | DIN1835 Ø10 | NO        | 100 | 47 | 6.000 | 3,7 |  |


 TIPO - TYPE  
 Radiale  
 Radial

 USCITA - OUTPUT  
 Porta Creatore  
 Driven gear hobber

 REFRIGERANTE  
 COOLANT  
 Esterno  
 External

 RATIO  
 2:1

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output | Int Cool. | H  | Nm | Rpm   | Kw  |  |
|-----------|--------|-----------|----|----|-------|-----|--|
| 99.BG.A40 | Ø16    | NO        | 75 | 94 | 3.000 | 3,7 |  |

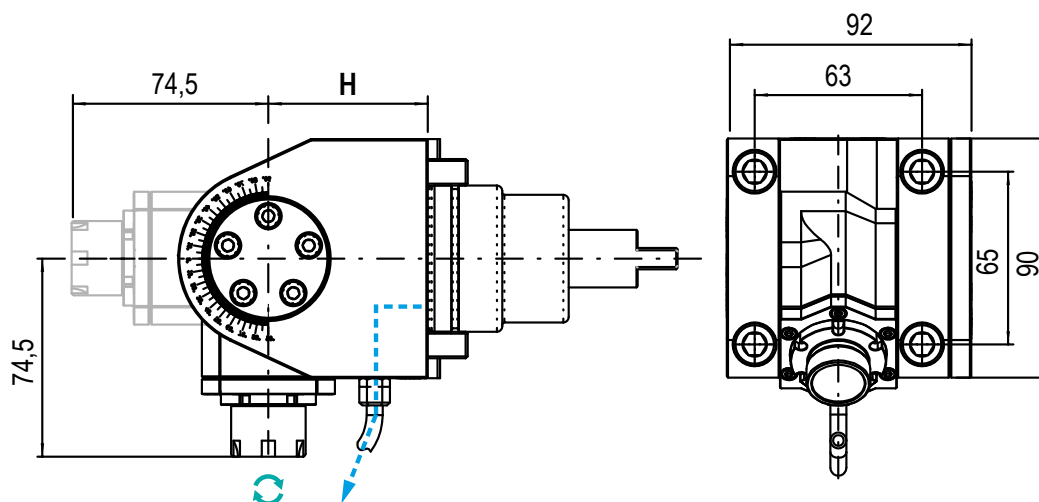
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

BIGLIA

NEW

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**



TIPO - TYPE

Orientabile  $\pm 90^\circ$   
 $\pm 90^\circ$  Adjustable



USCITA - OUTPUT

Porta pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

1:1  
1:2



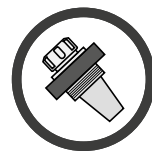
ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H  | Nm | Rpm    | Kw  |  |
|-----------|--------|-----------|----|----|--------|-----|--|
| 99.BG.A16 | ER-20  | NO        | 60 | 16 | 6.000  | 3,7 |  |
| 99.BG.A15 | ER-16  | NO        | 60 | 16 | 6.000  | 3,7 |  |
| 99.BG.A29 | ER-16  | NO        | 60 | 8  | 12.000 | 3,7 |  |



# Q MODULAR QUICK CHANGE ADAPTORS



COMPATIBILI CON TUTTE LE USCITE ER - COMPATIBLE WITH ALL ER OUTPUTS

## SISTEMA MODULARE MODULAR SYSTEM



Facile e veloce sistema modulare universale per cambiare rapidamente diverse tipologie di utensili.

An easy modular system to replace quickly any tool you need.

## VANTAGGI ADVANTAGES



Aiutano a ridurre i costi-extra per l'acquisto di nuovi motorizzati o teste angolari.

The costs for further requirements of spindle units can be reduced by using the universal quick change adaptors

## ALTE PRESTAZIONI HIGH PERFORMANCE



Ghiera con cuscinetto a sfera e losanga di trascinamento removibile per una maggiore rigidità.

High rigidity thanks to the ball bearing nut and the removable diamond plate

## COMPATIBILITÀ COMPATIBILITY



Ampia gamma di uscite disponibili adatte al montaggio su qualsiasi tipologia di motorizzato o testa angolare con uscita ER

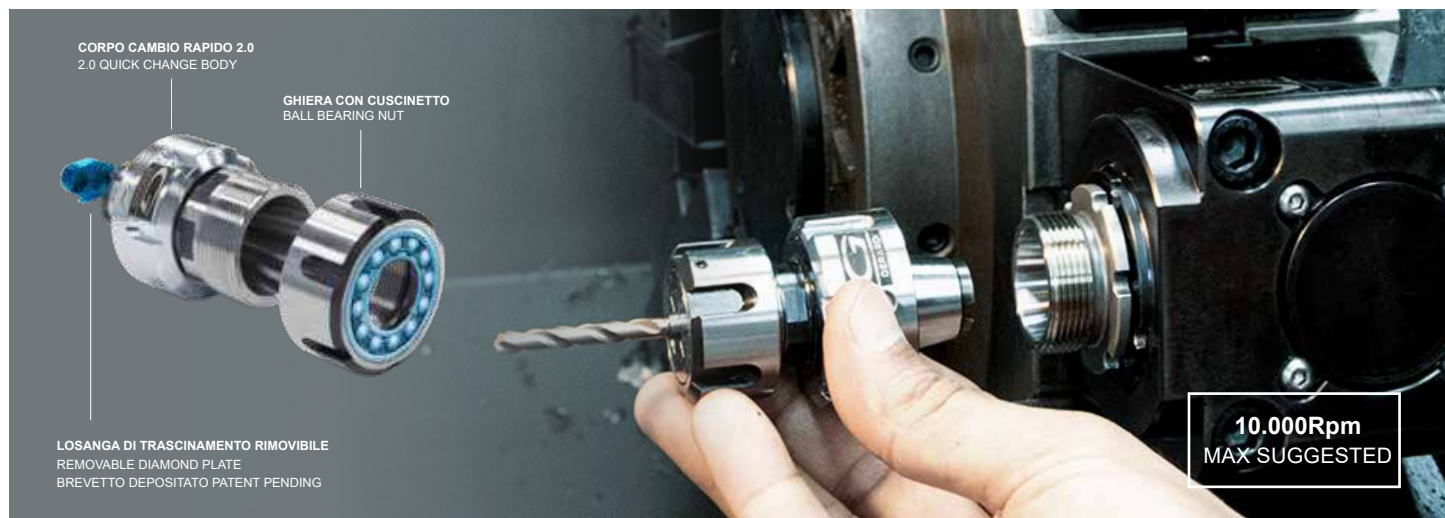
Wide range of outputs available. Ball bearing nut and removable diamond plate for highest rigidity.

I cambi rapidi modulari Gerardi mantenendo il presetting precedentemente realizzato consentono un notevole risparmio dei costi ed un ottimizzazione dei tempi ciclo. Sono perfettamente compatibili con tutti i motorizzati e le teste angolari aventi uscita ER DIN6499 e possono essere utilizzati sia con refrigerante interno che esterno.

- Nuovi cambi rapidi modulari 2.0 a FORTE SERRAGGIO, 100% Made in Italy.
- Prestazioni garantite e maggior rigidità sui motorizzati Gerardi grazie alla losanga di trascinamento (rimovibile) e alla ghiera con cuscinetto a sfera.
- Adattabili a motorizzati con uscita refrigerante sia interna che esterna.
- Si consiglia di non superare i 10.000 Rpm utilizzando i cambi rapidi

The Gerardi modular quick change adaptors keep the tool presetting previously made and allow great costs and machining times saving. They are perfectly compatible with all driven tools and angle head with ER DIN6499 output and they can be used with internal or external coolant.

- Universal HIGH TORQUE modular quick change adaptor 100% Made in Italy.
- Guaranteed higher rigidity and performances on Gerardi driven tools thanks to the removable diamond plate and the ball bearing nut
- Suitable for ER toolholder with external and internal coolant supply
- Using the quick change adaptors, we suggest not to exceed 10.000 Rpm



Vedi Pagine 7.14 - 7.15 - See pages 7.14 - 7.15



ER OUTPUTS COMPATIBLE



2 YEARS GUARANTEED



100% MADE IN ITALY

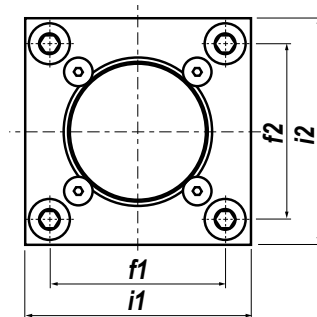
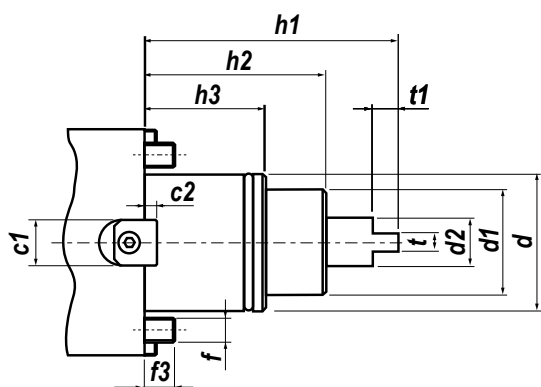


DOOSAN / HARDINGE / SAMSUNG / HWACHEON  
HYUNDAI WIA / VICTOR / HAAS / GOODWAY / JYOTI  
TAKISAWA TAIWAN

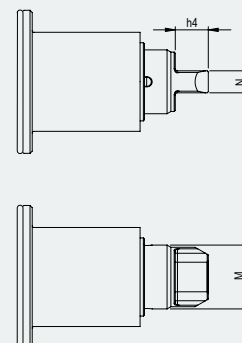


Uscita - Output  
**C. ISO26623**

DISPONIBILI SU RICHIESTA  
AVAILABLE ON REQUEST



**TENONE MAGGIORNATO**  
BIGGER TENON



| Type  | c1 | c2 | d  | d1 | d2   | f   | f1  | f2  | f3 | h1  | h2  | h3 | i1  | i2  | t  | t1  | h4  | N  | Ø M |
|-------|----|----|----|----|------|-----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|
| BMT45 | 15 | 4  | 45 | 35 | 14   | M8  | 58  | 58  | 10 | 84  | 60  | 40 | 75  | 75  | 6  | 8,5 | -   | -  | -   |
| BMT55 | 15 | 4  | 55 | 40 | 16   | M10 | 64  | 64  | 14 | 104 | 75  | 30 | 85  | 85  | 8  | 8,5 | 9,5 | 8  | 29  |
| BMT65 | 18 | 5  | 65 | 45 | 18   | M12 | 70  | 73  | 15 | 112 | 83  | 32 | 94  | 94  | 10 | 14  | 15  | 10 | 29  |
| BMT75 | 25 | 5  | 75 | 55 | 23   | M12 | 90  | 90  | 15 | 110 | 80  | 43 | 112 | 112 | 14 | 15  | -   | -  | -   |
| BMT85 | 25 | 5  | 85 | 65 | 33,5 | M12 | 100 | 100 | 18 | 140 | 100 | 43 | 125 | 125 | 16 | 20  | -   | -  | -   |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS



**DOTAZIONE STANDARD**  
STANDARD EQUIPMENT

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Shaft lock wrench / cooling nozzle / nozzle lock screws / driven tool locking screws / O-ring



**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
MODULAR QUICK CHANGE See page 7.12 - 7.15

Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).  
Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

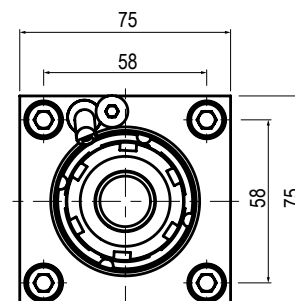
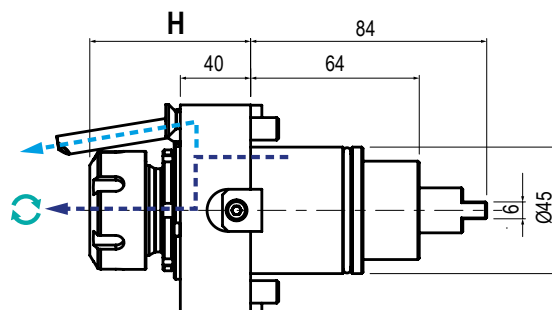
JYOTI

NEXTURN

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
45**

 TIPO - TYPE  
 Assiale  
 Axial

 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chunk

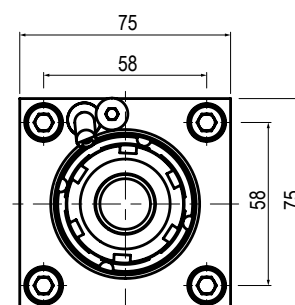
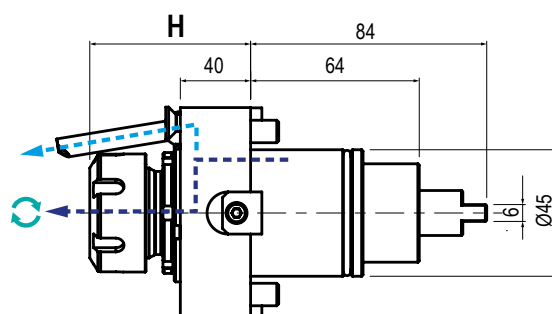
 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H         | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----------|----|-------|----|--|
| 99.DS.A03 | ER-25 - Ø1÷16 | NO        | 53,5÷57,2 | 35 | 8.000 | 6  |  |
| 99.DS.A04 | ER-25 - Ø1÷16 | ✓         | 53,5÷57,2 | 35 | 8.000 | 6  |  |

5


 TIPO - TYPE  
 Assiale  
 Axial

 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chunk

 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H         | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----------|----|-------|----|--|
| 99.DS.A83 | ER-32 - Ø2÷20 | NO        | 76,5÷80,2 | 35 | 8.000 | 6  |  |
| 99.DS.A84 | ER-32 - Ø2÷20 | ✓         | 76,5÷80,2 | 35 | 8.000 | 6  |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

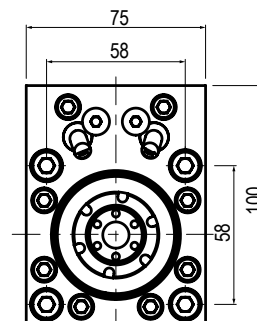
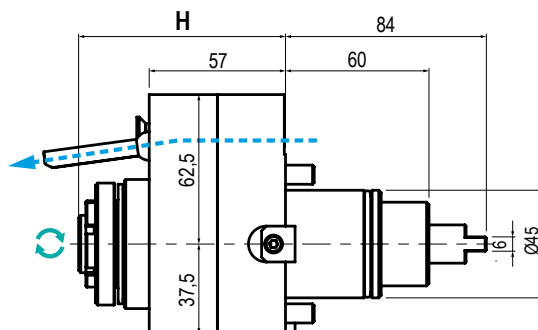
JYOTI

NEXTURN

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
45**


TIPO - TYPE

 Assiale  
Axial


USCITA - OUTPUT

 Porta Pinza  
Collet Chunk

 REFRIGERANTE  
COOLANT

 Esterno  
External

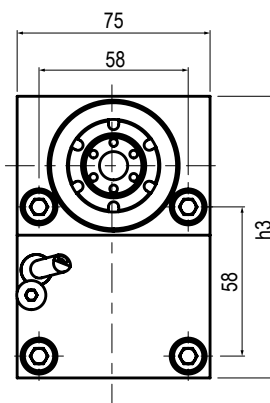
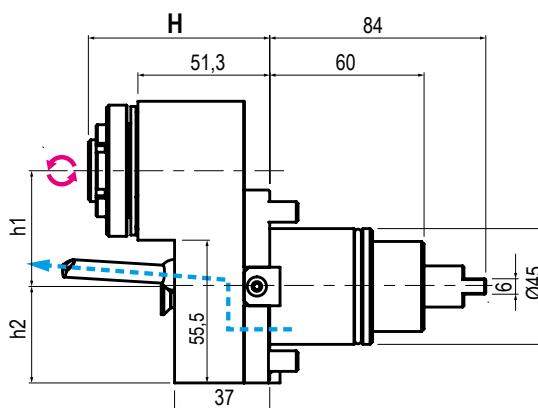

RATIO

**1:4**


ROTAZIONE - ROTATION

 Uguale al mandrino  
Same as machine spindle

| Code      | Output           | Int Cool. | H         | Nm | Rpm    | kw |  |
|-----------|------------------|-----------|-----------|----|--------|----|--|
| 99.DS.A05 | ER-16 EF - Ø1+10 | NO        | 82,5+86,5 | 12 | 32.000 | 3  |  |



TIPO - TYPE

 Disassato  
Offset Axis


USCITA - OUTPUT

 Porta Pinza  
Collet Chunk

 REFRIGERANTE  
COOLANT

 Esterno  
External


RATIO

**1:2**


ROTAZIONE - ROTATION

 Opposto al mandrino  
Opposite to machine spindle

| Code      | Output           | Int Cool. | H         | h1 | h2   | h3    | Nm | Rpm    | kw |  |
|-----------|------------------|-----------|-----------|----|------|-------|----|--------|----|--|
| 99.DS.A06 | ER-16 EF - Ø1+10 | NO        | 66,8+70,5 | 45 | 37,5 | 109,5 | 15 | 16.000 | 4  |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

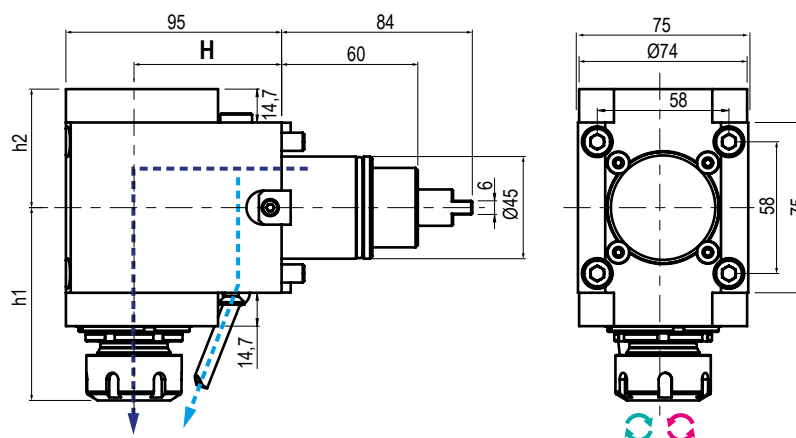
JYOTI

NEXTURN

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
45**


TIPO - TYPE

 Radiale  
Radial


USCITA - OUTPUT

 Porta Pinza  
Collet Chunk

 REFRIGERANTE  
COOLANT

80 bar



RATIO

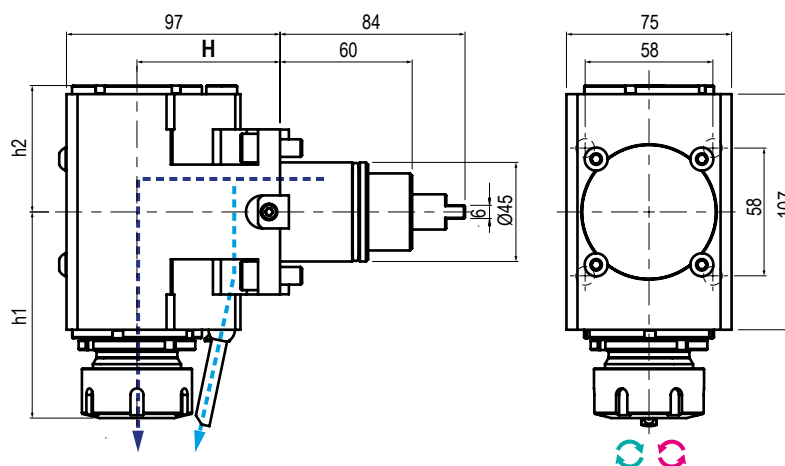
1:1



ROTAZIONE - ROTATION

 Uguale / opposto al mandrino  
Same / opposite as m. spindle

| Code       | * | Output        | Int Cool. | H  | h1        | h2   | Nm | Rpm   | kw |  |
|------------|---|---------------|-----------|----|-----------|------|----|-------|----|--|
| 99.DS.A07  |   | ER-25 - Ø1÷16 | NO        | 65 | 81,2÷84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.DS.A07C |   |               |           |    |           |      |    |       |    |  |
| 99.DS.A08  |   | ER-25 - Ø1÷16 | ✓         | 65 | 81,2÷84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.DS.A08C |   |               |           |    |           |      |    |       |    |  |



TIPO - TYPE

 Radiale  
Radial


USCITA - OUTPUT

 Porta Pinza  
Collet Chunk

 REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

 Uguale / opposto al mandrino  
Same / opposite as m. spindle

| Code       | * | Output        | Int Cool. | H  | h1        | h2   | Nm | Rpm   | kw |  |
|------------|---|---------------|-----------|----|-----------|------|----|-------|----|--|
| 99.DS.A97  |   | ER-25 - Ø1÷16 | NO        | 85 | 81,2÷84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.DS.A97C |   |               |           |    |           |      |    |       |    |  |
| 99.DS.A67  |   | ER-25 - Ø1÷16 | ✓         | 85 | 81,2÷84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.DS.A67C |   |               |           |    |           |      |    |       |    |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

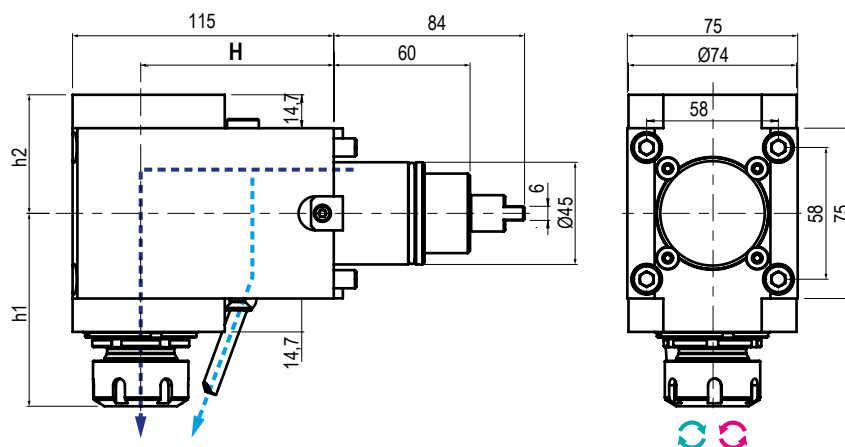
JYOTI

NEXTURN

SAMSUNG

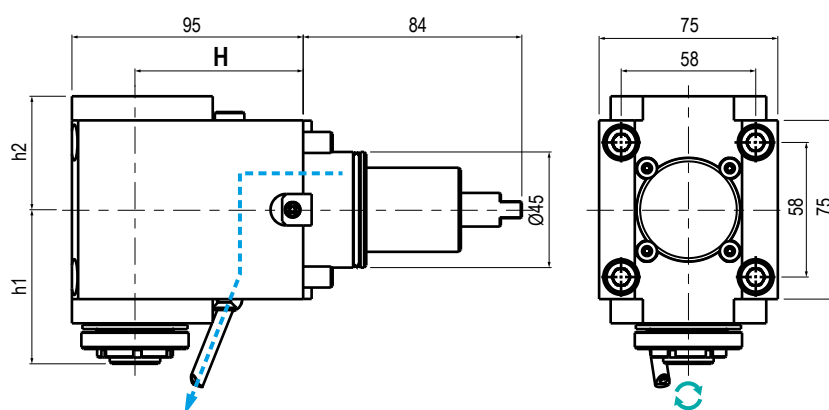
VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



**BMT  
45**

| Code       | * | Output        | Int Cool. | H  | h1        | h2   | Nm | Rpm   | kw |  |
|------------|---|---------------|-----------|----|-----------|------|----|-------|----|--|
|            |   |               |           |    |           |      |    |       |    |  |
| 99.DS.A87  |   | ER-32 - Ø2+20 | NO        | 65 | 89,9+93,6 | 57,4 | 35 | 8.000 | 6  |  |
| 99.DS.A87C |   |               |           |    |           |      |    |       |    |  |
| 99.DS.A88  |   | ER-32 - Ø2+20 | ✓         | 65 | 89,9+93,6 | 63,4 | 35 | 8.000 | 6  |  |
| 99.DS.A88C |   |               |           |    |           |      |    |       |    |  |



**5**

| Code      | Output           | Int Cool. | H  | h1        | h2   | Nm | Rpm    | kw |  |
|-----------|------------------|-----------|----|-----------|------|----|--------|----|--|
|           |                  |           |    |           |      |    |        |    |  |
| 99.DS.A09 | ER-16 EF - Ø1+10 | NO        | 65 | 66+69,7   | 52,5 | 12 | 32.000 | 3  |  |
| 99.DS.A10 | ER-16 EF - Ø1+10 | NO        | 65 | 69,6+73,3 | 54   | 15 | 16.000 | 4  |  |

\* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle



MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

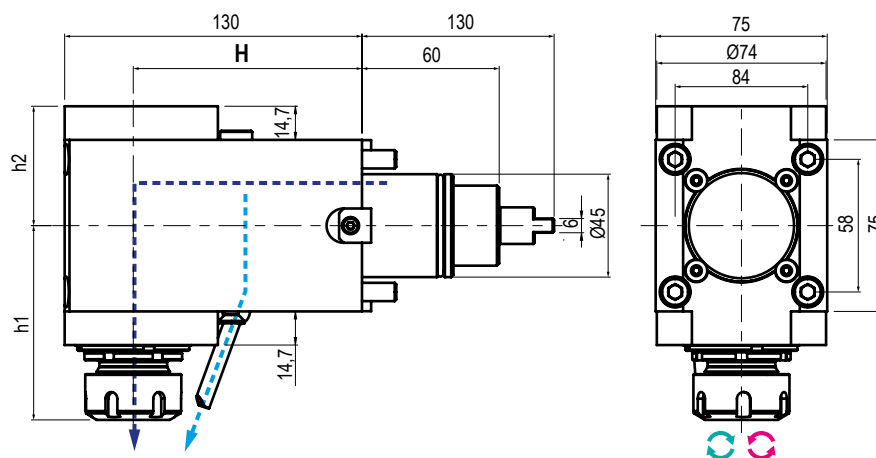
JYOTI

NEXTURN

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
45**

 TIPO - TYPE  
**Radiale**  
 Radial

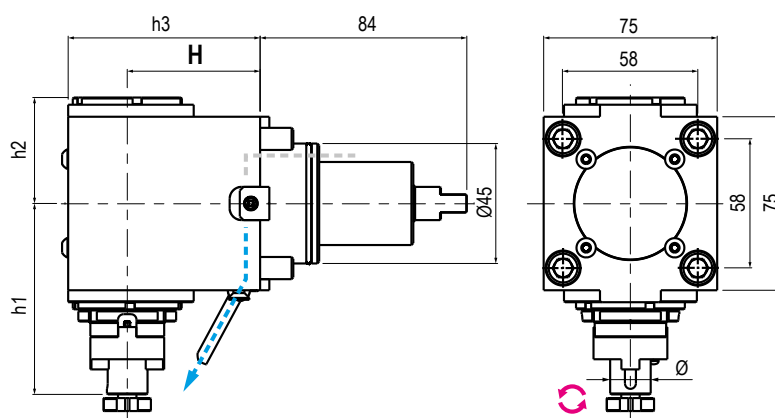
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chunk

 REFRIGERANTE  
 COOLANT  
**80 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale / opposto al mandrino  
 Same / opposite as m. spindle

| Code       | * | Output        | Int Cool. | H   | h1        | h2   | Nm | Rpm   | kw |  |
|------------|---|---------------|-----------|-----|-----------|------|----|-------|----|--|
| 99.DS.A98  |   | ER-25 - Ø1÷16 | NO        | 100 | 81,2÷84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.DS.A98C |   |               |           |     |           |      |    |       |    |  |
| 99.DS.A68  |   | ER-25 - Ø1÷16 | ✓         | 100 | 81,2÷84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.DS.A68C |   |               |           |     |           |      |    |       |    |  |

**5**

 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Fresa**  
 Shell End Milling Cutter

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

| Code       | Output | Int Cool. | H   | h1 | h2   | h3  | Nm | Rpm   | kw |  |
|------------|--------|-----------|-----|----|------|-----|----|-------|----|--|
| 99.DS.A100 | Ø16    | NO        | 85  | 95 | 52,2 | 115 | 35 | 8.000 | 6  |  |
| 99.DS.A101 | Ø16    | NO        | 100 | 95 | 52,2 | 130 | 35 | 8.000 | 6  |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle



MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

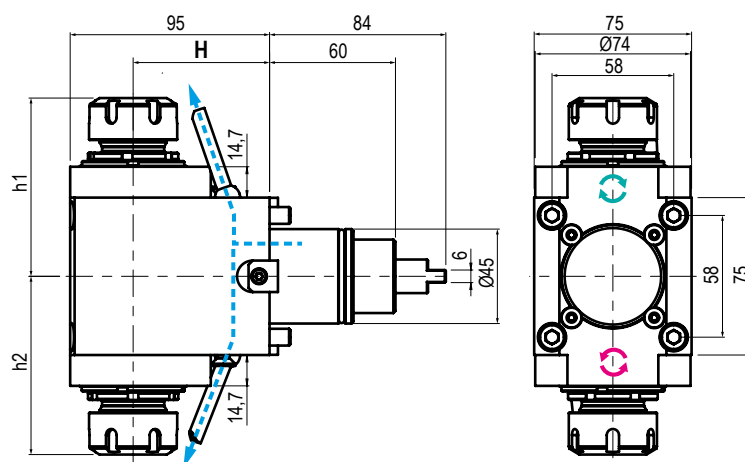
JYOTI

NEXTURN

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
45**

 TIPO - TYPE  
**Doppio Radiale**  
 Double Radial

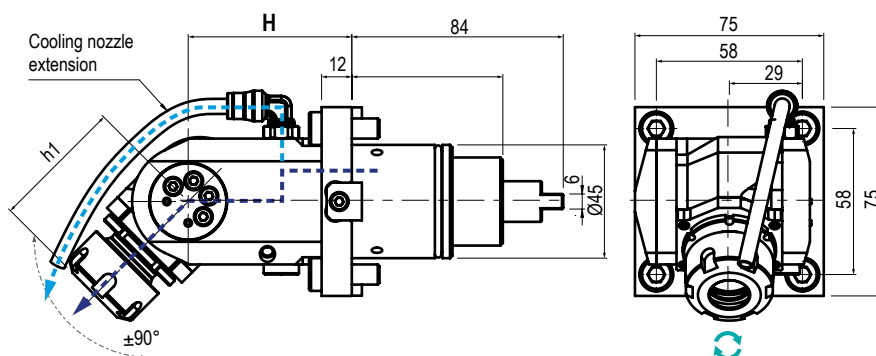
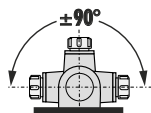
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale / opposto al mandrino  
 Same / opposite as m. spindle

| Code       | Output           | Int Cool. | H   | h1        | h2        | Nm | Rpm   | kw |  |
|------------|------------------|-----------|-----|-----------|-----------|----|-------|----|--|
| 99.DS.A13  | ER-25-25 - Ø1+16 | NO        | 65  | 81,2+84,9 | 81,2+84,9 | 35 | 8.000 | 6  |  |
| 99.DS.A102 | ER-32-32 - Ø2+20 | NO        | 65  | 89,9+93,6 | 89,9+93,6 | 35 | 8.000 | 6  |  |
| 99.DS.A103 | ER-25-25 - Ø1+16 | NO        | 85  | 81,2+84,9 | 81,2+84,9 | 35 | 8.000 | 6  |  |
| 99.DS.A104 | ER-25-25 - Ø1+16 | NO        | 100 | 81,2+84,9 | 81,2+84,9 | 35 | 8.000 | 6  |  |


 TIPO - TYPE  
**Orientabile ±90°**  
 ±90° Adjustable

 USCITA - OUTPUT  
**Portapinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**80 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1        | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|----|-------|----|--|
| 99.DS.A16 | ER-20 - Ø1+13 | NO        | 65 | 48,8+52,5 | 15 | 8.000 | 3  |  |
| 99.DS.A17 | ER-20 - Ø1+13 | ✓         | 65 | 48,8+52,5 | 15 | 8.000 | 3  |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

GOODWAY

HWACHEON

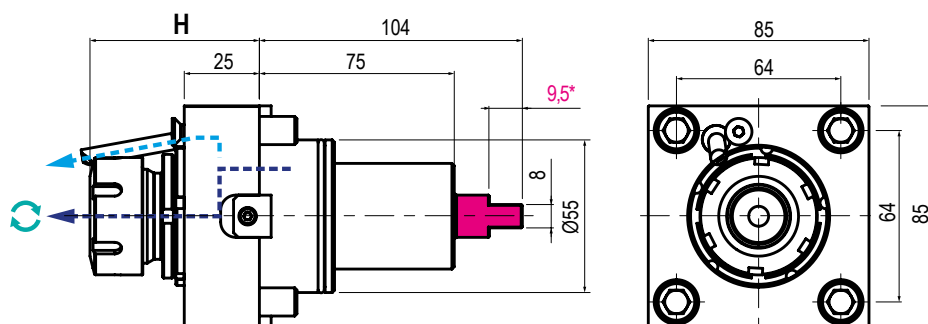
HYUNDAI WIA

JYOTI

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**55**


\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A01T)



TIPO - TYPE

Assiale  
Axial

USCITA - OUTPUT

Porta Pinza  
Collet ChunkREFRIGERANTE  
COOLANT

80 bar



RATIO

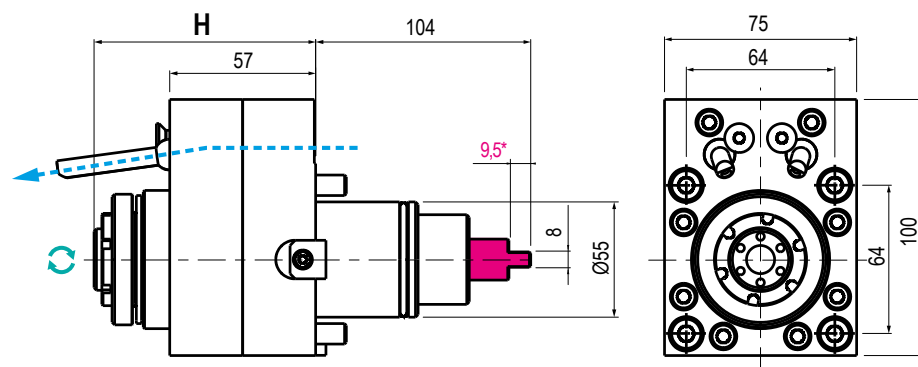
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H         | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----------|----|-------|----|--|
| 99.DS.A01 | ER-25 - Ø1÷16 | NO        | 53,5÷57,2 | 40 | 8.000 | 8  |  |
| 99.DS.A02 | ER-25 - Ø1÷16 | ✓         | 53,5÷57,2 | 40 | 8.000 | 8  |  |

**5**


\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A18T)



TIPO - TYPE

Assiale  
Axial

USCITA - OUTPUT

Porta Pinza  
Collet ChunkREFRIGERANTE  
COOLANTEsterno  
External

RATIO

1:4



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output           | Int Cool. | H         | Nm | Rpm    | kw |  |
|-----------|------------------|-----------|-----------|----|--------|----|--|
| 99.DS.A18 | ER-16 EF - Ø1÷10 | NO        | 82,5÷86,5 | 12 | 32.000 | 3  |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

GOODWAY

HWACHEON

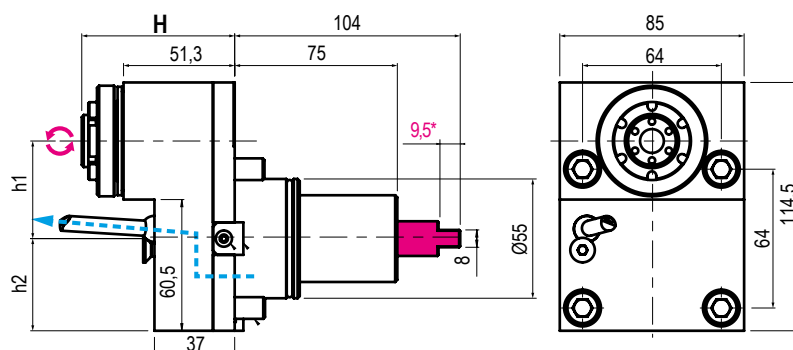
HYUNDAI WIA

JYOTI

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**55**

\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A19T)



TIPO - TYPE

 Disassato  
 Offset Axis


USCITA - OUTPUT

 Porta Pinza  
 Collet Chunk
REFRIGERANTE  
COOLANT
 Esterno  
 External


RATIO

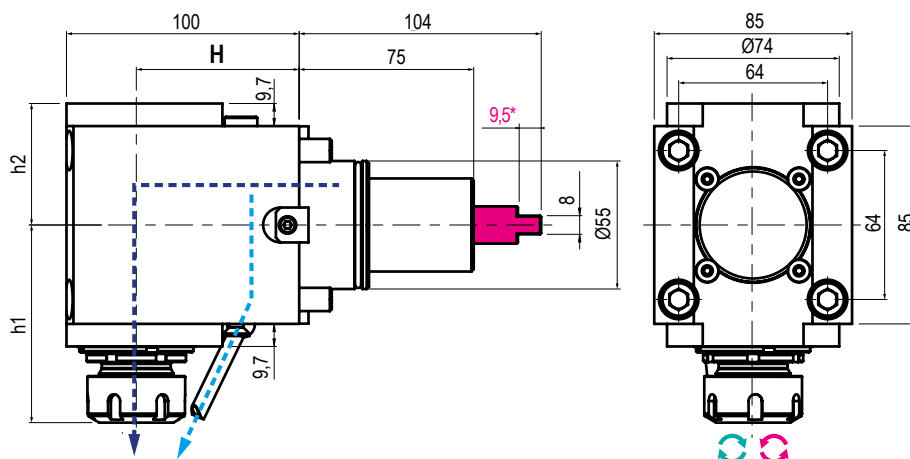
1:2



ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

| Code      | Output           | Int Cool. | H         | h1 | h2   | h3    | Nm | Rpm    | kw |  |
|-----------|------------------|-----------|-----------|----|------|-------|----|--------|----|--|
| 99.DS.A19 | ER-16 EF - Ø1÷10 | NO        | 66,8÷70,5 | 45 | 42,5 | 114,5 | 15 | 16.000 | 4  |  |


**5**

\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A11T)



TIPO - TYPE

 Radiale  
 Radial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chunk
REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

 Uguali / opposto al mandrino  
 Same / opposite as m. spindle

| Code       | * | Output        | Int Cool. | H  | h1        | h2   | Nm | Rpm   | kw |  |
|------------|---|---------------|-----------|----|-----------|------|----|-------|----|--|
| 99.DS.A11  |   | ER-25 - Ø1÷16 | NO        | 70 | 81,2÷84,9 | 52,2 | 40 | 8.000 | 8  |  |
| 99.DS.A11C |   |               |           |    |           |      |    |       |    |  |
| 99.DS.A12  |   | ER-25 - Ø1÷16 | ✓         | 70 | 81,2÷84,9 | 52,2 | 40 | 8.000 | 8  |  |
| 99.DS.A12C |   |               |           |    |           |      |    |       |    |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

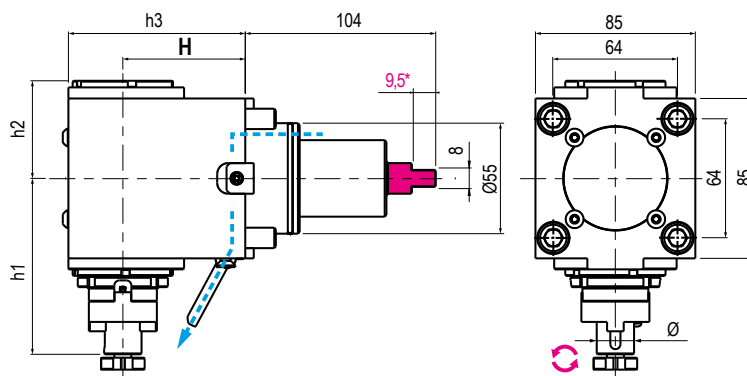
 Rotazione opposta al mandrino - Rotation opposite as machine spindle



## MODELLI DI TORNIO COMPATIBILI COMPATIBLE LATHE TYPES

DOOSAN HARDINGE GOODWAY HWACHEON HYUNDAI WIA JYOTI SAMSUNG VICTOR

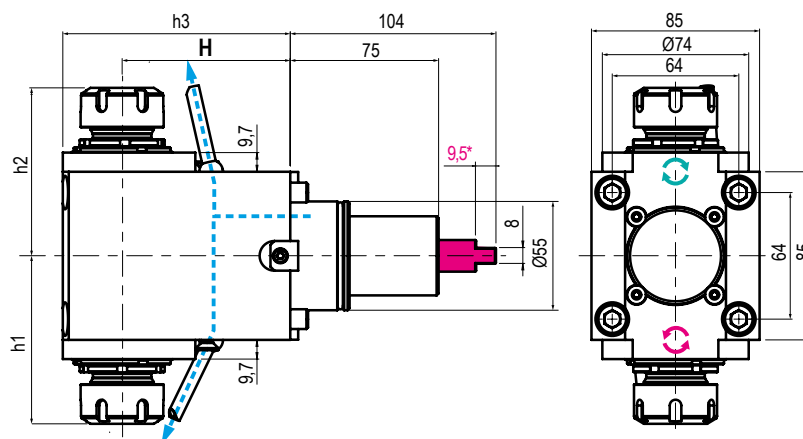
Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



**BMT  
55**

\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A105T)

|  | TIPO - TYPE       |  | USCITA - OUTPUT                         |  | REFRIGERANTE<br>COOLANT |  | RATIO |  | ROTAZIONE - ROTATION                               |  |
|----------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|----------------------------------------------------|--|
|                                                                                  | Radiale<br>Radial |                                                                                   | Porta Fresa<br>Shell End Milling Cutter |                                                                                   | Esterno<br>External     |                                                                                    | 1:1   |                                                                                     | Opposto al mandrino<br>Opposite to machine spindle |  |
| Code                                                                             | Output            | Int Cool.                                                                         | H                                       | h1                                                                                | h2                      | h3                                                                                 | Nm    | Rpm                                                                                 | kw                                                 |  |
| 99.DS.A105                                                                       | Ø16               | NO                                                                                | 60                                      | 95                                                                                | 52,2                    | 90                                                                                 | 40    | 8.000                                                                               | 8                                                  |  |
| 99.DS.A106                                                                       | Ø16               | NO                                                                                | 70                                      | 95                                                                                | 52,2                    | 100                                                                                | 40    | 8.000                                                                               | 8                                                  |  |
| 99.DS.A107                                                                       | Ø16               | NO                                                                                | 85                                      | 95                                                                                | 52,2                    | 115                                                                                | 40    | 8.000                                                                               | 8                                                  |  |
| 99.DS.A108                                                                       | Ø16               | NO                                                                                | 100                                     | 95                                                                                | 52,2                    | 130                                                                                | 40    | 8.000                                                                               | 8                                                  |  |



\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A94T)

| TIPO - TYPE                                                                        |                                 | USCITA - OUTPUT                                                                     |                             | REFRIGERANTE COOLANT                                                                |                     | RATIO                                                                                |     | ROTAZIONE - ROTATION                                                                  |                                                                  |  |
|------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|------------------------------------------------------------------|--|
|  | Doppio Radiale<br>Double Radial |  | Porta Pinza<br>Collet Chuck |  | Esterno<br>External |  | 1:1 |  | Uguale ed opposto al mandrino<br>Same and opposite as m. spindle |  |
| Code                                                                               | Output                          | Int Cool.                                                                           | H                           | h1                                                                                  | h2                  | h3                                                                                   | Nm  | Rpm                                                                                   | kw                                                               |  |
| 99.DS.A94                                                                          | ER-25-25 - Ø1÷16                | NO                                                                                  | 60                          | 81,2÷84,9                                                                           | 81,2÷84,9           | 90                                                                                   | 40  | 8.000                                                                                 | 8                                                                |  |
| 99.DS.A95                                                                          | ER-25-25 - Ø1÷16                | NO                                                                                  | 85                          | 81,2÷84,9                                                                           | 81,2÷84,9           | 115                                                                                  | 40  | 8.000                                                                                 | 8                                                                |  |
| 99.DS.A96                                                                          | ER-25-25 - Ø1÷16                | NO                                                                                  | 100                         | 81,2÷84,9                                                                           | 81,2÷84,9           | 130                                                                                  | 40  | 8.000                                                                                 | 8                                                                |  |

\* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

### MODELLI DI TORNIO COMPATIBILI COMPATIBLE LATHE TYPES

DOOSAN

HARDINGE

GOODWAY

HWACHEON

HYUNDAI WIA

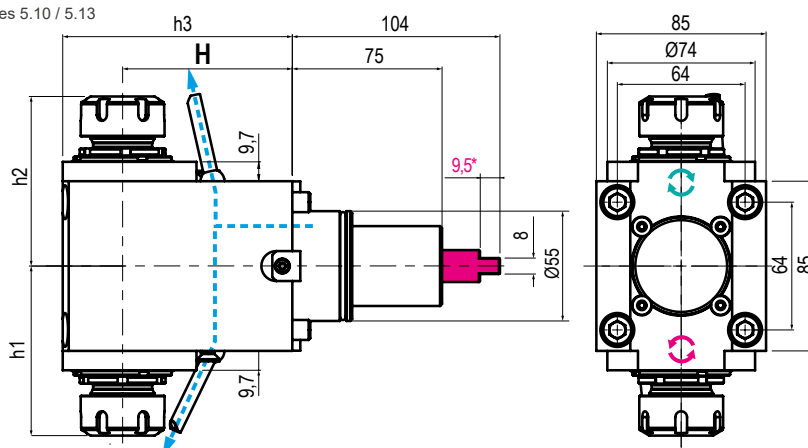
JYOTI

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

# BMT 55



\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A24T)



TIPO - TYPE  
Doppio Radiale  
Double Radial



USCITA - OUTPUT  
Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT  
Esterno  
External

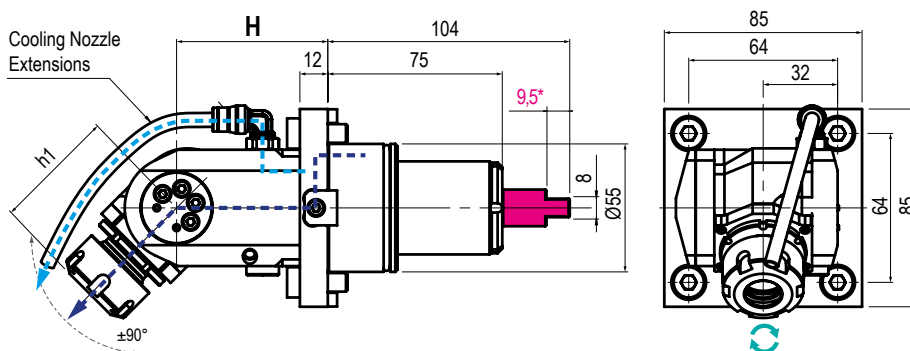
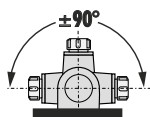


RATIO  
1:1



ROTAZIONE - ROTATION  
Uguale ed opposto al mandrino  
Same and opposite as m. spindle

| Code      | Output           | Int Cool. | H  | h1   | h2   | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|----|------|------|----|-------|----|--|
| 99.DS.A24 | ER-25-25 - Ø1÷16 | NO        | 70 | 84,9 | 84,9 | 40 | 8.000 | 8  |  |



\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A23T)



TIPO - TYPE  
Orientabile ±90°  
±90° Adjustable



USCITA - OUTPUT  
Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT  
80 bar



RATIO  
1:1



ROTAZIONE - ROTATION  
Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1        | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|----|-------|----|--|
| 99.DS.A23 | ER-20 - Ø1÷13 | NO        | 65 | 48,8÷52,5 | 15 | 8.000 | 3  |  |
| 99.DS.A66 | ER-20 - Ø1÷13 | ✓         | 65 | 48,8÷52,5 | 15 | 8.000 | 3  |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

DOOSAN

GOODWAY

HAAS

HARDINGE

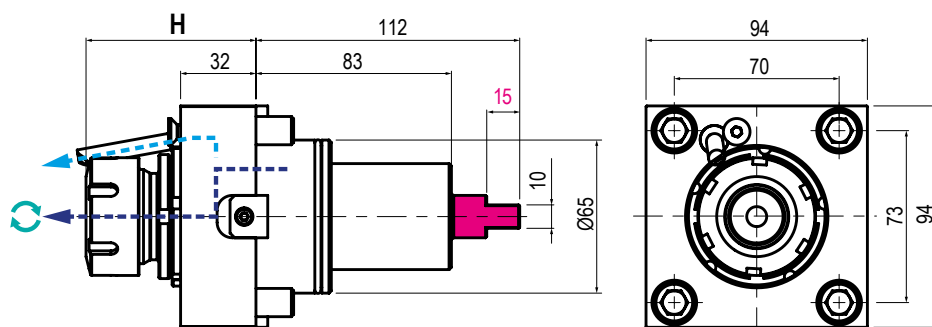
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



**BMT  
65**

\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A41T)



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chunk



REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool | H         | Nm | Rpm   | kw |  |
|-----------|---------------|----------|-----------|----|-------|----|--|
| 99.DS.A41 | ER-32 - Ø2+20 | NO       | 68,5+72,2 | 70 | 6.000 | 10 |  |
| 99.DS.A42 | ER-32 - Ø2+20 | ✓        | 68,5+72,2 | 70 | 6.000 | 10 |  |



MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

GOODWAY

HAAS

HARDINGE

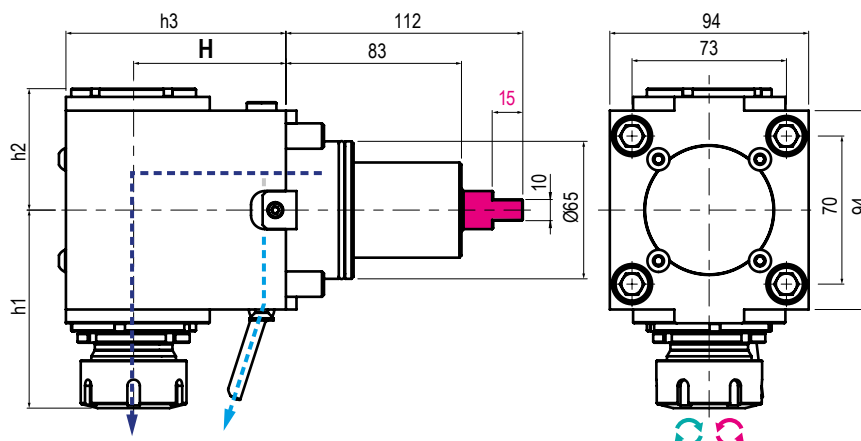
HWACHEON

HYUNDAI WIA

SAMSUNG

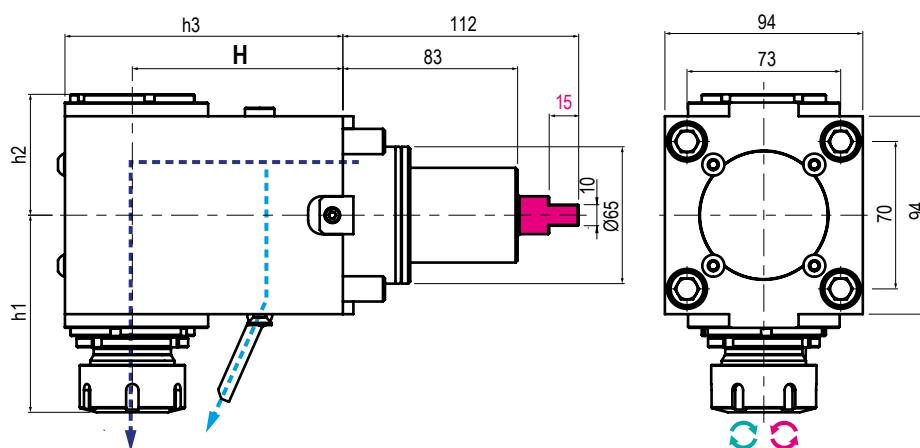
VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
65**


\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A51T)

| TIPO - TYPE       |   | USCITA - OUTPUT             |           | REFRIGERANTE COOLANT |           | RATIO    |     | ROTAZIONE - ROTATION                                          |       |    |  |
|-------------------|---|-----------------------------|-----------|----------------------|-----------|----------|-----|---------------------------------------------------------------|-------|----|--|
| Radiale<br>Radial |   | Porta Pinza<br>Collet Chunk |           | 80 bar               |           | 1:1      |     | Uguale / opposto al mandrino<br>Same / opposite as m. spindle |       |    |  |
| Code              | * | Output                      | Int Cool. | H                    | h1        | h2       | h3  | Nm                                                            | Rpm   | kw |  |
| 99.DS.A51         |   | ER-32 - Ø2÷20               | NO        | 72                   | 89,9÷93,6 | Max 57,4 | 104 | 70                                                            | 6.000 | 10 |  |
| 99.DS.A51C        |   |                             |           |                      |           |          |     |                                                               |       |    |  |
| 99.DS.A52         |   | ER-32 - Ø2÷20               | ✓         | 72                   | 89,9÷93,6 | Max 57,4 | 104 | 70                                                            | 6.000 | 10 |  |
| 99.DS.A52C        |   |                             |           |                      |           |          |     |                                                               |       |    |  |

**5**


\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A73T)

| TIPO - TYPE       |   | USCITA - OUTPUT             |           | REFRIGERANTE COOLANT |           | RATIO |     | ROTAZIONE - ROTATION                                          |       |    |  |
|-------------------|---|-----------------------------|-----------|----------------------|-----------|-------|-----|---------------------------------------------------------------|-------|----|--|
| Radiale<br>Radial |   | Porta Pinza<br>Collet Chunk |           | 80 bar               |           | 1:1   |     | Uguale / opposto al mandrino<br>Same / opposite as m. spindle |       |    |  |
| Code              | * | Output                      | Int Cool. | H                    | h1        | h2    | h3  | Nm                                                            | Rpm   | kw |  |
| 99.DS.A73         |   | ER-32 - Ø2÷20               | NO        | 100                  | 89,9÷93,6 | 57,4  | 132 | 70                                                            | 6.000 | 10 |  |
| 99.DS.A73C        |   |                             |           |                      |           |       |     |                                                               |       |    |  |
| 99.DS.A74         |   | ER-32 - Ø2÷20               | ✓         | 100                  | 89,9÷93,6 | 63,4  | 132 | 70                                                            | 6.000 | 10 |  |
| 99.DS.A74C        |   |                             |           |                      |           |       |     |                                                               |       |    |  |

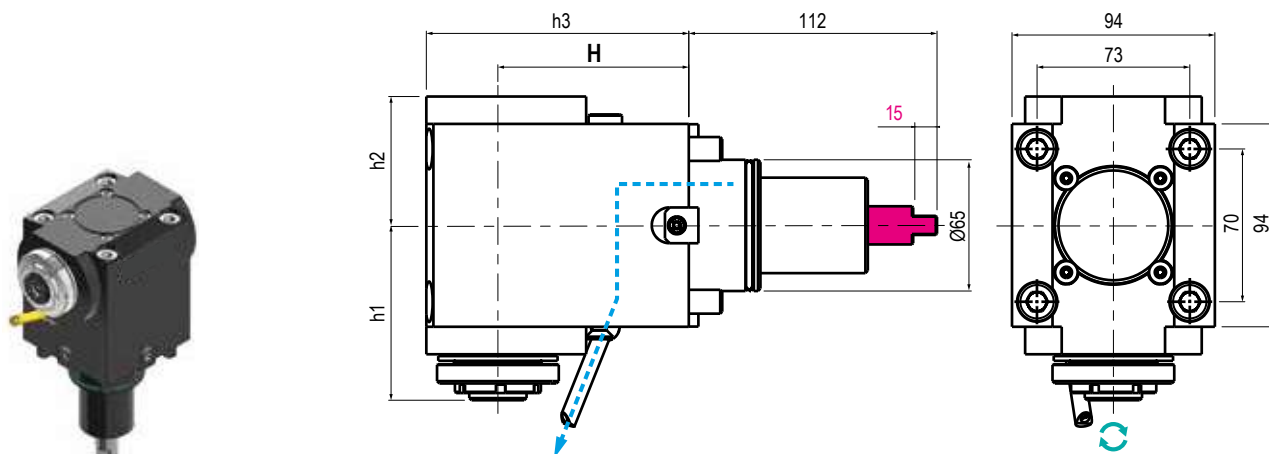
 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

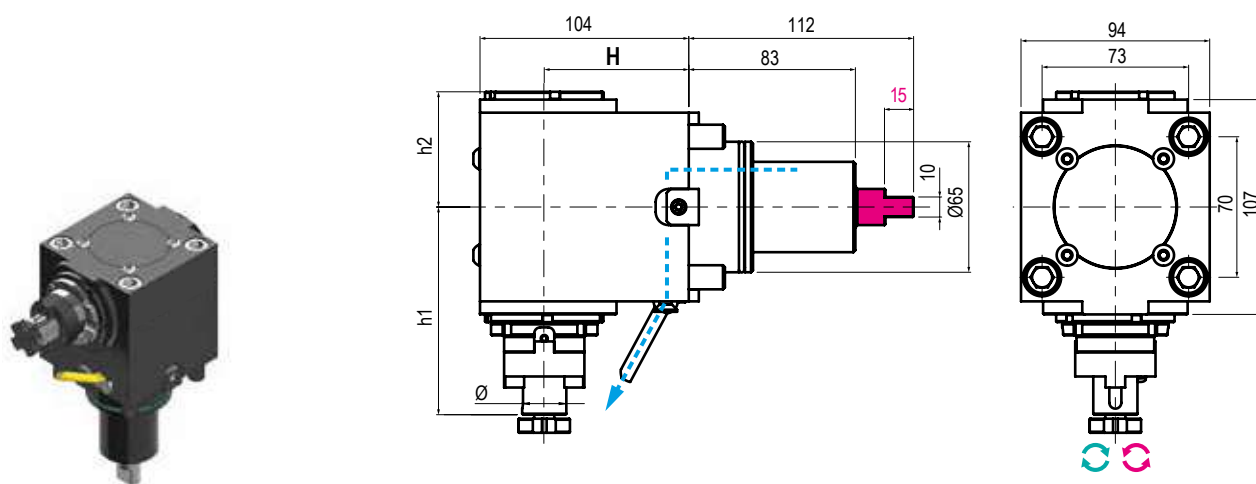
DOOSAN GOODWAY HAAS HARDINGE HWACHEON HYUNDAI WIA SAMSUNG VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT  
65**

 \*Disponibile versione con tenone maggiorato inserendo **T** dopo il codice. / Oversized tenon available - add "**T**" right after the code. (99.DS.A29T)

|                                                                                  |                   |                                                                                   |                             |           |                                                                                   |                         |                                                                                    |       |                                                                                     |                                               |    |
|----------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------|-----------|-----------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|-----------------------------------------------|----|
|  | TIPO - TYPE       |  | USCITA - OUTPUT             |           |  | REFRIGERANTE<br>COOLANT |  | RATIO |  | ROTAZIONE - ROTATION                          |    |
|                                                                                  | Radiale<br>Radial |                                                                                   | Porta Pinza<br>Collet Chunk |           |                                                                                   | Esterno<br>External     |                                                                                    | 1:4   |                                                                                     | Uguale al mandrino<br>Same as machine spindle |    |
| Code                                                                             |                   | Output                                                                            |                             | Int Cool. | H                                                                                 | h1                      | h2                                                                                 | h3    | Nm                                                                                  | Rpm                                           | kw |
| 99.DS.A29                                                                        |                   | ER-20 EF- Ø1÷13                                                                   |                             | NO        | 72                                                                                | 89,9÷93,6               | 57,4                                                                               | 104   | 35                                                                                  | 24.000                                        | 8  |
| 99.DS.A30                                                                        |                   | ER-20 EF-Ø1÷13                                                                    |                             | NO        | 72                                                                                | 89,9÷93,6               | 57,4                                                                               | 112   | 20                                                                                  | 24.000                                        | 8  |


 \*Disponibile versione con tenone maggiorato inserendo **T** dopo il codice. / Oversized tenon available - add "**T**" right after the code. (99.DS.A62T)

|  | TIPO - TYPE       |  | USCITA - OUTPUT                         |  | REFRIGERANTE<br>COOLANT |  | RATIO |  | ROTAZIONE - ROTATION                                          |
|------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                                                                                    | Radiale<br>Radial |                                                                                     | Porta Fresa<br>Shell End Milling Cutter |                                                                                     | Esterno<br>External     |                                                                                      | 1:1   |                                                                                       | Uguale / opposto al mandrino<br>Same / opposite as m. spindle |
| Code                                                                               | Output            | Int Cool.                                                                           | H                                       | h1                                                                                  | h2                      | Nm                                                                                   | Rpm   | kw                                                                                    |                                                               |
| 99.DS.A62                                                                          | Ø22               | NO                                                                                  | 72                                      | 103,5                                                                               | 57,4                    | 70                                                                                   | 6.000 | 10                                                                                    |                                                               |
| 99.DS.A111                                                                         | Ø22               | NO                                                                                  | 100                                     | 103,5                                                                               | 57,4                    | 70                                                                                   | 6.000 | 10                                                                                    |                                                               |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle  Rotazione opposta al mandrino - Rotation opposite as machine spindle

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

GOODWAY

HAAS

HARDINGE

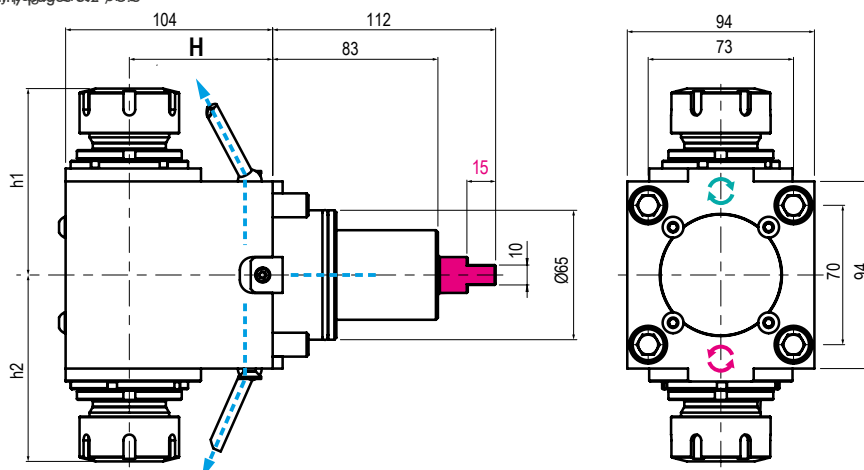
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibili 112 5.133 - See compatibility pages 502 5.53

**BMT  
65**


\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A31T)


 TIPO - TYPE  
**Doppio Radiale**  
 Double Radial

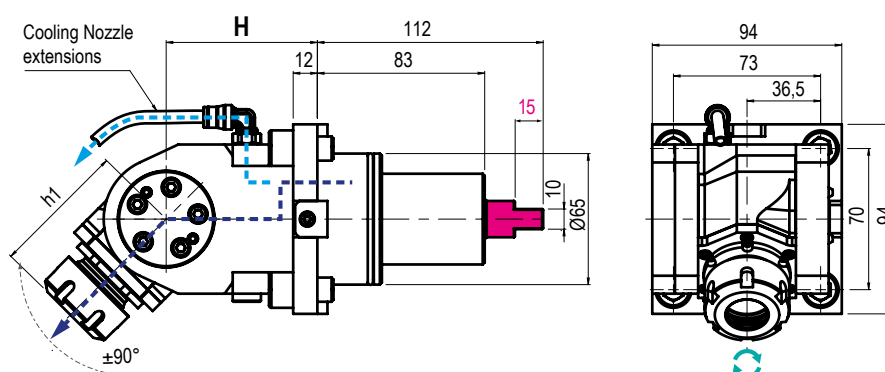
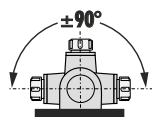
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Ugual e / opposto al mandrino  
 Same / opposite as m. spindle

| Code      | Output           | Int Cool. | H   | h1      | h2       | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|-----|---------|----------|----|-------|----|--|
| 99.DS.A31 | ER-32-32 - Ø2÷20 | NO        | 72  | 93÷93,6 | Max 93,6 | 70 | 6.000 | 10 |  |
| 99.DS.A78 | ER-32-32 - Ø2÷20 | NO        | 100 | 93÷93,6 | 93÷93,6  | 70 | 6.000 | 10 |  |



\*Disponibile versione con tenone maggiorato inserendo T dopo il codice. / Oversized tenon available - add "T" right after the code. (99.DS.A64T)


 TIPO - TYPE  
**Orientabile ±90°**  
 ±90° Adjustable

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**80 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Ugual e al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1        | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|----|-------|----|--|
| 99.DS.A64 | ER-25 - Ø1÷16 | NO        | 75 | 63,5÷67,2 | 25 | 6.000 | 4  |  |
| 99.DS.A65 | ER-25 - Ø1÷16 | ✓         | 75 | 63,5÷67,2 | 25 | 6.000 | 4  |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DOOSAN

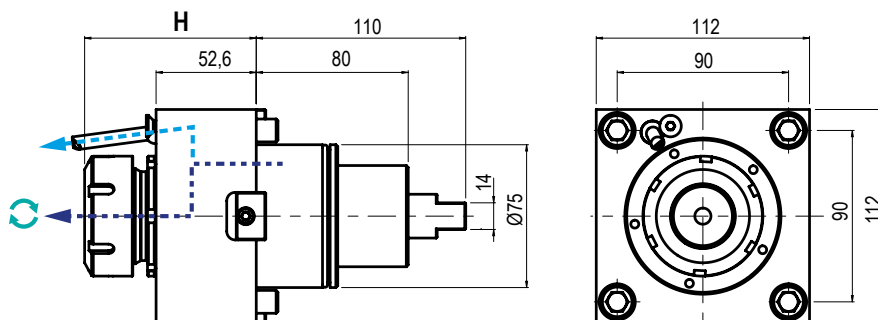
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
75**


TIPO - TYPE

 Assiale  
Axial


USCITA - OUTPUT

 Porta Pinza  
Collet Chunk

 REFRIGERANTE  
COOLANT

80 bar



RATIO

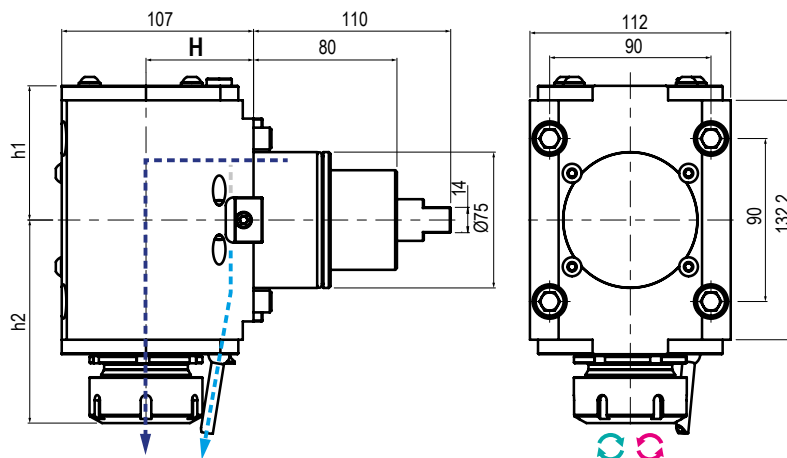
1:1



ROTAZIONE - ROTATION

 Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H         | Nm  | Rpm   | kw |  |
|-----------|---------------|-----------|-----------|-----|-------|----|--|
| 99.DS.A34 | ER-40 - Ø3-30 | NO        | 86,5+90,2 | 100 | 6.000 | 12 |  |
| 99.DS.A35 | ER-40 - Ø3-30 | ✓         | 86,5+90,2 | 100 | 6.000 | 12 |  |



TIPO - TYPE

 Radiale  
Radial


USCITA - OUTPUT

 Porta Pinza  
Collet Chunk

 REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

 Uguale / opposto al mandrino  
Same / opposite as m. spindle

| Code       | * | Output        | Int Cool. | H  | h1   | h2          | Nm  | Rpm   | kw |  |
|------------|---|---------------|-----------|----|------|-------------|-----|-------|----|--|
| 99.DS.A38  |   | ER-40 - Ø3-30 | NO        | 60 | 74,1 | 108,3+112,1 | 100 | 6.000 | 12 |  |
| 99.DS.A38C |   |               |           |    |      |             |     |       |    |  |
| 99.DS.A39  |   | ER-40 - Ø3-30 | ✓         | 60 | 74,1 | 108,3+112,1 | 100 | 6.000 | 12 |  |
| 99.DS.A39C |   |               |           |    |      |             |     |       |    |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

DOOSAN

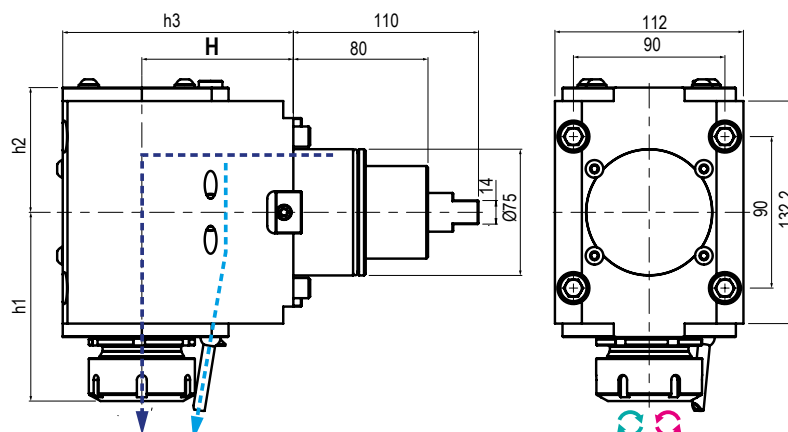
HWACHEON

HYUNDAI WIA

SAMSUNG

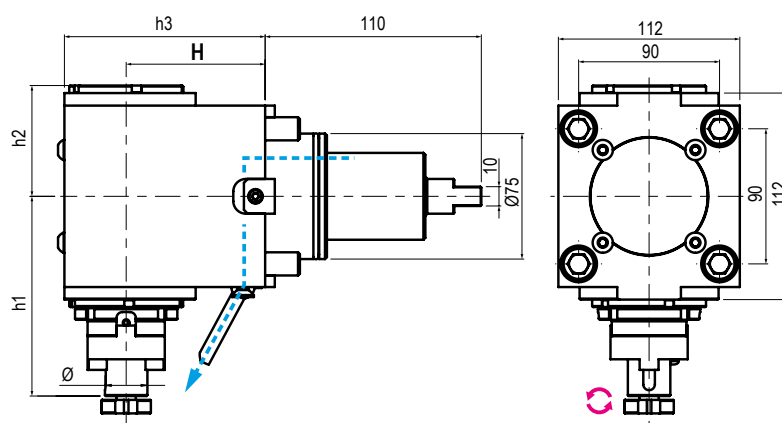
VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
75**


|                                                                                   |                   |                                                                                   |                             |                                                                                   |                         |                                                                                    |       |                                                                                     |                                                               |
|-----------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|
|  | TIPO - TYPE       |  | USCITA - OUTPUT             |  | REFRIGERANTE<br>COOLANT |  | RATIO |  | ROTAZIONE - ROTATION                                          |
|                                                                                   | Radiale<br>Radial |                                                                                   | Porta Pinza<br>Collet Chunk |                                                                                   | 80 bar                  |                                                                                    | 1:1   |                                                                                     | Uguale / opposto al mandrino<br>Same / opposite as m. spindle |

| Code       | * | Output        | Int Cool. | H   | h1          | h2   | h3  | Nm  | Rpm   | kw |  |
|------------|---|---------------|-----------|-----|-------------|------|-----|-----|-------|----|--|
| 9.DS.A138  |   | ER-40 - Ø3-30 | NO        | 60  | 112,5       | 68   | 107 | 100 | 6.000 | 12 |  |
| 99.DS.A75  |   | ER-40 - Ø3-30 | NO        | 90  | 108,3÷112,1 | 74,1 | 137 | 100 | 6.000 | 12 |  |
| 99.DS.A75C |   | ER-40 - Ø3-30 |           |     |             |      |     |     |       |    |  |
| 99.DS.A76  |   | ER-40 - Ø3-30 | ✓         | 90  | 108,3÷112,1 | 74,1 | 137 | 100 | 6.000 | 12 |  |
| 99.DS.A76C |   | ER-40 - Ø3-30 |           |     |             |      |     |     |       |    |  |
| 99.DS.A85  |   | ER-40 - Ø3-30 | NO        | 110 | 108,3÷112,1 | 74,1 | 157 | 100 | 6.000 | 12 |  |
| 99.DS.A85C |   | ER-40 - Ø3-30 |           |     |             |      |     |     |       |    |  |
| 99.DS.A86  |   | ER-40 - Ø3-30 | ✓         | 110 | 108,3÷112,1 | 74,1 | 157 | 100 | 6.000 | 12 |  |
| 99.DS.A86C |   | ER-40 - Ø3-30 |           |     |             |      |     |     |       |    |  |

**5**


|                                                                                     |                   |                                                                                     |                                         |                                                                                     |                         |                                                                                      |       |                                                                                       |                                                    |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|----------------------------------------------------|
|  | TIPO - TYPE       |  | USCITA - OUTPUT                         |  | REFRIGERANTE<br>COOLANT |  | RATIO |  | ROTAZIONE - ROTATION                               |
|                                                                                     | Radiale<br>Radial |                                                                                     | Porta Fresa<br>Shell End Milling Cutter |                                                                                     | 80 bar                  |                                                                                      | 1:1   |                                                                                       | Opposto al mandrino<br>Opposite to machine spindle |

| Code       | Output | Int Cool. | H   | h1  | h2   | h3  | Nm  | Rpm   | kw |  |
|------------|--------|-----------|-----|-----|------|-----|-----|-------|----|--|
| 99.DS.A112 | Ø27    | NO        | 60  | 120 | 74,1 | 107 | 100 | 6.000 | 12 |  |
| 99.DS.A113 | Ø27    | NO        | 90  | 120 | 74,1 | 137 | 100 | 6.000 | 12 |  |
| 99.DS.A114 | Ø27    | NO        | 110 | 120 | 74,1 | 157 | 100 | 6.000 | 12 |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

DOOSAN

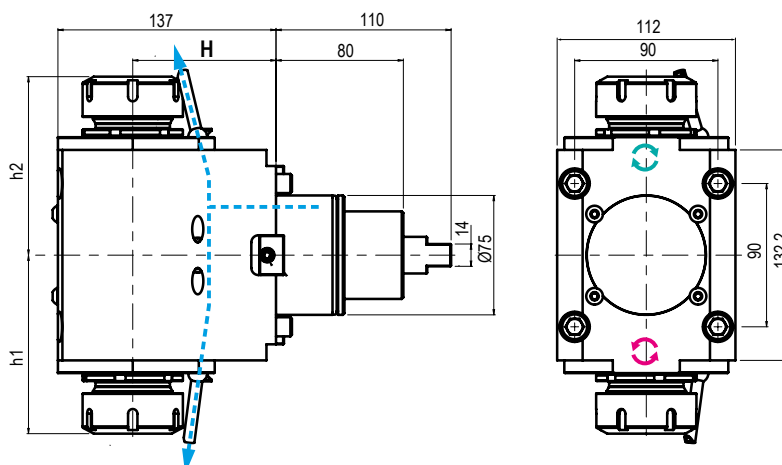
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**75**


TIPO - TYPE

**Doppio Radiale**  
 Double Radial


USCITA - OUTPUT

**Porta Pinza**  
 Collet Chuck
REFRIGERANTE  
COOLANT
**Esterno**  
 External

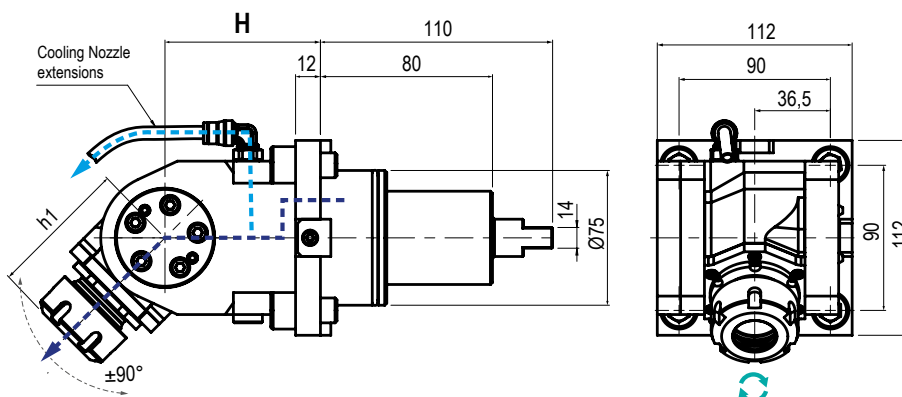
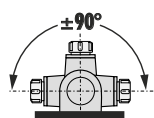

RATIO

**1:1**


ROTAZIONE - ROTATION

 Uguale / opposto al mandrino  
 Same / opposite as m. spindle

| Code      | Output           | Int Cool. | H   | h1          | h2          | Nm  | Rpm   | kw |  |
|-----------|------------------|-----------|-----|-------------|-------------|-----|-------|----|--|
| 99.DS.A44 | ER-40-40 - Ø3-30 | NO        | 60  | 108,4÷112,1 | 108,4÷112,1 | 100 | 6.000 | 12 |  |
| 99.DS.A79 | ER-40-40 - Ø3-30 | NO        | 90  | 108,4÷112,1 | 108,4÷112,1 | 100 | 6.000 | 12 |  |
| 99.DS.A80 | ER-40-40 - Ø3-30 | NO        | 110 | 108,4÷112,1 | 108,4÷112,1 | 100 | 6.000 | 12 |  |



TIPO - TYPE

**Orientabile ±90°**  
 ±90° Adjustable


USCITA - OUTPUT

**Portapinza**  
 Collet Chuck
REFRIGERANTE  
COOLANT
**80 bar**


RATIO

**1:1**


ROTAZIONE - ROTATION

 Uguale al mandrino  
 Same as machine spindle

| Code      | Output      | Int Cool. | H  | h1        | Nm | Rpm   | kw |  |
|-----------|-------------|-----------|----|-----------|----|-------|----|--|
| 99.DS.A47 | ER-25 Ø1÷16 | NO        | 75 | 63,5÷67,2 | 25 | 6.000 | 4  |  |
| 99.DS.A48 | ER-25 Ø1÷16 | ✓         | 75 | 63,5÷67,2 | 25 | 6.000 | 4  |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

DOOSAN

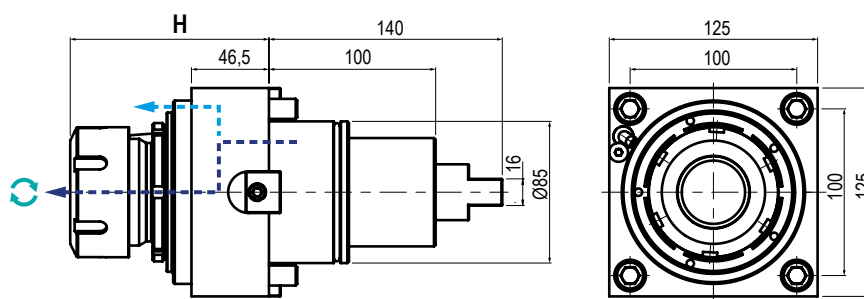
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**85**

 TIPO - TYPE  
**Assiale**  
 Axial

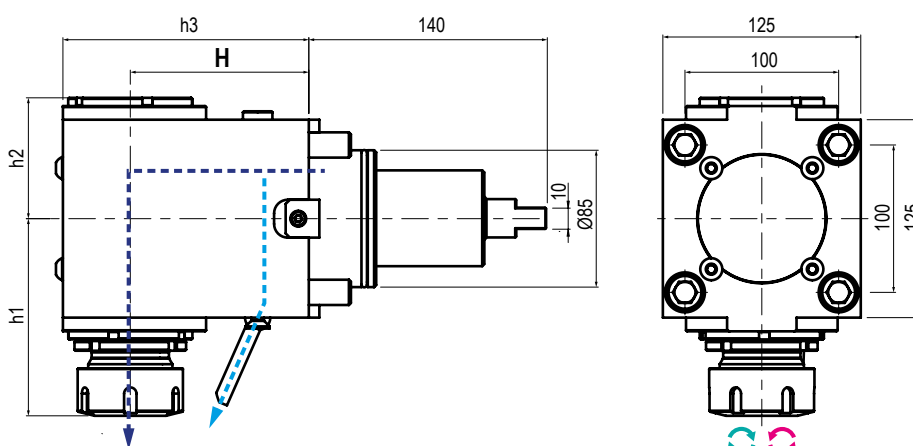
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**80 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code      | Output      | Int Cool. | H         | Nm  | Rpm   | kw |  |
|-----------|-------------|-----------|-----------|-----|-------|----|--|
| 99.DS.A90 | ER-50 Ø7+34 | NO        | 112÷119,2 | 150 | 3.200 | 15 |  |
| 99.DS.A50 | ER-50 Ø7+34 | ✓         | 112÷119,2 | 150 | 3.200 | 15 |  |


 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**80 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale / opposto al mandrino**  
 Same / opposite as m. spindle

| Code       | * | Output      | Int Cool. | H   | h1          | h2   | h3    | Nm  | Rpm   | kw |  |
|------------|---|-------------|-----------|-----|-------------|------|-------|-----|-------|----|--|
| 99.DS.A77  |   | ER-50 Ø7+34 | NO        | 85  | 140,3÷147,7 | 91,6 | 136,5 | 150 | 3.200 | 15 |  |
| 99.DS.A77C |   | ER-50 Ø7+34 | ✓         | 85  | 140,3÷147,7 | 91,6 | 136,5 | 150 | 3.200 | 15 |  |
| 99.DS.A56  |   | ER-50 Ø7+34 | ✓         | 85  | 140,3÷147,7 | 91,6 | 136,5 | 150 | 3.200 | 15 |  |
| 99.DS.A56C |   | ER-50 Ø7+34 | ✓         | 85  | 140,3÷147,7 | 91,6 | 136,5 | 150 | 3.200 | 15 |  |
| 99.DS.A89  |   | ER-50 Ø7+34 | NO        | 110 | 140,3÷147,7 | 91,6 | 161,5 | 150 | 3.200 | 15 |  |
| 99.DS.A89C |   | ER-50 Ø7+34 | ✓         | 110 | 140,3÷147,7 | 91,6 | 161,5 | 150 | 3.200 | 15 |  |
| 99.DS.A57  |   | ER-50 Ø7+34 | ✓         | 110 | 140,3÷147,7 | 91,6 | 161,5 | 150 | 3.200 | 15 |  |
| 99.DS.A57C |   | ER-50 Ø7+34 | ✓         | 110 | 140,3÷147,7 | 91,6 | 161,5 | 150 | 3.200 | 15 |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle



**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

DOOSAN

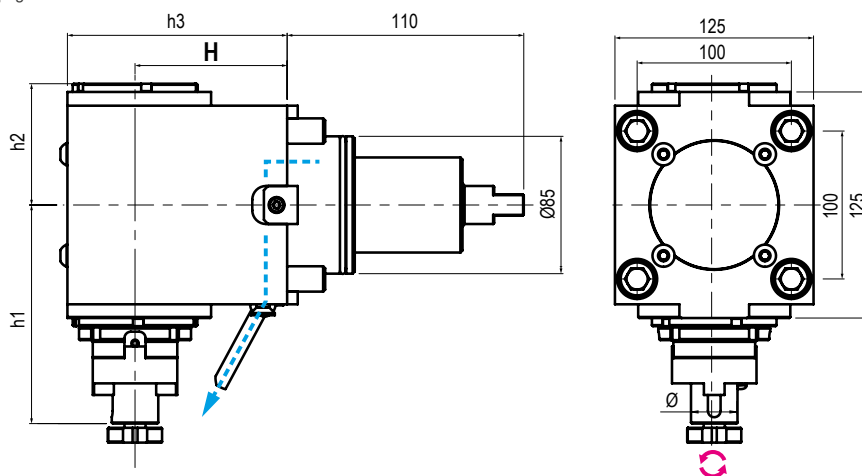
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT  
85**


TIPO - TYPE

 Radiale  
Radial


USCITA - OUTPUT

 Porta Fresa  
Shell End Milling Cutter

 REFRIGERANTE  
COOLANT

 Esterno  
External


RATIO

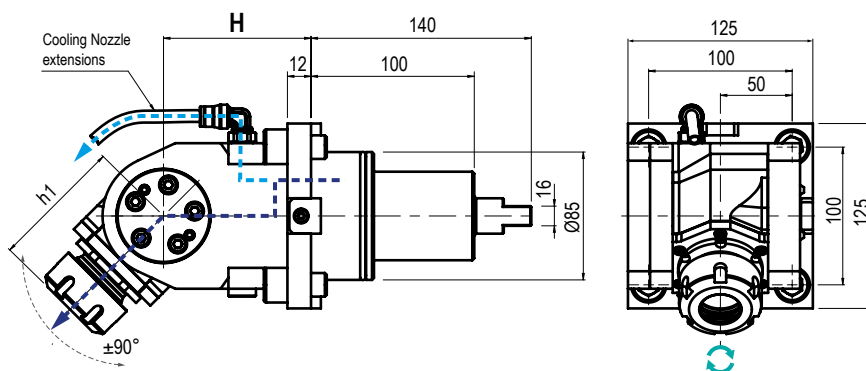
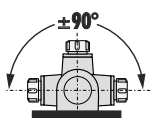
1:1



ROTAZIONE - ROTATION

 Opposto al mandrino  
Opposite to machine spindle

| Code       | Output | Int Cool. | H   | h1  | h2   | h3    | Nm  | Rpm   | kw |  |
|------------|--------|-----------|-----|-----|------|-------|-----|-------|----|--|
| 99.DS.A115 | Ø27    | NO        | 85  | 136 | 91,6 | 136,5 | 150 | 3.200 | 15 |  |
| 99.DS.A116 | Ø27    | NO        | 110 | 136 | 91,6 | 161,5 | 150 | 3.200 | 15 |  |



TIPO - TYPE

 Orientabile ±90°  
±90° Adjustable


USCITA - OUTPUT

 Porta Pinza  
Collet Chuck

 REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

 Uguale al mandrino  
Same as machine spindle

| Code      | Output      | Int Cool. | H     | h1   | Nm | Rpm   | kw |  |
|-----------|-------------|-----------|-------|------|----|-------|----|--|
| 99.DS.A60 | ER-32 Ø2+20 | NO        | 167,5 | 52,5 | 50 | 4.000 | 6  |  |
| 99.DS.A61 | ER-32 Ø2+20 | ✓         | 167,5 | 52,5 | 50 | 4.000 | 6  |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

# In arrivo Motorizzati Potenziati! Upgraded Driven Tools are coming!

## HIGH PERFORMANCE

**Elevata coppia e 12.000 Rpm per lavorazioni a secco!**  
High torque and 12.000 Rpm for dry running!

**Modelli Biglia già disponibili a catalogo. Prossimamente DMG MORI!**  
Biglia models already available in the catalogue. Coming soon DMG MORI!



### MASSIME PRESTAZIONI E PROGETTAZIONE OTTIMIZZATA

Maximum Performance and Optimised Design

- Progettazione ottimizzata nella struttura e nei cuscinetti
- Migliori performance in fresatura e foratura
- Albero principale esente da usura
- Optimized design in the structure and bearings
- Better performance in milling and drilling
- Wear-free main shaft



### EFFICIENZA TERMICA E MANUTENZIONE SEMPLIFICATA

Thermal efficiency and simplified maintenance

- Ridotto incremento delle temperature
- Tenuta meccanica senza guarnizione
- Montaggio smontaggio semplificati
- Intervalli di manutenzione ridotti
- Reduced increase in temperatures
- Mechanical seal without gasket
- Simplified assembly and disassembly
- Reduced maintenance intervals



### POSSIBILITÀ DI LAVORARE A SECCO

Dry running available

- Possibilità di lavorare a secco ad alte velocità (ma con valori ridotti del 70%)
- Continuo miglioramento della tecnologia di tenuta
- Possibility of dry running at high speeds (but with values reduced by 70%)
- Continuous improvement of sealing technology



### CHIAVE DI BLOCCAGGIO CON SISTEMA "SENZA MANI"

'Hands-free' locking wrench

- La chiave di bloccaggio dell'albero portapinza rimane fissa liberando una mano per un migliore serraggio dell'utensile
- Ridotto il tempo operativo di attrezzaggio
- The collet holder shaft locking key remains fixed, freeing one hand for better tightening of the tool
- Reduced operating time when tooling up the machine.

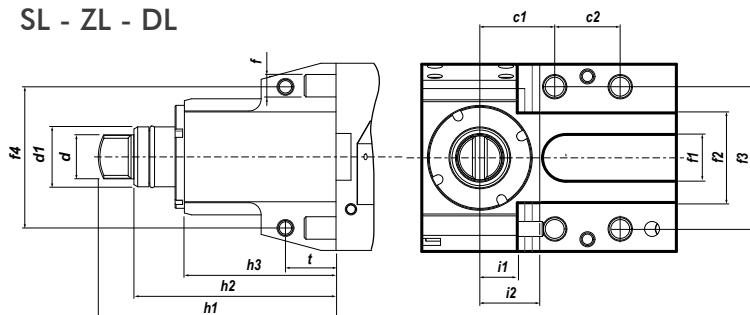
**Contatta il tuo Agente di zona - Ask to your area Distributor**

**PROSSIMAMENTE NUOVI MODELLI!**  
**NEW MODELS COMING SOON!**

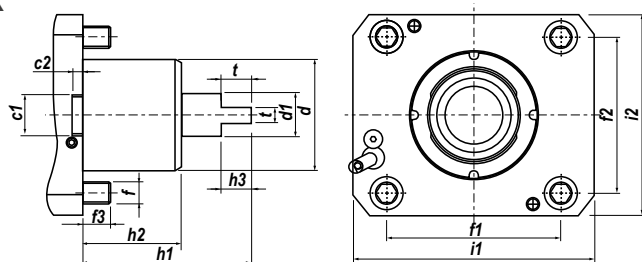


**Uscita - Output**  
**C. ISO26623**  
DISPONIBILI SU RICHIESTA  
AVAILABLE ON REQUEST

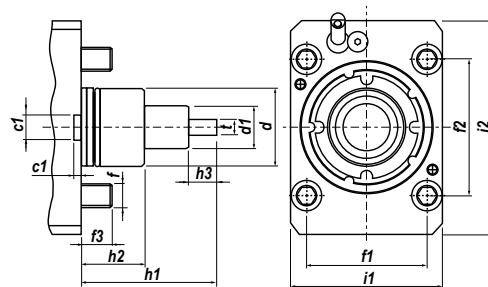
**SL - ZL - DL**



**NLX**



**NZ**



|             | c1 | c2  | d    | d1   | f   | f1 | f2 | f3 | f4 | h1  | h2     | h3   | i1  | i2  | t  |
|-------------|----|-----|------|------|-----|----|----|----|----|-----|--------|------|-----|-----|----|
| NLX         | 20 | 5,5 | 60   | 23,7 | M12 | 94 | 84 | 15 | -  | 91  | 53     | 16,5 | 130 | 108 | 8  |
| NZ          | 12 | 4,5 | 40   | 22   | M10 | 70 | 62 | 16 | -  | 69  | 32     | 14,4 | 78  | 110 | 8  |
| SL-ZL<br>DL | 40 | 35  | 23,5 | 32   | M12 | 25 | 48 | 76 | 76 | 127 | 107,96 | 81   | 20  | 32  | 27 |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

**COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS**



**DOTAZIONE STANDARD**  
**STANDARD EQUIPMENT**

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Shaft lock wrench / cooling nozzle / nozzle lock screws / driven tool locking screws / O-ring



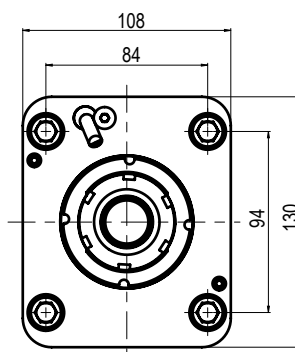
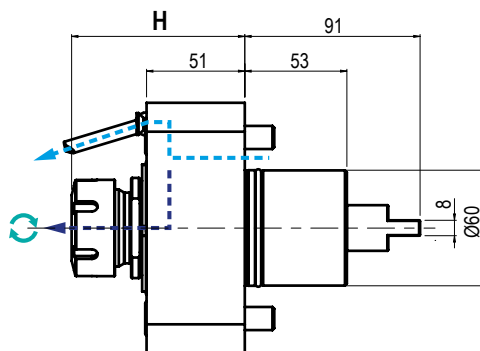
**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
**MODULAR QUICK CHANGE** See page 7.12 - 7.15

Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).  
Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**NLX**


TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chunk

 REFRIGERANTE  
 COOLANT

80 bar



RATIO

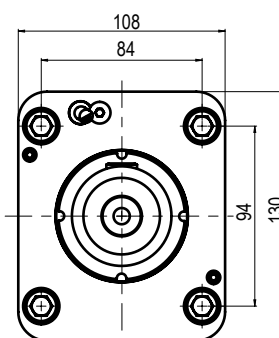
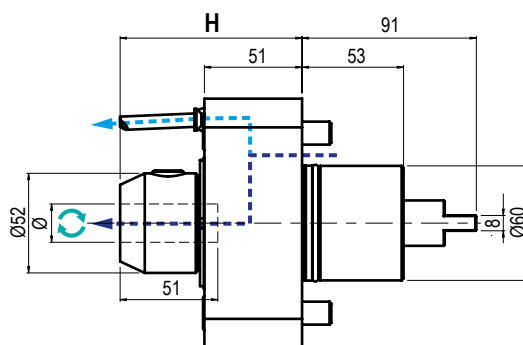
1:1



ROTAZIONE - ROTATION

 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H           | Nm | Rpm    | kw |  |
|-----------|---------------|-----------|-------------|----|--------|----|--|
| 99.MS.A80 | ER-25 - Ø1÷16 | NO        | 81,3 ÷ 85   | 60 | 10.000 | 10 |  |
| 99.MS.A59 | ER-32 - Ø2÷20 | NO        | 86,2 ÷ 89,9 | 60 | 10.000 | 10 |  |
| 99.MS.A62 | ER-40 - Ø3÷30 | NO        | 88,3 ÷ 92   | 60 | 10.000 | 10 |  |
| 99.MS.A81 | ER-25 - Ø1÷16 | ✓         | 81,3 ÷ 85   | 60 | 10.000 | 10 |  |
| 99.MS.A60 | ER-32 - Ø2÷20 | ✓         | 86,2 ÷ 89,9 | 60 | 10.000 | 10 |  |
| 99.MS.A63 | ER-40 - Ø3÷30 | ✓         | 88,3 ÷ 92   | 60 | 10.000 | 10 |  |



TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

Weldon


 REFRIGERANTE  
 COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

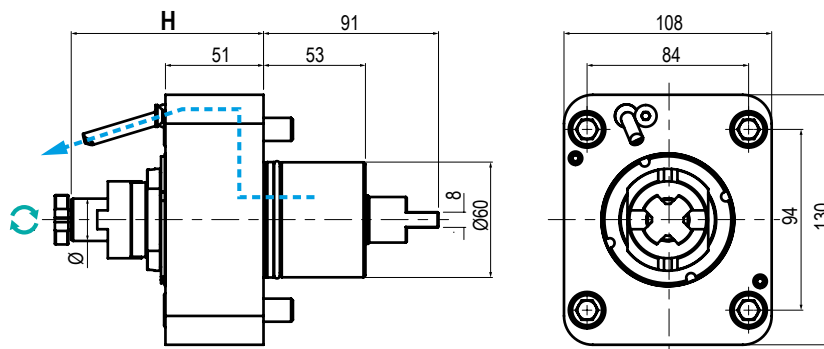
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output | Int Cool. | H     | Nm | Rpm    | kw |  |
|-----------|--------|-----------|-------|----|--------|----|--|
| 99.MS.A01 | Ø20    | NO        | 95    | 60 | 10.000 | 10 |  |
| 99.MS.A02 | Ø20    | ✓         | 95    | 60 | 10.000 | 10 |  |
| 99.MS.A03 | Ø25    | NO        | 125,1 | 60 | 10.000 | 10 |  |
| 99.MS.A04 | Ø25    | ✓         | 125,1 | 60 | 10.000 | 10 |  |
| 99.MS.A05 | Ø1"    | NO        | 125,1 | 60 | 10.000 | 10 |  |
| 99.MS.A06 | Ø1"    | ✓         | 125   | 60 | 10.000 | 10 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**NLX**


TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

 Porta Fresa  
 Shell End Milling Cutter

 REFRIGERANTE  
 COOLANT

 Esterno  
 External


RATIO

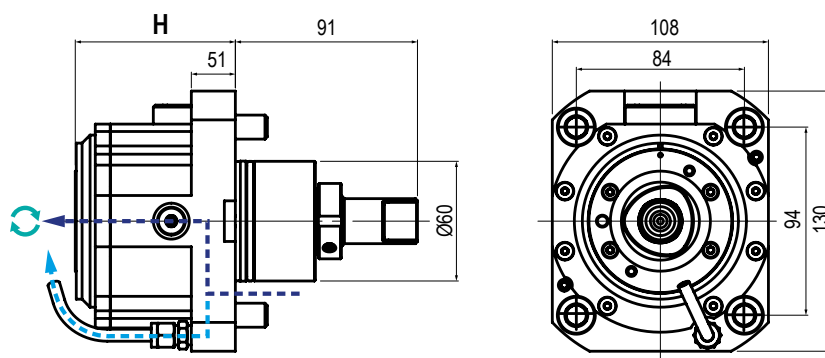
1:1



ROTAZIONE - ROTATION

 Ugua le al mandrino  
 Same as machine spindle

| Code      | Output | Int Cool. | H   | Nm | Rpm   | kw |  |
|-----------|--------|-----------|-----|----|-------|----|--|
| 99.MS.A67 | Ø 22   | NO        | 100 | 60 | 6.000 | 10 |  |
| 99.MS.A68 | Ø 27   | NO        | 100 | 60 | 6.000 | 10 |  |



TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

C. ISO26623


 REFRIGERANTE  
 COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

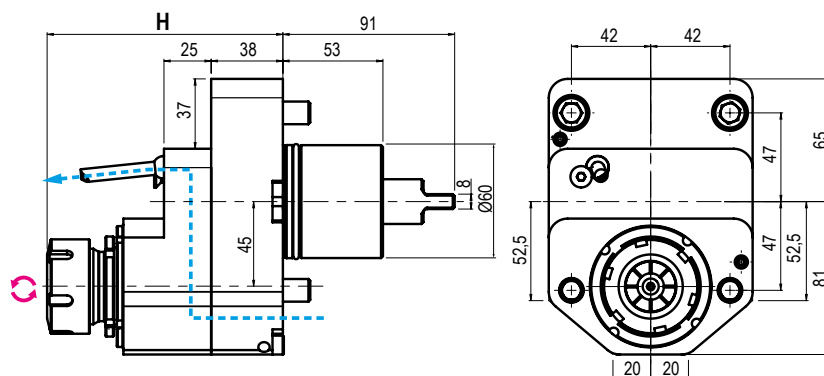
 Ugua le al mandrino  
 Same as machine spindle

| Code      | Output | Int Cool. | H  | Nm  | Rpm    | kw  |  |
|-----------|--------|-----------|----|-----|--------|-----|--|
| 99.MS.A89 | C5     | NO        | 80 | 100 | 10.000 | 5,2 |  |
| 99.MS.A90 | C4     | NO        | 80 | 100 | 10.000 | 5,2 |  |
| 99.MS.A91 | C5     | ✓         | 80 | 100 | 10.000 | 5,2 |  |
| 99.MS.A92 | C4     | ✓         | 80 | 100 | 10.000 | 5,2 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**NLX**


TIPO - TYPE

 Disassato  
 Offset Axis


USCITA - OUTPUT

 Porta Pinza  
 Collet Chunk

 REFRIGERANTE  
 COOLANT

 Esterno  
 External


RATIO

1:1

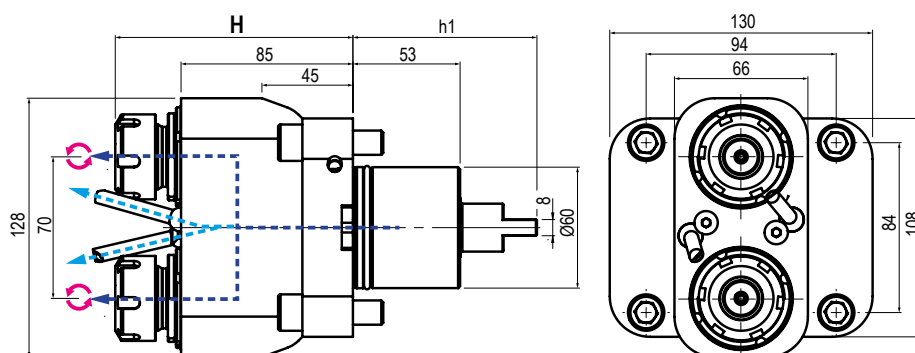


ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

| Code      | Output        | Int Cool. | H         | Nm  | Rpm    | kw |  |
|-----------|---------------|-----------|-----------|-----|--------|----|--|
| 99.MS.A61 | ER-32 - Ø2+20 | NO        | 121,3÷125 | 100 | 10.000 | 10 |  |

5



TIPO - TYPE

 Doppio Assiale  
 Double Axial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chunk

 REFRIGERANTE  
 COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

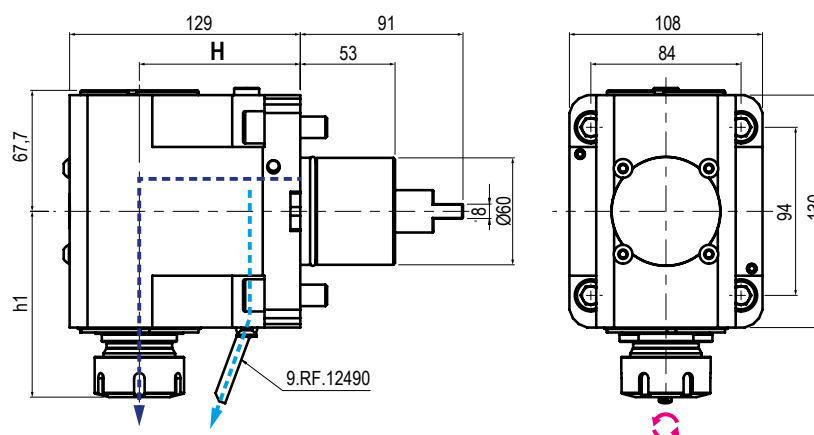
| Code      | Output           | Int Cool. | H           | Nm | Rpm  | kw |  |
|-----------|------------------|-----------|-------------|----|------|----|--|
| 99.MS.A57 | ER-25-25 - Ø1+16 | NO        | 113,8÷117,5 | 40 | 6000 | 10 |  |
| 99.MS.A58 | ER-25-25 - Ø1+16 | ✓         | 113,8÷117,5 | 40 | 6000 | 10 |  |



**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

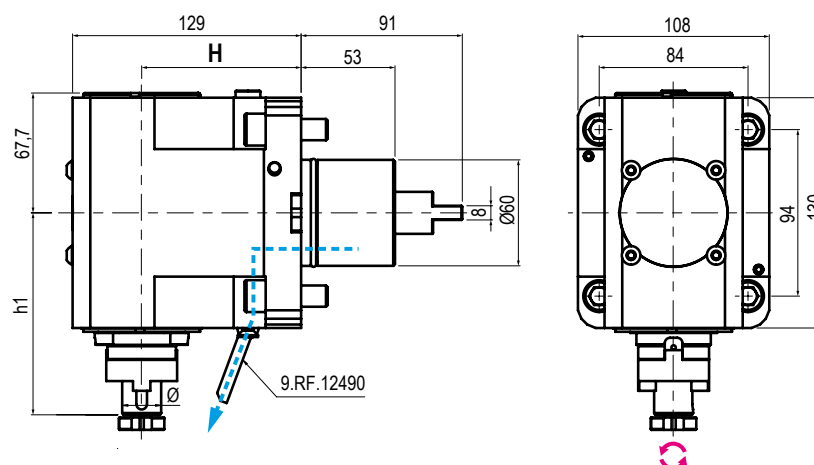
**DMG MORI**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



| TIPO - TYPE                                                                                               | USCITA - OUTPUT                                                                                                      | REFRIGERANTE COOLANT                                                                            | RATIO                                                                                         | ROTAZIONE - ROTATION                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>Radiale</b><br>Radial |  <b>Porta Pinza</b><br>Collet Chunk |  <b>80 bar</b> |  <b>1:1</b> |  <b>Opposto al mandrino</b><br>Opposite to machine spindle |

| Code      | Output        | Int Cool. | H  | h1      | Nm | Rpm    | kw |  |
|-----------|---------------|-----------|----|---------|----|--------|----|--|
| 99.MS.A72 | ER-32 - Ø2+20 | NO        | 90 | 103,9   | 60 | 10.000 | 10 |  |
| 99.MS.A73 | ER-32 - Ø2+20 | ✓         | 90 | 103,9   | 60 | 10.000 | 10 |  |
| 99.MS.A76 | ER-40 - Ø3+30 | NO        | 90 | 106     | 60 | 10.000 | 10 |  |
| 99.MS.A77 | ER-40 - Ø3+30 | ✓         | 90 | 106     | 60 | 10.000 | 10 |  |
| 99.MS.A82 | ER-25 - Ø1+16 | NO        | 90 | 95,3+99 | 60 | 10.000 | 10 |  |
| 99.MS.A83 | ER-25 - Ø1+16 | ✓         | 90 | 95,3+99 | 60 | 10.000 | 10 |  |



| TIPO - TYPE                                                                                                 | USCITA - OUTPUT                                                                                                                    | REFRIGERANTE COOLANT                                                                                           | RATIO                                                                                           | ROTAZIONE - ROTATION                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>Radiale</b><br>Radial |  <b>Porta Fresa</b><br>Shell End Milling Cutter |  <b>Esterno</b><br>External |  <b>1:1</b> |  <b>Opposto al mandrino</b><br>Opposite to machine spindle |

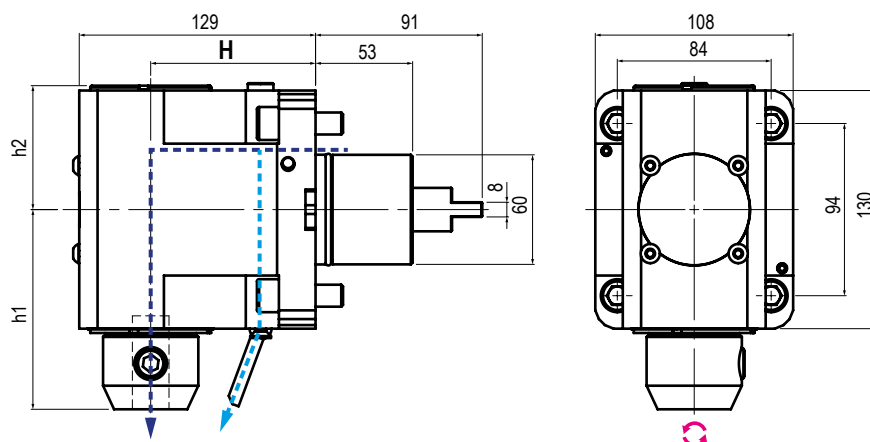
| Code      | Output | Int Cool. | H  | h1   | Nm | Rpm   | kw |  |
|-----------|--------|-----------|----|------|----|-------|----|--|
| 99.MS.A88 | Ø16    | NO        | 90 | 67,7 | 60 | 6.000 | 10 |  |
| 99.MS.A69 | Ø22    | NO        | 90 | 67,7 | 60 | 6.000 | 10 |  |
| 99.MS.A70 | Ø27    | NO        | 90 | 67,7 | 60 | 6.000 | 10 |  |



**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

**DMG MORI**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**NLX**


TIPO - TYPE

**Radiale**  
 Radial


USCITA - OUTPUT

**Weldon**

 REFRIGERANTE  
 COOLANT

**80 bar**

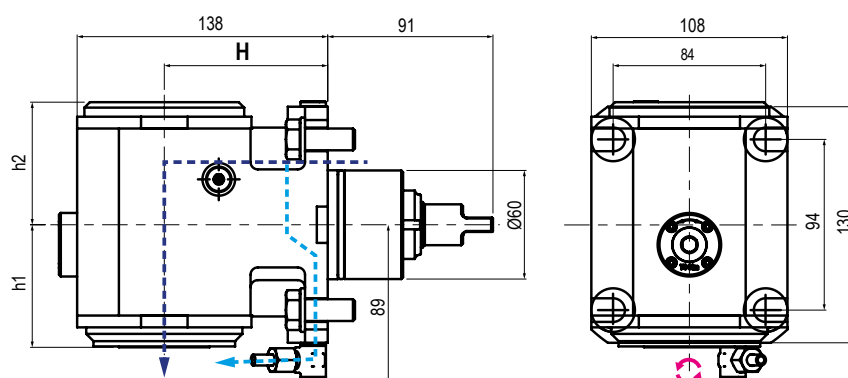

RATIO

**1:1**


ROTAZIONE - ROTATION

**Opposto al mandrino**  
 Opposite to machine spindle

| Code      | Output | Int Cool. | H  | h1  | h2   | Nm | Rpm    | kw |  |
|-----------|--------|-----------|----|-----|------|----|--------|----|--|
| 99.MS.A07 | Ø20    | NO        | 90 | 109 | 67,7 | 60 | 10.000 | 10 |  |
| 99.MS.A08 | Ø20    | ✓         | 90 | 109 | 67,7 | 60 | 10.000 | 10 |  |
| 99.MS.A09 | Ø25    | NO        | 90 | 139 | 67,7 | 60 | 10.000 | 10 |  |
| 99.MS.A10 | Ø25    | ✓         | 90 | 139 | 67,7 | 60 | 10.000 | 10 |  |
| 99.MS.A11 | Ø1"    | NO        | 90 | 139 | 67,7 | 60 | 10.000 | 10 |  |
| 99.MS.A12 | Ø1"    | ✓         | 90 | 139 | 67,7 | 60 | 10.000 | 10 |  |
| 99.MS.A13 | Ø32    | NO        | 90 | 141 | 67,7 | 60 | 10.000 | 10 |  |
| 99.MS.A14 | Ø32    | ✓         | 90 | 141 | 67,7 | 60 | 10.000 | 10 |  |

**5**


TIPO - TYPE

**Radiale**  
 Radial


USCITA - OUTPUT

**C. ISO26623**

 REFRIGERANTE  
 COOLANT

**80 bar**


RATIO

**1:1**


ROTAZIONE - ROTATION

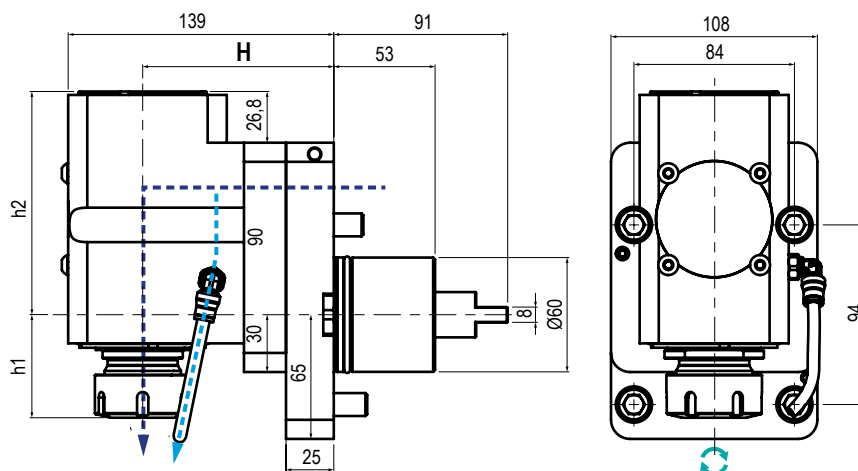
**Opposto al mandrino**  
 Opposite to machine spindle

| Code      | Output | Int Cool. | H  | h1 | h2 | Nm  | Rpm    | kw  |  |
|-----------|--------|-----------|----|----|----|-----|--------|-----|--|
| 99.MS.A93 | C5     | NO        | 90 | 68 | 68 | 100 | 10.000 | 5,2 |  |
| 99.MS.A95 | C5     | ✓         | 90 | 68 | 68 | 100 | 10.000 | 5,2 |  |
| 99.MS.A20 | C4     | ✓         | 90 | 68 | 68 | 100 | 10.000 | 5,2 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**DMG MORI**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**TIPO - TYPE**
**Arretrato**  
Rear Offset

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

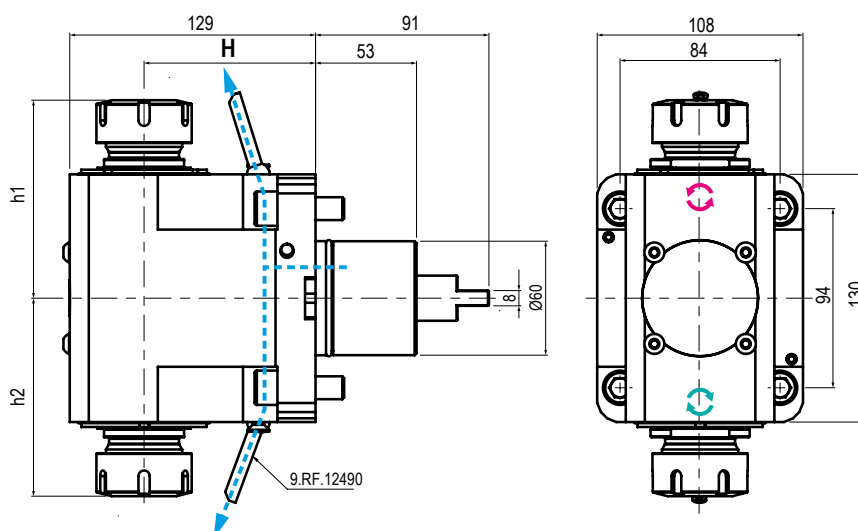
**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output        | Int Cool. | H   | h1       | h2  | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----|----------|-----|----|-------|----|--|
| 99.MS.A74 | ER-32 - Ø2÷20 | NO        | 100 | MAX 53,9 | 117 | 60 | 10000 | 10 |  |
| 99.MS.A75 | ER-32 - Ø2÷20 | ✓         | 100 | MAX 53,9 | 117 | 60 | 10000 | 10 |  |


**TIPO - TYPE**
**Doppio Radiale**  
Radial Double

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

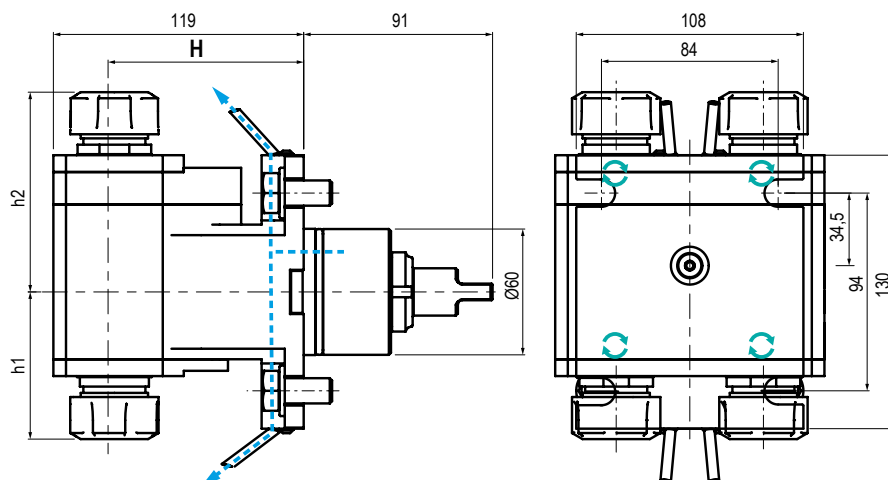
**ROTAZIONE - ROTATION**
**Uguale ed opposto al mandrino**  
Same and opposite as m. spindle

| Code      | Output Ø         | Int Cool. | H  | h1          | h2        | Nm | Rpm    | kw |  |
|-----------|------------------|-----------|----|-------------|-----------|----|--------|----|--|
| 99.MS.A84 | ER-32 - 32 Ø2÷20 | NO        | 90 | 100 ÷ 103,9 | 100÷103,9 | 60 | 10.000 | 10 |  |
| 99.MS.A85 | ER-40 - 40 Ø3÷30 | NO        | 90 | 102,3 ÷ 106 | 102,3÷106 | 60 | 10.000 | 10 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**NLX**

 TIPO - TYPE  
**Radiale 4 uscite**  
 Radial 4 Outputs

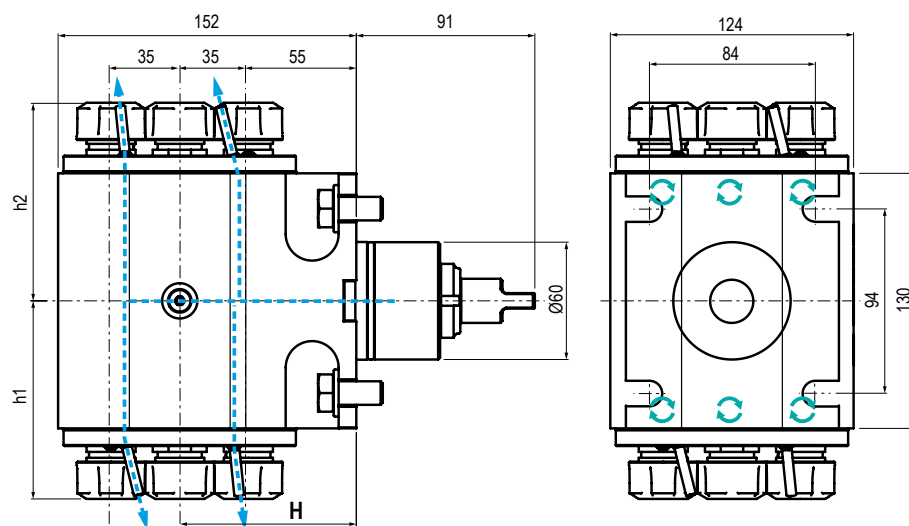
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1      | Nm | Rpm   | kw  |  |
|-----------|---------------|-----------|----|---------|----|-------|-----|--|
| 99.MS.A96 | ER-25 - Ø1÷16 | NO        | 90 | 63,3÷70 | 40 | 6.000 | 2,1 |  |

**5**

 TIPO - TYPE  
**Radiale 8 uscite**  
 Radial 8 Outputs

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

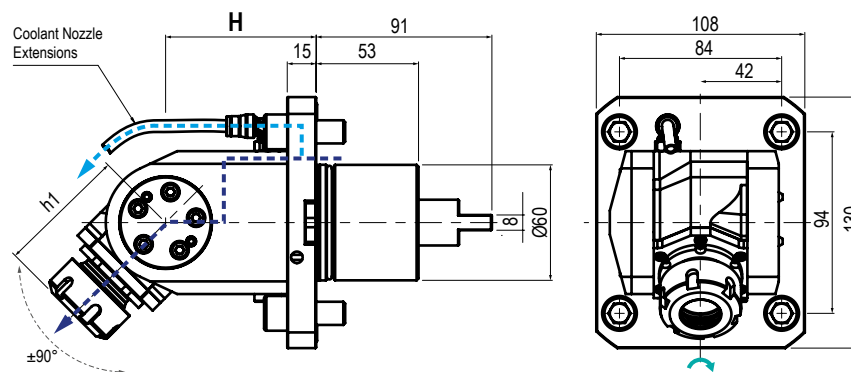
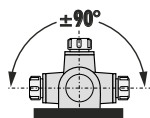
 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1       | h2       | Nm | Rpm  | kw  |  |
|-----------|---------------|-----------|----|----------|----------|----|------|-----|--|
| 99.MS.A97 | ER-20 - Ø1÷13 | NO        | 90 | 97,3÷101 | 97,3÷101 | 20 | 6000 | 1,1 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**DMG MORI**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**TIPO - TYPE**
**Orientabile ±90°**  
±90° Adjustable

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

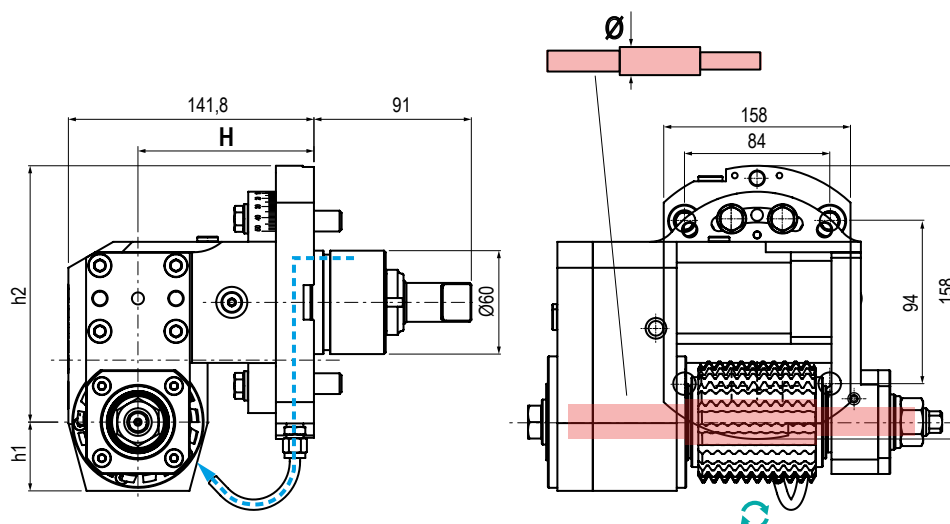
**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1        | Nm | Rpm    | kw |  |
|-----------|---------------|-----------|----|-----------|----|--------|----|--|
| 99.MS.A86 | ER-25 - Ø1+16 | NO        | 78 | Max. 67,2 | 25 | 10.000 | 4  |  |
| 99.MS.A87 | ER-25 - Ø1+16 | ✓         | 78 | Max. 67,2 | 25 | 10.000 | 4  |  |


**TIPO - TYPE**
**Porta Creatore**  
Driven gear hobber

**USCITA - OUTPUT**
**Porta Creatore**  
Driven gear hobber

**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**2:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

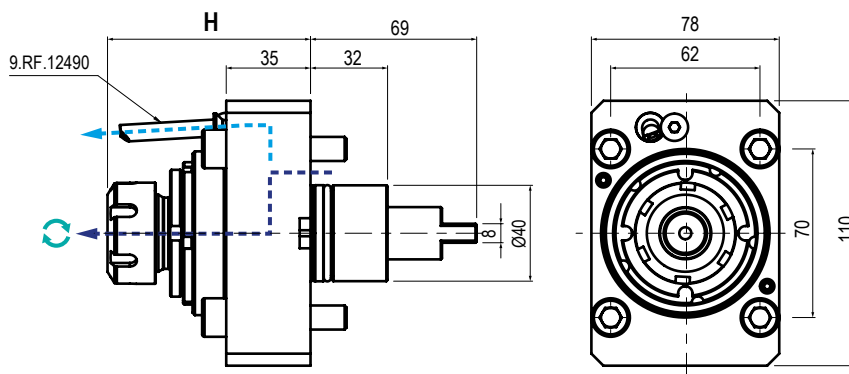
| Code      | Ø      | Int Cool. | H      | h1    | h2 | Nm  | Rpm   |  |
|-----------|--------|-----------|--------|-------|----|-----|-------|--|
| 99.MS.A98 | Ø16    | NO        | 101,77 | 141,8 | 91 | 150 | 3.000 |  |
| 99.MS.A99 | Ø22    | NO        | 101,77 | 141,8 | 91 | 150 | 3.000 |  |
| 99.MS.A15 | Ø27    | NO        | 101,77 | 141,8 | 91 | 150 | 3.000 |  |
| 99.MS.A16 | Ø32    | NO        | 101,77 | 141,8 | 91 | 150 | 3.000 |  |
| 99.MS.A17 | Ø0,75" | NO        | 101,77 | 141,8 | 91 | 150 | 3.000 |  |
| 99.MS.A18 | Ø1"    | NO        | 101,77 | 141,8 | 91 | 150 | 3.000 |  |
| 99.MS.A19 | Ø1,25" | NO        | 101,77 | 141,8 | 91 | 150 | 3.000 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

NZ



TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

100 bar



RATIO

1:1

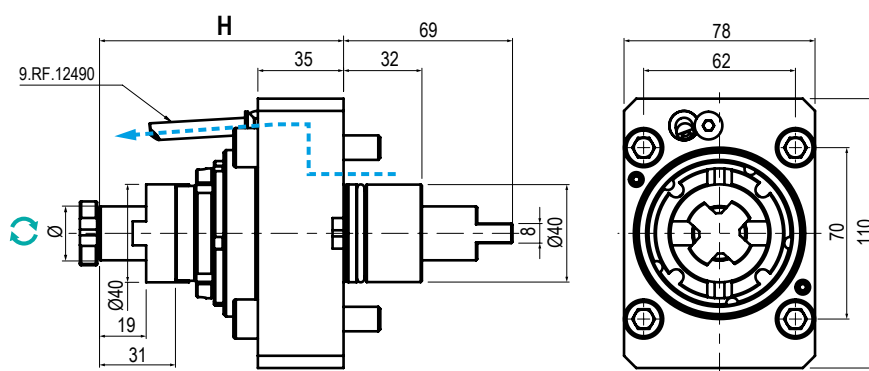


ROTAZIONE - ROTATION

 Uguale al mandrino  
 Same as machine spindle

| Code       | Output        | Int Cool. | H           | Nm | Rpm    | kw  |  |
|------------|---------------|-----------|-------------|----|--------|-----|--|
| 99.MS.A101 | ER-25 - Ø1÷16 | NO        | 80,6 ÷ 84,3 | 50 | 12.000 | 7,5 |  |
| 99.MS.A103 | ER-32 - Ø2÷20 | NO        | 85,5 ÷ 89,2 | 50 | 12.000 | 7,5 |  |
| 99.MS.A102 | ER-25 - Ø1÷16 | ✓         | 80,6 ÷ 84,3 | 50 | 12.000 | 7,5 |  |
| 99.MS.A104 | ER-32 - Ø2÷20 | ✓         | 85,5 ÷ 89,2 | 50 | 12.000 | 7,5 |  |

5



TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

 Porta Fresa  
 Shell End Milling Cutter

 REFRIGERANTE  
 COOLANT

 Esterno  
 External


RATIO

1:1



ROTAZIONE - ROTATION

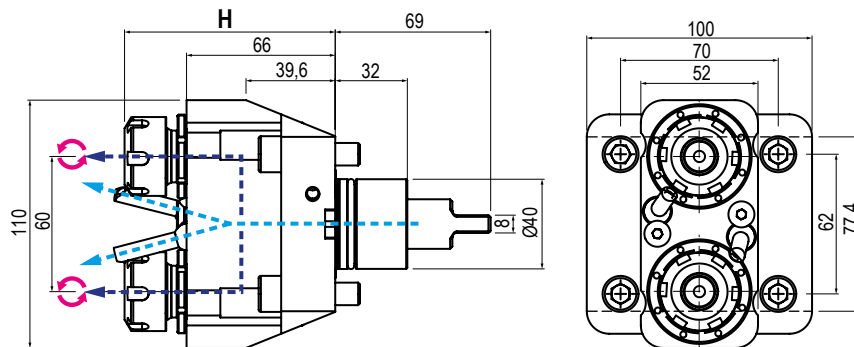
 Uguale al mandrino  
 Same as machine spindle

| Code       | Output | Int Cool. | H   | Nm | Rpm    | kw  |  |
|------------|--------|-----------|-----|----|--------|-----|--|
| 99.MS.A105 | Ø22    | NO        | 100 | 50 | 12.000 | 7,5 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**NZ**


TIPO - TYPE

**Assiale Doppio**  
 Double Axial


USCITA - OUTPUT

**Porta Fresa**  
 Shell End Milling Cutter

 REFRIGERANTE  
 COOLANT

**Esterno**  
 External


RATIO

**1:1**


ROTAZIONE - ROTATION

**Opposto al mandrino**  
 Opposite to machine spindle

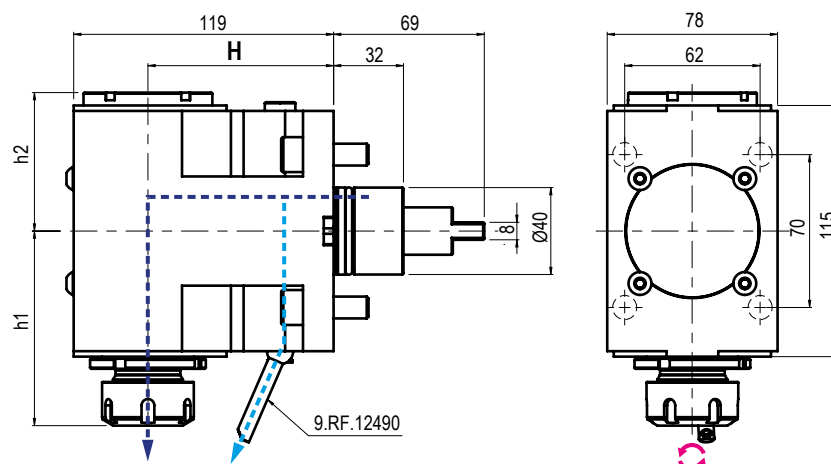
| Code       | Output        | Int Cool. | H         | Nm | Rpm   | kw  |  |
|------------|---------------|-----------|-----------|----|-------|-----|--|
| 99.MS.A121 | ER-20 - Ø1+13 | NO        | 87,8+91,5 | 30 | 6.000 | 5,5 |  |
| 99.MS.A122 | ER-20 - Ø1+13 | ✓         | 87,8+91,5 | 30 | 6.000 | 5,5 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

NZ


 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

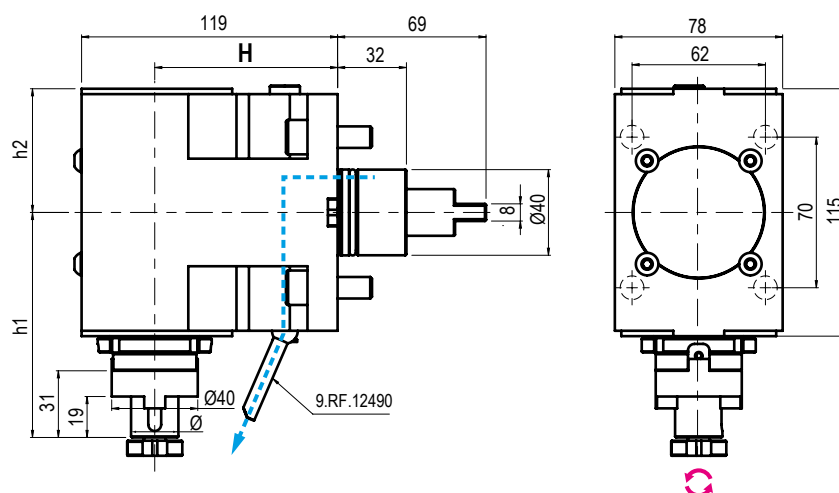
 REFRIGERANTE  
 COOLANT  
**100 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Opposto al mandrino**  
 Opposite to machine spindle

| Code       | Output        | Int Cool. | H  | h1     | h2   | Nm | Rpm    | kw  |  |
|------------|---------------|-----------|----|--------|------|----|--------|-----|--|
| 99.MS.A108 | ER-32 - Ø2÷20 | NO        | 85 | Max 94 | 57,5 | 50 | 12.000 | 7,5 |  |
| 99.MS.A109 | ER-32 - Ø2÷20 | ✓         | 85 | Max 94 | 63,5 | 50 | 12.000 | 7,5 |  |
| 99.MS.A106 | ER-25 - Ø1÷16 | NO        | 85 | Max 94 | 57,5 | 50 | 12.000 | 7,5 |  |
| 99.MS.A107 | ER-25 - Ø1÷16 | ✓         | 85 | Max 94 | 63,5 | 50 | 12.000 | 7,5 |  |

5


 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Fresa**  
 Shell End Milling Cutter

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Opposto al mandrino**  
 Opposite to machine spindle

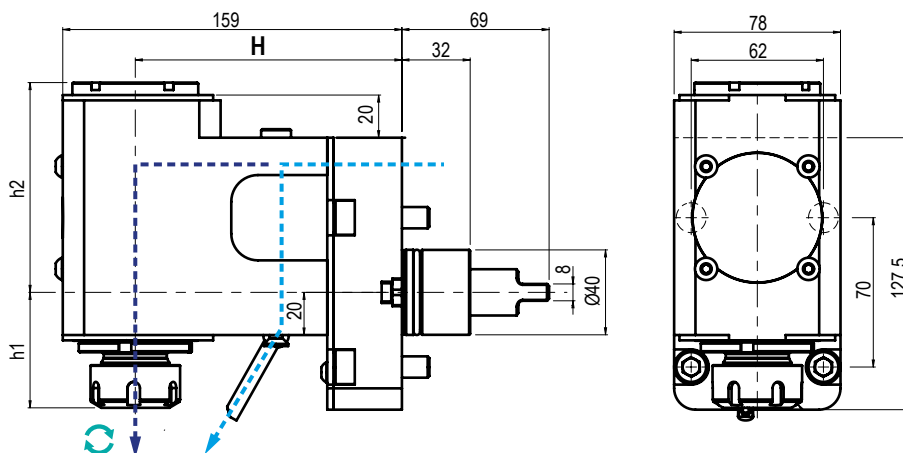
| Code       | Output | Int Cool. | H  | h1    | h2   | Nm | Rpm    | kw  |  |
|------------|--------|-----------|----|-------|------|----|--------|-----|--|
| 99.MS.A110 | Ø22    | NO        | 85 | 104,6 | 57,5 | 50 | 12.000 | 7,5 |  |



**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**DMG MORI**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



TIPO - TYPE

**Arretrato**  
Rear Offset


USCITA - OUTPUT

**Porta Pinza**  
Collet Chuck

REFRIGERANTE  
COOLANT

**100 bar**


RATIO

**1:1**


ROTAZIONE - ROTATION

**Uguale al mandrino**  
Same as machine spindle

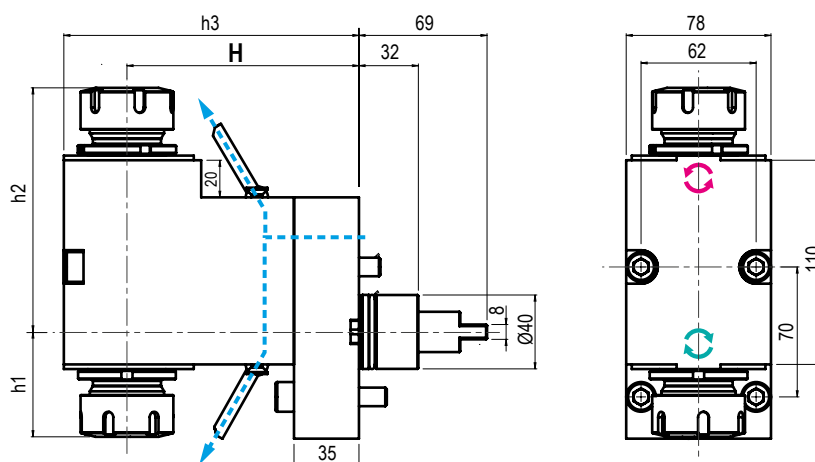
| Code        | Output        | Int Cool. | H   | h1        | h2   | Nm | Rpm    | kw  |  |
|-------------|---------------|-----------|-----|-----------|------|----|--------|-----|--|
| 99.MS.A111* | ER-25 - Ø1+16 | NO        | 125 | Max 54,1  | 92,5 | 50 | 12.000 | 7,5 |  |
| 99.MS.A112* | ER-25 - Ø1+16 | ✓         | 125 | Max 54,1  | 92,5 | 50 | 12.000 | 7,5 |  |
| 99.MS.A123  | ER-25 - Ø1+16 | NO        | 125 | 50,4+54,1 | 92,5 | 50 | 12.000 | 7,5 |  |
| 99.MS.A124  | ER-25 - Ø1+16 | ✓         | 125 | 50,4+54,1 | 98,4 | 50 | 12.000 | 7,5 |  |
| 99.MS.A125  | ER-32 - Ø2+20 | NO        | 125 | 55,3+59   | 92,5 | 50 | 12.000 | 7,5 |  |
| 99.MS.A126  | ER-32 - Ø2+20 | ✓         | 125 | 55,3+59   | 98,4 | 50 | 12.000 | 7,5 |  |

Disponibile solo per tornio NZ 1000 / Only for lathe NZ 1000

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

**DMG MORI**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**NZ**

 TIPO - TYPE  
**Doppio arretrato**  
 Double rear offset

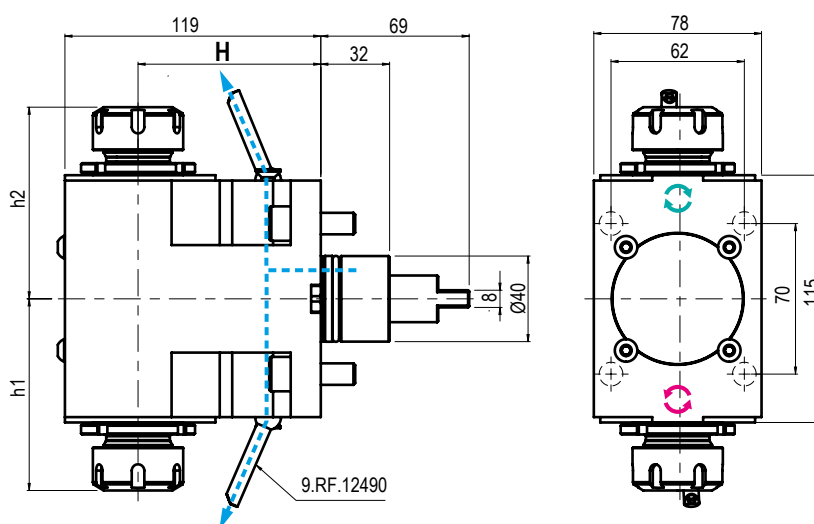
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale ed opposto al mandrino  
 Same and opposite as m. spindle

| Code       | Output         | Int Cool. | H   | h1        | h2          | Nm | Rpm    | kw  |  |
|------------|----------------|-----------|-----|-----------|-------------|----|--------|-----|--|
| 99.MS.A128 | ER-25-25 Ø1+16 | NO        | 125 | 50,4+54,1 | 120,4+124,1 | 50 | 12.000 | 7,5 |  |
| 99.MS.A129 | ER-32-32 Ø2+20 | NO        | 125 | 55,3+59   | 125,3+129   | 50 | 12.000 | 7,5 |  |

**5**

 TIPO - TYPE  
**Doppio Radiale**  
 Double Radial

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

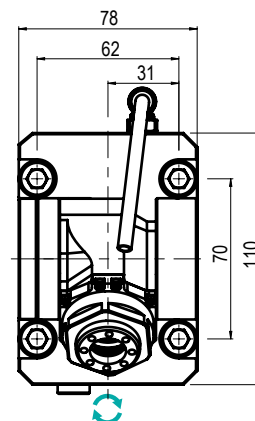
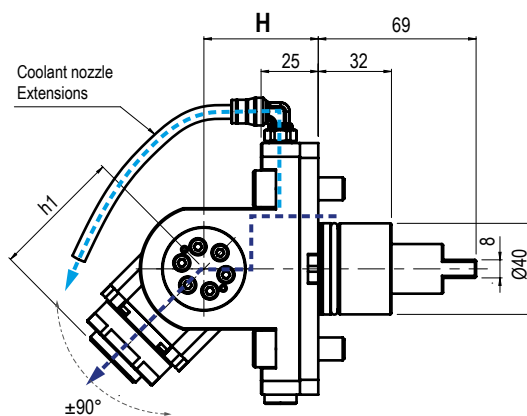
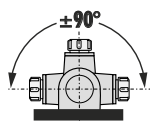
 ROTAZIONE - ROTATION  
 Uguale ed opposto al mandrino  
 Same and opposite as m. spindle

| Code       | Output           | Int Cool. | H  | h1     | h2     | Nm | Rpm    | kw  |  |
|------------|------------------|-----------|----|--------|--------|----|--------|-----|--|
| 99.MS.A115 | ER-25-25 - Ø1+16 | NO        | 85 | Max 89 | Max 89 | 50 | 12.000 | 7,5 |  |
| 99.MS.A114 | ER-32-32 - Ø2+20 | NO        | 85 | Max 94 | Max 94 | 50 | 12.000 | 7,5 |  |

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

**DMG MORI**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



TIPO - TYPE

**Orientabile ±90°**  
 ±90° Adjustable


USCITA - OUTPUT

**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

**80 bar**


RATIO

**1:1**


ROTAZIONE - ROTATION

**Uguale al mandrino**  
 Same as machine spindle

| Code       | Output        | Int Cool. | H  | h1   | Nm | Rpm    | kw  |  |
|------------|---------------|-----------|----|------|----|--------|-----|--|
| 99.MS.A118 | ER-20 - Ø1+13 | NO        | 50 | 57,1 | 17 | 12.000 | 5,5 |  |
| 99.MS.A119 | ER-20 - Ø1+13 | ✓         | 50 | 57,1 | 17 | 12.000 | 5,5 |  |

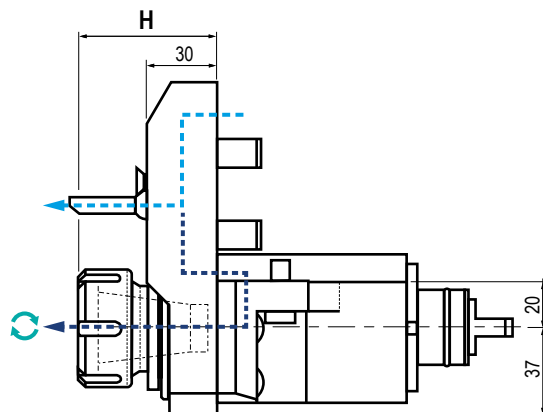
MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

CMZ

GOODWAY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**SL/ZL  
DL**

 Il disegno potrebbe subire  
 variazioni nel tempo  
 The drawings are subject to  
 change without prior notice


TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

80 bar



RATIO

1:1



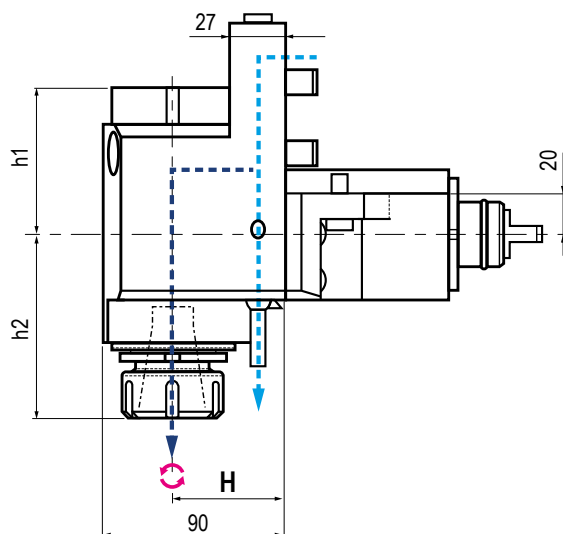
ROTAZIONE - ROTATION

 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H       | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|---------|----|-------|----|--|
| 99.MS.A28 | ER-32 - Ø2÷20 | NO        | 55,5÷60 | 70 | 6.000 | 10 |  |
| 99.MS.A29 | ER-32 - Ø2÷20 | ✓         | 55,5÷60 | 70 | 6.000 | 10 |  |

**MODELLI DI TORNIO COMPATIBILI**  
**COMPATIBLE LATHE TYPES**
**DMG MORI**
**CMZ**
**GOODWAY**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



Il disegno potrebbe subire  
variazioni nel tempo  
The drawings are subject to  
change without prior notice

**SL/ZL  
DL**

**TIPO - TYPE**
**Radiale**  
**Radial**

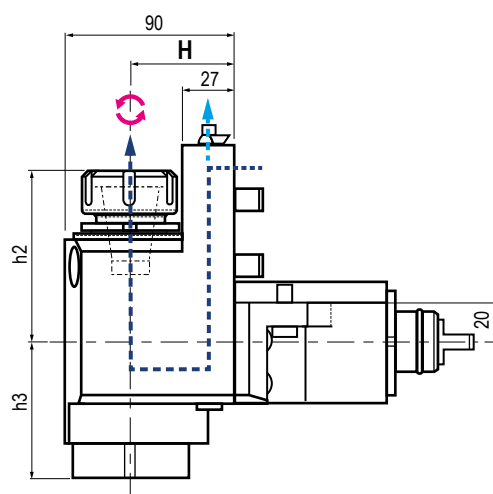
**USCITA - OUTPUT**
**Porta Pinza**  
**Collet Chuck**

**REFRIGERANTE**  
**COOLANT**
**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale / opposto al mandrino**  
**Same / opposite as m. spindle**

| Code      | Output        | Int Cool. | H  | h1 | h2      | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|----|---------|----|-------|----|--|
| 99.MS.A33 | ER-32 - Ø2+20 | NO        | 55 | 57 | 89+93,5 | 70 | 6.000 | 10 |  |
| 99.MS.A34 | ER-32 - Ø2+20 | ✓         | 55 | 72 | 89+93,5 | 70 | 6.000 | 10 |  |



Il disegno potrebbe subire  
variazioni nel tempo  
The drawings are subject to  
change without prior notice


**TIPO - TYPE**
**Radiale Rovesciato**  
**Radial Upside Down**

**USCITA - OUTPUT**
**Porta Pinza**  
**Collet Chuck**

**REFRIGERANTE**  
**COOLANT**
**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Opposto al mandrino**  
**Opposite to machine spindle**

| Code      | Output        | Int Cool. | H  | h2      | h3 | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|---------|----|----|-------|----|--|
| 99.MS.A41 | ER-32 - Ø2+20 | NO        | 55 | 89+93,5 | 57 | 70 | 6.000 | 10 |  |
| 99.MS.A42 | ER-32 - Ø2+20 | ✓         | 55 | 89+93,5 | 67 | 70 | 6.000 | 10 |  |

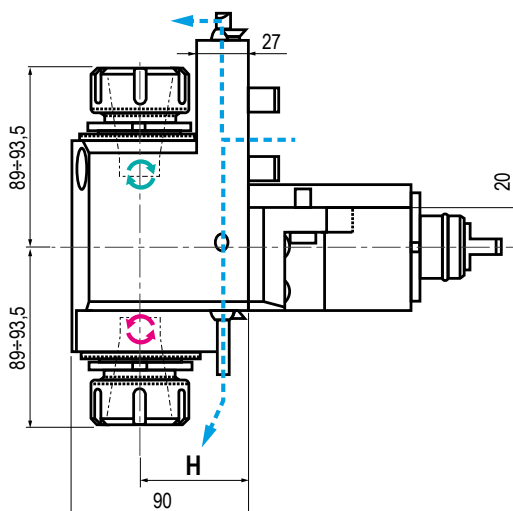
MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

DMG MORI

CMZ

GOODWAY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**SL/ZL  
DL**


Il disegno potrebbe subire  
variazioni nel tempo  
The drawings are subject to  
change without prior notice


 TIPO - TYPE  
**Doppio Radiale**  
 Double Radial

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale ed opposto al mandrino**  
 Same and opposite as m. spindle

| Code      | Output           | Int Cool. | H  | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|----|----|-------|----|--|
| 99.MS.A49 | ER 32-32 - Ø2+20 | NO        | 55 | 70 | 6.000 | 10 |  |

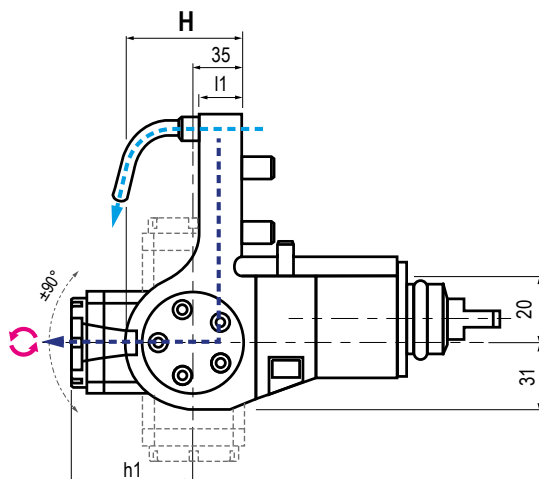
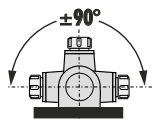
**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

DMG MORI

CMZ

GOODWAY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**SL/ZL  
DL**


Il disegno potrebbe subire  
variazioni nel tempo  
The drawings are subject to  
change without prior notice


**TIPO - TYPE**  
Orientabile  $\pm 90^\circ$   
 $\pm 90^\circ$  Adjustable

**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE  
COOLANT**  
80 bar

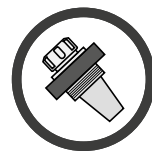
**RATIO**  
1:1

**ROTAZIONE - ROTATION**  
Opposto al mandrino  
Opposite to machine spindle

| Code      | Output           | Int Cool. | H  | l5 | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|----|----|----|-------|----|--|
| 99.MS.A55 | ER-20 - EF Ø1÷13 | NO        | 66 | 56 | 25 | 6.000 | 6  |  |
| 99.MS.A56 | ER-20 - EF Ø1÷13 | ✓         | 66 | 56 | 25 | 6.000 | 6  |  |



# Q MODULAR QUICK CHANGE ADAPTORS



COMPATIBILI CON TUTTE LE USCITE ER - COMPATIBLE WITH ALL ER OUTPUTS

## SISTEMA MODULARE MODULAR SYSTEM



Facile e veloce sistema modulare universale per cambiare rapidamente diverse tipologie di utensili.

An easy modular system to replace quickly any tool you need.

## VANTAGGI ADVANTAGES



Aiutano a ridurre i costi-extra per l'acquisto di nuovi motorizzati o teste angolari.

The costs for further requirements of spindle units can be reduced by using the universal quick change adaptors

## ALTE PRESTAZIONI HIGH PERFORMANCE



Ghiera con cuscinetto a sfera e losanga di trascinamento removibile per una maggiore rigidità.

High rigidity thanks to the ball bearing nut and the removable diamond plate

## COMPATIBILITÀ COMPATIBILITY



Ampia gamma di uscite disponibili adatte al montaggio su qualsiasi tipologia di motorizzato o testa angolare con uscita ER

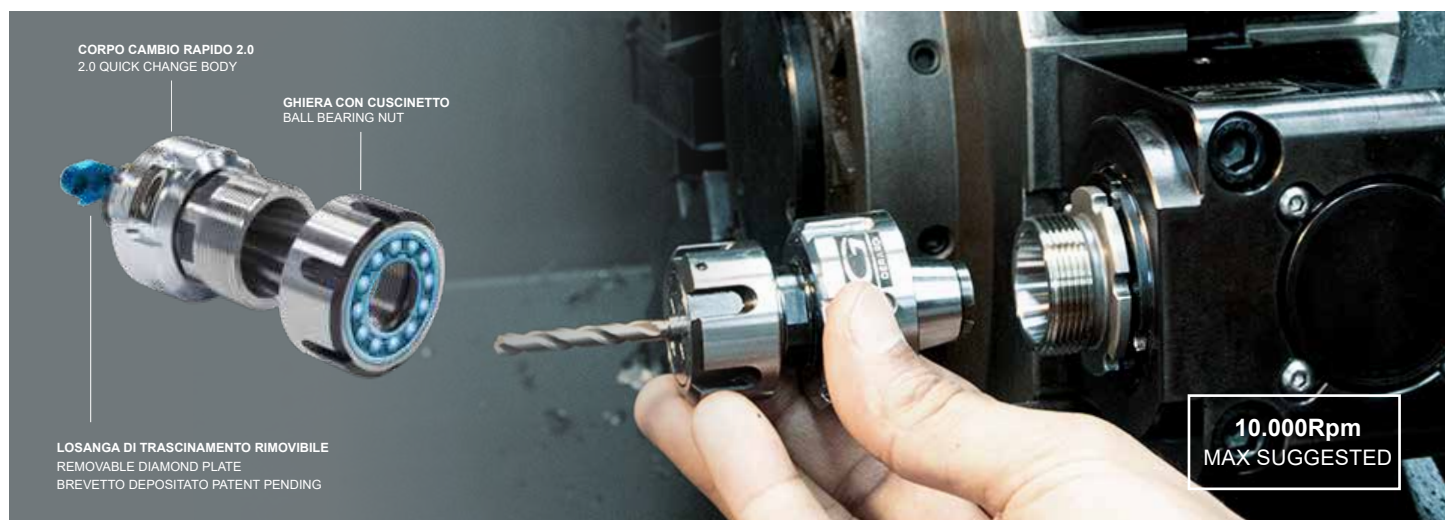
Wide range of outputs available. Ball bearing nut and removable diamond plate for highest rigidity.

I cambi rapidi modulari Gerardi mantenendo il presetting precedentemente realizzato consentono un notevole risparmio dei costi ed un'ottimizzazione dei tempi ciclo. Sono perfettamente compatibili con tutti i motorizzati e le teste angolari aventi uscita ER DIN6499 e possono essere utilizzati sia con refrigerante interno che esterno.

- Nuovi cambi rapidi modulari 2.0 a FORTE SERRAGGIO, 100% Made in Italy.
- Prestazioni garantite e maggior rigidità sui motorizzati Gerardi grazie alla losanga di trascinamento (rimovibile) e alla ghiera con cuscinetto a sfera.
- Adattabili a motorizzati con uscita refrigerante sia interna che esterna.
- Si consiglia di non superare i 10.000 Rpm utilizzando i cambi rapidi

The Gerardi modular quick change adaptors keep the tool presetting previously made and allow great costs and machining times saving. They are perfectly compatible with all driven tools and angle head with ER DIN6499 output and they can be used with internal or external coolant.

- Universal HIGH TORQUE modular quick change adaptor 100% Made in Italy.
- Guaranteed higher rigidity and performances on Gerardi driven tools thanks to the removable diamond plate and the ball bearing nut
- Suitable for ER toolholder with external and internal coolant supply
- Using the quick change adaptors, we suggest not to exceed 10.000 Rpm



Vedi Pagine 7.14 - 7.15 - See pages 7.14 - 7.15



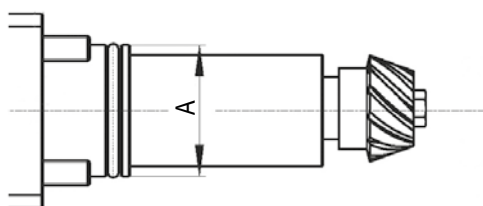
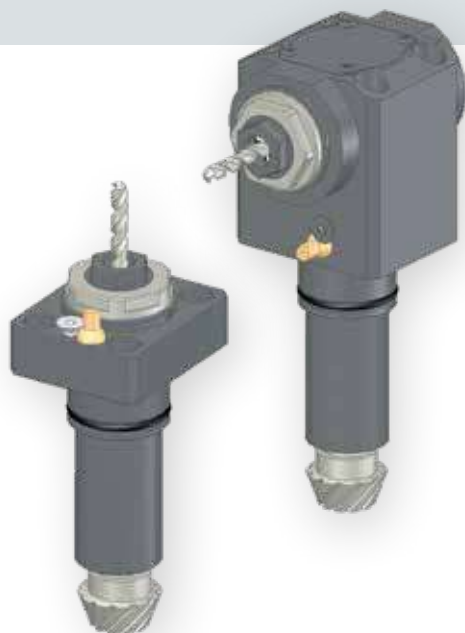
ER OUTPUTS COMPATIBLE



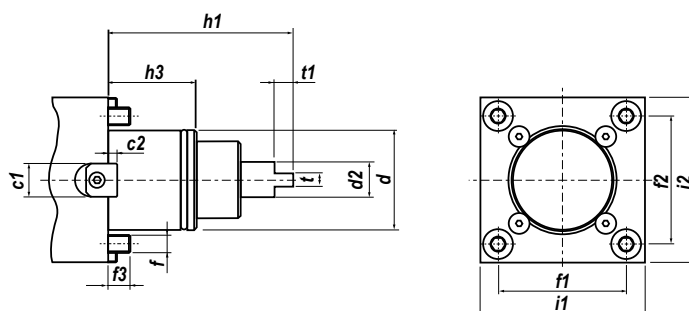
2 YEARS GUARANTEED



100% MADE IN ITALY



| Type | A     |
|------|-------|
| G1   | 42 h6 |



| Type | d   | d2   | f | f1 | f2 | f3 | h1 | h3 | i1  | i2  | t | t1   |
|------|-----|------|---|----|----|----|----|----|-----|-----|---|------|
| G4   | Ø60 | 23,7 | - | 84 | 94 | 15 | 91 | 55 | 108 | 130 | 8 | 16,5 |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

**COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS**



**DOTAZIONE STANDARD  
STANDARD EQUIPMENT**

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Tool shaft lock wrench / cooling nozzle / nozzle lock screws / Driven tool locking screws / O-ring



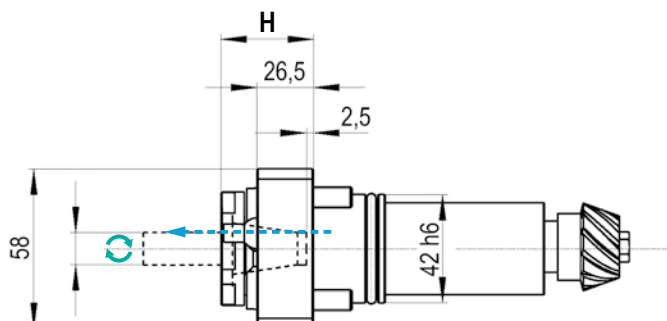
**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
**MODULAR QUICK CHANGE** See page 7.12 - 7.15

Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).  
Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

**GOODWAY**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**G1**

**NEW**  
**2024**

 TIPO - TYPE  
**Assiale**  
 Axial

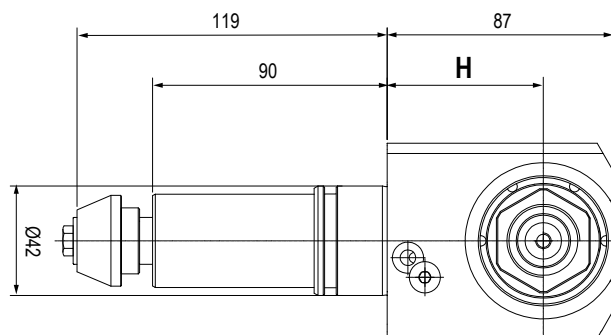
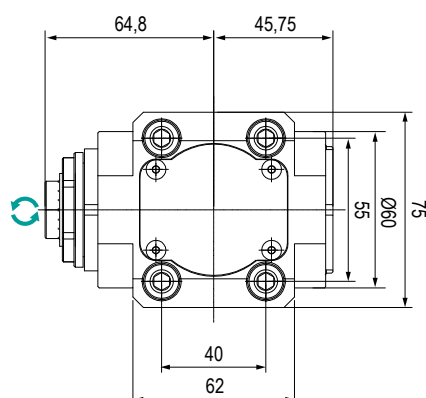
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code      | Output          | Int Cool. | H  | Nm | Rpm   | kw |  |
|-----------|-----------------|-----------|----|----|-------|----|--|
| 99.GD.A01 | ER-20 - DIN6499 | NO        | 40 | 25 | 6.000 | 6  |  |

**5**

**NEW**  
**2024**

 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

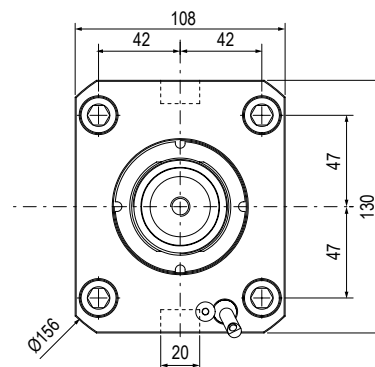
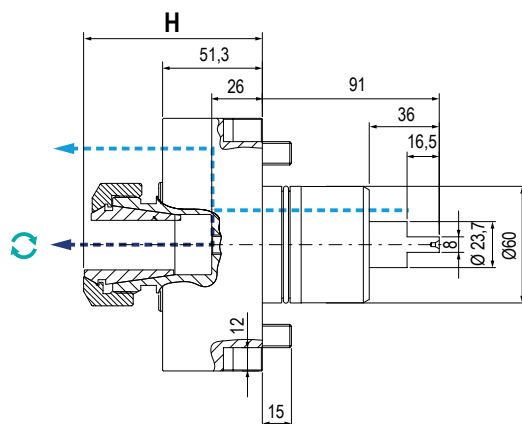
 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code      | Output          | Int Cool. | H  | h1 | h2 | Nm | Rpm   | kw |  |
|-----------|-----------------|-----------|----|----|----|----|-------|----|--|
| 99.GD.A02 | ER-20 - DIN6499 | NO        | 60 | 58 | 46 | 25 | 6.000 | 6  |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**GOODWAY**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**G4**

**NEW**  
2024

**TIPO - TYPE**  
Assiale  
Axial

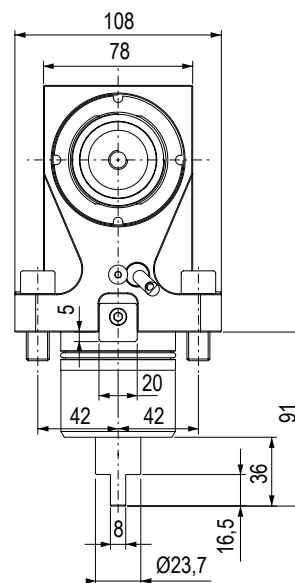
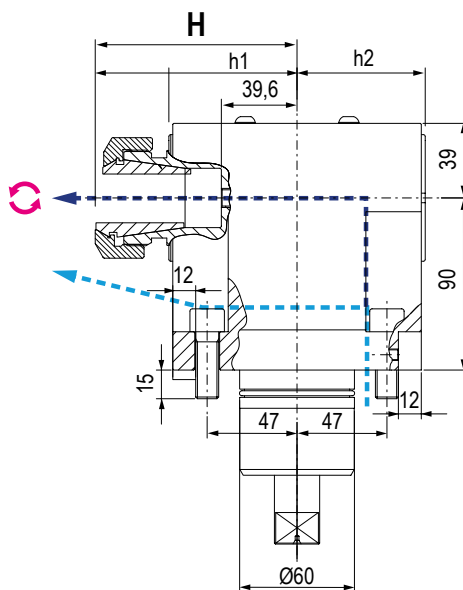
**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE**  
**COOLANT**  
**70 bar**

**RATIO**  
**1:1**

**ROTAZIONE - ROTATION**  
Uguale al mandrino  
Same as machine spindle

| Code      | Output      | Int Cool. | H                 | Nm | Rpm   | kw |  |
|-----------|-------------|-----------|-------------------|----|-------|----|--|
| 99.GD.A07 | ER-40 Ø3-26 | NO        | Min 87,5 - Max 92 | 63 | 6.000 | 10 |  |
| 99.GD.A08 | ER-40 Ø3-26 | ✓         | Min 87,5 - Max 92 | 63 | 6.000 | 10 |  |


**NEW**  
2024

**TIPO - TYPE**  
Radiale  
Radial

**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE**  
**COOLANT**  
**70 bar**

**RATIO**  
**1:1**

**ROTAZIONE - ROTATION**  
Opposto al mandrino  
Opposite to machine spindle

| Code      | Output      | Int Cool. | H         | h1 | h2 | Nm | Rpm   | kw |  |
|-----------|-------------|-----------|-----------|----|----|----|-------|----|--|
| 99.GD.A09 | ER-40 Ø3-26 | NO        | 101÷105,5 | 67 | 67 | 63 | 6.000 | 10 |  |
| 99.GD.A10 | ER-40 Ø3-26 | ✓         | 101÷105,5 | 67 | 67 | 63 | 6.000 | 10 |  |

# In arrivo Motorizzati Potenziati! Upgraded Driven Tools are coming!

## HIGH PERFORMANCE

**Elevata coppia e 12.000 Rpm per lavorazioni a secco!**  
High torque and 12.000 Rpm for dry running!

**Modelli Biglia già disponibili a catalogo. Prossimamente DMG MORI!**  
Biglia models already available in the catalogue. Coming soon DMG MORI!



### MASSIME PRESTAZIONI E PROGETTAZIONE OTTIMIZZATA

Maximum Performance and Optimised Design

- Progettazione ottimizzata nella struttura e nei cuscinetti
- Migliori performance in fresatura e foratura
- Albero principale esente da usura
- Optimized design in the structure and bearings
- Better performance in milling and drilling
- Wear-free main shaft



### EFFICIENZA TERMICA E MANUTENZIONE SEMPLIFICATA

Thermal efficiency and simplified maintenance

- Ridotto incremento delle temperature
- Tenuta meccanica senza guarnizione
- Montaggio smontaggio semplificati
- Intervalli di manutenzione ridotti
- Reduced increase in temperatures
- Mechanical seal without gasket
- Simplified assembly and disassembly
- Reduced maintenance intervals



### POSSIBILITÀ DI LAVORARE A SECCO

Dry running available

- Possibilità di lavorare a secco ad alte velocità (ma con valori ridotti del 70%)
- Continuo miglioramento della tecnologia di tenuta
- Possibility of dry running at high speeds (but with values reduced by 70%)
- Continuous improvement of sealing technology



### CHIAVE DI BLOCCAGGIO CON SISTEMA "SENZA MANI"

'Hands-free' locking wrench

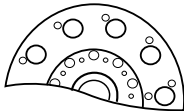
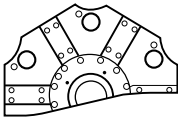
- La chiave di bloccaggio dell'albero portapinza rimane fissa liberando una mano per un migliore serraggio dell'utensile
- Ridotto il tempo operativo di attrezzaggio
- The collet holder shaft locking key remains fixed, freeing one hand for better tightening of the tool
- Reduced operating time when tooling up the machine.

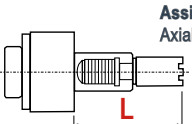
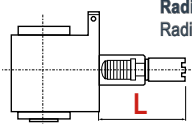
**Contatta il tuo Agente di zona - Ask to your area Distributor**

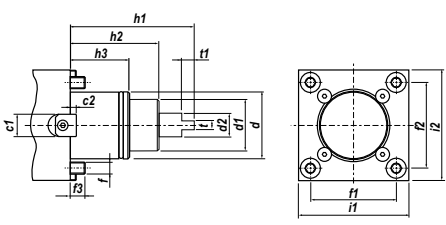
**PROSSIMAMENTE NUOVI MODELLI!**  
**NEW MODELS COMING SOON!**





|                                                        | VDI                                                                                 |                 |                                                                                     |        |                              |        |        |
|--------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|--------|------------------------------|--------|--------|
| Modello di tornio / torretta<br>Type of lathe / turret | VDI 40 TORRETTA STANDARD<br>STANDARD TURRET VDI40                                   |                 | TORRETTA IBRIDA<br>HYBRID TURRET                                                    |        | TORRETTA HAAS<br>HAAS TURRET |        |        |
|                                                        |  |                 |  |        |                              |        |        |
| Modello di tornio<br>Type of lathe                     | SL20/30                                                                             | SL40<br>ST20/30 | SL20/30<br>TL15/25                                                                  | SL40   | SL20/30                      | SL40   |        |
| Lunghezza presa di moto<br>Coupling lenght             | L<br>(mm)                                                                           | 104.85          | 117.55                                                                              | 117.55 | 130.25                       | 117.55 | 130.25 |

|                                                                                                                      |      |              |              |              |              |              |              |
|----------------------------------------------------------------------------------------------------------------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
|  <p><b>Assiale<br/>Axial</b></p>  | Code | 99.HA.590083 | 99.HA.590082 | 99.HA.590082 | 99.HA.596352 | 99.HA.590082 | 99.HA.596352 |
|                                                                                                                      |      |              |              |              |              |              |              |
|  <p><b>Radiale<br/>Radial</b></p> | Code | 99.HA.590085 | 99.HA.590084 | 99.HA.590084 | 99.HA.596353 | 99.HA.590084 | 99.HA.596353 |
|                                                                                                                      |      |              |              |              |              |              |              |

|    | BMT                                                                                   |    |     |  |
|----|---------------------------------------------------------------------------------------|----|-----|--|
|    | DS30Y / ST20Y / ST25Y / ST30Y / ST35Y                                                 |    |     |  |
|    |  |    |     |  |
| c1 | 18                                                                                    | f3 | 15  |  |
| c2 | 5                                                                                     | h1 | 112 |  |
| d  | 65                                                                                    | h2 | 83  |  |
| d1 | 45                                                                                    | h3 | 32  |  |
| d2 | 18                                                                                    | i1 | 94  |  |
| f  | M12                                                                                   | i2 | 94  |  |
| f1 | 70                                                                                    | t  | 10  |  |
| f2 | 73                                                                                    | t1 | 14  |  |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

CONSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS



**DOTAZIONE STANDARD  
STANDARD EQUIPMENT**

Chiave bloccaggio albero / ugello refrigerazione /  
vite bloccaggio ugello  
Shaft lock wrench / cooling nozzle / nozzle lock screws



**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
**MODULAR QUICK CHANGE** See page 7.12 - 7.15

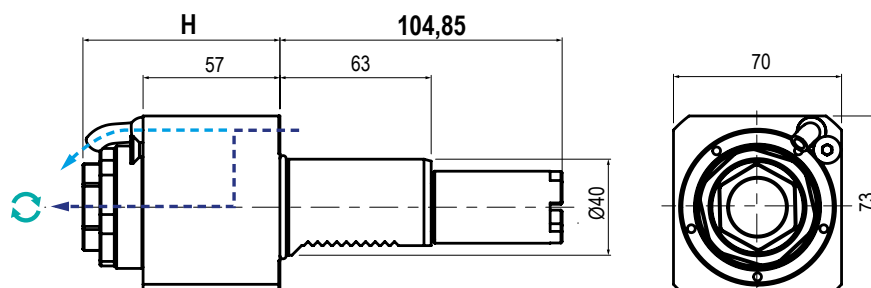
Facile e veloce sistema modulare per il cambio rapido delle  
diverse tipologie di portautensili con la sede dell'utensile per  
pinza ER (DIN6499).  
Modular toolholder system for the fitting of toolholders in  
a spindle unit with ER collets (DIN6499) outputs.

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

HAAS

STANDARD VDI40 TURRET

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**L**  
**104,85**

 TIPO - TYPE  
**Assiale**  
 Axial

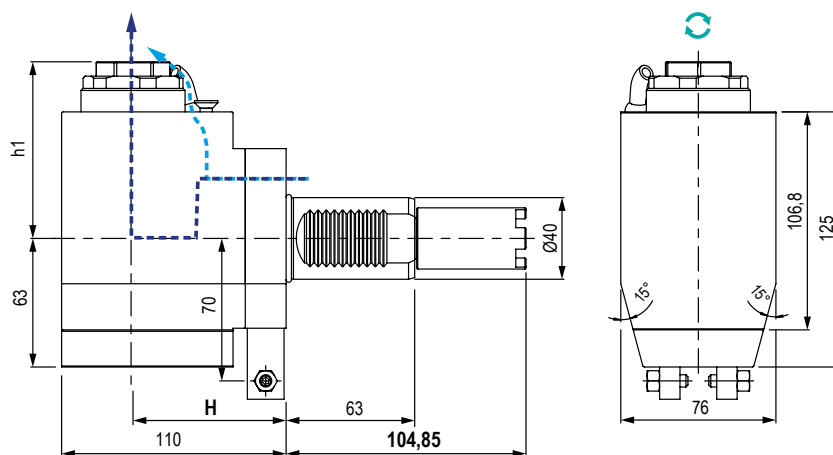
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**25 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code          | Output        | Int Cool. | H  | Nm | Rpm   | kw |  |
|---------------|---------------|-----------|----|----|-------|----|--|
| 99.HA.590083  | ER-32 - Ø2÷20 | NO        | 75 | 63 | 6.000 | 10 |  |
| 99.HA.590083B | ER-32 - Ø2÷20 | ✓         | 75 | 63 | 6.000 | 10 |  |

**5**

 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**25 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code          | Output        | Int Cool. | H  | h1       | Nm | Rpm   | kw |  |
|---------------|---------------|-----------|----|----------|----|-------|----|--|
| 99.HA.590085  | ER-32 - Ø2÷20 | NO        | 75 | Max 86,6 | 63 | 6.000 | 10 |  |
| 99.HA.590085B | ER-32 - Ø2÷20 | ✓         | 75 | Max 86,6 | 63 | 6.000 | 10 |  |

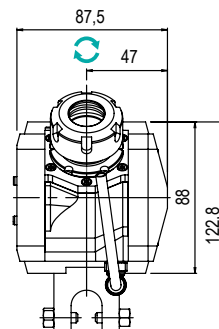
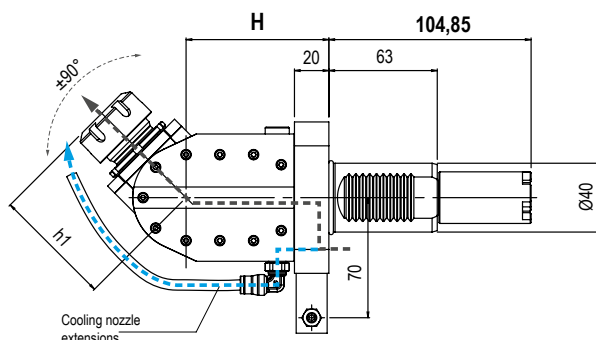
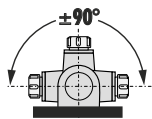


**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

HAAS

STANDARD VDI40 TURRET

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**L**  
**104,85**


TIPO - TYPE

 Orientabile  $\pm 90^\circ$   
 $\pm 90^\circ$  Adjustable


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

**25 bar**

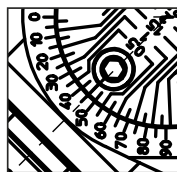

RATIO

**1:1**


ROTAZIONE - ROTATION

 Uguale al mandrino  
 Same as machine spindle

| Code       | Output        | Int Cool. | H  | h1       | Nm | Rpm   | kw |  |
|------------|---------------|-----------|----|----------|----|-------|----|--|
| 99.HA.00U1 | ER-25 - Ø1+16 | NO        | 81 | Max 69,3 | 25 | 6.000 | 10 |  |


**DETTAGLIO - DETAIL**

 Regolazione angolare decimale in manuale  
 Manual decimal angular adjustment

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

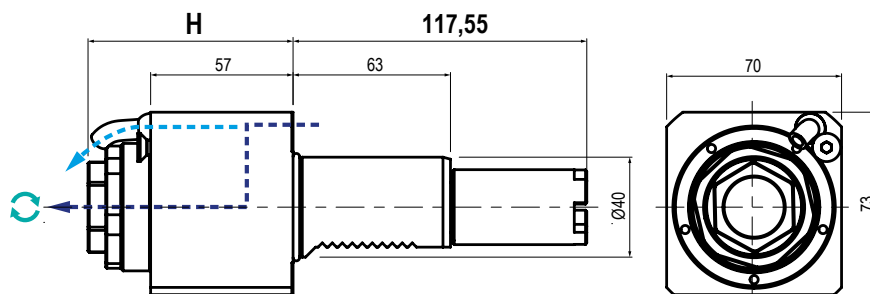
HAAS

STANDARD VDI40 TURRET

HYBRID TURRET

HAAS TURRET

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**L**  
**117,55**

 TIPO - TYPE  
**Assiale**  
 Axial

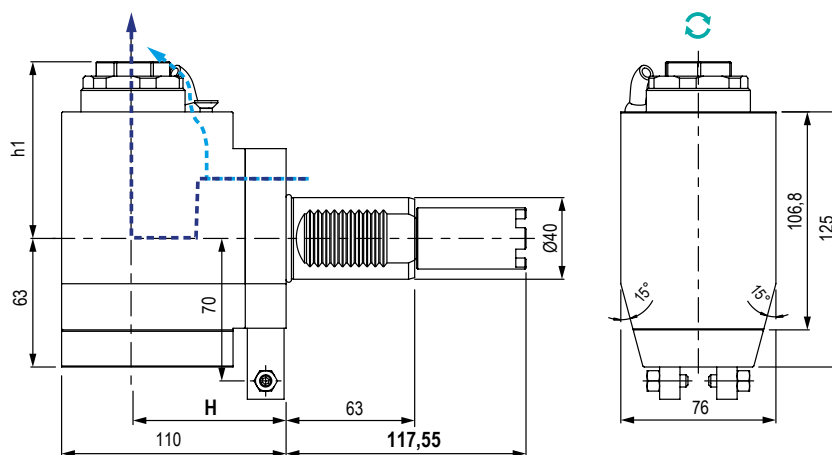
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**25 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code          | Output        | Int Cool. | H  | Nm | Rpm   | kw |  |
|---------------|---------------|-----------|----|----|-------|----|--|
| 99.HA.590082  | ER-32 - Ø2÷20 | NO        | 75 | 63 | 6.000 | 10 |  |
| 99.HA.590082B | ER-32 - Ø2÷20 | ✓         | 75 | 63 | 6.000 | 10 |  |

**5**

 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**25 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code          | Output        | Int Cool. | H  | h1       | Nm | Rpm   | kw |  |
|---------------|---------------|-----------|----|----------|----|-------|----|--|
| 99.HA.590084  | ER-32 - Ø2÷20 | NO        | 75 | Max 86,6 | 63 | 6.000 | 10 |  |
| 99.HA.590084B | ER-32 - Ø2÷20 | ✓         | 75 | Max 86,6 | 63 | 6.000 | 10 |  |

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

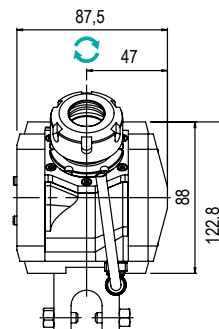
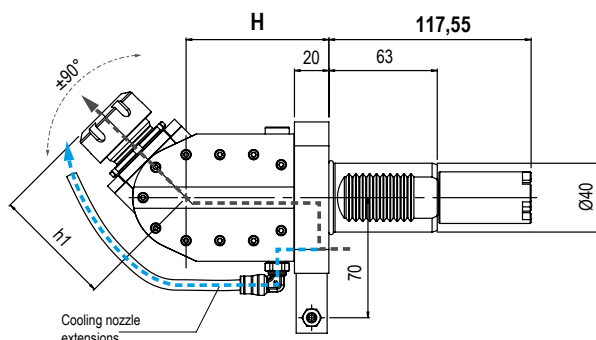
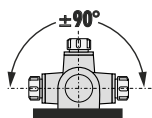
HAAS

STANDARD VDI40 TURRET

HYBRID TURRET

HAAS TURRET

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**L**  
**117,55**


TIPO - TYPE

 Orientabile  $\pm 90^\circ$   
 $\pm 90^\circ$  Adjustable


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

**25 bar**

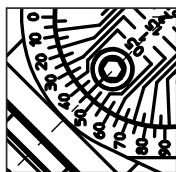

RATIO

**1:1**


ROTAZIONE - ROTATION

 Ugual al mandrino  
 Same as machine spindle

| Code        | Output        | Int Cool. | H  | h1       | Nm | Rpm   | kw |  |
|-------------|---------------|-----------|----|----------|----|-------|----|--|
| 99.HA.00U2  | ER-25 - Ø1+16 | NO        | 81 | Max 69,3 | 25 | 5.000 | 10 |  |
| 99.HA.00U2B | ER-25 - Ø1+16 | ✓         | 81 | Max 69,3 | 25 | 5.000 | 10 |  |


**DETTAGLIO - DETAIL**

 Regolazione angolare decimale in manuale  
 Manual decimal angular adjustment

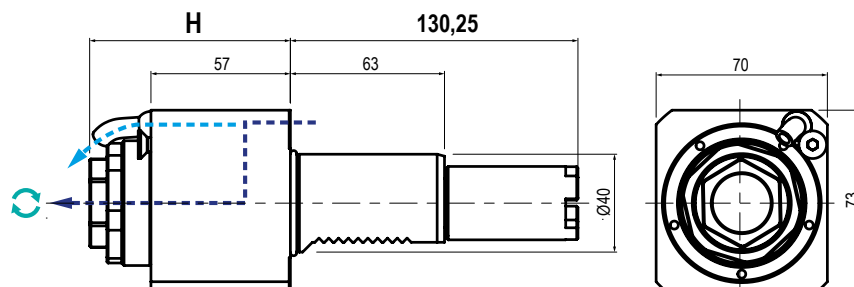
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

HAAS

HYBRID TURRET

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**L**  
**130,25**



TIPO - TYPE  
**Assiale**  
Axial



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**25 bar**



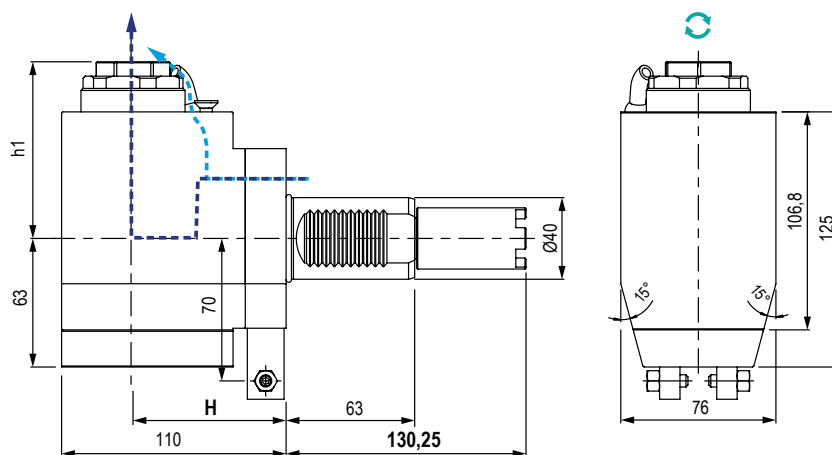
RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Uguale al mandrino**  
Same as machine spindle

| Code          | Output        | Int Cool. | H  | Nm | Rpm   | kw |  |
|---------------|---------------|-----------|----|----|-------|----|--|
| 99.HA.596352  | ER-32 - Ø2÷20 | NO        | 75 | 63 | 6.000 | 10 |  |
| 99.HA.596352B | ER-32 - Ø2÷20 | ✓         | 75 | 63 | 6.000 | 10 |  |

**5**



TIPO - TYPE  
**Radiale**  
Radial



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**25 bar**



RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Uguale al mandrino**  
Same as machine spindle

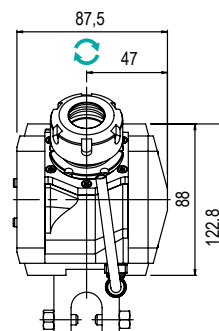
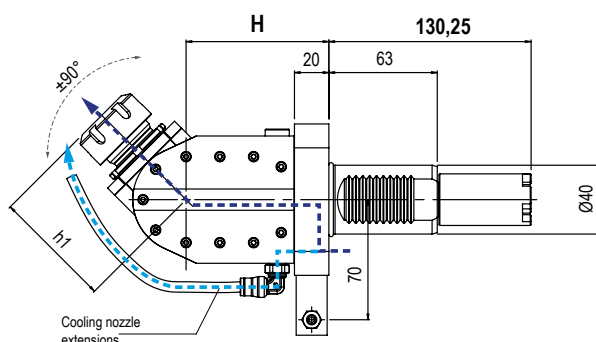
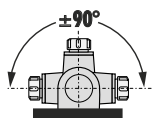
| Cod.          | Output        | Int Cool. | H  | h1       | Nm | Rpm   | kw |  |
|---------------|---------------|-----------|----|----------|----|-------|----|--|
| 99.HA.596353  | ER-32 - Ø2÷20 | NO        | 75 | Max 86,6 | 63 | 6.000 | 10 |  |
| 99.HA.596353B | ER-32 - Ø2÷20 | ✓         | 75 | Max 86,6 | 63 | 6.000 | 10 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

HAAS

HYBRID TURRET

**Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13**



**L**  
**130,25**



TIPO - TYPE

**Orientabile  $\pm 90^\circ$**   
 **$\pm 90^\circ$  Adjustable**



USCITA - OUTPUT

### Porta Pinza Collet Chuck

REFRIGERANTE  
COOLANT

**25 bar**



RATIO

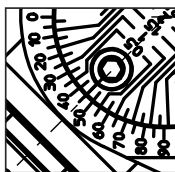
1:1



ROTAZIONE - ROTATION

**Uguale al mandrino**  
**Same as machine spindle**

| Code        | Output        | Int Cool. | H  | h1   | Nm | Rpm   | kw |  |
|-------------|---------------|-----------|----|------|----|-------|----|--|
| 99.HA.00U3B | ER-25 - Ø1÷16 | ✓         | 81 | 69,3 | 25 | 6.000 | 10 |  |



## DETTAGLIO - DETAIL

### Regolazione angolare decimale in manuale

#### Manual decimal angular adjustment

### MODELLI DI TORNIO COMPATIBILI COMPATIBLE LATHE TYPES

DOOSAN

GOODWAY

HAAS

HARDINGE

HWACHEON

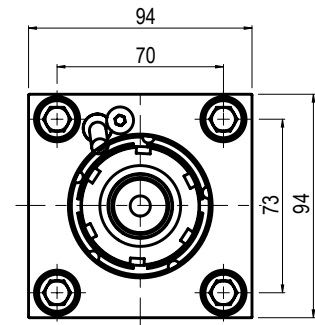
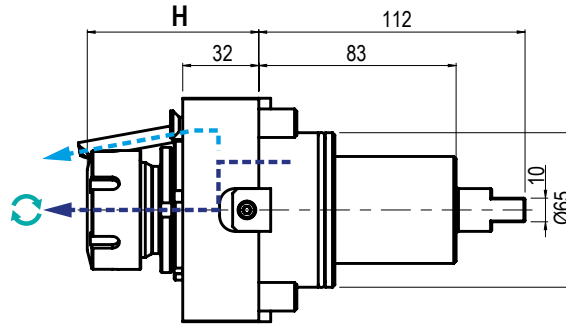
HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**65**



TIPO - TYPE

Assiale  
Axial

USCITA - OUTPUT

Porta Pinza  
Collet ChuckREFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool | H         | Nm | Rpm   | kw |  |
|-----------|---------------|----------|-----------|----|-------|----|--|
| 99.DS.A41 | ER-32 - Ø2+20 | NO       | 68,5÷72,2 | 70 | 6.000 | 10 |  |
| 99.DS.A42 | ER-32 - Ø2+20 | ✓        | 68,5÷72,2 | 70 | 6.000 | 10 |  |

\* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

DOOSAN

GOODWAY

**HAAS**

HARDINGE

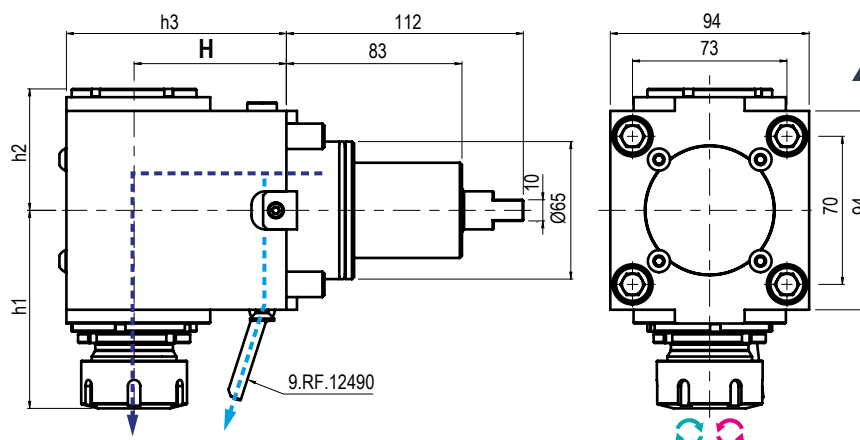
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**65**


TIPO - TYPE

**Radiale**  
 Radial


USCITA - OUTPUT

**Porta Pinza**  
 Collet Chuck
REFRIGERANTE  
COOLANT**80 bar**

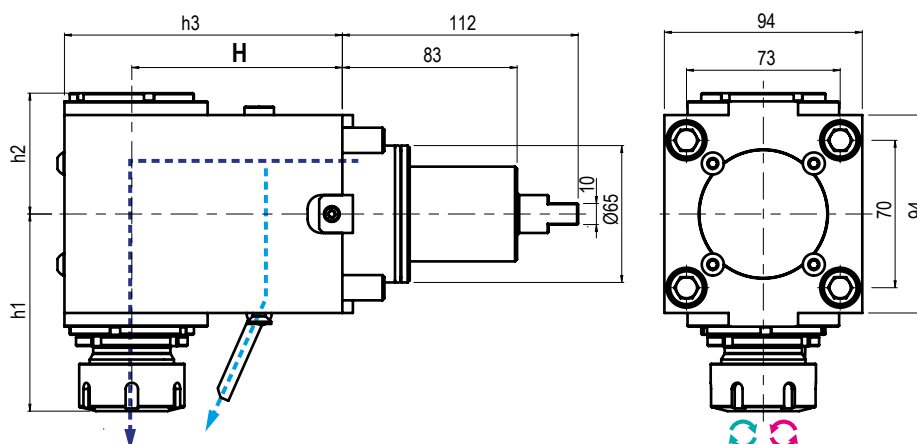
RATIO

**1:1**

ROTAZIONE - ROTATION

 Uguale / opposto al mandrino  
 Same / opposite as m. spindle

| Code       | * | Output        | Int Cool. | H  | h1        | h2       | h3  | Nm | Rpm   | kw |  |
|------------|---|---------------|-----------|----|-----------|----------|-----|----|-------|----|--|
| 99.DS.A51  |   | ER-32 - Ø2+20 | NO        | 72 | 89,9+93,6 | Max 57,4 | 104 | 70 | 6.000 | 10 |  |
| 99.DS.A51C |   |               |           |    |           |          |     |    |       |    |  |
| 99.DS.A52  |   | ER-32 - Ø2+20 | ✓         | 72 | 89,9+93,6 | Max 57,4 | 104 | 70 | 6.000 | 10 |  |
| 99.DS.A52C |   |               |           |    |           |          |     |    |       |    |  |



TIPO - TYPE

**Radiale**  
 Radial


USCITA - OUTPUT

**Porta Pinza**  
 Collet Chuck
REFRIGERANTE  
COOLANT**80 bar**

RATIO

**1:1**

ROTAZIONE - ROTATION

 Uguale / opposto al mandrino  
 Same / opposite as m. spindle

| Code       | * | Output        | Int Cool. | H   | h1        | h2   | h3  | Nm | Rpm   | kw |  |
|------------|---|---------------|-----------|-----|-----------|------|-----|----|-------|----|--|
| 99.DS.A73  |   | ER-32 - Ø2+20 | NO        | 100 | 89,9+93,6 | 57,4 | 132 | 70 | 6.000 | 10 |  |
| 99.DS.A73C |   |               |           |     |           |      |     |    |       |    |  |
| 99.DS.A74  |   | ER-32 - Ø2+20 | ✓         | 100 | 89,9+93,6 | 63,4 | 132 | 70 | 6.000 | 10 |  |
| 99.DS.A74C |   |               |           |     |           |      |     |    |       |    |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle



**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

DOOSAN

GOODWAY

**HAAS**

HARDINGE

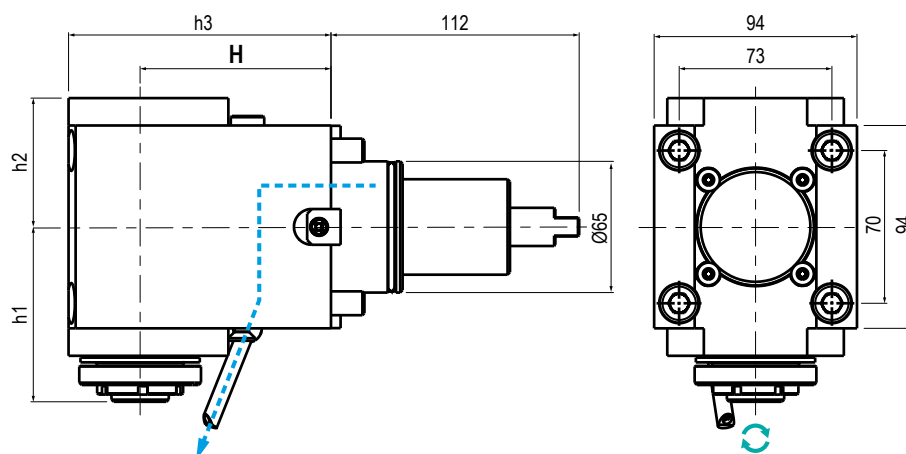
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**65**


TIPO - TYPE

 Radiale  
 Radial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck
REFRIGERANTE  
COOLANT
 Esterno  
 External

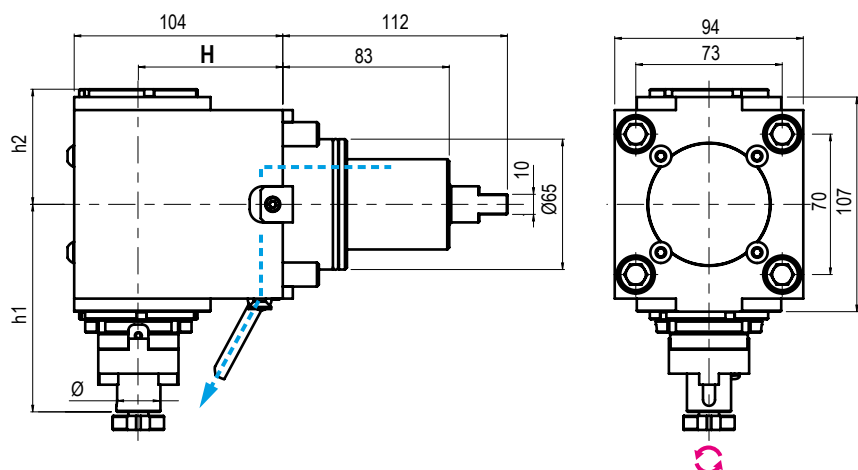

RATIO

 1:2  
 1:4


ROTAZIONE - ROTATION

 Uguale al mandrino  
 Same as machine spindle

| Code      | Output          | Int Cool. | H  | h1        | h2   | h3  | Nm | Rpm    | kw |  |
|-----------|-----------------|-----------|----|-----------|------|-----|----|--------|----|--|
| 99.DS.A30 | ER-20 EF- Ø1÷13 | NO        | 72 | 89,9+93,6 | 57,4 | 112 | 20 | 24.000 | 8  |  |

**5**


TIPO - TYPE

 Radiale  
 Radial


USCITA - OUTPUT

 Porta Fresa  
 Shell End Milling Cutter
REFRIGERANTE  
COOLANT
 Esterno  
 External


RATIO

1:1



ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite as m. spindle

| Code       | Output | Int Cool. | H   | h1    | h2   | Nm | Rpm   | kw |  |
|------------|--------|-----------|-----|-------|------|----|-------|----|--|
| 99.DS.A62  | Ø22    | NO        | 72  | 103,5 | 57,4 | 70 | 6.000 | 10 |  |
| 99.DS.A111 | Ø22    | NO        | 100 | 103,5 | 57,4 | 70 | 6.000 | 10 |  |

 \* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

DOOSAN

GOODWAY

**HAAS**

HARDINGE

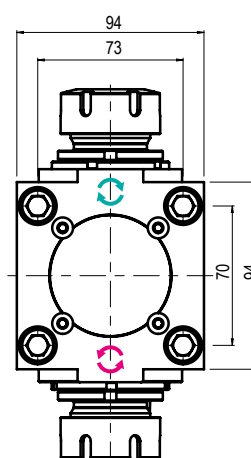
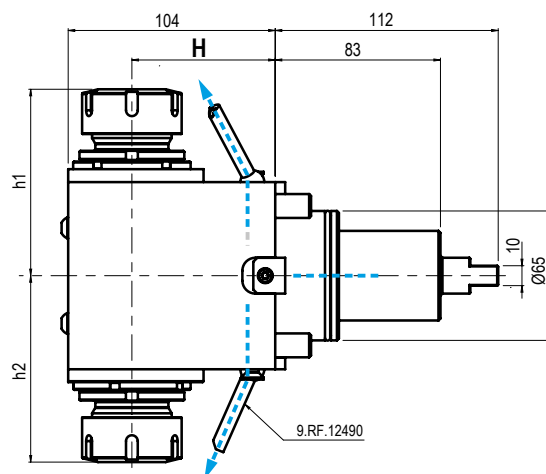
HWACHEON

HYUNDAI WIA

SAMSUNG

VICTOR

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**65**


TIPO - TYPE

**Doppio Radiale**  
Double Radial


USCITA - OUTPUT

**Porta Pinza**  
Collet Chuck


REFRIGERANTE

COOLANT

**Esterno**  
External

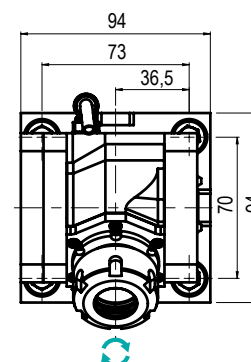
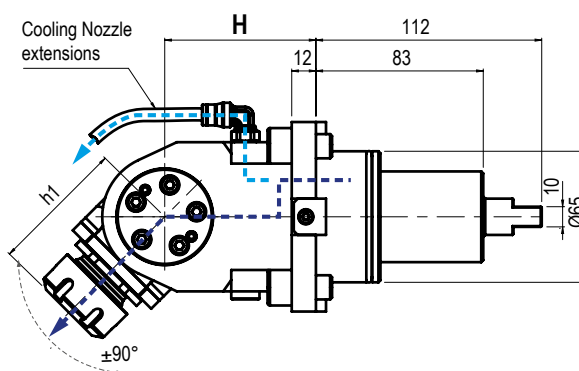
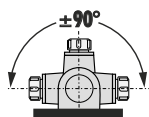

RATIO

**1:1**

ROTAZIONE - ROTATION

**Uguale / opposto al mandrino**  
Same / opposite as m. spindle

| Code      | Output           | Int Cool. | H   | h1      | h2       | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|-----|---------|----------|----|-------|----|--|
| 99.DS.A31 | ER-32-32 - Ø2+20 | NO        | 72  | 93+93,6 | Max 93,6 | 70 | 6.000 | 10 |  |
| 99.DS.A78 | ER-32-32 - Ø2+20 | NO        | 100 | 93+93,6 | 93+93,6  | 70 | 6.000 | 10 |  |



TIPO - TYPE

**Orientabile ±90°**  
±90° Adjustable


USCITA - OUTPUT

**Portapinza**  
Collet Chuck


REFRIGERANTE

COOLANT

**80 bar**

RATIO

**1:1**

ROTAZIONE - ROTATION

**Uguale al mandrino**  
Same as machine spindle

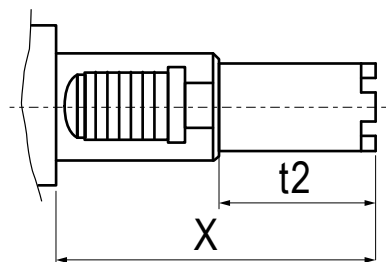
| Code      | Output        | Int Cool. | H  | h1        | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|----|-------|----|--|
| 99.DS.A64 | ER-25 - Ø1+16 | NO        | 75 | 63,5+67,2 | 25 | 6.000 | 4  |  |
| 99.DS.A65 | ER-25 - Ø1+16 | ✓         | 75 | 63,5+67,2 | 25 | 6.000 | 4  |  |

\* N.B:  Rotazione uguale al mandrino - Rotation same as machine spindle

 Rotazione opposta al mandrino - Rotation opposite as machine spindle

## ACCESSORI HAAS

### HAAS ACCESSORIES



#### Presa di moto intercambiabile per le varie tipologie di torrette HAAS

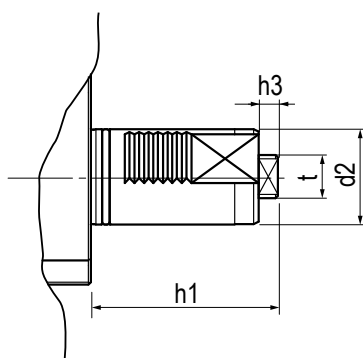
Interchangeable couplings for the different HAAS turret

| Code        | t2    | X      |  |
|-------------|-------|--------|--|
| 99.HA.00001 | 41,85 | 104,85 |  |
| 99.HA.00002 | 54,55 | 117,55 |  |
| 99.HA.00003 | 67,25 | 130,25 |  |

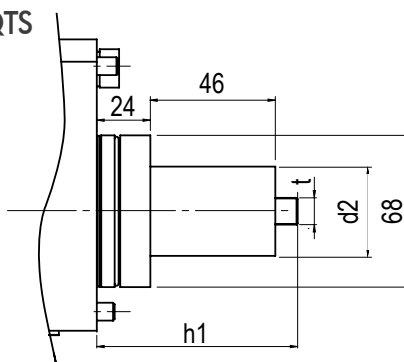


**Uscita - Output**  
**C. ISO26623**  
DISPONIBILI SU RICHIESTA  
AVAILABLE ON REQUEST

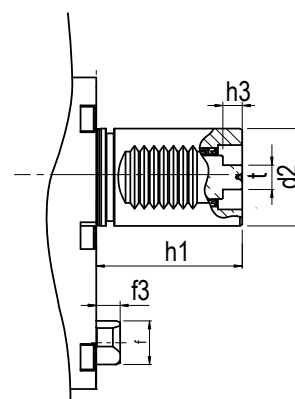
**QTN**



**QTS**



**HQ**



| Type | d2  | h1 | h3 | t  | f   | f3  |
|------|-----|----|----|----|-----|-----|
| QTN1 | Ø40 | 61 | 1  | 10 | -   | -   |
| QTN2 | Ø40 | 70 | 8  | 18 | -   | -   |
| QTN3 | Ø50 | 75 | 10 | 12 | -   | -   |
| QTS  | Ø40 | 90 | -  | 12 | -   | -   |
| HQ   | Ø40 | 60 | 8  | 10 | Ø20 | 9,8 |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS



**DOTAZIONE STANDARD**  
**STANDARD EQUIPMENT**

Chiave bloccaggio albero / ugello refrigerazione /  
vite bloccaggio ugello / O-ring  
Shaft lock wrench / cooling nozzle / nozzle lock screws  
/ O-ring



**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
**MODULAR QUICK CHANGE** See page 7.12 - 7.15

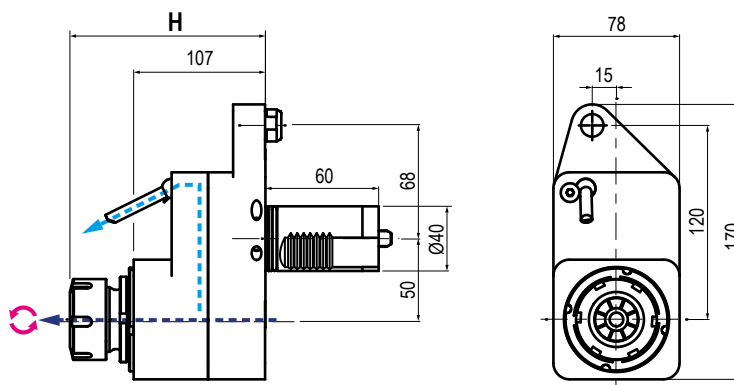
Facile e veloce sistema modulare per il cambio rapido delle  
diverse tipologie di portautensili con la sede dell'utensile per  
pinza ER (DIN6499).  
Modular toolholder system for the fitting of toolholders in  
a spindle unit with ER collets (DIN6499) outputs.

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**QTN 100**  
**SQT10 - 100/150** 12 Station Turret

**QTN 200/250**  
**SQT15/18 - 200/250** 16 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**1**

**TIPO - TYPE**  
Disassato  
Offset-Axis

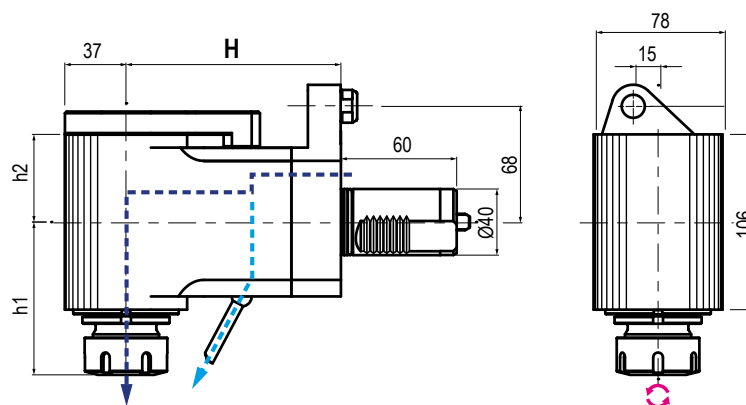
**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE**  
**COOLANT**  
**80 bar**

**RATIO**  
**1:1**

**ROTAZIONE - ROTATION**  
Opposto al mandrino  
Opposite to machine spindle

| Code      | OEM Ref                        | Output        | Int Cool. | H           | Nm | Rpm   |  |
|-----------|--------------------------------|---------------|-----------|-------------|----|-------|--|
| 99.MZ.A40 | - 53548030200<br>- 53108020100 | ER-25 - Ø1+16 | NO        | 116,2 ÷ 120 | 50 | 6.000 |  |
| 99.MZ.A41 | -                              | ER-25 - Ø1+16 | ✓         | 116,2 ÷ 120 | 63 | 6.000 |  |

**5**

**TIPO - TYPE**  
Radiale  
Radial

**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE**  
**COOLANT**  
**80 bar**

**RATIO**  
**1:1**

**ROTAZIONE - ROTATION**  
Opposto al mandrino  
Opposite to machine spindle

| Code      | OEM Ref                                          | Output        | Int Cool. | H   | h1          | h2 | Nm | Rpm   |  |
|-----------|--------------------------------------------------|---------------|-----------|-----|-------------|----|----|-------|--|
| 99.MZ.A46 | - 53248030303<br>- 535280110102<br>- 53108020200 | ER-25 - Ø1+16 | NO        | 100 | 90,1 ÷ 93,8 | 53 | 50 | 6.000 |  |
| 99.MZ.A47 | -                                                | ER-25 - Ø1+16 | ✓         | 100 | 90,1 ÷ 93,8 | 53 | 50 | 6.000 |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES



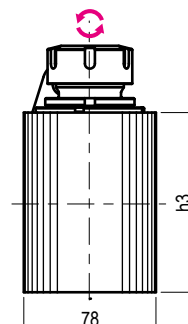
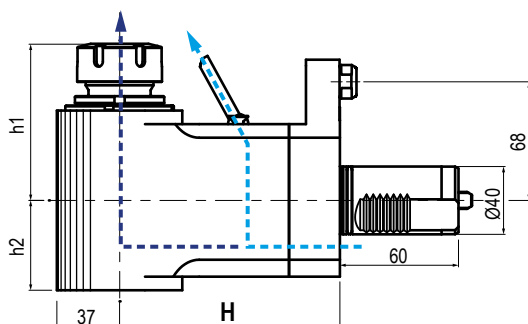
QTN 100  
SQT10 - 100/150 12 Station Turret



QTN 200/250  
SQT15/18 - 200/250 16 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**1**



TIPO - TYPE  
**Radiale Rovesciato**  
Radial Upside Down



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**80 bar**

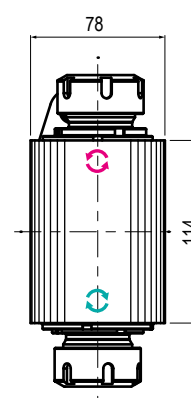
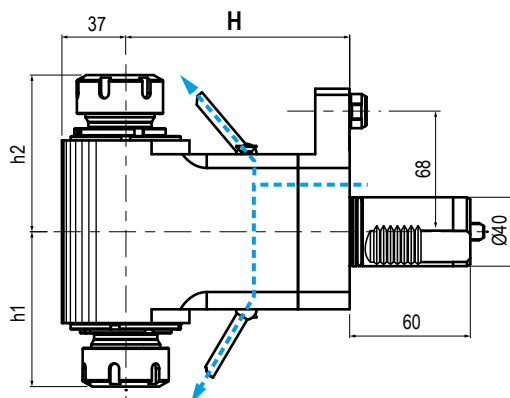


RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Opposto al mandrino**  
Opposite to machine spindle

| Code      | OEM Ref      | Output        | Int Cool. | H   | h1          | h2 | h3  | Nm | Rpm   |  |
|-----------|--------------|---------------|-----------|-----|-------------|----|-----|----|-------|--|
| 99.MZ.A48 | -53548010301 | ER-25 - Ø1÷16 | NO        | 100 | 90,1 ÷ 93,8 | 53 | 110 | 63 | 6.000 |  |
| 99.MZ.A49 | -            | ER-25 - Ø1÷16 | ✓         | 100 | 90,1 ÷ 93,8 | 53 | 124 | 63 | 6.000 |  |



TIPO - TYPE  
**Radiale Doppio**  
Double Radial



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**Esterno**  
External



RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Uguale ed opposto al mandrino**  
Same and opposite as m. spindle

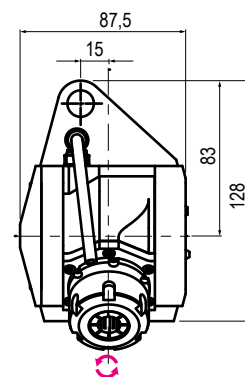
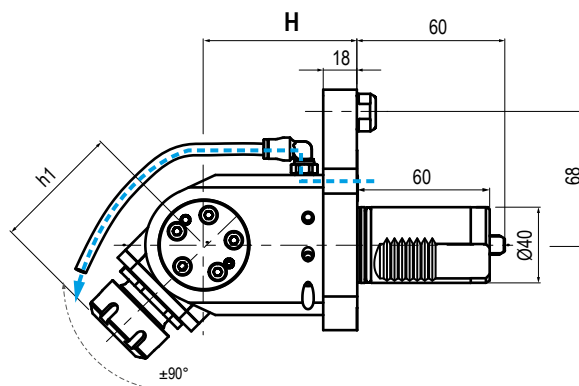
| Code      | OEM Ref | Output           | Int Cool. | H   | h1          | h2          | Nm | Rpm   |  |
|-----------|---------|------------------|-----------|-----|-------------|-------------|----|-------|--|
| 99.MZ.A55 | -       | ER-25-25 - Ø1÷16 | NO        | 100 | 90,1 ÷ 93,8 | 90,1 ÷ 93,8 | 63 | 6.000 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

**QTN 100**  
**SQT10 - 100/150** 12 Station Turret

**QTN 200/250**  
**SQT15/18 - 200/250** 16 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**1**

 TIPO - TYPE  
 Orientabile  $\pm 90^\circ$   
 $\pm 90^\circ$  Adjustable

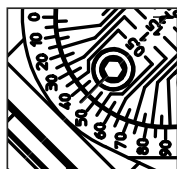
 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 Esterno  
 External

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

| Code      | OEM Ref. | Output        | Int Cool. | H  | h1       | Nm | Rpm   |  |
|-----------|----------|---------------|-----------|----|----------|----|-------|--|
| 99.MZ.A56 | -        | ER-20 - Ø1+13 | NO        | 85 | Max 67,5 | 63 | 6.000 |  |



## DETTAGLIO - DETAIL

 Regolazione angolare decimale in manuale  
 Manual decimal angular adjustment



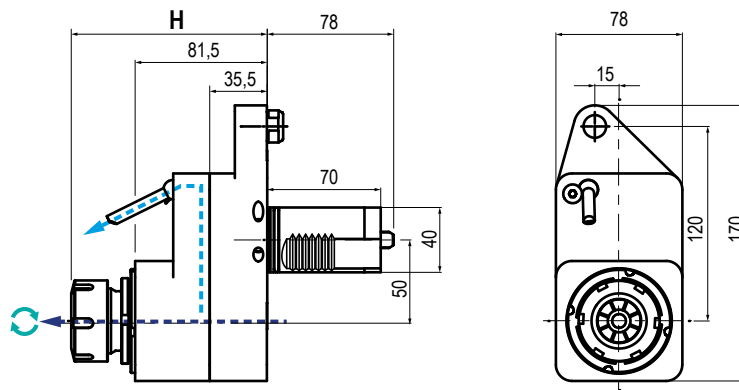
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES



QTN 200/250  
SQT 15/18 - 200/250 12 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**2**



TIPO - TYPE

Disassato  
Offset-Axis



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

80 bar



RATIO

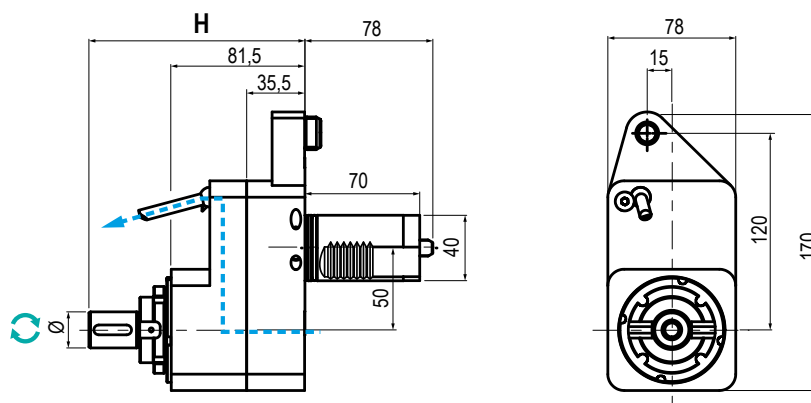
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | OEM Ref.     | Output       | Int Cool. | H         | Nm | Rpm   |  |
|-----------|--------------|--------------|-----------|-----------|----|-------|--|
| 99.MZ.A58 | -53208020102 | ER32 - Ø2÷20 | NO        | 116,2÷120 | 80 | 6.000 |  |
| 99.MZ.A59 | -            | ER32 - Ø2÷20 | ✓         | 116,2÷120 | 80 | 6.000 |  |



TIPO - TYPE

Disassato  
Offset-Axis



USCITA - OUTPUT

Porta Fresa  
Shell End Milling Cutter



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

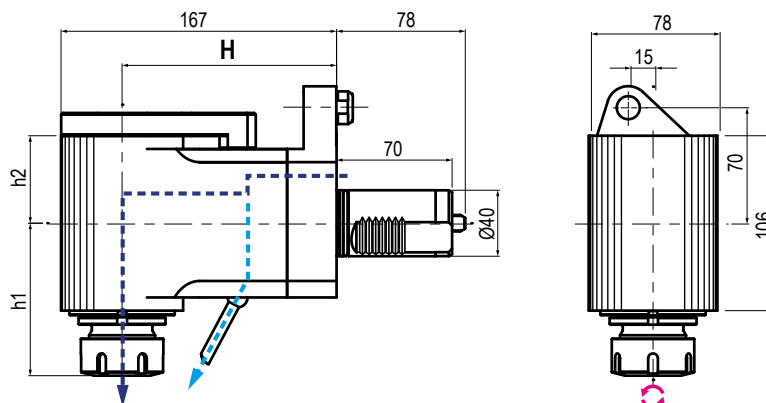
| Code      | Output | Int Cool. | H   | Nm | Rpm   |  |
|-----------|--------|-----------|-----|----|-------|--|
| 99.MZ.A69 | Ø22    | NO        | 132 | 80 | 6.000 |  |

\* N.B: Motorizzati QTN 2, per torni QTN 200/250, SOLO su torretta a 12 stazioni - QTN 2 Driven tools, for QTN 200/250 lathes ONLY on 12 station turret

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

 QTN 200/250  
 SQT 15/18 - 200/250 12 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**2**

 TIPO - TYPE  
 Radiale  
 Radial

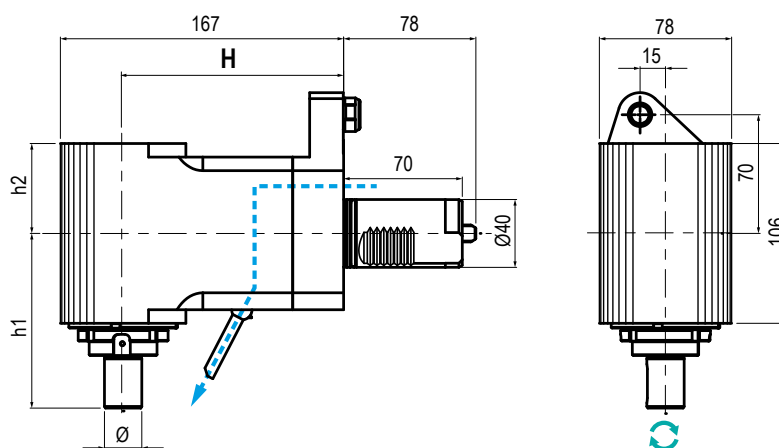
 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 100 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

| Code      | OEM Ref.                     | Output       | Int Cool. | H   | h1        | h2 | Nm | Rpm   |  |
|-----------|------------------------------|--------------|-----------|-----|-----------|----|----|-------|--|
| 99.MZ.A65 | -53628010701<br>-53208020202 | ER32 - Ø2+20 | NO        | 130 | 90,1+93,8 | 53 | 80 | 6.000 |  |
| 99.MZ.A66 | -                            | ER32 - Ø2+20 | ✓         | 130 | 90,1+93,8 | 53 | 80 | 6.000 |  |

**5**

 TIPO - TYPE  
 Radiale  
 Radial

 USCITA - OUTPUT  
 Porta Fresa  
 Shell End Milling Cutter

 REFRIGERANTE  
 COOLANT  
 Esterno  
 External

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output | Int Cool. | H   | h1  | h2 | Nm | Rpm   |  |
|-----------|--------|-----------|-----|-----|----|----|-------|--|
| 99.MZ.A62 | Ø22    | NO        | 130 | 103 | 53 | 80 | 6.000 |  |

\* N.B: Motorizzati QTN 2, per torni QTN 200/250, SOLO su torretta a 12 stazioni - QTN 2 Driven tools, for QTN 200/250 lathes ONLY on 12 station turret

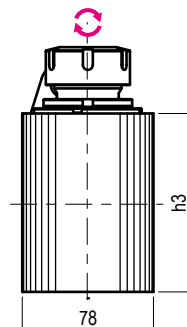
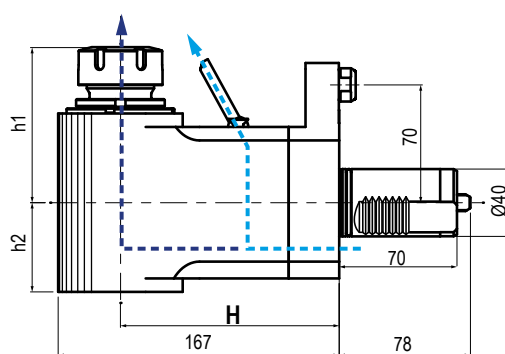
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES



QTN 200/250  
SQT 15/18 - 200/250 12 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**2**



TIPO - TYPE  
**Radiale Rovesciato**  
Radial Upside Down



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**80 bar**

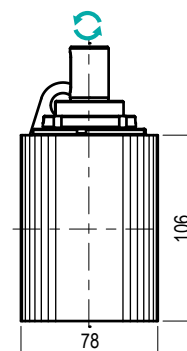
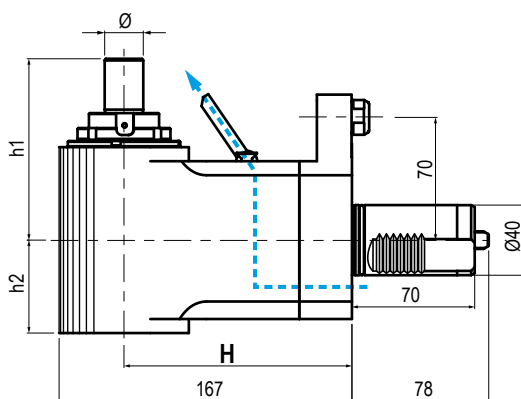


RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Opposto al mandrino**  
Opposite to machine spindle

| Code      | Output       | Int Cool | H   | h1        | h2 | h3  | Nm | Rpm   |  |
|-----------|--------------|----------|-----|-----------|----|-----|----|-------|--|
| 99.MZ.A67 | ER-32- Ø2÷20 | NO       | 130 | 90,1÷93,8 | 53 | 110 | 80 | 6.000 |  |
| 99.MZ.A68 | ER-32- Ø2÷20 | ✓        | 130 | 90,1÷93,8 | 53 | 124 | 80 | 6.000 |  |



TIPO - TYPE  
**Radiale Rovesciato**  
Radial Upside Down



USCITA - OUTPUT  
**Porta Fresa**  
Shell End Milling Cutter



REFRIGERANTE  
COOLANT  
**Esterno**  
External



RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Uguale al mandrino**  
Same as machine spindle

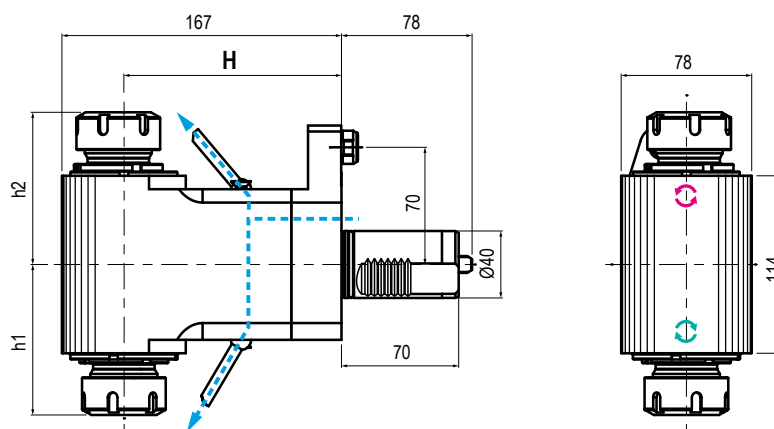
| Code      | Output | Int Cool. | H   | h1 | h2  | Nm | Rpm   |  |
|-----------|--------|-----------|-----|----|-----|----|-------|--|
| 99.MZ.A63 | Ø22    | NO        | 130 | 53 | 103 | 80 | 6.000 |  |

\* N.B: Motorizzati QTN 2, per torni QTN 200/250, SOLO su torretta a 12 stazioni - QTN 2 Driven tools, for QTN 200/250 lathes ONLY on 12 station turret

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

**QTN 200/250**  
**SQT 15/18 - 200/250 12 Station Turret**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**2**

 TIPO - TYPE  
**Radiale Doppio**  
 Double Radial

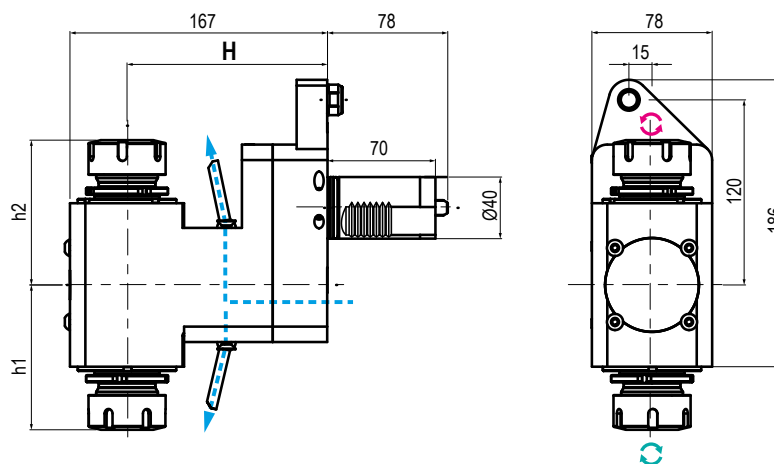
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale ed opposto al mandrino  
 Same and opposite as m. spindle

| Code      | OEM Ref.                     | Output           | Int Cool. | H   | h1        | h2        | Nm | Rpm   |  |
|-----------|------------------------------|------------------|-----------|-----|-----------|-----------|----|-------|--|
| 99.MZ.A73 | -53208011600<br>-53628011000 | ER-32-32 - Ø2÷20 | NO        | 130 | 90,1÷93,8 | 90,1÷93,8 | 80 | 6.000 |  |

**5**

 TIPO - TYPE  
**Doppio Arretrato**  
 Double Rear Offset

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale ed opposto al mandrino  
 Same and opposite as m. spindle

| Code      | Output           | Int Cool. | H   | h1        | h2        | Nm | Rpm   |  |
|-----------|------------------|-----------|-----|-----------|-----------|----|-------|--|
| 99.MZ.A70 | ER-32-32 - Ø2÷20 | NO        | 130 | 90,1÷93,8 | 90,1÷93,8 | 80 | 6.000 |  |

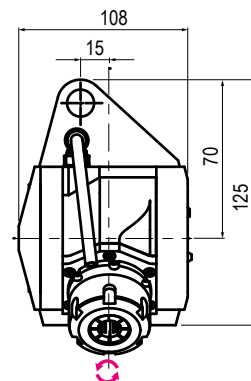
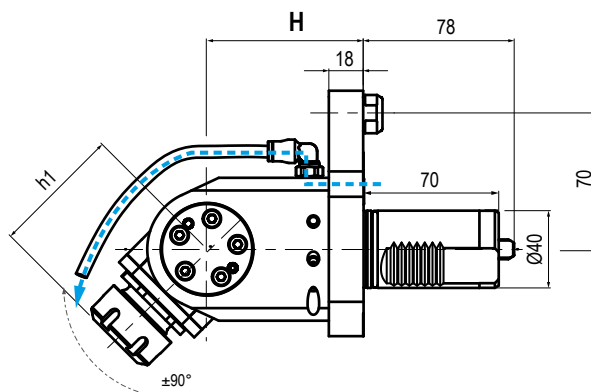
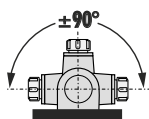
\* N.B: Motorizzati QTN 2, per torni QTN 200/250, SOLO su torretta a 12 stazioni - QTN 2 Driven tools, for QTN 200/250 lathes ONLY on 12 station turret

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES



QTN 200/250  
SQT 15/18 - 200/250 12 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



**QTN**  
**2**



TIPO - TYPE

Orientabile  $\pm 90^\circ$   
 $\pm 90^\circ$  Adjustable



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

Opposto al mandrino  
Opposite to machine spindle

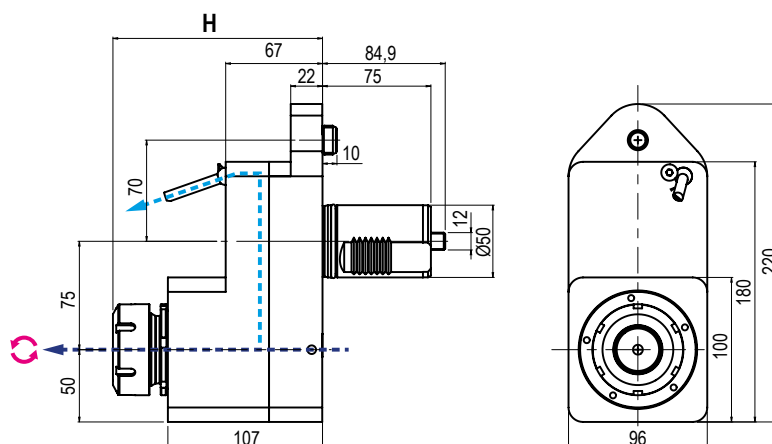
| Code      | Output        | Int Cool. | H  | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|-------|--|
| 99.MZ.A74 | ER-25 - Ø1+16 | NO        | 85 | 80 | 6.000 |  |
| 99.MZ.A64 | ER-25 - Ø1+16 | ✓         | 85 | 80 | 6.000 |  |

\* N.B: Motorizzati QTN 2, per torni QTN 200/250, SOLO su torretta a 12 stazioni - QTN 2 Driven tools, for QTN 200/250 lathes ONLY on 12 station turret

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

QTN 300 / 350 / 400 / 450 - SQT 28/30 - 300

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**3**


TIPO - TYPE

 Disassato  
 Offset-Axis


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

80 bar



RATIO

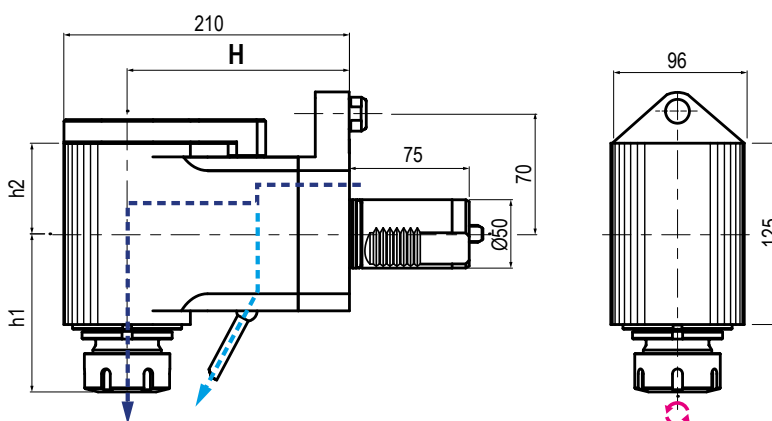
1:1



ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

| Code      | OEM Ref.                     | Output        | Int Cool. | H    | Nm  | Rpm   |  |
|-----------|------------------------------|---------------|-----------|------|-----|-------|--|
| 99.MZ.A71 | -                            | ER-40 - Ø3+30 | NO        | 145  | 100 | 4.000 |  |
| 99.MZ.A72 | -                            | ER-40 - Ø3+30 | ✓         | 145  | 100 | 4.000 |  |
| 99.MZ.A76 | -53308020604<br>-53828002002 | ISO-40        | NO        | 92,5 | 100 | 4.000 |  |
| 99.MZ.A79 | -                            | ISO-40        | ✓         | 125  | 100 | 4.000 |  |

**5**


TIPO - TYPE

 Radiale  
 Radial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

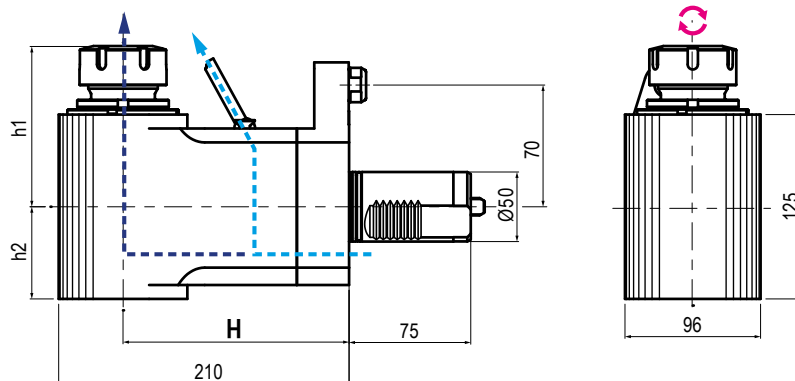
| Code      | OEM Ref.     | Output        | Int Cool. | H   | h1 | h2  | Nm  | Rpm   |  |
|-----------|--------------|---------------|-----------|-----|----|-----|-----|-------|--|
| 99.MZ.A75 | -            | ER-40 - Ø3+30 | NO        | 160 | -  | 86  | 100 | 4.000 |  |
| 99.MZ.A81 | -            | ER-40 - Ø3+30 | ✓         | 160 | -  | 115 | 100 | 4.000 |  |
| 99.MZ.A77 | -53308020101 | ISO-40        | NO        | 160 | 73 | 86  | 100 | 4.000 |  |
| 99.MZ.A78 | -            | ISO-40        | ✓         | 160 | 73 | 115 | 100 | 4.000 |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

QTN 300 / 350 / 400 / 450 - SQT 28/30 - 300

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**3**



TIPO - TYPE

**Radiale Rovesciato**  
**Radial Upside Down**



USCITA - OUTPUT

**Porta Pinza**  
**Collet Chuck**



REFRIGERANTE  
COOLANT

**80 bar**



RATIO

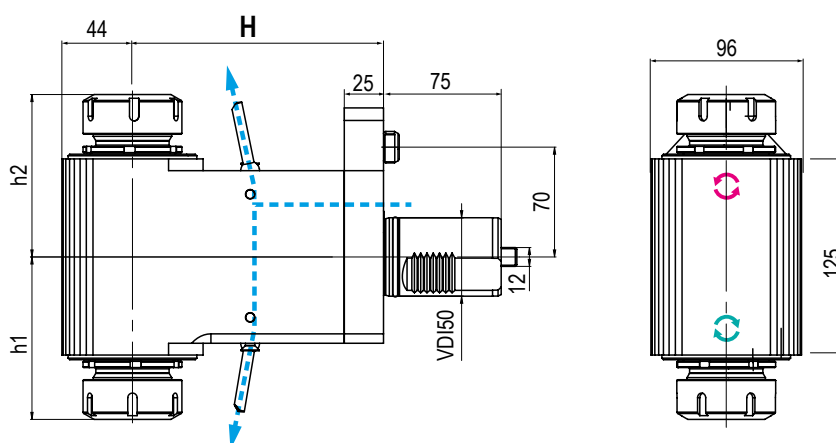
**1:1**



ROTAZIONE - ROTATION

**Opposto al mandrino**  
**Opposite to machine spindle**

| Code      | OEM Ref. | Output        | Int Cool. | H   | h1 | h2 | Nm  | Rpm   |  |
|-----------|----------|---------------|-----------|-----|----|----|-----|-------|--|
| 99.MZ.A82 | -        | ER-40 - Ø3+30 | NO        | 160 | -  | 86 | 100 | 4.000 |  |



TIPO - TYPE

**Radiale Doppio**  
**Double Radial**



USCITA - OUTPUT

**Porta Pinza**  
**Collet Chuck**



REFRIGERANTE  
COOLANT

**Esterno**  
**External**



RATIO

**1:1**



ROTAZIONE - ROTATION

**Ugual ed opposto al mandrino**  
**Same and opposite as m. spindle**

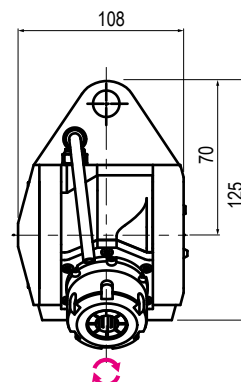
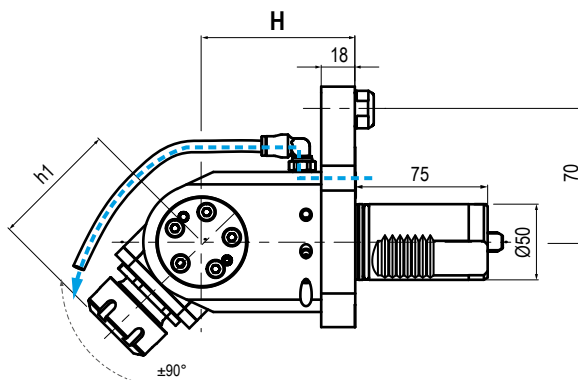
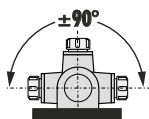
| Cod.      | OEM Ref. | Output           | Int Cool. | H   | Nm  | Rpm   |  |
|-----------|----------|------------------|-----------|-----|-----|-------|--|
| 99.MZ.A84 | -        | ER-40-40 - Ø3+30 | NO        | 160 | 100 | 4.000 |  |



MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

QTN 300 / 350 / 400 / 450 - SQT 28/30 - 300

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTN**  
**3**


TIPO - TYPE

 Orientabile  $\pm 90^\circ$   
 $\pm 90^\circ$  Adjustable


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

 Esterno  
 External


RATIO

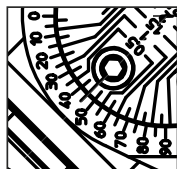
1:1



ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

| Code      | OEM Ref. | Output                            | Int Cool. | H  | h1   | Nm  | Rpm   |  |
|-----------|----------|-----------------------------------|-----------|----|------|-----|-------|--|
| 99.MZ.A80 | -        | ER-32 - $\varnothing 2 \times 20$ | NO        | 85 | 67,5 | 100 | 4.000 |  |



### DETTAGLIO - DETAIL

 Regolazione angolare decimale in manuale  
 Manual decimal angular adjustment

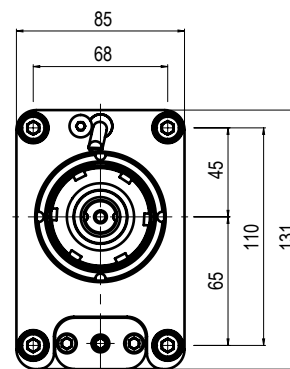
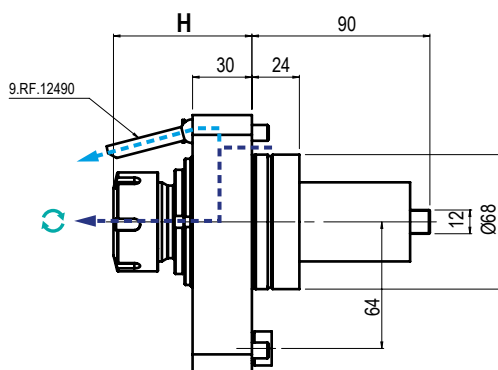
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

QT / QTS 100 / 250M  
MY / MS / MSY

QT 200 / 250 M  
MY / MS / MSY

QTC / QTU 100 - 350M  
MY / MS / MSY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTS**  
**1**


TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

80 bar



RATIO

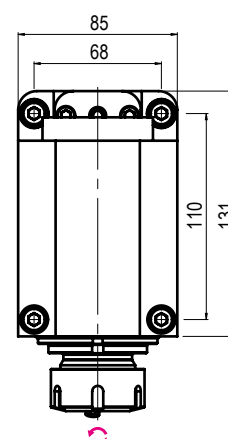
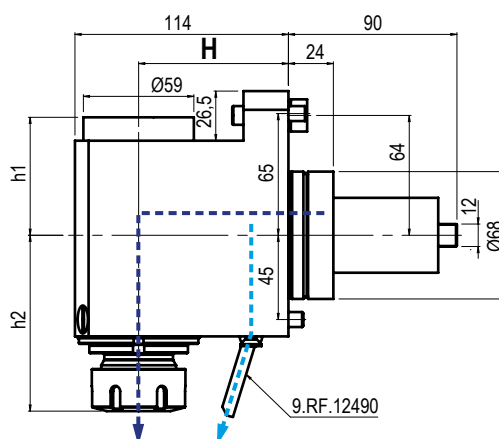
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|----|-------|----|--|
| 99.MZ.A03 | ER-32 - Ø2+20 | NO        | 70 | 60 | 6.000 | 10 |  |
| 99.MZ.A06 | ER-32 - Ø2+20 | ✓         | 70 | 60 | 6.000 | 10 |  |



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

Opposto al mandrino  
Opposite to machine spindle

| Code      | Output        | Int Cool. | H  | h1   | h2   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|------|------|----|-------|----|--|
| 99.MZ.A09 | ER-32 - Ø2+20 | NO        | 80 | 93,9 | 50,5 | 60 | 6.000 | 10 |  |
| 99.MZ.A10 | ER-32 - Ø2+20 | ✓         | 80 | 93,9 | 63   | 60 | 6.000 | 10 |  |

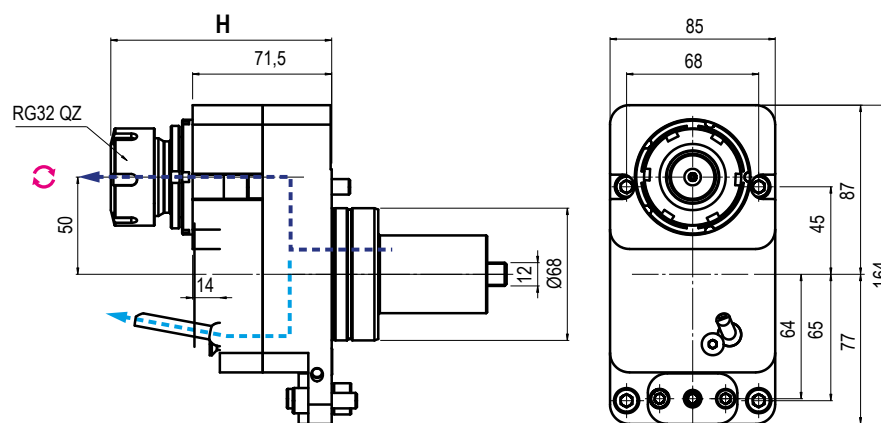
MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

 QT / QTS 100 / 250M  
 MY / MS / MSY

 QT 200 / 250 M  
 MY / MS / MSY

 QTC / QTU 100 - 350M  
 MY / MS / MSY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTS**  
**1**

 TIPO - TYPE  
 Disassato  
 Offset-Axis

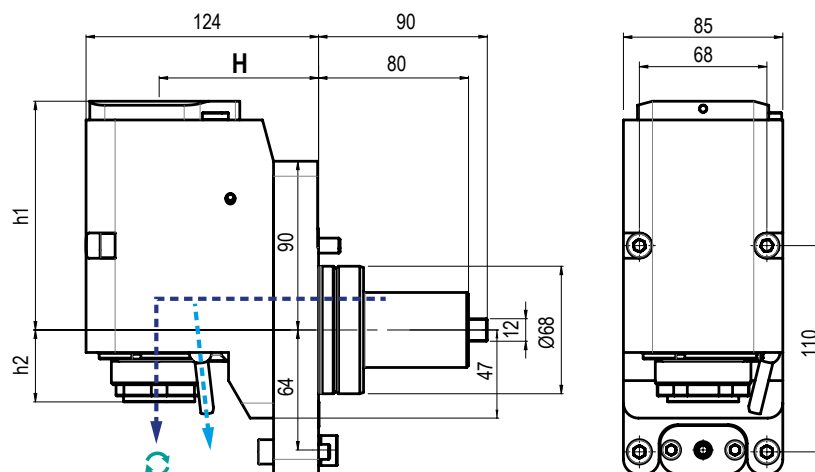
 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

| Code      | Output        | Int Cool. | H         | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----------|----|-------|----|--|
| 99.MZ.A04 | ER-32 - Ø2÷20 | NO        | MAX 113,5 | 60 | 6.000 | 10 |  |
| 99.MZ.A05 | ER-32 - Ø2÷20 | ✓         | MAX 113,5 | 60 | 6.000 | 10 |  |

**5**

 TIPO - TYPE  
 Arretrato  
 Rear Offset

 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Uguaile al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1  | h2       | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----|----------|----|-------|----|--|
| 99.MZ.A17 | ER-32 - Ø2÷20 | NO        | 85 | 122 | Max 38,4 | 60 | 6.000 | 10 |  |
| 99.MZ.A18 | ER-32 - Ø2÷20 | ✓         | 85 | 122 | Max 38,4 | 60 | 6.000 | 10 |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

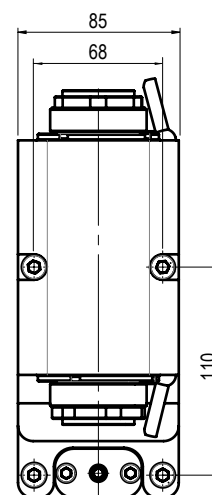
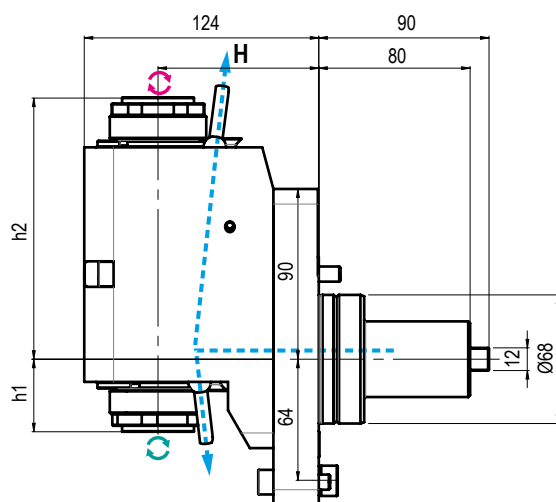
QT / QTS 100 / 250M  
MY / MS / MSY

QT 200 / 250 M  
MY / MS / MSY

QTC / QTU 100 - 350M  
MY / MS / MSY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**QTS**  
**1**



TIPO - TYPE  
**Arretrato doppio**  
Rear double Offset



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**Esterno**  
External

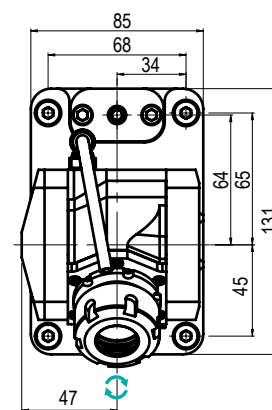
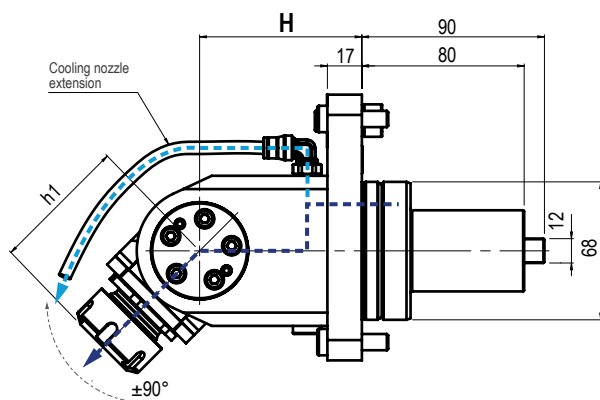
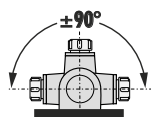


RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Uguale ed opposto al mandrino**  
Same and opposite as m. spindle

| Code      | Output        | Int Cool. | H  | h1        | h2       | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|----------|----|-------|----|--|
| 99.MZ.A13 | ER-32 - Ø2+20 | NO        | 85 | MAX 138,1 | Max 38,4 | 60 | 6.000 | 10 |  |



TIPO - TYPE  
**Orientabile ±90°**  
±90° Adjustable



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**80 bar**



RATIO  
**1:1**



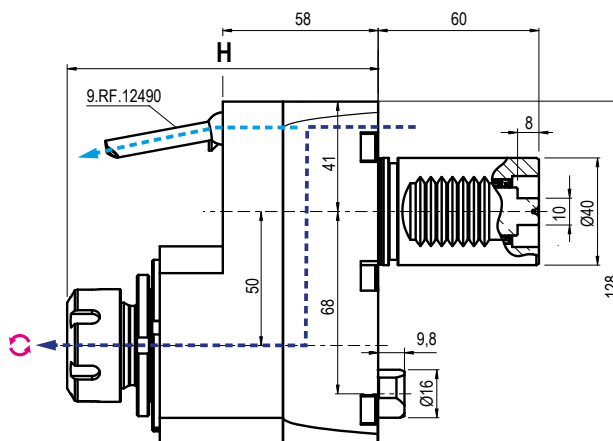
ROTAZIONE - ROTATION  
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|------|----|-------|----|--|
| 99.MZ.A14 | ER-25 - Ø1+16 | NO        | 80 | 67,2 | 30 | 6.000 | 4  |  |
| 99.MZ.A15 | ER-25 - Ø1+16 | ✓         | 80 | 67,2 | 30 | 6.000 | 4  |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

 HQ 150MY / 200MSY  
 MULTIPLEX 610 / 620 / 625 / 6200 / 6250 16 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**HQ**

 TIPO - TYPE  
 Disassato  
 Offset-Axis

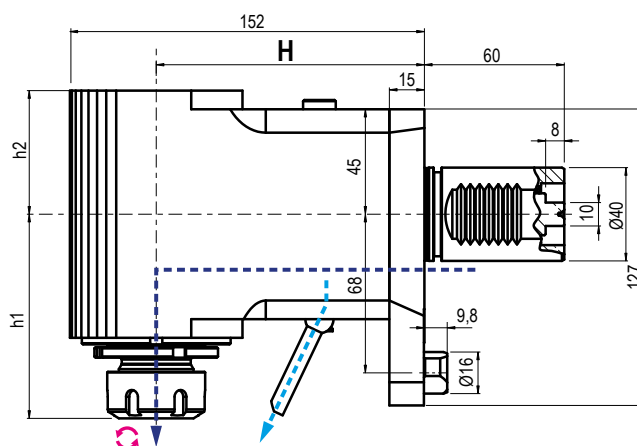
 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

| Code      | Output        | Int Cool. | H       | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|---------|----|-------|----|--|
| 99.MZ.A30 | ER-25 - Ø1÷16 | NO        | Max 116 | 50 | 6.000 | 8  |  |
| 99.MZ.A31 | ER-25 - Ø1÷16 | ✓         | Max 116 | 50 | 6.000 | 8  |  |

**5**

 TIPO - TYPE  
 Radiale  
 Radial

 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

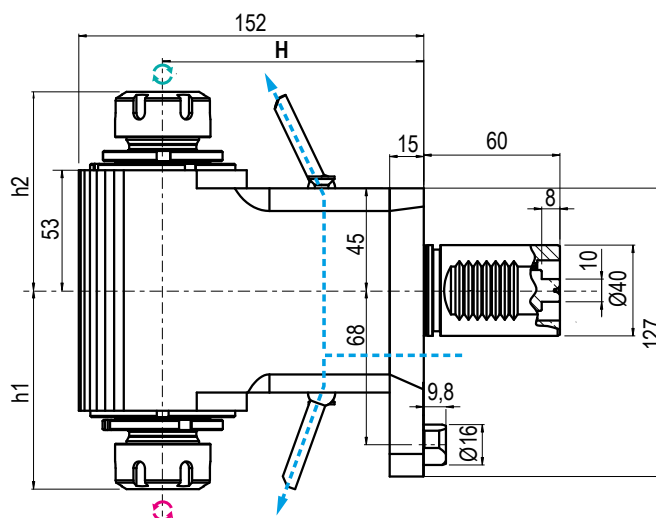
 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

| Code      | Output        | Int Cool. | H   | h1   | h2 | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----|------|----|----|-------|----|--|
| 99.MZ.A36 | ER-25 - Ø1÷16 | NO        | 115 | 87,5 | 53 | 50 | 6.000 | 8  |  |
| 99.MZ.A37 | ER-25 - Ø1÷16 | ✓         | 115 | 87,5 | 53 | 50 | 6.000 | 8  |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

 HQ 150MY / 200MSY  
 MULTIPLEX 610 / 620 / 625 / 6200 / 6250 16 Station Turret

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**HQ**

 TIPO - TYPE  
**Radiale Doppio**  
 Double Radial

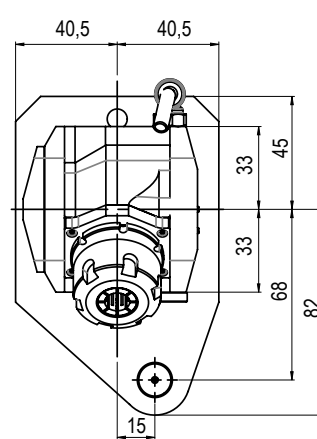
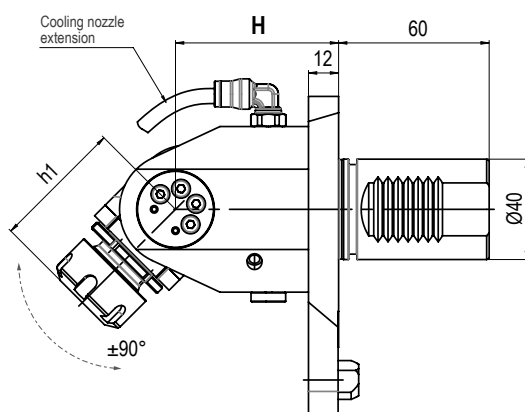
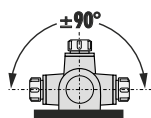
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale ed opposto al mandrino  
 Same and opposite as m. spindle

| Code      | Output           | Int Cool. | H   | h1       | h2       | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|-----|----------|----------|----|-------|----|--|
| 99.MZ.A35 | ER-25-25 - Ø1±16 | NO        | 115 | Max 87,5 | Max 87,5 | 50 | 6.000 | 8  |  |


 TIPO - TYPE  
**Orientabile ±90°**  
 ±90° Adjustable

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**80 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|------|----|-------|----|--|
| 99.MZ.A38 | ER-20 - Ø1±13 | NO        | 65 | 67,2 | 15 | 6.000 | 3  |  |

# In arrivo Motorizzati Potenziati! Upgraded Driven Tools are coming!

## HIGH PERFORMANCE

**Elevata coppia e 12.000 Rpm per lavorazioni a secco!**  
High torque and 12.000 Rpm for dry running!

**Modelli Biglia già disponibili a catalogo. Prossimamente DMG MORI!**  
Biglia models already available in the catalogue. Coming soon DMG MORI!



### MASSIME PRESTAZIONI E PROGETTAZIONE OTTIMIZZATA

Maximum Performance and Optimised Design

- Progettazione ottimizzata nella struttura e nei cuscinetti
- Migliori performance in fresatura e foratura
- Albero principale esente da usura
- Optimized design in the structure and bearings
- Better performance in milling and drilling
- Wear-free main shaft



### EFFICIENZA TERMICA E MANUTENZIONE SEMPLIFICATA

Thermal efficiency and simplified maintenance

- Ridotto incremento delle temperature
- Tenuta meccanica senza guarnizione
- Montaggio smontaggio semplificati
- Intervalli di manutenzione ridotti
- Reduced increase in temperatures
- Mechanical seal without gasket
- Simplified assembly and disassembly
- Reduced maintenance intervals



### POSSIBILITÀ DI LAVORARE A SECCO

Dry running available

- Possibilità di lavorare a secco ad alte velocità (ma con valori ridotti del 70%)
- Continuo miglioramento della tecnologia di tenuta
- Possibility of dry running at high speeds (but with values reduced by 70%)
- Continuous improvement of sealing technology



### CHIAVE DI BLOCCAGGIO CON SISTEMA "SENZA MANI"

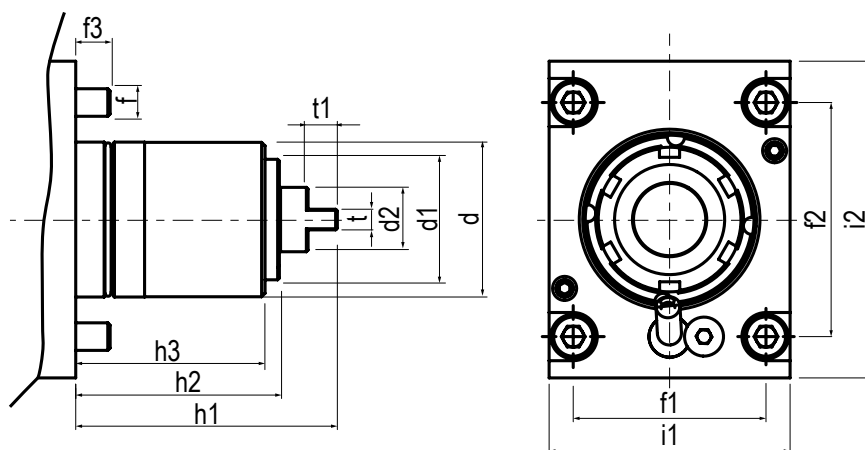
'Hands-free' locking wrench

- La chiave di bloccaggio dell'albero portapinza rimane fissa liberando una mano per un migliore serraggio dell'utensile
- Ridotto il tempo operativo di attrezzaggio
- The collet holder shaft locking key remains fixed, freeing one hand for better tightening of the tool
- Reduced operating time when tooling up the machine.

**Contatta il tuo Agente di zona - Ask to your area Distributor**

**PROSSIMAMENTE NUOVI MODELLI!**  
**NEW MODELS COMING SOON!**





| Type | d  | d1 | d2 | f  | f1 | f2 | f3 | h1 | h2 | h3 | i1 | i2  | t  | t1  |
|------|----|----|----|----|----|----|----|----|----|----|----|-----|----|-----|
| Ø38  | 38 | -  | -  | M6 | 52 | 56 | 7  | 37 | -  | 30 | 78 | 78  | 6  | 7   |
| Ø45  | 45 | 35 | 19 | M8 | 56 | 68 | 10 | 76 | 59 | 55 | 92 | 70  | 12 | 8,5 |
| Ø54  | 54 | -  | 24 | M8 | 75 | 60 | 10 | 72 | 50 | 40 | 90 | 100 | 8  | 12  |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS



**DOTAZIONE STANDARD**  
STANDARD EQUIPMENT

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Tool shaft lock wrench / cooling nozzle / nozzle lock screws / Driven tool locking screws / O-ring



**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
MODULAR QUICK CHANGE See page 7.12 - 7.15

Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).

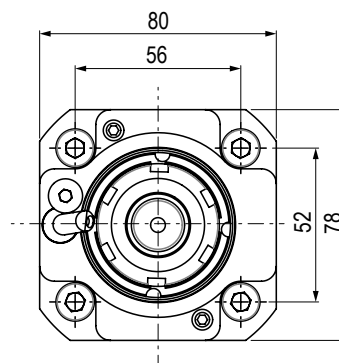
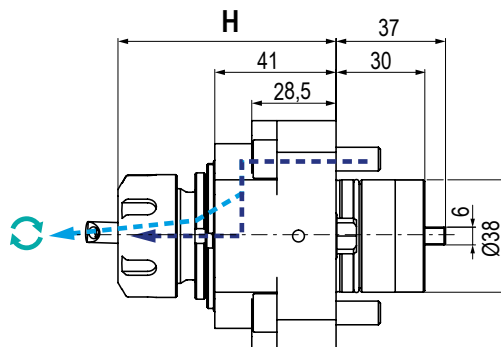
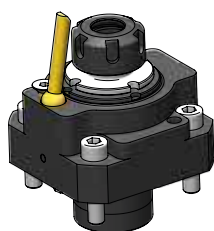
Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.



**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

**MIYANO**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**Ø38**


TIPO - TYPE

 Assiale  
Axial


USCITA - OUTPUT

 Porta Pinza  
Collet Chuck

 REFRIGERANTE  
COOLANT

70 bar



RATIO

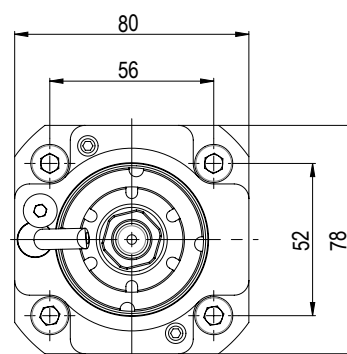
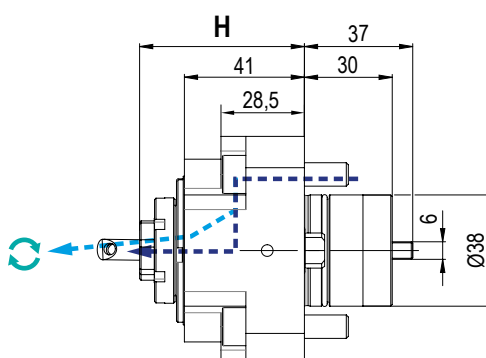
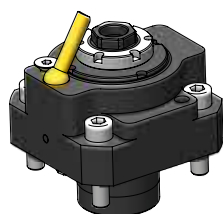
1:1



ROTAZIONE - ROTATION

 Uguale al mandrino  
Same as machine spindle

| Code      | Output      | Int Cool. | H        | Nm | Rpm   | kw |  |
|-----------|-------------|-----------|----------|----|-------|----|--|
| 99.MY.A21 | ER-25 Ø1-16 | NO        | Max 73,7 | 20 | 6.000 | 6  |  |
| 99.MY.A22 | ER-25 Ø1-16 | ✓         | Max 73,7 | 20 | 6.000 | 6  |  |
| 99.MY.A41 | ER-20 Ø1-13 | NO        | Max 71,2 | 20 | 6.000 | 6  |  |
| 99.MY.A42 | ER-20 Ø1-13 | ✓         | Max 71,2 | 20 | 6.000 | 6  |  |

**5**


TIPO - TYPE

 Assiale  
Axial


USCITA - OUTPUT

 Porta Pinza  
Collet Chuck

 REFRIGERANTE  
COOLANT

70 bar



RATIO

1:1



ROTAZIONE - ROTATION

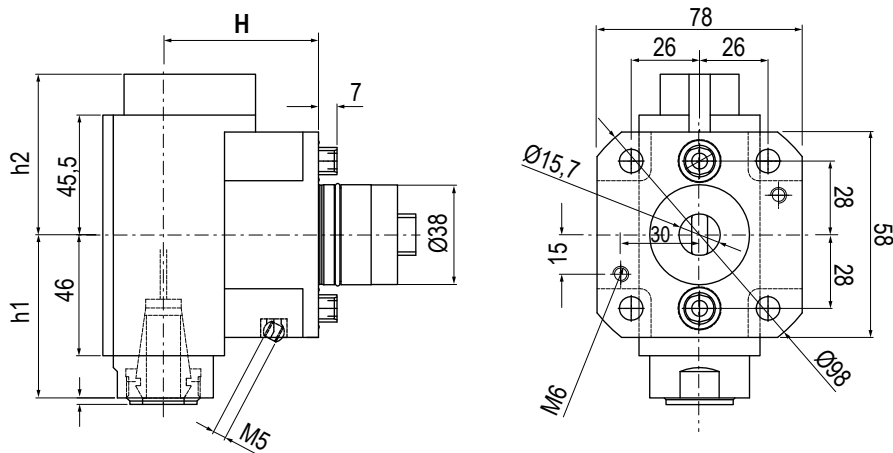
 Uguale al mandrino  
Same as machine spindle

| Code      | Output           | Int Cool. | H        | h1 | h2    | Nm | Rpm   | kw  |  |
|-----------|------------------|-----------|----------|----|-------|----|-------|-----|--|
| 99.MY.A35 | ER-16 Ø1-10 (ES) | NO        | Max 56,3 | 20 | 6.000 | 6  | 6.000 | 1,8 |  |
| 99.MY.A40 | ER-16 Ø1-13 (ES) | ✓         | Max 56,3 | 20 | 6.000 | 6  | 6.000 | 1,8 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**MIYANO**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**Ø38**

**TIPO - TYPE**
**Radiale**  
Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

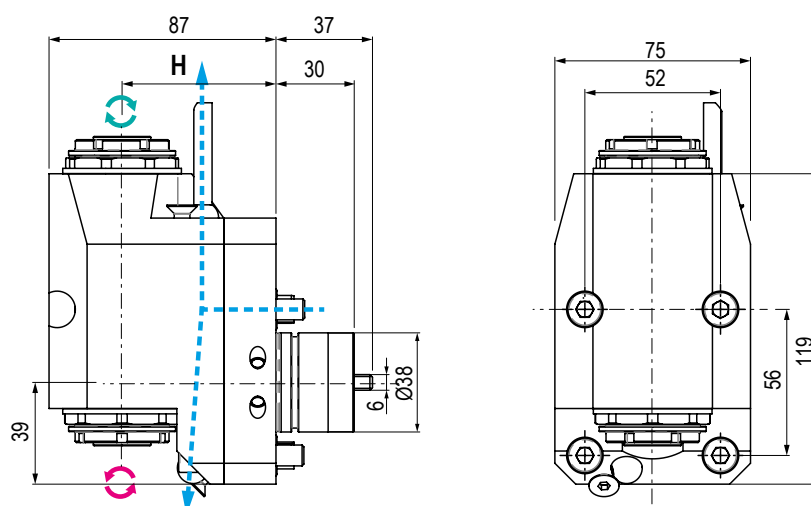
**REFRIGERANTE**  
COOLANT

**70 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Opposto al mandrino**  
Opposite to machine spindle

| Code      | Output      | Int Cool. | H  | h1 | h2 | Nm | Rpm   | kw  |  |
|-----------|-------------|-----------|----|----|----|----|-------|-----|--|
| 99.MY.A33 | ER-20 Ø1-13 | NO        | 59 | 62 | 61 | 16 | 6.000 | 1,8 |  |
| 99.MY.A34 | ER-20 Ø1-13 | ✓         | 59 | 62 | 61 | 16 | 6.000 | 1,8 |  |


**TIPO - TYPE**
**Arretrato Doppio**  
Double Rear Offset

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

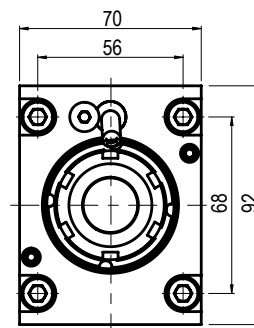
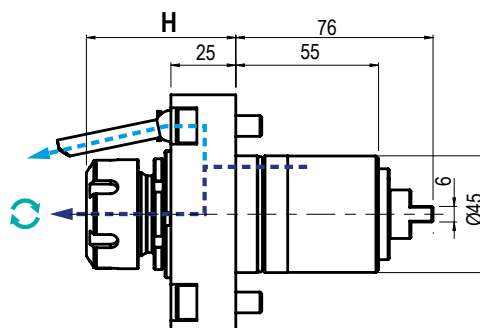
**ROTAZIONE - ROTATION**
**Ugual ed opposto al mandrino**  
Same and opposite as m. spindle

| Code      | Output | Int Cool. | H  | Nm | Rpm   | kw |  |
|-----------|--------|-----------|----|----|-------|----|--|
| 99.MY.A38 | ER-16  | NO        | 59 | 16 | 6.000 | 10 |  |
| 99.MY.A39 | ER-20  | NO        | 59 | 16 | 6.000 | 10 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**MIYANO**
**GOODWAY**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**Ø45**

**TIPO - TYPE**
**Assiale**  
Axial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

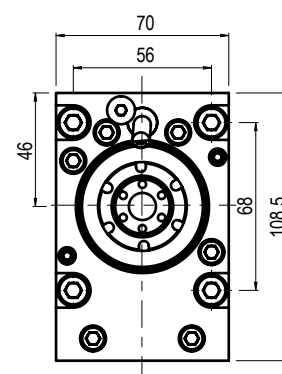
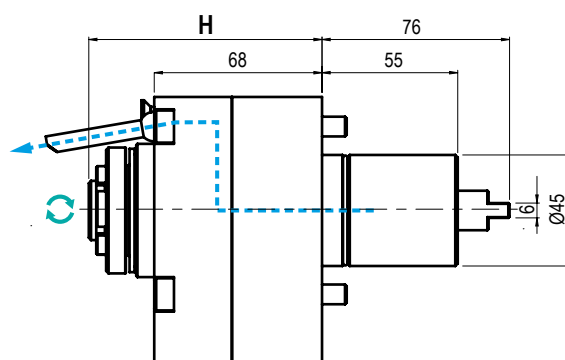
**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output        | Int Cool. | H         | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----------|----|-------|----|--|
| 99.MY.A02 | ER-25 - Ø1÷16 | NO        | 53,9÷57,6 | 35 | 6.000 | 6  |  |
| 99.MY.A03 | ER-25 - Ø1÷16 | ✓         | 53,9÷57,6 | 35 | 6.000 | 6  |  |
| 99.MY.A15 | ER-32 - Ø2÷20 | NO        | 60,6÷64,3 | 35 | 6.000 | 6  |  |
| 99.MY.A16 | ER-32 - Ø2÷20 | ✓         | 60,6÷64,3 | 35 | 6.000 | 6  |  |

**5**

**TIPO - TYPE**
**Assiale**  
Axial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:4**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

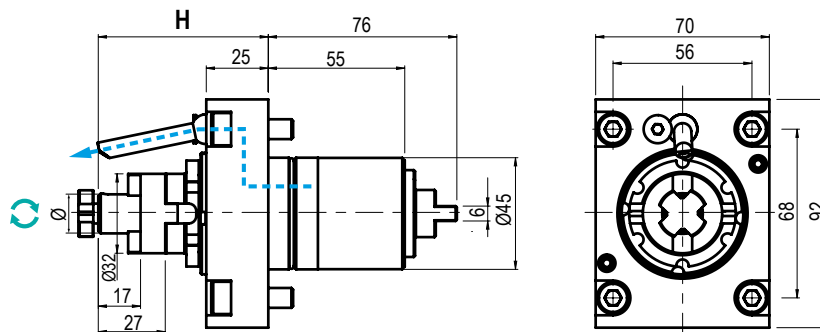
| Code      | Output            | Int Cool. | H         | Nm | Rpm    | kw |  |
|-----------|-------------------|-----------|-----------|----|--------|----|--|
| 99.MY.A01 | ER-16 -EF - Ø1÷10 | NO        | 90,8÷94,5 | 6  | 24.000 | 3  |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

MIYANO

GOODWAY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**Ø45**

**TIPO - TYPE**
**Assiale**  
Axial

**USCITA - OUTPUT**
**Porta Fresa**  
Shell End Milling Cutter

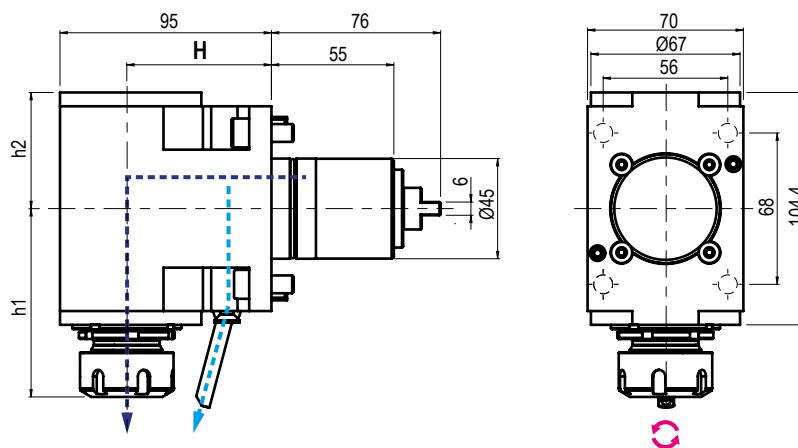
**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output | Int Cool. | H    | Nm | Rpm   | kw |  |
|-----------|--------|-----------|------|----|-------|----|--|
| 99.MY.A14 | Ø 16   | NO        | 68,5 | 35 | 6.000 | 6  |  |


**TIPO - TYPE**
**Radiale**  
Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Opposto al mandrino**  
Opposite to machine spindle

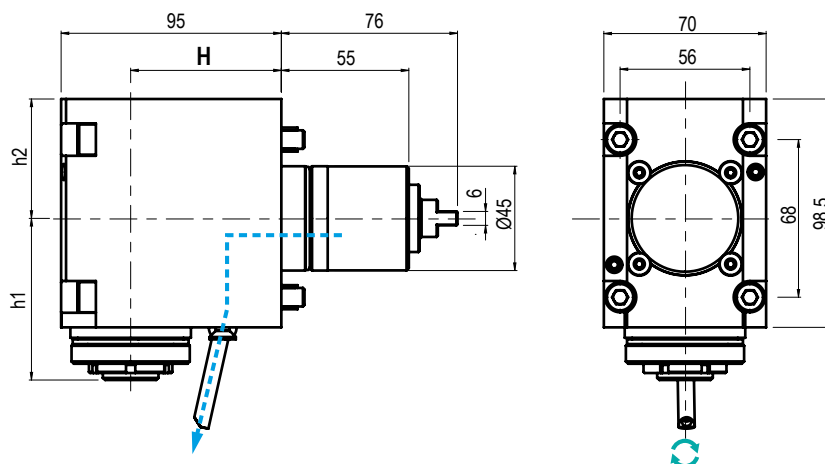
| Code      | Output        | Int Cool. | H  | h1       | h2   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|----------|------|----|-------|----|--|
| 99.MY.A05 | ER-25 - Ø1+16 | NO        | 65 | Max 84,6 | 52,2 | 35 | 6.000 | 6  |  |
| 99.MY.A06 | ER-25 - Ø1+16 | ✓         | 65 | Max 84,6 | 52,2 | 35 | 6.000 | 6  |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

MIYANO

GOODWAY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**Ø45**

 TIPO - TYPE  
**Radiale**  
 Radial

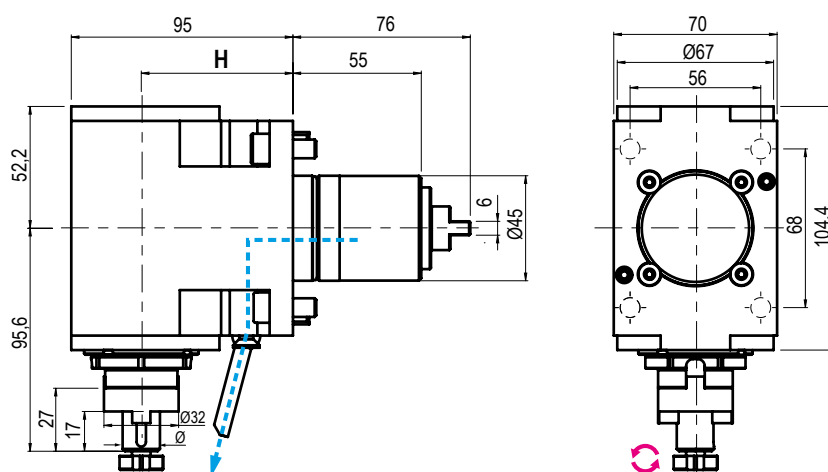
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:4**

 ROTAZIONE - ROTATION  
**Uguale al mandrino**  
 Same as machine spindle

| Code      | Output             | Int Cool. | H  | h1   | h2   | Nm | Rpm    | kw |  |
|-----------|--------------------|-----------|----|------|------|----|--------|----|--|
| 99.MY.A04 | ER-16 - EF - Ø1÷10 | NO        | 65 | 69,7 | 51,5 | 6  | 24.000 | 3  |  |

**5**

 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Fresa**  
 Shell End Milling Cutter

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Opposto al mandrino**  
 Opposite to machine spindle

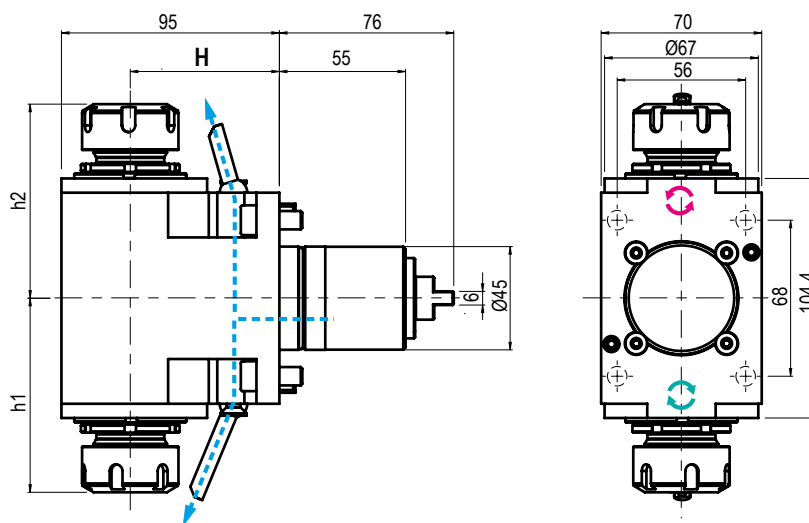
| Code      | Output | Int Cool. | H  | Nm | Rpm   | kw |  |
|-----------|--------|-----------|----|----|-------|----|--|
| 99.MY.A17 | Ø 16   | NO        | 65 | 35 | 6.000 | 6  |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

MIYANO

GOODWAY

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**Ø45**

**TIPO - TYPE**
**Doppio Radiale**  
Double Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

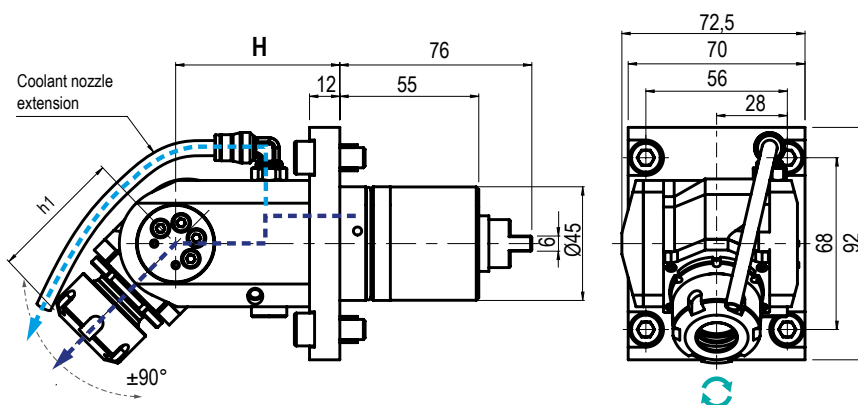
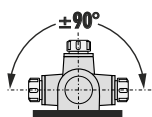
**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale ed opposto al mandrino**  
Same and opposite as m. spindle

| Code      | Output           | Int Cool. | H  | h1   | h2   | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|----|------|------|----|-------|----|--|
| 99.MY.A07 | ER-25-25 - Ø1÷16 | NO        | 65 | 84,6 | 84,6 | 35 | 6.000 | 6  |  |


**TIPO - TYPE**
**Orientabile ±90°**  
±90° Adjustable

**USCITA - OUTPUT**
**Portapinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1       | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|----------|----|-------|----|--|
| 99.MY.A08 | ER-20 - Ø1÷13 | NO        | 65 | Max 52,5 | 15 | 6.000 | 3  |  |
| 99.MY.A13 | ER-20 - Ø1÷13 | ✓         | 65 | Max 52,5 | 15 | 6.000 | 3  |  |

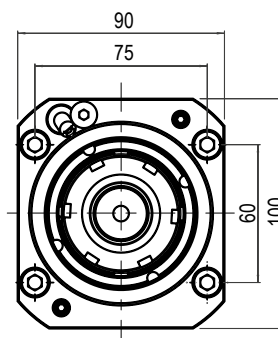
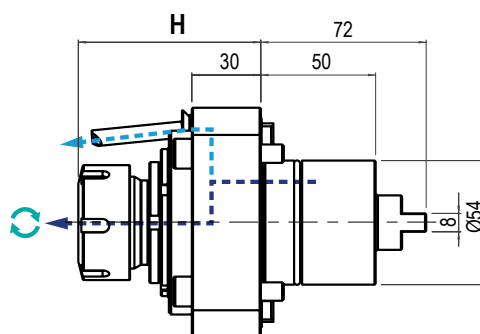
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

MIYANO

CMZ

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

Ø54



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

80 bar



RATIO

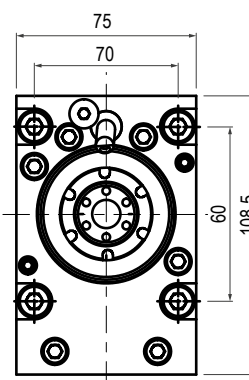
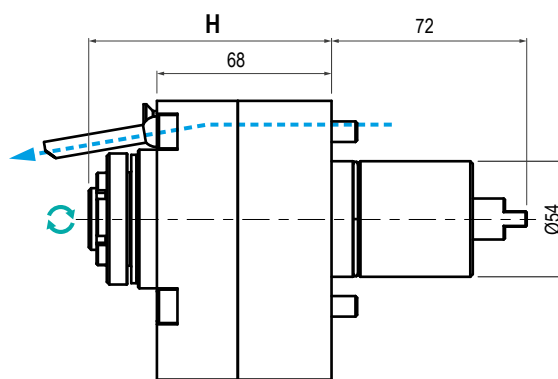
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H         | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----------|----|-------|----|--|
| 99.MY.A24 | ER-25 - Ø1÷16 | NO        | 73,5÷77,2 | 60 | 6.000 | 10 |  |
| 99.MY.A25 | ER-25 - Ø1÷16 | ✓         | 73,5÷77,2 | 60 | 6.000 | 10 |  |
| 99.MY.A09 | ER-32 - Ø2÷20 | NO        | 75,7÷79,4 | 60 | 6.000 | 10 |  |
| 99.MY.A10 | ER-32 - Ø2÷20 | ✓         | 75,7÷79,4 | 60 | 6.000 | 10 |  |



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Portapinza  
Collet Chuck



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

1:4



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H         | Nm | Rpm    | kw |  |
|-----------|---------------|-----------|-----------|----|--------|----|--|
| 99.MY.A26 | ER-16 - Ø1÷10 | NO        | 90,8÷94,5 | 6  | 24.000 | 3  |  |

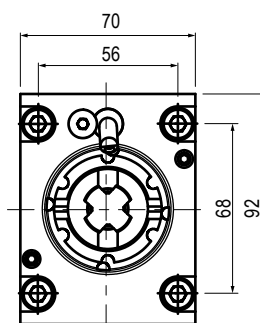
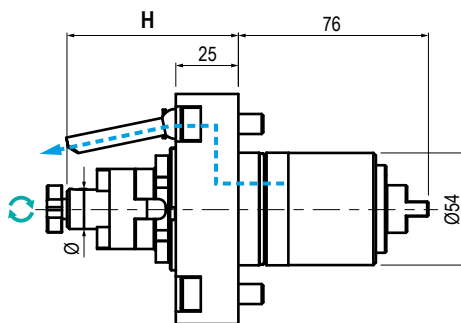
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

MIYANO

CMZ

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

Ø54



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Fresa  
Shell End Milling Cutter



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

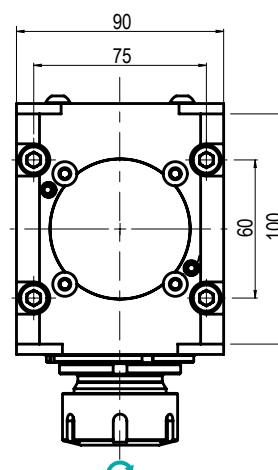
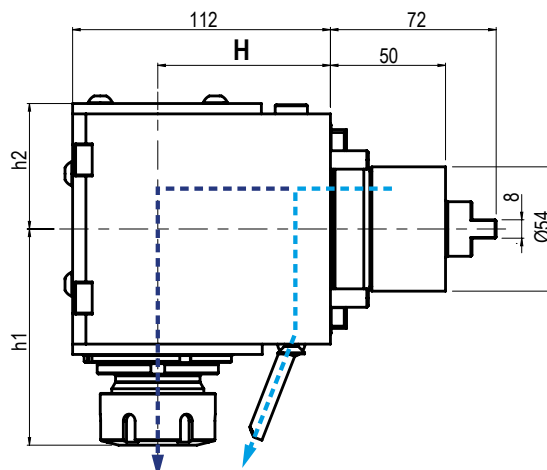
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ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H   | Nm | Rpm   | kw |  |
|-----------|--------|-----------|-----|----|-------|----|--|
| 99.MY.A27 | Ø22    | NO        | 100 | 60 | 6.000 | 10 |  |



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Portapinza  
Collet Chuck



REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1      | h2   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|---------|------|----|-------|----|--|
| 99.MY.A28 | ER-25 - Ø1+16 | NO        | 75 | 87,3+91 | 54,5 | 60 | 6.000 | 10 |  |
| 99.MY.A29 | ER-25 - Ø1+16 | ✓         | 75 | 87,3+91 | 64,5 | 60 | 6.000 | 10 |  |
| 99.MY.A11 | ER-32 - Ø2+20 | NO        | 75 | 90,3+94 | 54,5 | 60 | 6.000 | 10 |  |
| 99.MY.A12 | ER-32 - Ø2+20 | ✓         | 75 | 90,3+94 | 64,5 | 60 | 6.000 | 10 |  |



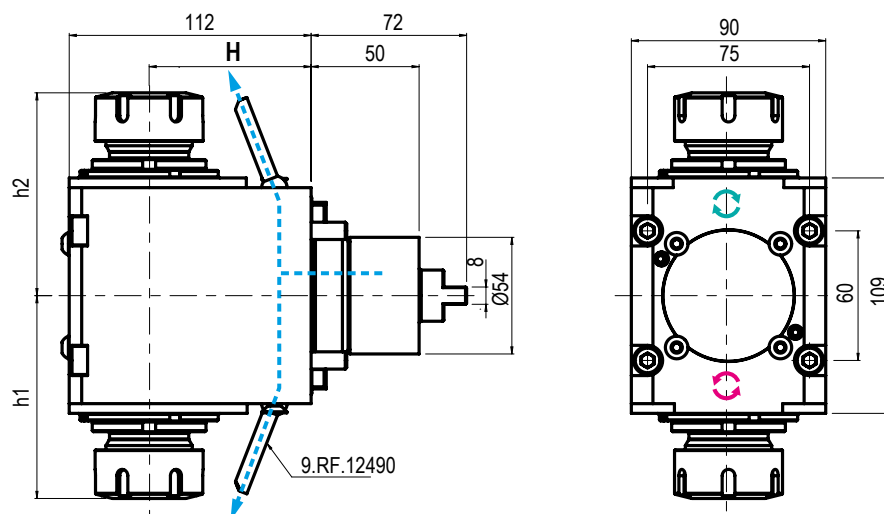
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

MIYANO

CMZ

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

Ø54



TIPO - TYPE  
**Doppio Radiale**  
Double Radial



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**Esterno**  
External

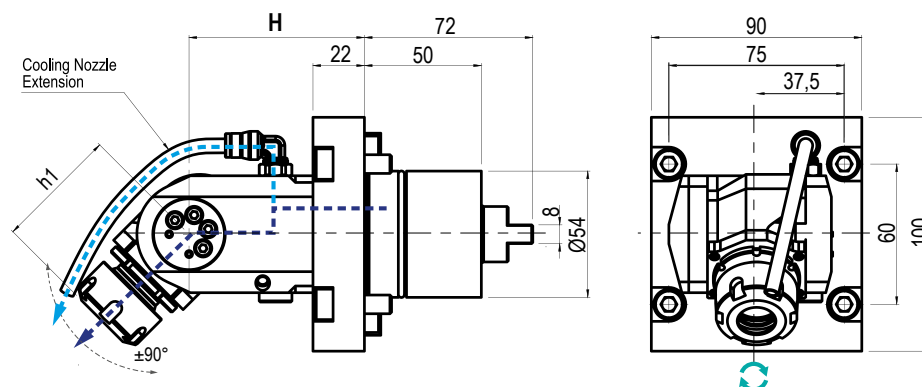
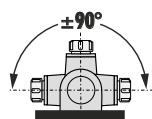


RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Uguale ed opposto al mandrino**  
Same and opposite as m. spindle

| Code      | Output           | Int Cool. | H  | h1   | h2   | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|----|------|------|----|-------|----|--|
| 99.MY.A18 | ER-32-32 - Ø2+20 | NO        | 75 | 93,9 | 93,9 | 60 | 6.000 | 10 |  |



TIPO - TYPE  
**Orientabile ±90°**  
±90° Adjustable



USCITA - OUTPUT  
**Portapinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**80 bar**

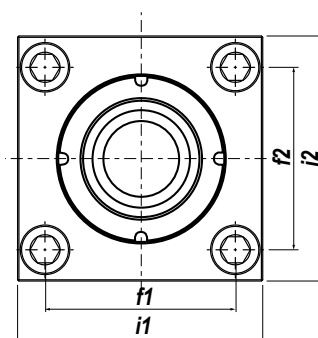
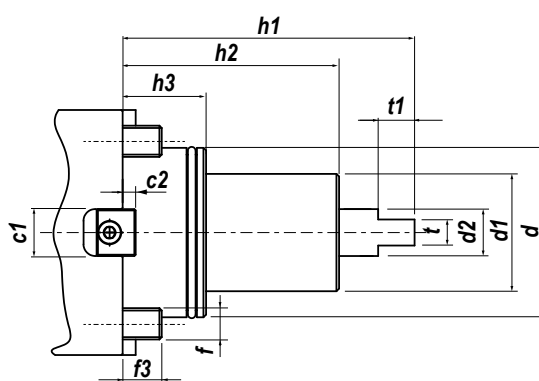


RATIO  
**1:1**



ROTAZIONE - ROTATION  
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1       | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|----------|----|-------|----|--|
| 99.MY.A19 | ER-20 - Ø1+13 | NO        | 75 | Max 52,2 | 15 | 6.000 | 3  |  |
| 99.MY.A20 | ER-20 - Ø1+13 | ✓         | 75 | Max 52,2 | 15 | 6.000 | 3  |  |



| Type  | c1 | c2  | d  | d1 | d2 | f   | f1 | f2 | f3    | h1    | h2 | h3   | i1 | i2   | t  | t1 |
|-------|----|-----|----|----|----|-----|----|----|-------|-------|----|------|----|------|----|----|
| BMT44 | 20 | 5,5 | 44 | 40 | 15 | M8  | 40 | 55 | 12-15 | 91    | 63 | 28   | 62 | 79,5 | 8  | 12 |
| BMT55 | 20 | 5,5 | 55 | 50 | 17 | M10 | 50 | 60 | 12-15 | 108   | 70 | 29,5 | 79 | 84   | 8  | 10 |
| BMT65 | 20 | 5,5 | 65 | -  | -  | -   | 69 | 71 | 12-15 | 115,5 | -  | 31   | 92 | 100  | 10 | -  |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

**COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS**



**DOTAZIONE STANDARD**  
**STANDARD EQUIPMENT**

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Tool shaft lock wrench / cooling nozzle / nozzle lock screws / driven tool locking screws / O-ring



**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
**MODULAR QUICK CHANGE** See page 7.12 - 7.15

Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).

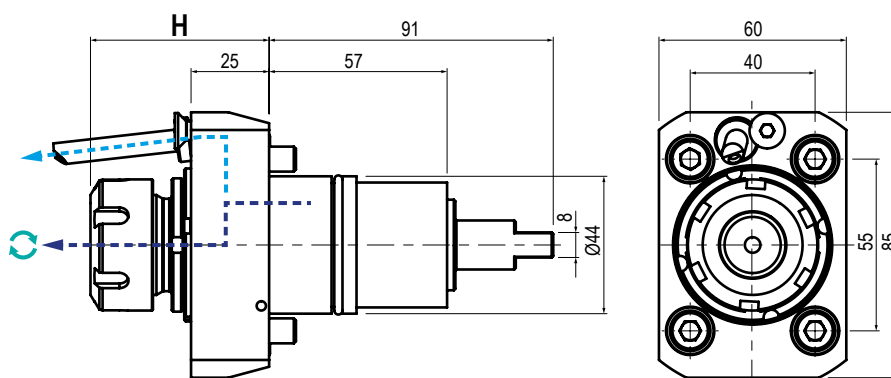
Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

NAKAMURA

MURATEC

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
44**


TIPO - TYPE

 Assiale  
Axial


USCITA - OUTPUT

 Porta Pinza  
Collet Chuck

 REFRIGERANTE  
COOLANT

70 bar



RATIO

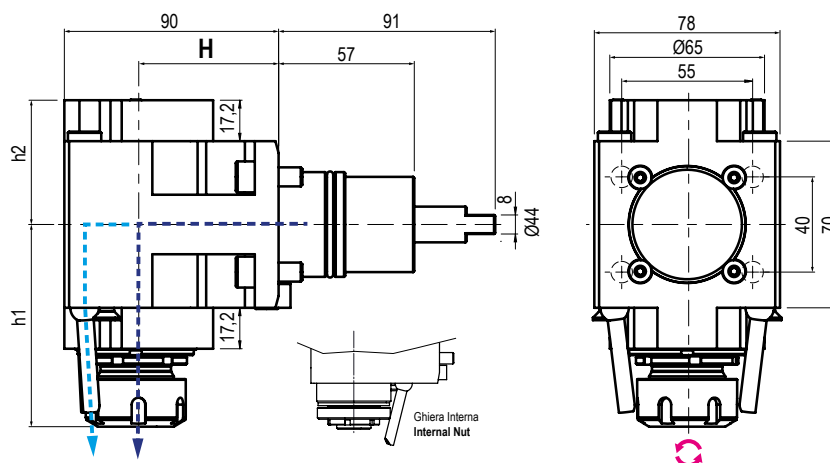
1:1



ROTAZIONE - ROTATION

 Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H        | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----------|----|-------|----|--|
| 99.NK.A40 | ER-25 - Ø1÷16 | NO        | Max 57,2 | 40 | 6.000 | 6  |  |
| 99.NK.A43 | ER-25 - Ø1÷16 | ✓         | Max 57,2 | 40 | 6.000 | 6  |  |

**5**


TIPO - TYPE

 Radiale  
Radial


USCITA - OUTPUT

 Porta Pinza  
Collet Chuck

 REFRIGERANTE  
COOLANT

70 bar



RATIO

 1:1  
1:4


ROTAZIONE - ROTATION

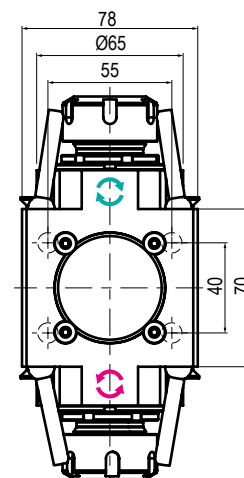
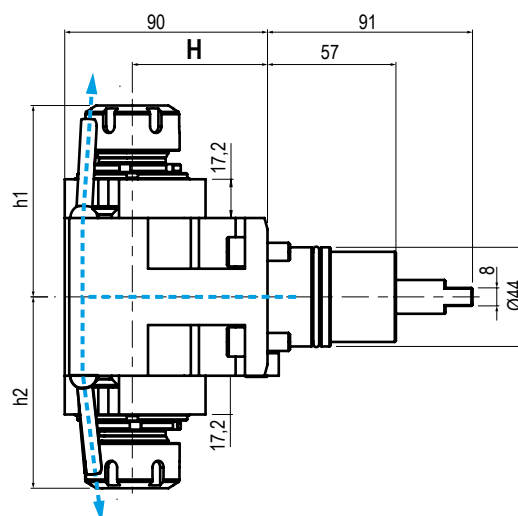
 Opposto al mandrino  
Opposite to machine spindle

| Code      | Output            | Int Cool. | H  | h1       | h2   | Nm | Rpm    | kw |  |
|-----------|-------------------|-----------|----|----------|------|----|--------|----|--|
| 99.NK.A50 | ER-25 - Ø1÷16     | NO        | 60 | Max 84,9 | 52,2 | 40 | 6.000  | 6  |  |
| 99.NK.A53 | ER-25 - Ø1÷16     | ✓         | 60 | Max 84,9 | 52,2 | 40 | 6.000  | 6  |  |
| 99.NK.A30 | ER-25 - Ø1÷16     | NO        | 75 | Max 84,9 | 52,2 | 40 | 6.000  | 6  |  |
| 99.NK.A33 | ER-25 - Ø1÷16     | ✓         | 75 | Max 84,9 | 52,2 | 40 | 6.000  | 6  |  |
| 99.NK.A36 | ER-16 (Int) Ø1÷16 | NO        | 60 | Max 69,7 | 52,5 | 6  | 32.000 | 3  |  |

**MODELLI DI TORNIO COMPATIBILI**  
 COMPATIBLE LATHE TYPES

**NAKAMURA**
**MURATEC**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**44**


TIPO - TYPE

**Radiale Doppio**  
**Double Radial**


USCITA - OUTPUT

**Porta Pinza**  
**Collet Chuck**

 REFRIGERANTE  
 COOLANT

**Esterno**  
**External**

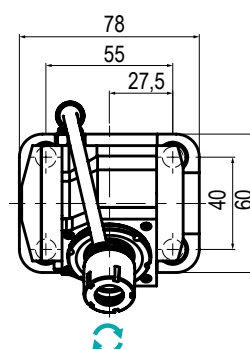
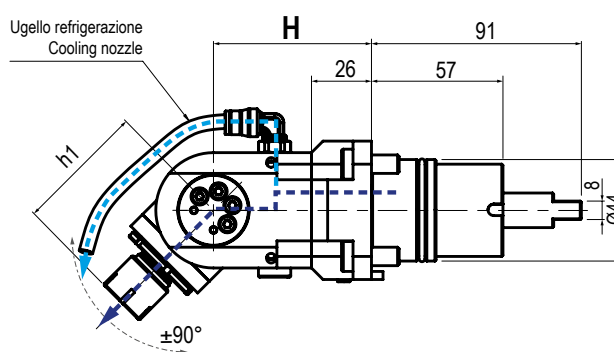
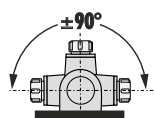

RATIO

**1:1**


ROTAZIONE - ROTATION

**Uguale ed opposto al mandrino**  
**Same and opposite as m. spindle**

| Code      | Output           | Int Cool. | H  | h1       | h2       | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|----|----------|----------|----|-------|----|--|
| 99.NK.A70 | ER-25-25 - Ø1÷16 | NO        | 60 | Max 84,9 | Max 84,9 | 40 | 6.000 | 6  |  |
| 99.NK.A80 | ER-25-25 - Ø1÷16 | NO        | 75 | Max 84,9 | Max 84,9 | 40 | 6.000 | 6  |  |



TIPO - TYPE

**Orientabile ±90°**  
**±90° Adjustable**


USCITA - OUTPUT

**Porta Pinza**  
**Collet Chuck**

 REFRIGERANTE  
 COOLANT

**70 bar**


RATIO

**1:1**


ROTAZIONE - ROTATION

**Uguale al mandrino**  
**Same as machine spindle**

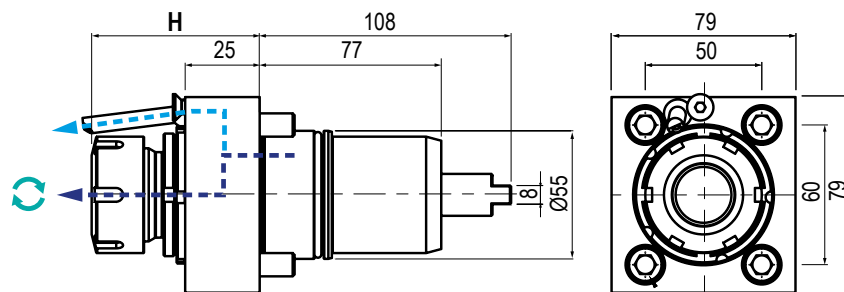
| Code      | Output        | Int Cool. | H    | h1       | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|------|----------|----|-------|----|--|
| 99.NK.A59 | ER-16 - Ø1÷10 | NO        | 68,5 | Max 56,5 | 10 | 6.000 | 2  |  |
| 99.NK.A69 | ER-16 - Ø1÷10 | ✓         | 68,5 | Max 56,5 | 10 | 6.000 | 2  |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

NAKAMURA

CMZ

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
55**

 TIPO - TYPE  
 Assiale  
 Axial

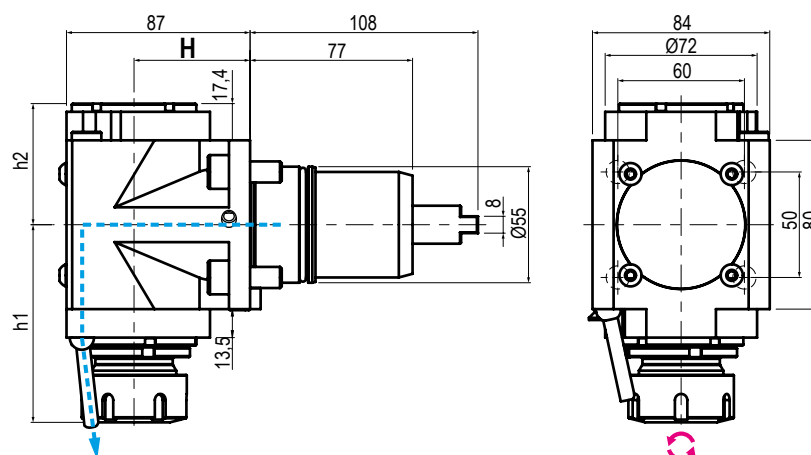
 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 70 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Ugua le al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H         | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|-----------|----|-------|----|--|
| 99.NK.A01 | ER-25 - Ø1÷16 | NO        | 53,5÷57,2 | 63 | 6.000 | 10 |  |
| 99.NK.A02 | ER-25 - Ø1÷16 | ✓         | 53,5÷57,2 | 63 | 6.000 | 10 |  |
| 99.NK.A03 | ER-32 - Ø2÷20 | NO        | 68,5÷72,2 | 63 | 6.000 | 10 |  |
| 99.NK.A04 | ER-32 - Ø2÷20 | ✓         | 68,5÷72,2 | 63 | 6.000 | 10 |  |


 TIPO - TYPE  
 Radiale  
 Radial

 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 Esterno  
 External

 RATIO  
 1:1

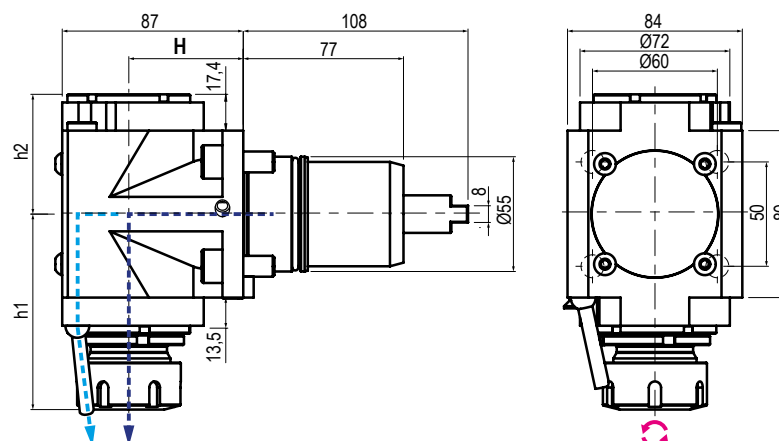
 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

| Code      | Output        | Int Cool. | H  | h1        | h2   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|------|----|-------|----|--|
| 99.NK.A20 | ER-25 - Ø1÷16 | NO        | 55 | 82,5÷86,2 | 57,4 | 63 | 6.000 | 10 |  |
| 99.NK.A13 | ER-32 - Ø2÷20 | NO        | 55 | 90÷93,7   | 57,4 | 63 | 6.000 | 10 |  |
| 99.NK.A05 | ER-25 - Ø1÷16 | NO        | 65 | 82,5÷86,2 | 57,4 | 63 | 6.000 | 10 |  |
| 99.NK.A23 | ER-32 - Ø2÷20 | NO        | 65 | 90÷93,7   | 57,4 | 63 | 6.000 | 10 |  |
| 99.NK.A07 | ER-25 - Ø1÷16 | NO        | 75 | 82,5÷86,2 | 57,4 | 63 | 6.000 | 10 |  |
| 99.NK.A15 | ER-32 - Ø2÷20 | NO        | 75 | 90÷93,7   | 57,4 | 63 | 6.000 | 10 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**NAKAMURA**
**CMZ**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**55**

**TIPO - TYPE**
**Radiale**  
Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

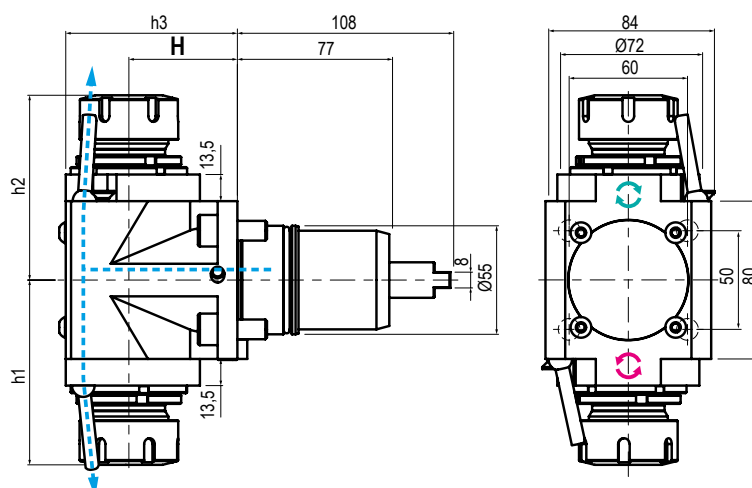
**REFRIGERANTE**  
COOLANT

**70 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Opposto al mandrino**  
Opposite to machine spindle

| Code      | Output        | Int Cool. | H  | h1        | h2   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|------|----|-------|----|--|
| 99.NK.A25 | ER-25 - Ø1+16 | ✓         | 55 | 82,5+86,2 | 63,4 | 63 | 6.000 | 10 |  |
| 99.NK.A14 | ER-32 - Ø2+20 | ✓         | 55 | 90+93,7   | 63,4 | 63 | 6.000 | 10 |  |
| 99.NK.A06 | ER-25 - Ø1+16 | ✓         | 65 | 82,5+86,2 | 63,4 | 63 | 6.000 | 10 |  |
| 99.NK.A24 | ER-32 - Ø2+20 | ✓         | 65 | 90+93,7   | 63,4 | 63 | 6.000 | 10 |  |
| 99.NK.A08 | ER-25 - Ø1+16 | ✓         | 75 | 82,5+86,2 | 63,4 | 63 | 6.000 | 10 |  |
| 99.NK.A16 | ER-32 - Ø2+20 | ✓         | 75 | 90+93,7   | 63,4 | 63 | 6.000 | 10 |  |


**TIPO - TYPE**
**Radiale Doppio**  
Double Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale ed opposto al mandrino**  
Same and opposite as m. spindle

| Code      | Output        | Int Cool. | H  | h1        | h2        | h3  | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|-----------|-----|----|-------|----|--|
| 99.NK.A09 | ER-25 - Ø1+16 | NO        | 55 | 82,5+86,2 | 82,5+86,2 | 87  | 63 | 6.000 | 10 |  |
| 99.NK.A71 | ER-32 - Ø2+20 | NO        | 55 | 90+93,7   | 90+93,7   | 87  | 63 | 6.000 | 10 |  |
| 99.NK.A10 | ER-25 - Ø1+16 | NO        | 65 | 82,5+86,2 | 82,5+86,2 | 97  | 63 | 6.000 | 10 |  |
| 99.NK.A81 | ER-32 - Ø2+20 | NO        | 65 | 90+93,7   | 90+93,7   | 97  | 63 | 6.000 | 10 |  |
| 99.NK.A11 | ER-25 - Ø1+16 | NO        | 75 | 82,5+86,2 | 82,5+86,2 | 107 | 63 | 6.000 | 10 |  |
| 99.NK.A91 | ER-32 - Ø2+20 | NO        | 75 | 90+93,7   | 90+93,7   | 107 | 63 | 6.000 | 10 |  |

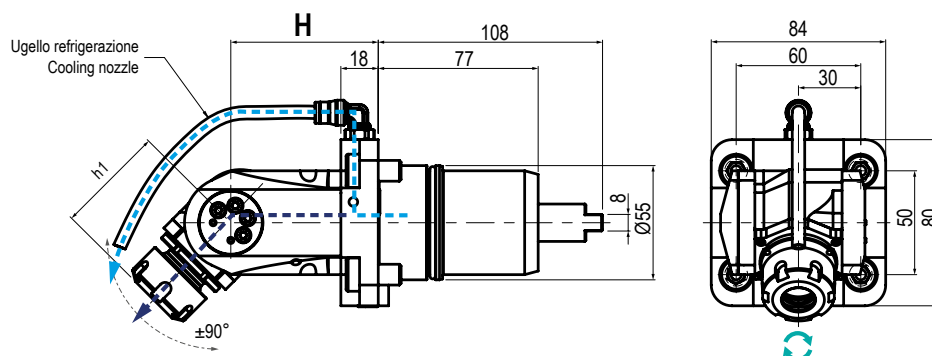
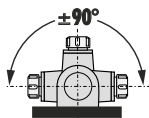
MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

NAKAMURA

CMZ

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
55**



TIPO - TYPE

Orientabile  $\pm 90^\circ$   
 $\pm 90^\circ$  Adjustable



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

70 bar



RATIO

1:1



ROTAZIONE - ROTATION

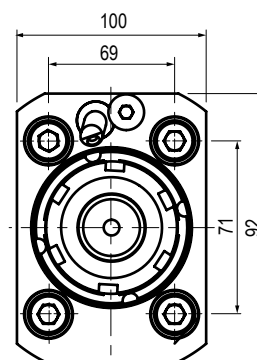
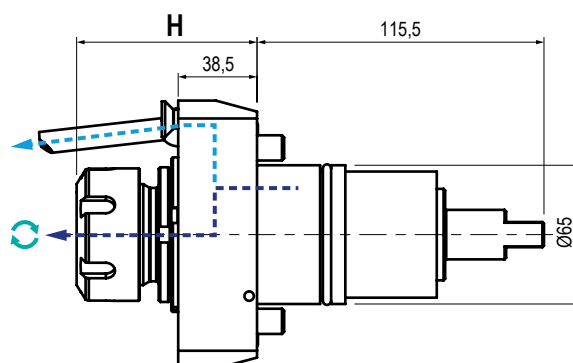
Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1       | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|----------|----|-------|----|--|
| 99.NK.A22 | ER-20 - Ø1÷13 | NO        | 71 | Max 52,5 | 15 | 6.000 | 3  |  |
| 99.NK.A32 | ER-20 - Ø1÷13 | ✓         | 71 | Max 52,5 | 15 | 6.000 | 3  |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**NAKAMURA**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**65**

**TIPO - TYPE**
**Assiale**  
Axial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

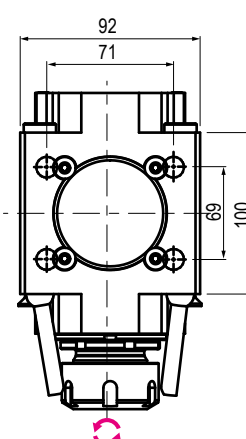
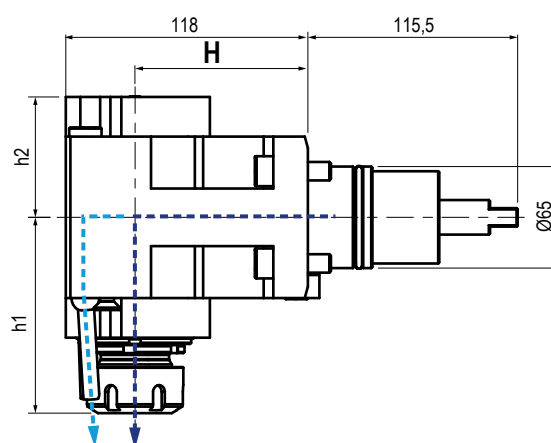
**REFRIGERANTE**  
COOLANT

**70 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output        | Int Cool. | H        | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----------|----|-------|----|--|
| 99.NK.A51 | ER-32 - Ø2+20 | NO        | Max 77,9 | 63 | 6.000 | 10 |  |
| 99.NK.A52 | ER-32 - Ø2+20 | ✓         | Max 77,9 | 63 | 6.000 | 10 |  |


**TIPO - TYPE**
**Radiale**  
Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**70 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Opposto al mandrino**  
Opposite to machine spindle

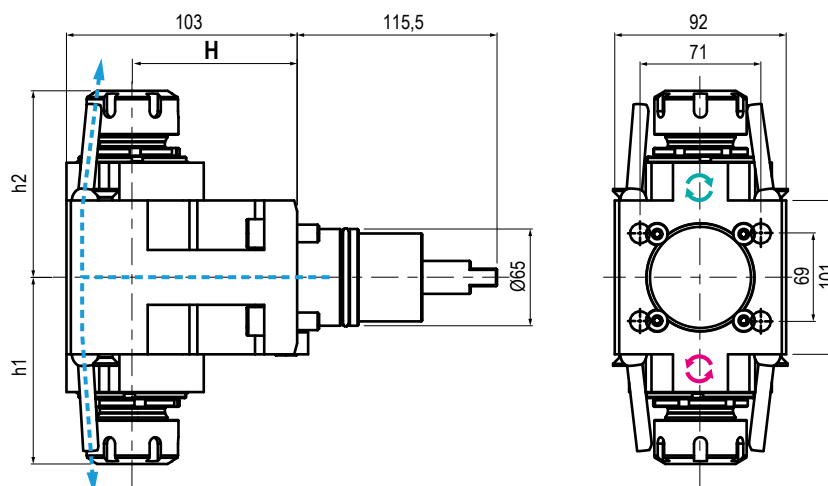
| Code      | Output        | Int Cool. | H  | h1        | h2   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|------|----|-------|----|--|
| 99.NK.A58 | ER-32 - Ø2+20 | NO        | 65 | 90,2+93,9 | 64,5 | 63 | 6.000 | 10 |  |
| 99.NK.A62 | ER-32 - Ø2+20 | ✓         | 65 | 90,2+93,9 | 64,5 | 63 | 6.000 | 10 |  |
| 99.NK.A12 | ER-32 - Ø2+20 | NO        | 80 | 90,2+93,9 | 64,5 | 63 | 6.000 | 10 |  |
| 99.NK.A17 | ER-32 - Ø2+20 | ✓         | 80 | 90,2+93,9 | 64,5 | 63 | 6.000 | 10 |  |



MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

NAKAMURA

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
65**

 TIPO - TYPE  
**Radiale Doppio**  
 Double Radial

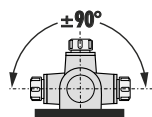
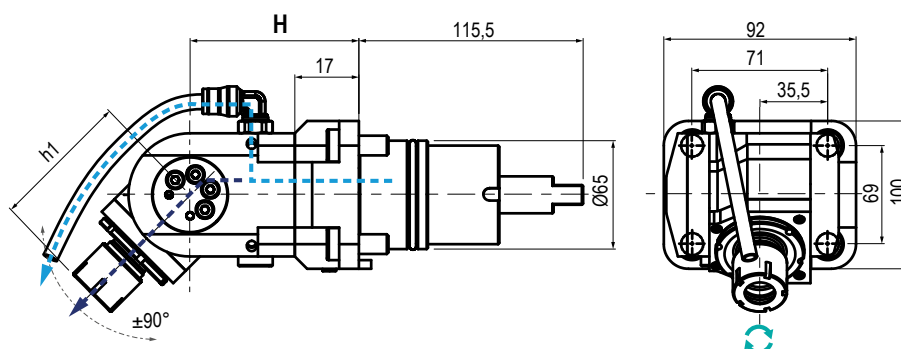
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Uguale ed opposto al mandrino  
 Same and opposite as m. spindle

| Code      | Output           | Int Cool. | H  | h1        | h2        | Nm | Rpm   | kw |  |
|-----------|------------------|-----------|----|-----------|-----------|----|-------|----|--|
| 99.NK.A78 | ER-32-32 - Ø2+20 | NO        | 65 | 90,2+93,9 | 90,2+93,9 | 63 | 6.000 | 10 |  |


**5**

 TIPO - TYPE  
**Orientabile ±90°**  
 ±90° Adjustable

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**70 bar**

 RATIO  
**1:1**

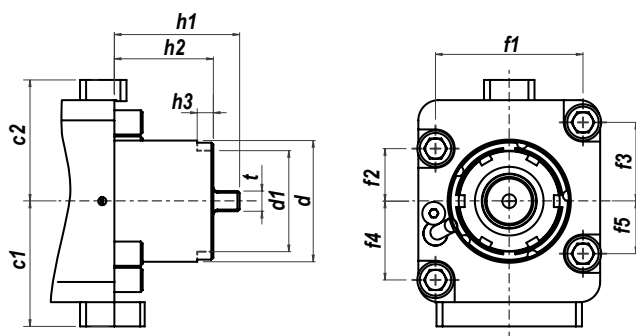
 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1        | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|-----------|----|-------|----|--|
| 99.NK.A82 | ER-25 - Ø1+16 | NO        | 80 | 63,5+67,2 | 25 | 6.000 | 4  |  |
| 99.NK.A19 | ER-25 - Ø1+16 | ✓         | 80 | 63,5+67,2 | 25 | 6.000 | 4  |  |



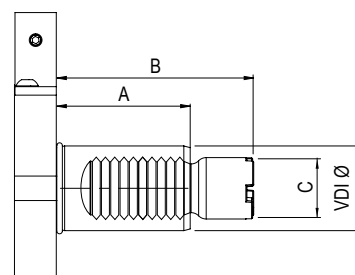
**Uscita - Output**  
**C. ISO26623**  
DISPONIBILI SU RICHIESTA  
AVAILABLE ON REQUEST

### BMT



| Type  | c1 | c2 | d   | d1 | f1 | f2 | f3 | f4 | f5 | h1  | h2 | h3 | t  |
|-------|----|----|-----|----|----|----|----|----|----|-----|----|----|----|
| BMT55 | -  | -  | Ø55 | -  | 65 | 40 | 40 | 40 | 40 | 102 | 64 | -  | 10 |
| BMT60 | 62 | 60 | Ø60 | 50 | 73 | 26 | 39 | 39 | 26 | 62  | 49 | 8  | 10 |

### VDI



| Type   | A  | B  | C   |
|--------|----|----|-----|
| VDI 30 | 55 | 69 | Ø29 |
| VDI 40 | 63 | 93 | Ø29 |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

**COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS**



#### DOTAZIONE STANDARD STANDARD EQUIPMENT

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Tool shaft lock wrench / cooling nozzle / nozzle lock screws / driven tool locking screws / O-ring



#### CAMBI RAPIDI MODULARI Vedi pag. 7.12 - 7.15 MODULAR QUICK CHANGE See page 7.12 - 7.15

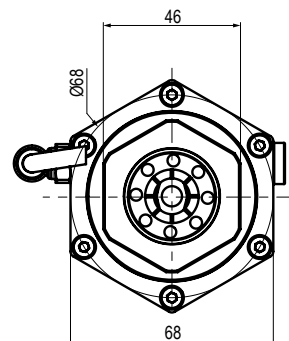
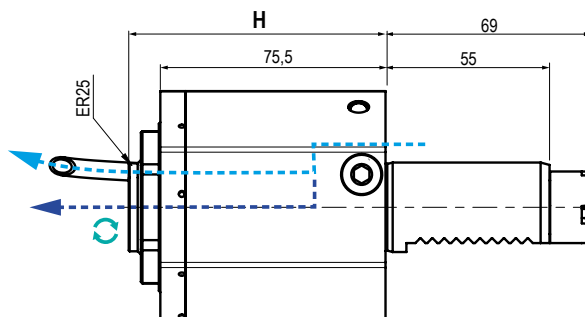
Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).

Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**OKUMA**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**VDI**  
**30**

**TIPO - TYPE**
**Assiale**  
Axial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

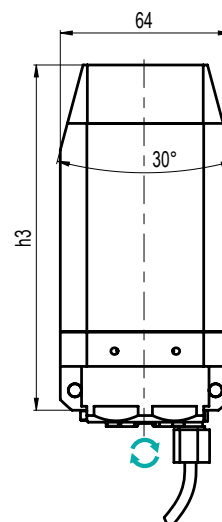
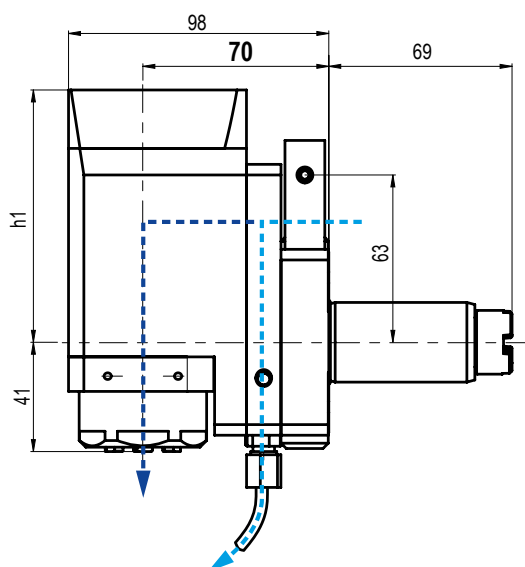
**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output          | Int Cool. | H    | Nm | Rpm   | kw |  |
|-----------|-----------------|-----------|------|----|-------|----|--|
| 99.OK.A33 | ER-25 - DIN6499 | NO        | 86,1 | 32 | 6.000 | -  |  |
| 99.OK.A34 | ER-25 - DIN6499 | ✓         | 86,1 | 32 | 6.000 | -  |  |

**5**

**TIPO - TYPE**
**Radiale disassato**  
Radial off-set

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

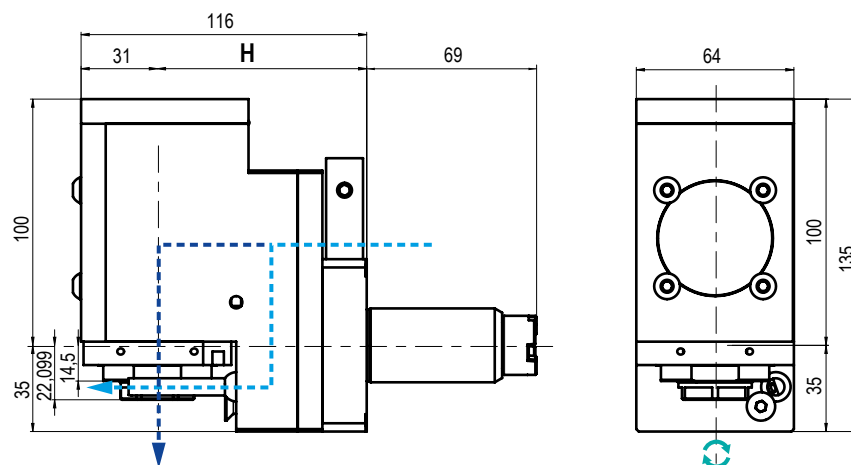
**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output          | Int Cool. | h2 | h3  | Nm | Rpm   | kw |  |
|-----------|-----------------|-----------|----|-----|----|-------|----|--|
| 99.OK.A36 | ER-25 - DIN6499 | NO        | 84 | 119 | 16 | 8.000 | -  |  |
| 99.OK.A42 | ER-25 - DIN6499 | ✓         | 95 | 130 | 16 | 8.000 | -  |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

OKUMA

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



VDI  
**30**



TIPO - TYPE  
**Radiale disassato**  
Radial off-set



USCITA - OUTPUT  
**Porta Pinza**  
Collet Chuck



REFRIGERANTE  
COOLANT  
**80 bar**



RATIO  
**1:1**



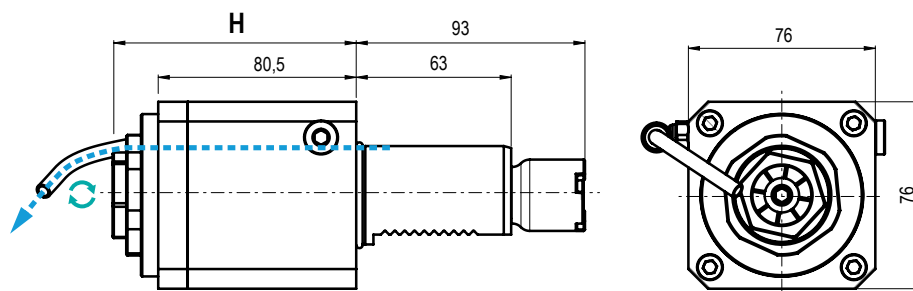
ROTAZIONE - ROTATION  
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output          | Int Cool. | H  | Nm | Rpm   | kw |  |
|-----------|-----------------|-----------|----|----|-------|----|--|
| 99.OK.A39 | ER-25 - DIN6499 | ✓         | 85 | 40 | 8.000 | -  |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

OKUMA

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**VDI  
40**

 TIPO - TYPE  
**Assiale**  
 Axial

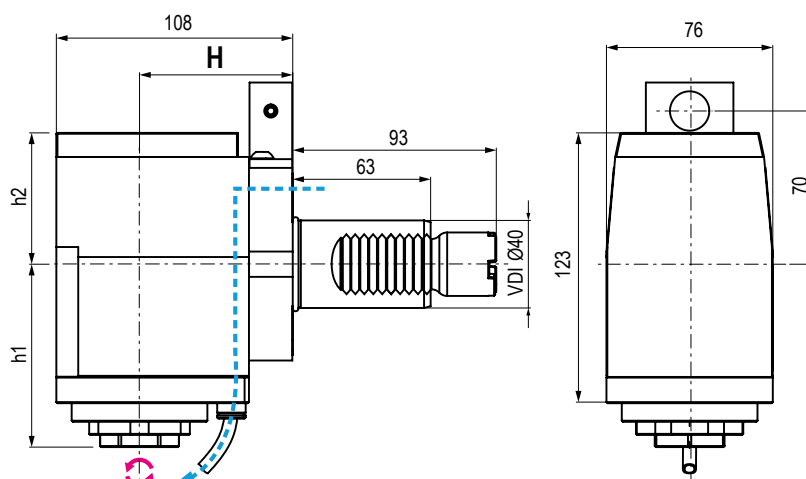
 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**70 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
 Ugua le al mandri no  
 Same as machine spindle

| Code      | Output          | Int Cool. | H    | Nm | Rpm   | kw |  |
|-----------|-----------------|-----------|------|----|-------|----|--|
| 99.OK.A18 | ER-32 - DIN6499 | NO        | 98,6 | 70 | 6.000 | 6  |  |
| 99.OK.A23 | ER-32 - DIN6499 | ✓         | 98,6 | 70 | 6.000 | 6  |  |

**5**

 TIPO - TYPE  
**Radiale**  
 Radial

 USCITA - OUTPUT  
**Porta Pinza**  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
**70 bar**

 RATIO  
**1:1**

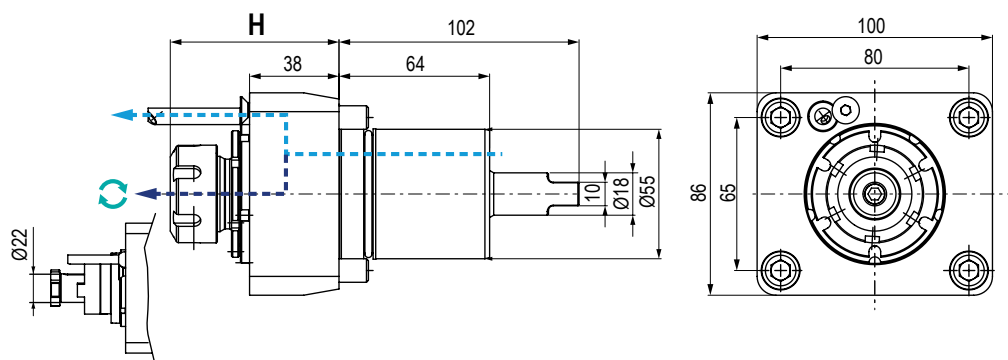
 ROTAZIONE - ROTATION  
 Opposto al mandri no  
 Opposite to machine spindle

| Code      | Output          | Int Cool. | H  | h1 | h2 | Nm | Rpm   | kw |  |
|-----------|-----------------|-----------|----|----|----|----|-------|----|--|
| 99.OK.A19 | ER-32 - DIN6499 | NO        | 70 | 84 | 60 | 60 | 6.000 | 6  |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**OKUMA**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT**  
**55**

**TIPO - TYPE**
**Assiale**  
Axial

**USCITA - OUTPUT**
**Portapinza/Portafresa**  
ER/Shell End Milling Cutter

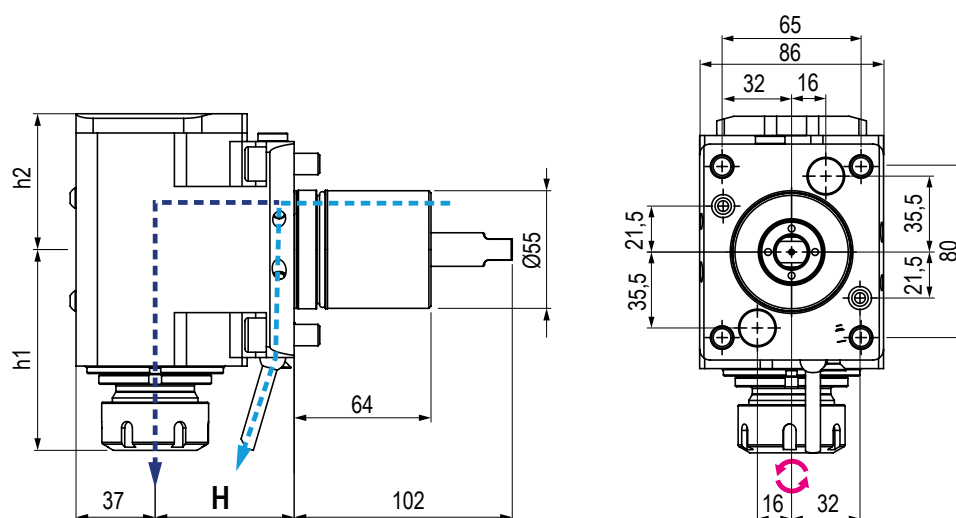
**REFRIGERANTE**  
COOLANT

**70 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output | Int Cool. | H    | Nm | Rpm   | kw |  |
|-----------|--------|-----------|------|----|-------|----|--|
| 99.OK.A01 | ER-25  | NO        | 71,7 | 40 | 8.000 | 8  |  |
| 99.OK.A02 | ER-25  | ✓         | 71,7 | 40 | 8.000 | 8  |  |
| 99.OK.A14 | ER-32  | NO        | 78   | 70 | 6.000 | 6  |  |
| 99.OK.A15 | ER-32  | ✓         | 78   | 70 | 6.000 | 6  |  |
| 99.OK.A16 | PF-22  | NO        | 96   | 60 | 6.000 | 10 |  |
| 99.OK.A17 | PF-27  | NO        | 97   | 60 | 6.000 | 10 |  |


**TIPO - TYPE**
**Radiale**  
Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**70 bar**

**RATIO**
**1:1**

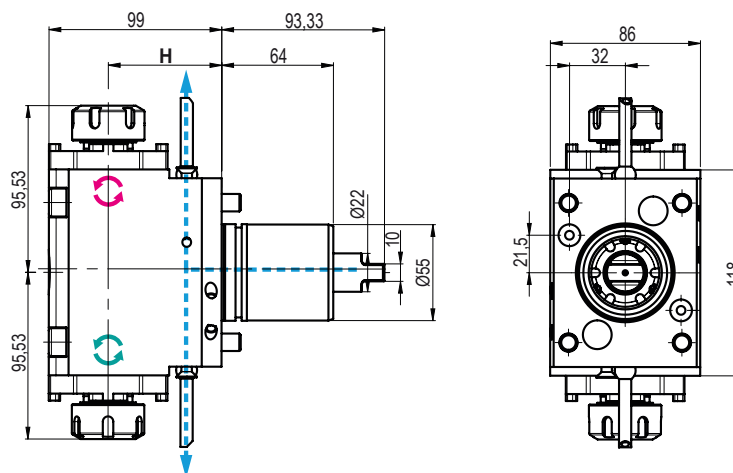
**ROTAZIONE - ROTATION**
**Opposto al mandrino**  
Opposite to machine spindle

| Code      | Output | Int Cool. | H  | h1 | h2   | Nm | Rpm   | kw |  |
|-----------|--------|-----------|----|----|------|----|-------|----|--|
| 99.OK.A03 | ER-20  | NO        | 65 | 94 | 63,5 | 60 | 6.000 | -  |  |
| 99.OK.A04 | ER-20  | ✓         | 65 | 94 | 63,5 | 60 | 6.000 | -  |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**OKUMA**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**VDI**  
**55**

**TIPO - TYPE**  
Radiale Doppio  
Double Radial

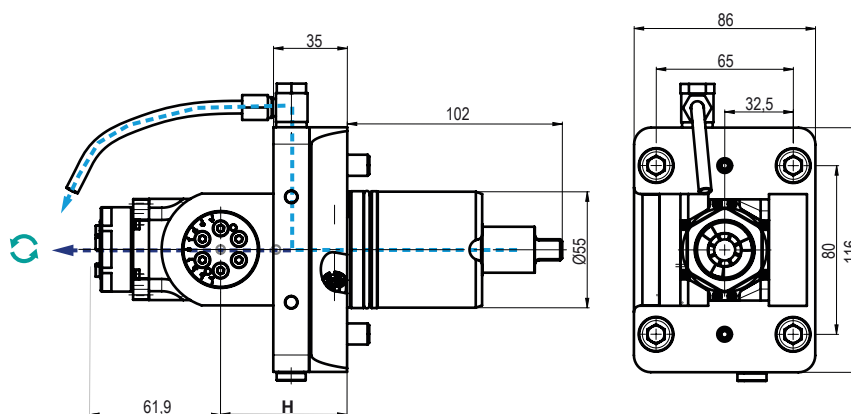
**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE**  
**COOLANT**  
Esterno  
External

**RATIO**  
1:1

**ROTAZIONE - ROTATION**  
Uguale ed opposto al mandrino  
Same and opposite as m. spindle

| Code      | Output | Int Cool. | H  | Nm | Rpm   | kw |  |
|-----------|--------|-----------|----|----|-------|----|--|
| 99.OK.A05 | ER-25  | NO        | 65 | 40 | 6.000 | 10 |  |

**5**

**TIPO - TYPE**  
Orientabile ±90°  
±90° Adjustable

**USCITA - OUTPUT**  
Porta Pinza  
Collet Chuck

**REFRIGERANTE**  
**COOLANT**  
70 bar

**RATIO**  
1:1

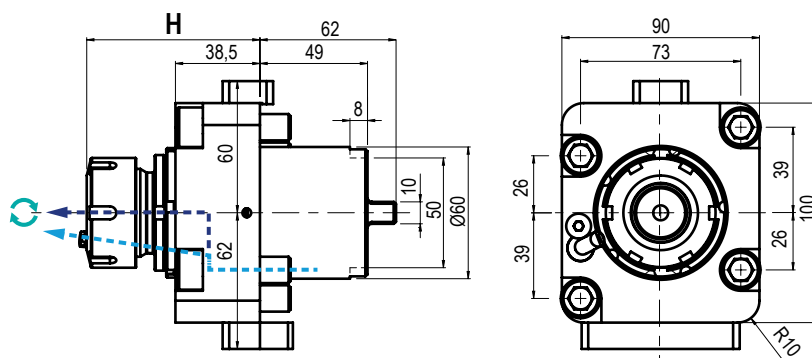
**ROTAZIONE - ROTATION**  
Opposto al mandrino  
Opposite to machine spindle

| Code      | Output | Int Cool. | H  | Nm | Rpm   | kw |  |
|-----------|--------|-----------|----|----|-------|----|--|
| 99.OK.A06 | ER-20  | NO        | 60 | 14 | 6.000 | 5  |  |
| 99.OK.A07 | ER-20  | ✓         | 60 | 14 | 6.000 | 5  |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

OKUMA

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**60**


TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

70 bar



RATIO

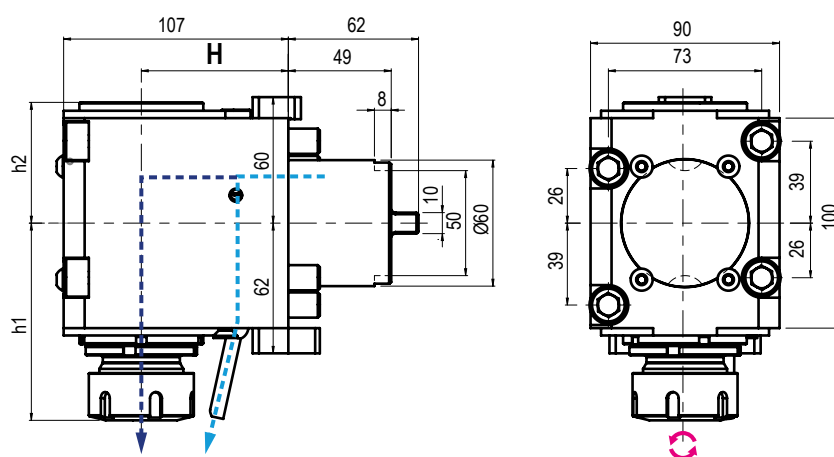
1:1



ROTAZIONE - ROTATION

 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H      | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|--------|----|-------|----|--|
| 99.OK.A80 | ER-32 - Ø2+20 | NO        | Max 79 | 60 | 6.000 | 6  |  |
| 99.OK.A81 | ER-32 - Ø2+20 | ✓         | Max 79 | 60 | 6.000 | 6  |  |



TIPO - TYPE

 Radiale  
 Radial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

70 bar



RATIO

1:1



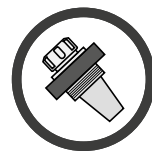
ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

| Code      | Output        | Int Cool. | H  | h1 | h2   | Nm | Rpm   | kw |  |
|-----------|---------------|-----------|----|----|------|----|-------|----|--|
| 99.OK.A82 | ER-32 - Ø2+20 | NO        | 70 | 94 | 57,5 | 60 | 6.000 | 6  |  |
| 99.OK.A83 | ER-32 - Ø2+20 | ✓         | 70 | 94 | 57,5 | 60 | 6.000 | 6  |  |



# Q MODULAR QUICK CHANGE ADAPTORS



COMPATIBILI CON TUTTE LE USCITE ER - COMPATIBLE WITH ALL ER OUTPUTS

## SISTEMA MODULARE MODULAR SYSTEM



Facile e veloce sistema modulare universale per cambiare rapidamente diverse tipologie di utensili.

An easy modular system to replace quickly any tool you need.

## VANTAGGI ADVANTAGES



Aiutano a ridurre i costi-extra per l'acquisto di nuovi motorizzati o teste angolari.

The costs for further requirements of spindle units can be reduced by using the universal quick change adaptors

## ALTE PRESTAZIONI HIGH PERFORMANCE



Ghiera con cuscinetto a sfera e losanga di trascinamento removibile per una maggiore rigidità.

High rigidity thanks to the ball bearing nut and the removable diamond plate

## COMPATIBILITÀ COMPATIBILITY



Ampia gamma di uscite disponibili adatte al montaggio su qualsiasi tipologia di motorizzato o testa angolare con uscita ER

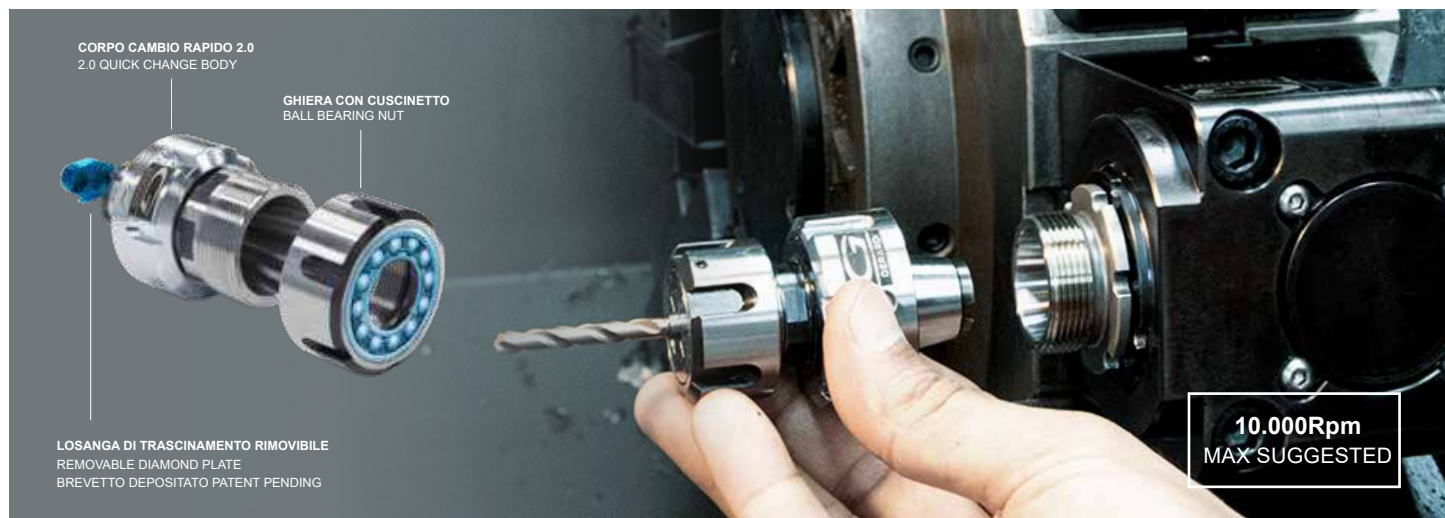
Wide range of outputs available. Ball bearing nut and removable diamond plate for highest rigidity.

I cambi rapidi modulari Gerardi mantenendo il presetting precedentemente realizzato consentono un notevole risparmio dei costi ed un ottimizzazione dei tempi ciclo. Sono perfettamente compatibili con tutti i motorizzati e le teste angolari aventi uscita ER DIN6499 e possono essere utilizzati sia con refrigerante interno che esterno.

- Nuovi cambi rapidi modulari 2.0 a FORTE SERRAGGIO, 100% Made in Italy.
- Prestazioni garantite e maggior rigidità sui motorizzati Gerardi grazie alla losanga di trascinamento (rimovibile) e alla ghiera con cuscinetto a sfera.
- Adattabili a motorizzati con uscita refrigerante sia interna che esterna.
- Si consiglia di non superare i 10.000 Rpm utilizzando i cambi rapidi

The Gerardi modular quick change adaptors keep the tool presetting previously made and allow great costs and machining times saving. They are perfectly compatible with all driven tools and angle head with ER DIN6499 output and they can be used with internal or external coolant.

- Universal HIGH TORQUE modular quick change adaptor 100% Made in Italy.
- Guaranteed higher rigidity and performances on Gerardi driven tools thanks to the removable diamond plate and the ball bearing nut
- Suitable for ER toolholder with external and internal coolant supply
- Using the quick change adaptors, we suggest not to exceed 10.000 Rpm



Vedi Pagine 7.14 - 7.15 - See pages 7.14 - 7.15



ER OUTPUTS COMPATIBLE



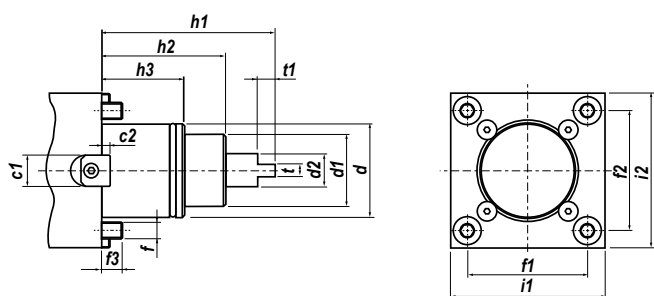
2 YEARS GUARANTEED



100% MADE IN ITALY

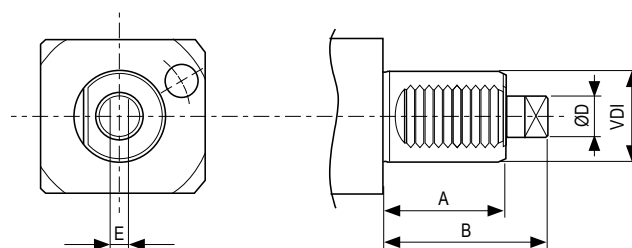


## BMT



| Type  | d  | d1 | d2 | f | f1 | f2 | f3 | h1 | h2 | h3 | i1 | i2 | t | t1 |
|-------|----|----|----|---|----|----|----|----|----|----|----|----|---|----|
| BMT45 | 45 | 35 | 24 | - | 58 | 58 | -  | 72 | 49 | 35 | 75 | 75 | 8 | 7  |

## VDI



| Type   | A  | B  | ØD | E |
|--------|----|----|----|---|
| VDI 25 | 45 | 73 | 23 | 8 |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

**COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS**



### DOTAZIONE STANDARD STANDARD EQUIPMENT

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Tool shaft lock wrench / cooling nozzle / nozzle lock screws / Driven tool locking screws / O-ring



### CAMBI RAPIDI MODULARI MODULAR QUICK CHANGE

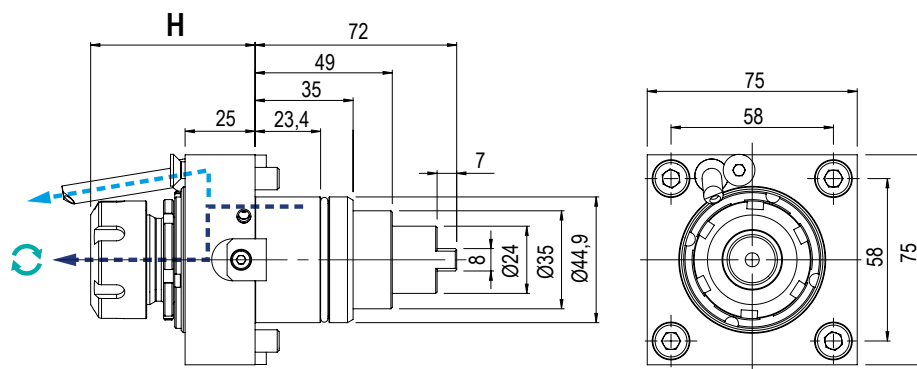
Vedi pag. 7.12 - 7.15  
See page 7.12 - 7.15  
Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).

Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

SPINNER

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
45**

 TIPO - TYPE  
 Assiale  
 Axial

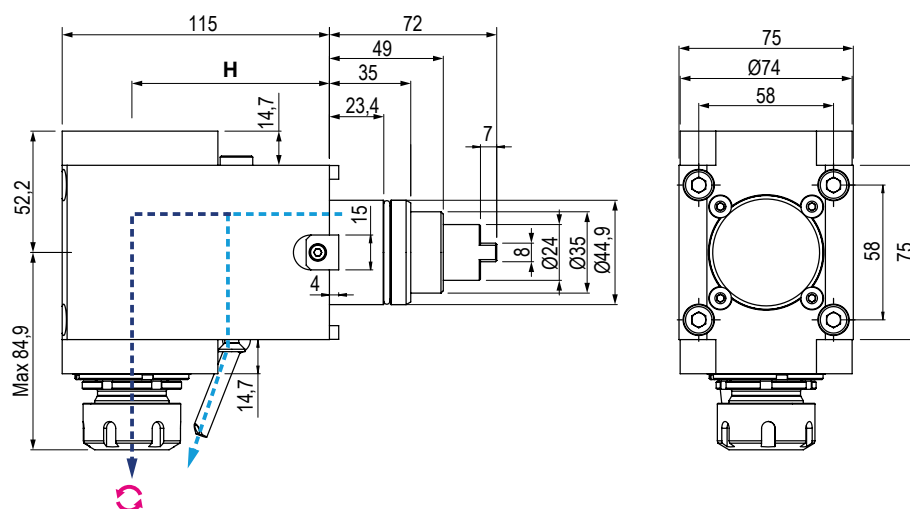
 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code     | Output      | Int Cool. | H        | Nm | Rpm   | kw |  |
|----------|-------------|-----------|----------|----|-------|----|--|
| 99.SPA01 | ER-25 Ø1+16 | NO        | Max 58,7 | 35 | 8.000 | 6  |  |
| 99.SPA02 | ER-25 Ø1+16 | ✓         | Max 58,7 | 35 | 8.000 | 6  |  |
| 99.SPA03 | ER-32 Ø2+20 | NO        | Max 81   | 35 | 8.000 | 6  |  |
| 99.SPA04 | ER-32 Ø2+20 | ✓         | Max 81   | 35 | 8.000 | 6  |  |

**5**

 TIPO - TYPE  
 Assiale  
 Axial

 USCITA - OUTPUT  
 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

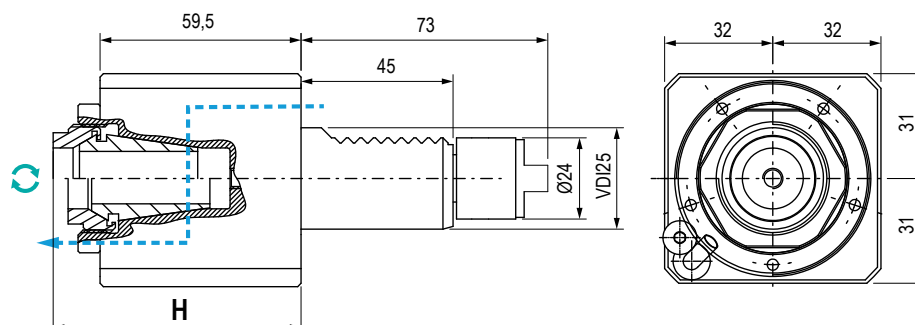
| Code     | Output      | Int Cool. | H  | h1   | h2   | Nm | Rpm   | kw |  |
|----------|-------------|-----------|----|------|------|----|-------|----|--|
| 99.SPA05 | ER-25 Ø1+16 | NO        | 85 | 84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.SPA06 | ER-25 Ø1+16 | ✓         | 85 | 84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.SPA07 | ER-32 Ø2+20 | NO        | 85 | 84,9 | 52,2 | 35 | 8.000 | 6  |  |
| 99.SPA08 | ER-32 Ø2+20 | ✓         | 85 | 84,9 | 52,2 | 35 | 8.000 | 6  |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

## SPINNER

**Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13**

# VDI 25



TIPO - TYPE

Assialo  
Axial



USCITA - OUTPUT

### Porta Pinza Collet Chuck

REFRIGERANTE  
COOLANT

80 bar



RATIO

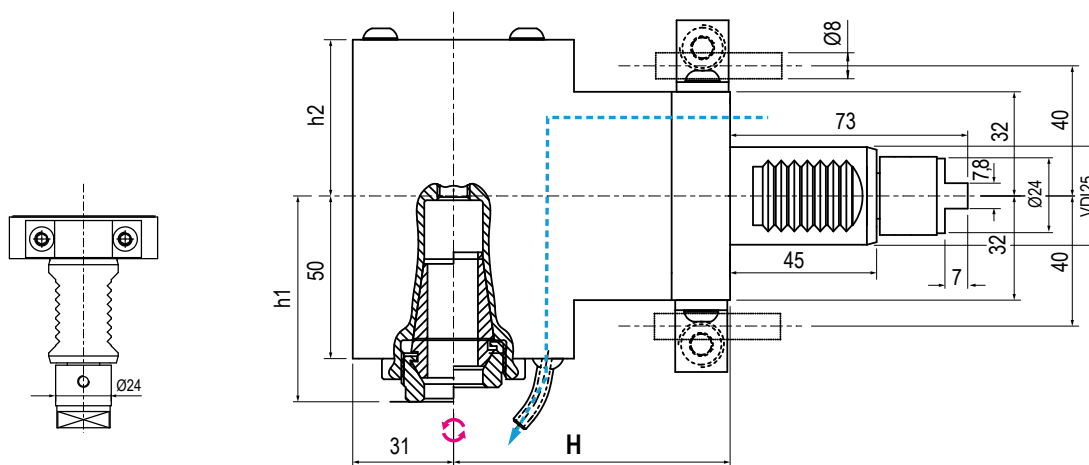
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output      | Int Cool. | H                 | Nm | Rpm   | kw |  |
|-----------|-------------|-----------|-------------------|----|-------|----|--|
| 99.SP.A09 | ER-25 Ø1+16 | NO        | Min 69 - Max 73,5 | 40 | 7.000 | 8  |  |
| 99.SP.A11 | ER-25 Ø1+16 | ✓         | Min 69 - Max 73,5 | 40 | 7.000 | 8  |  |



TIPO - TYPE

Radiale  
Radial

USCITA - OUTPUT

## Porta Pinza Collet Chuck

REFRIGERANTE  
COOLANT

**80 bar**



RATIO

1:1



ROTAZIONE - ROTATION

Opposto al mandrino  
Opposite to machine spindle

| Code      | Output      | Int Cool. | H  | h1          | h2 | Nm | Rpm   | kw |  |
|-----------|-------------|-----------|----|-------------|----|----|-------|----|--|
| 99.SP.A10 | ER-25 Ø1+16 | NO        | 85 | 58,8 ÷ 63,3 | 48 | 40 | 7.000 | 8  |  |
| 99.SP.A12 | ER-25 Ø1+16 | ✓         | 85 | 58,8 ÷ 63,3 | 48 | 40 | 7.000 | 8  |  |

# In arrivo Motorizzati Potenziati! Upgraded Driven Tools are coming!

## HIGH PERFORMANCE

**Elevata coppia e 12.000 Rpm per lavorazioni a secco!**  
High torque and 12.000 Rpm for dry running!

**Modelli Biglia già disponibili a catalogo. Prossimamente DMG MORI!**  
Biglia models already available in the catalogue. Coming soon DMG MORI!



### MASSIME PRESTAZIONI E PROGETTAZIONE OTTIMIZZATA

Maximum Performance and Optimised Design

- Progettazione ottimizzata nella struttura e nei cuscinetti
- Migliori performance in fresatura e foratura
- Albero principale esente da usura
- Optimized design in the structure and bearings
- Better performance in milling and drilling
- Wear-free main shaft



### EFFICIENZA TERMICA E MANUTENZIONE SEMPLIFICATA

Thermal efficiency and simplified maintenance

- Ridotto incremento delle temperature
- Tenuta meccanica senza guarnizione
- Montaggio smontaggio semplificati
- Intervalli di manutenzione ridotti
- Reduced increase in temperatures
- Mechanical seal without gasket
- Simplified assembly and disassembly
- Reduced maintenance intervals



### POSSIBILITÀ DI LAVORARE A SECCO

Dry running available

- Possibilità di lavorare a secco ad alte velocità (ma con valori ridotti del 70%)
- Continuo miglioramento della tecnologia di tenuta
- Possibility of dry running at high speeds (but with values reduced by 70%)
- Continuous improvement of sealing technology



### CHIAVE DI BLOCCAGGIO CON SISTEMA "SENZA MANI"

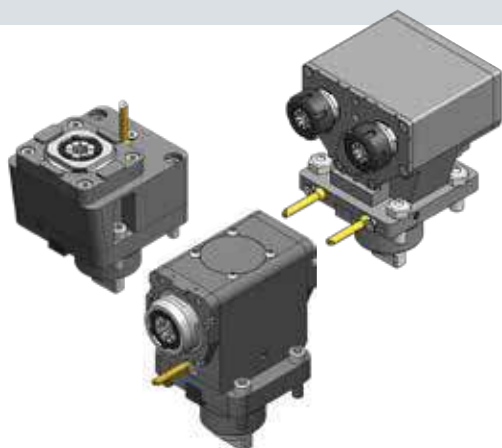
'Hands-free' locking wrench

- La chiave di bloccaggio dell'albero portapinza rimane fissa liberando una mano per un migliore serraggio dell'utensile
- Ridotto il tempo operativo di attrezzaggio
- The collet holder shaft locking key remains fixed, freeing one hand for better tightening of the tool
- Reduced operating time when tooling up the machine.

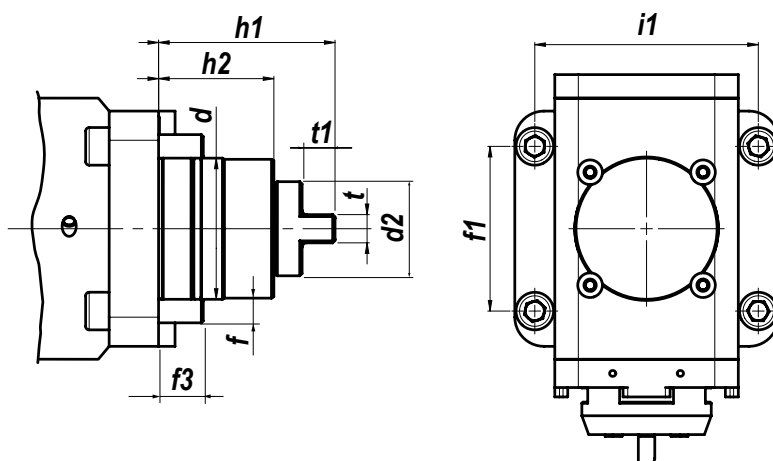
**Contatta il tuo Agente di zona - Ask to your area Distributor**

**PROSSIMAMENTE NUOVI MODELLI!**  
**NEW MODELS COMING SOON!**





**NEW**  
**2025**



| Type  | d  | d1 | f  | f1 | f3    | h1 | h2 | i1 | t  | t1 |
|-------|----|----|----|----|-------|----|----|----|----|----|
| BMT60 | 60 | 10 | 10 | 70 | 15-20 | 75 | 40 | 95 | 12 | 14 |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS



**DOTAZIONE STANDARD**  
STANDARD EQUIPMENT

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Shaft lock wrench / cooling nozzle / nozzle lock screws / driven tool locking screws / O-ring



**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
MODULAR QUICK CHANGE See page 7.12 - 7.15

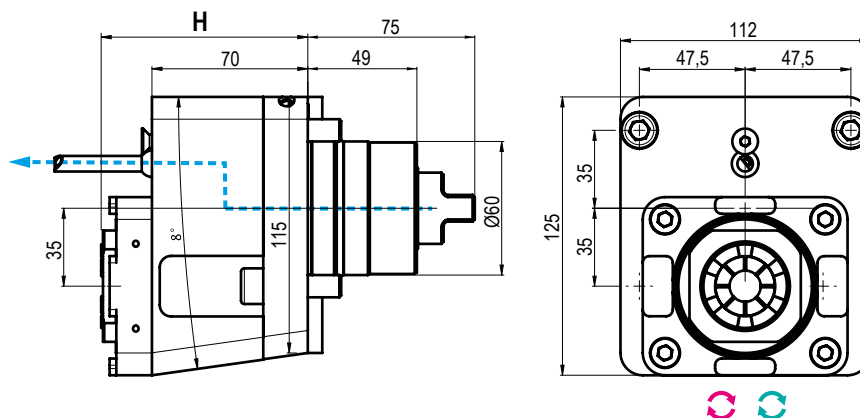
Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).  
Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

 TS-3000-5000  
 T12 2-KEY-TURRET

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
60**

**NEW  
2025**


TIPO - TYPE

 Assiale  
 Axial


USCITA - OUTPUT

 Porta Pinza ES  
 ES Collet Chunk

 REFRIGERANTE  
 COOLANT

 Esterno  
 External


RATIO

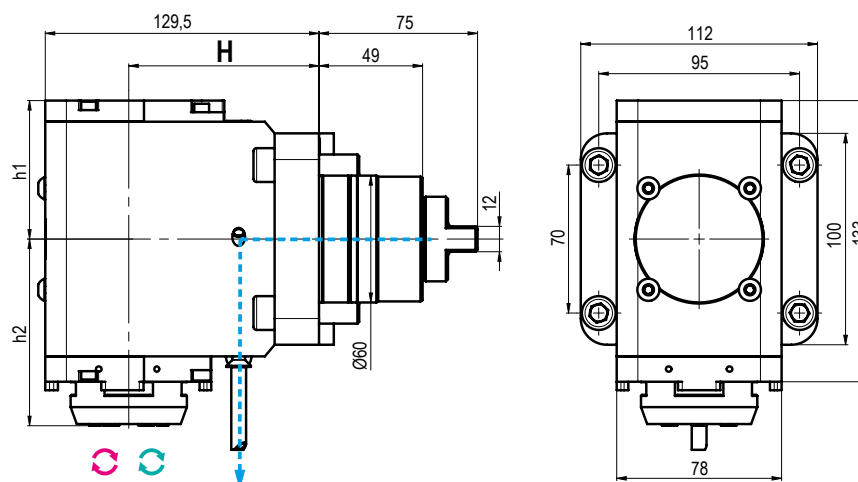
1:1



ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

| Code      | Output        | Int Cool. | H  | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|-------|--|
| 99.TA.A01 | ER-32 - Ø2÷20 | NO        | 93 | 25 | 6.000 |  |

**5**

**NEW  
2025**


TIPO - TYPE

 Radiale  
 Radial


USCITA - OUTPUT

 Porta Pinza ES  
 ES Collet Chunk

 REFRIGERANTE  
 COOLANT

 Esterno  
 External


RATIO

1:1



ROTAZIONE - ROTATION

 Opposto al mandrino  
 Opposite to machine spindle

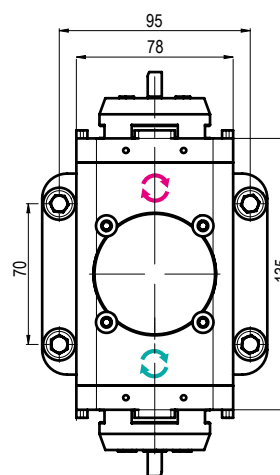
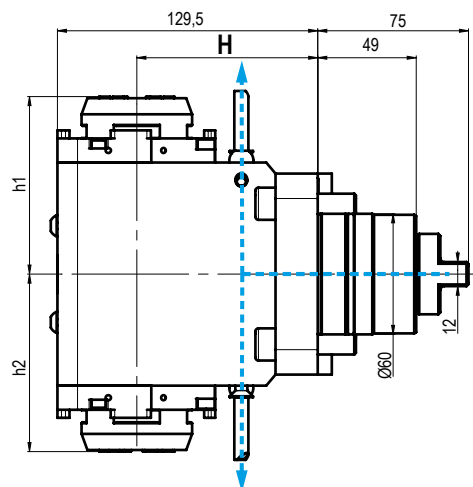
| Code      | Output        | Int Cool. | H  | h1   | h2 | Nm | Rpm   |  |
|-----------|---------------|-----------|----|------|----|----|-------|--|
| 99.TA.A02 | ER-32 - Ø2÷20 | NO        | 90 | 65,5 | 88 | 50 | 8.000 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

 TS-3000-5000  
 T12 2-KEY-TURRET

DMG MORI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13


**BMT  
60**

 NEW  
2025

 TIPO - TYPE  
**Radiale Doppio**  
 Double Radial

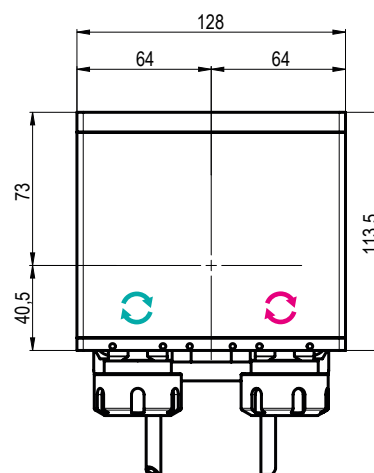
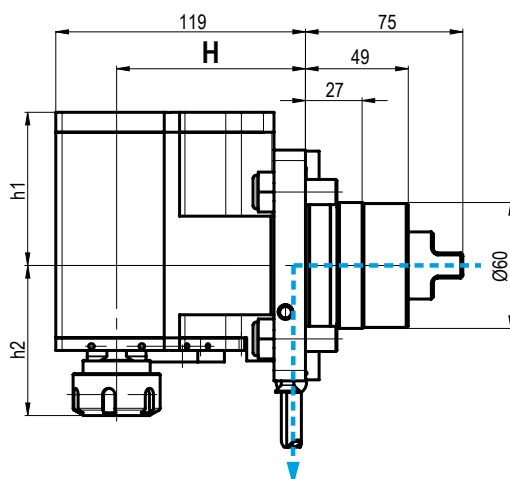
 USCITA - OUTPUT  
**Porta Pinza ES**  
 ES Collet Chunk

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale / opposto al mandrino**  
 Same / opposite as m. spindle

| Code      | Output        | Int Cool. | H  | h1 | h2 | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|----|----|-------|--|
| 99.TA.A03 | ER-25 - Ø1+16 | NO        | 90 | 85 | 85 | 50 | 8.000 |  |
| 99.TA.A04 | ER-32 - Ø2+20 | NO        | 90 | 88 | 88 | 50 | 8.000 |  |


 NEW  
2025

 TIPO - TYPE  
**Radiale Doppio**  
 Double Radial

 USCITA - OUTPUT  
**Porta Pinza Collet**  
 Collet Chunk

 REFRIGERANTE  
 COOLANT  
**Esterno**  
 External

 RATIO  
**1:1**

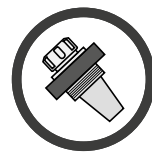
 ROTAZIONE - ROTATION  
**Uguale / opposto al mandrino**  
 Same / opposite as m. spindle

| Code      | Output        | Int Cool. | H  | h1 | h2 | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|----|----|-------|--|
| 99.TA.A05 | ER-25 - Ø1+16 | NO        | 90 | 73 | 72 | 40 | 6.000 |  |





# MODULAR QUICK CHANGE ADAPTORS



COMPATIBILI CON TUTTE LE USCITE ER - COMPATIBLE WITH ALL ER OUTPUTS

## SISTEMA MODULARE MODULAR SYSTEM



Facile e veloce sistema modulare universale per cambiare rapidamente diverse tipologie di utensili.

An easy modular system to replace quickly any tool you need.

## VANTAGGI ADVANTAGES



Aiutano a ridurre i costi-extra per l'acquisto di nuovi motorizzati o teste angolari.

The costs for further requirements of spindle units can be reduced by using the universal quick change adaptors

## ALTE PRESTAZIONI HIGH PERFORMANCE



Ghiera con cuscinetto a sfera e losanga di trascinamento removibile per una maggiore rigidità.

High rigidity thanks to the ball bearing nut and the removable diamond plate

## COMPATIBILITÀ COMPATIBILITY



Ampia gamma di uscite disponibili adatte al montaggio su qualsiasi tipologia di motorizzato o testa angolare con uscita ER

Wide range of outputs available. Ball bearing nut and removable diamond plate for highest rigidity.

I cambi rapidi modulari Gerardi mantenendo il presetting precedentemente realizzato consentono un notevole risparmio dei costi ed un ottimizzazione dei tempi ciclo. Sono perfettamente compatibili con tutti i motorizzati e le teste angolari aventi uscita ER DIN6499 e possono essere utilizzati sia con refrigerante interno che esterno.

- Nuovi cambi rapidi modulari 2.0 a FORTE SERRAGGIO, 100% Made in Italy.
- Prestazioni garantite e maggior rigidità sui motorizzati Gerardi grazie alla losanga di trascinamento (rimovibile) e alla ghiera con cuscinetto a sfera.
- Adattabili a motorizzati con uscita refrigerante sia interna che esterna.
- Si consiglia di non superare i 10.000 Rpm utilizzando i cambi rapidi

The Gerardi modular quick change adaptors keep the tool presetting previously made and allow great costs and machining times saving. They are perfectly compatible with all driven tools and angle head with ER DIN6499 output and they can be used with internal or external coolant.

- Universal HIGH TORQUE modular quick change adaptor 100% Made in Italy.
- Guaranteed higher rigidity and performances on Gerardi driven tools thanks to the removable diamond plate and the ball bearing nut
- Suitable for ER toolholder with external and internal coolant supply
- Using the quick change adaptors, we suggest not to exceed 10.000 Rpm



CORPO CAMBIO RAPIDO 2.0  
2.0 QUICK CHANGE BODY

GHIERA CON CUSCINETTO  
BALL BEARING NUT

LOSANGA DI TRASCINAMENTO RIMOVIBILE  
REMOVABLE DIAMOND PLATE  
BREVETTO DEPOSITATO PATENT PENDING

10.000Rpm  
MAX SUGGESTED

Vedi Pagine 7.14 - 7.15 - See pages 7.14 - 7.15



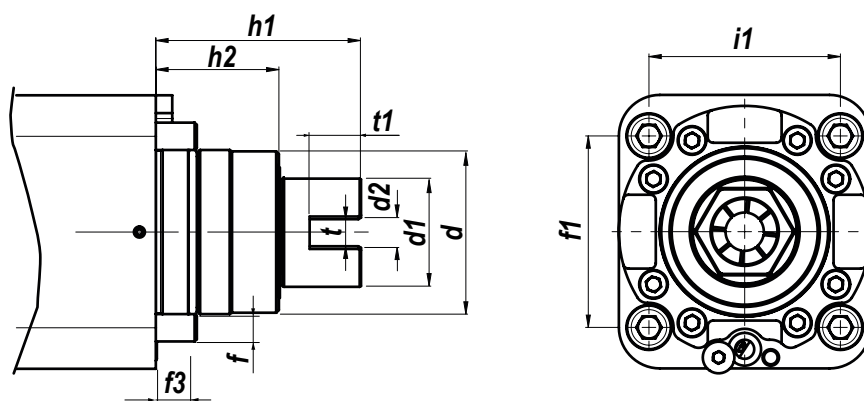
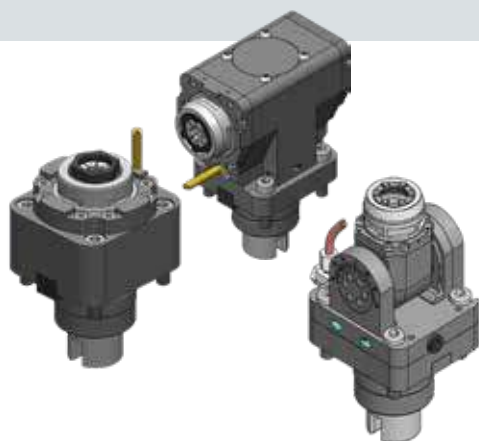
ER OUTPUTS COMPATIBLE



2 YEARS GUARANTEED



100% MADE IN ITALY



| Type  | d  | d1 | d2 | f  | f1 | f3    | h1 | h2 | i1 | t  | t1 |
|-------|----|----|----|----|----|-------|----|----|----|----|----|
| BMT60 | 60 | 40 | 10 | 10 | 70 | 15-20 | 75 | 45 | 70 | 10 | 19 |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**
**COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS**

**DOTAZIONE STANDARD  
STANDARD EQUIPMENT**

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
 Shaft lock wrench / cooling nozzle / nozzle lock screws / driven tool locking screws / O-ring


**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
**MODULAR QUICK CHANGE** See page 7.12 - 7.15

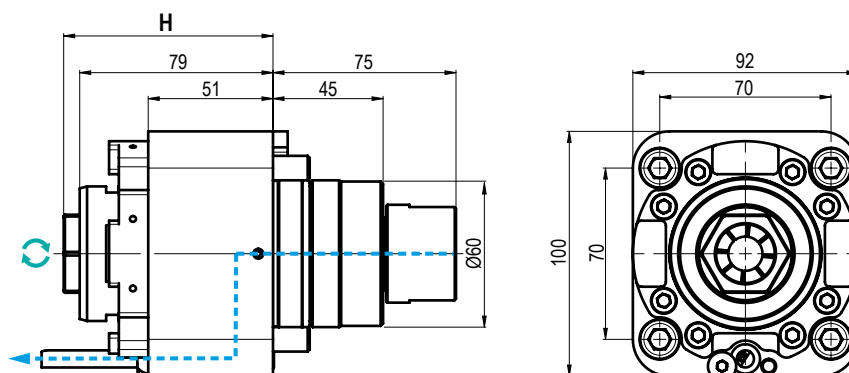
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 Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

 EX 308 / 310 / 508 / 509 / 510 / 710 / 908 / 910 - EX 1500/2000 YT-YS  
 EX NEX 508/510/908/910 - FX 800 - LA 250/300 M-Y - LA 250 YS-YT-T15 -  
 LX 2500M-Y - MX 800 - NEX 108/110 M-Y - VTL 450M

DOOSAN

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
60**

**NEW  
2025**

 TIPO - TYPE  
 Assiale  
 Axial

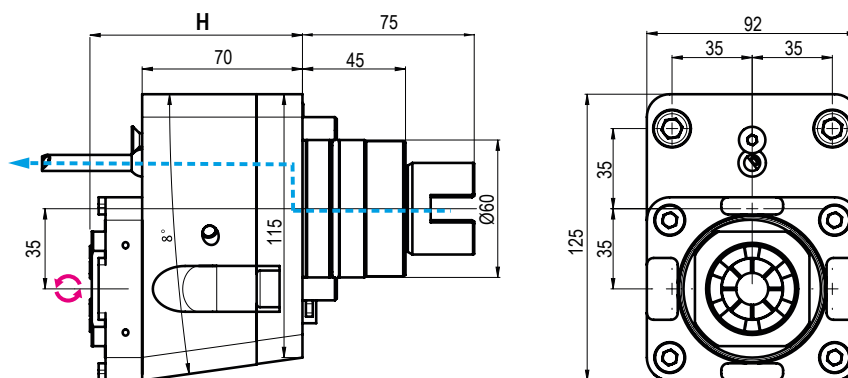
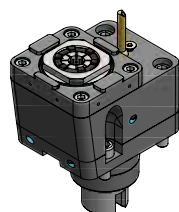
 USCITA - OUTPUT  
 Porta Pinza ES  
 ES Collet Chunk

 REFRIGERANTE  
 COOLANT  
 80 bar

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|-------|--|
| 99.TK.A12 | ER-32 - Ø2÷20 | NO        | 86 | 60 | 6.000 |  |
| 99.TK.A13 | ER-32 - Ø2÷20 | ✓         | 86 | 60 | 6.000 |  |
| 99.TK.A18 | ER-32 - Ø2÷20 | NO        | 86 | 60 | 8.000 |  |
| 99.TK.A19 | ER-32 - Ø2÷20 | ✓         | 86 | 60 | 8.000 |  |

**5**

**NEW  
2025**

 TIPO - TYPE  
 Assiale  
 Axial

 USCITA - OUTPUT  
 Porta Pinza ES  
 ES Collet Chunk

 REFRIGERANTE  
 COOLANT  
 Esterno  
 External

 RATIO  
 1:1

 ROTAZIONE - ROTATION  
 Opposto al mandrino  
 Opposite to machine spindle

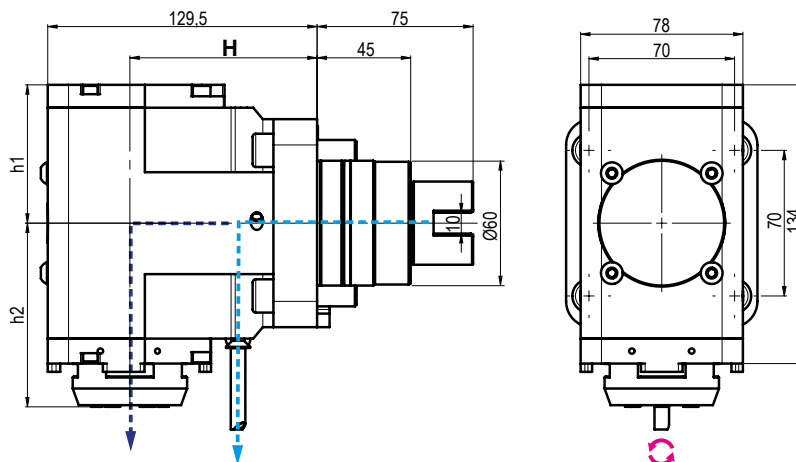
| Code      | Output        | Int Cool. | H  | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|-------|--|
| 99.TK.A17 | ER-32 - Ø2÷20 | NO        | 93 | 25 | 6.000 |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

EX 308 / 310 / 508 / 509 / 510 / 710 / 908 / 910 - EX 1500/2000 YT-YS  
EX NEX 508/510/908/910 - FX 800 - LA 250/300 M-Y - LA 250 YS-YT-T15 -  
LX 2500M-Y - MX 800 - NEX 108/110 M-Y - VTL 450M

DOOSAN

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



NEW  
2025



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Porta Pinza ES  
ES Collet Chunk



REFRIGERANTE  
COOLANT

80 bar



RATIO

1:1



ROTAZIONE - ROTATION

Opposto al mandrino  
Opposite to machine spindle

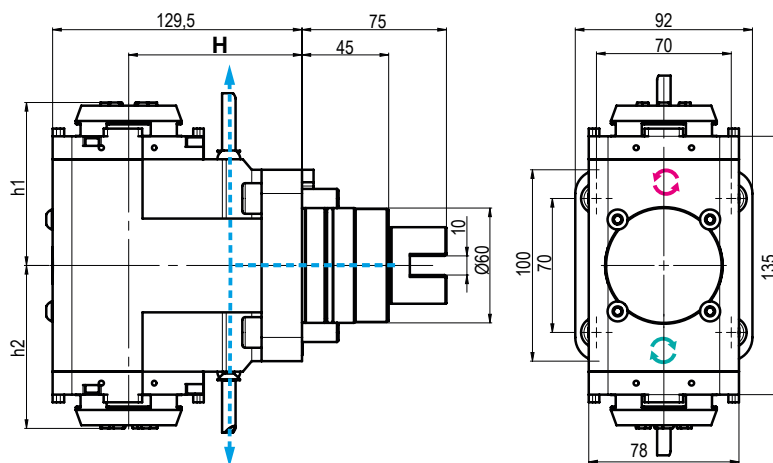
| Code      | Output        | Int Cool. | H  | h1   | h2 | Nm | Rpm   |  |
|-----------|---------------|-----------|----|------|----|----|-------|--|
| 99.TK.A24 | ER-32 - Ø2+20 | NO        | 90 | 65,5 | 88 | 50 | 8.000 |  |
| 99.TK.A25 | ER-32 - Ø2+20 | ✓         | 90 | 66,5 | 88 | 50 | 8.000 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

 EX 308 / 310 / 508 / 509 / 510 / 710 / 908 / 910 - EX 1500/2000 YT-YS  
 EX NEX 508/510/908/910 - FX 800 - LA 250/300 M-Y - LA 250 YS-YT-T15 -  
 LX 2500M-Y - MX 800 - NEX 108/110 M-Y - VTL 450M

DOOSAN

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
60**

**NEW  
2025**

 TIPO - TYPE  
**Radiale Doppio  
Double Radial**

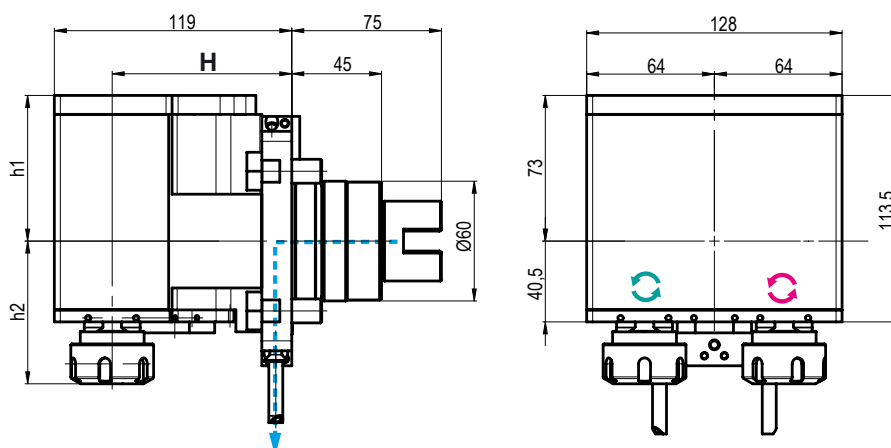
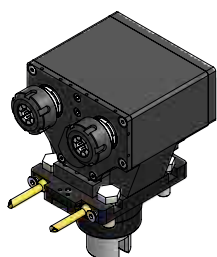
 USCITA - OUTPUT  
**Porta Pinza ES  
ES Collet Chunk**

 REFRIGERANTE  
 COOLANT  
**80 bar**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale / opposto al mandrino  
Same / opposite as m. spindle**

| Code      | Output           | Int Cool. | H  | h1 | h2 | Nm | Rpm   |  |
|-----------|------------------|-----------|----|----|----|----|-------|--|
| 99.TK.A28 | ER-25-25 - Ø1+16 | NO        | 90 | 85 | 85 | 50 | 8.000 |  |
| 99.TK.A29 | ER-32-32 - Ø2+20 | NO        | 90 | 88 | 88 | 50 | 8.000 |  |

**5**

**NEW  
2025**

 TIPO - TYPE  
**Radiale Doppio  
Double Radial**

 USCITA - OUTPUT  
**Porta Pinza ES  
ES Collet Chunk**

 REFRIGERANTE  
 COOLANT  
**Esterno  
External**

 RATIO  
**1:1**

 ROTAZIONE - ROTATION  
**Uguale / opposto al mandrino  
Same / opposite as m. spindle**

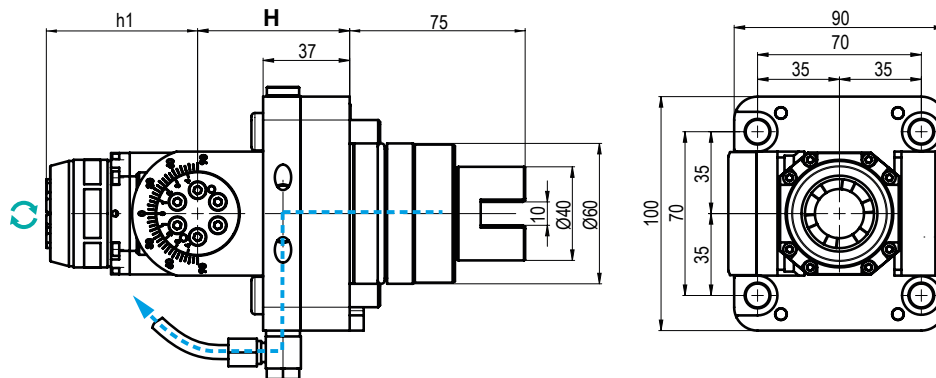
| Code      | Output        | Int Cool. | H  | h1 | h2 | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|----|----|-------|--|
| 99.TK.A09 | ER-25 - Ø1+16 | NO        | 90 | 73 | 72 | 40 | 6.000 |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

EX 308 / 310 / 508 / 509 / 510 / 710 / 908 / 910 - EX 1500/2000 YT-YS  
EX NEX 508/510/908/910 - FX 800 - LA 250/300 M-Y - LA 250 YS-YT-T15 -  
LX 2500M-Y - MX 800 - NEX 108/110 M-Y - VTL 450M

DOOSAN

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13



NEW  
2025



TIPO - TYPE

Orientabile  
Adjustable



USCITA - OUTPUT

Porta Pinza ES  
ES Collet Chunk



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

1:1



ROTAZIONE - ROTATION

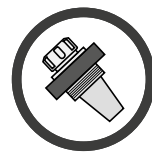
Uguale al mandrino  
Same as machine spindle

| Code      | Output | Int Cool. | H  | h1    | Nm | Rpm   |  |
|-----------|--------|-----------|----|-------|----|-------|--|
| 99.TK.A22 | ER-16  | ✓         | 65 | 114,5 | 20 | 6.000 |  |
| 99.TK.A23 | ER-25  | NO        | 65 | 130   | 25 | 6.000 |  |





# MODULAR QUICK CHANGE ADAPTORS



COMPATIBILI CON TUTTE LE USCITE ER - COMPATIBLE WITH ALL ER OUTPUTS

## SISTEMA MODULARE MODULAR SYSTEM



Facile e veloce sistema modulare universale per cambiare rapidamente diverse tipologie di utensili.

An easy modular system to replace quickly any tool you need.

## VANTAGGI ADVANTAGES



Aiutano a ridurre i costi-extra per l'acquisto di nuovi motorizzati o teste angolari.

The costs for further requirements of spindle units can be reduced by using the universal quick change adaptors

## ALTE PRESTAZIONI HIGH PERFORMANCE



Ghiera con cuscinetto a sfera e losanga di trascinamento removibile per una maggiore rigidità.

High rigidity thanks to the ball bearing nut and the removable diamond plate

## COMPATIBILITÀ COMPATIBILITY



Ampia gamma di uscite disponibili adatte al montaggio su qualsiasi tipologia di motorizzato o testa angolare con uscita ER

Wide range of outputs available. Ball bearing nut and removable diamond plate for highest rigidity.

I cambi rapidi modulari Gerardi mantenendo il presetting precedentemente realizzato consentono un notevole risparmio dei costi ed un ottimizzazione dei tempi ciclo. Sono perfettamente compatibili con tutti i motorizzati e le teste angolari aventi uscita ER DIN6499 e possono essere utilizzati sia con refrigerante interno che esterno.

- Nuovi cambi rapidi modulari 2.0 a FORTE SERRAGGIO, 100% Made in Italy.
- Prestazioni garantite e maggior rigidità sui motorizzati Gerardi grazie alla losanga di trascinamento (rimovibile) e alla ghiera con cuscinetto a sfera.
- Adattabili a motorizzati con uscita refrigerante sia interna che esterna.
- Si consiglia di non superare i 10.000 Rpm utilizzando i cambi rapidi

The Gerardi modular quick change adaptors keep the tool presetting previously made and allow great costs and machining times saving. They are perfectly compatible with all driven tools and angle head with ER DIN6499 output and they can be used with internal or external coolant.

- Universal HIGH TORQUE modular quick change adaptor 100% Made in Italy.
- Guaranteed higher rigidity and performances on Gerardi driven tools thanks to the removable diamond plate and the ball bearing nut
- Suitable for ER toolholder with external and internal coolant supply
- Using the quick change adaptors, we suggest not to exceed 10.000 Rpm



Vedi Pagine 7.14 - 7.15 - See pages 7.14 - 7.15



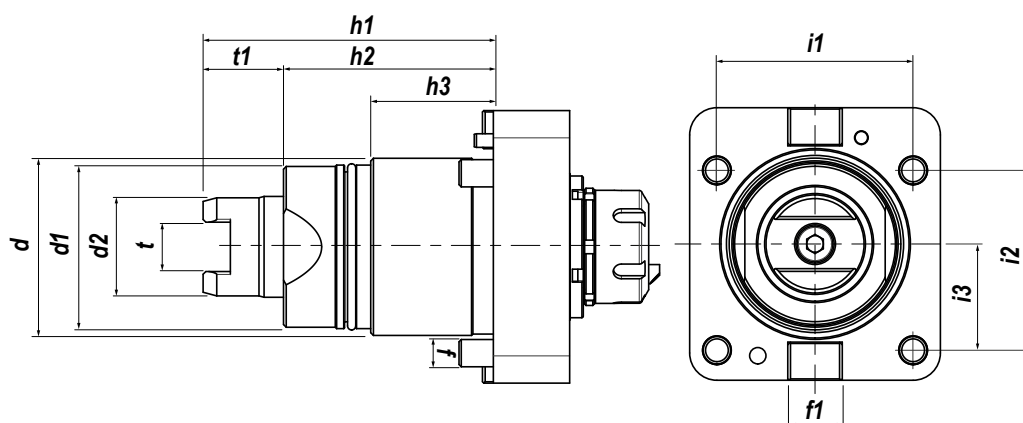
ER OUTPUTS COMPATIBLE



2 YEARS GUARANTEED



100% MADE IN ITALY



| Type  | d  | d1 | d2 | f  | f1 | i1 | i2 | i3 | h1    | h2 | h3 | t    | t1   |
|-------|----|----|----|----|----|----|----|----|-------|----|----|------|------|
| BMT65 | 65 | 60 | 37 | 10 | 20 | 72 | 66 | 39 | 106,5 | 77 | 45 | 18,1 | 29,5 |

**IN FASE D'ORDINE SPECIFICARE - IN CASE OF ORDER PLEASE SPECIFY:**

COSTRUTTORE, MODELLO E NUMERO POSIZIONI IN TORRETTA - MACHINE BUILDER, MODEL AND TURRET POSITION NUMBERS



**DOTAZIONE STANDARD**  
STANDARD EQUIPMENT

Chiave bloccaggio albero / ugello refrigerazione / vite bloccaggio ugello / viti bloccaggio motorizzato / O-ring  
Tool shaft lock wrench / cooling nozzle / nozzle lock screws / driven tool locking screws / O-ring



**CAMBI RAPIDI MODULARI** Vedi pag. 7.12 - 7.15  
MODULAR QUICK CHANGE See page 7.12 - 7.15

Facile e veloce sistema modulare per il cambio rapido delle diverse tipologie di portautensili con la sede dell'utensile per pinza ER (DIN6499).

Modular toolholder system for the fitting of toolholders in a spindle unit with ER collets (DIN6499) outputs.

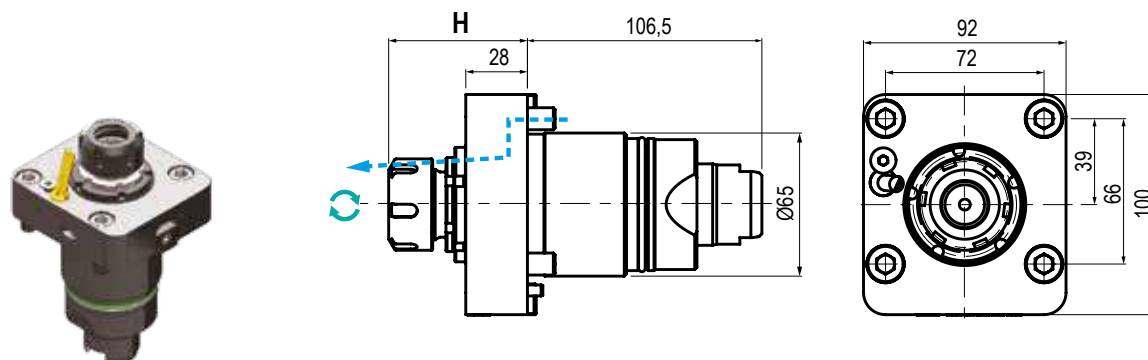


MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

TSUGAMI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**65**



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

1:1

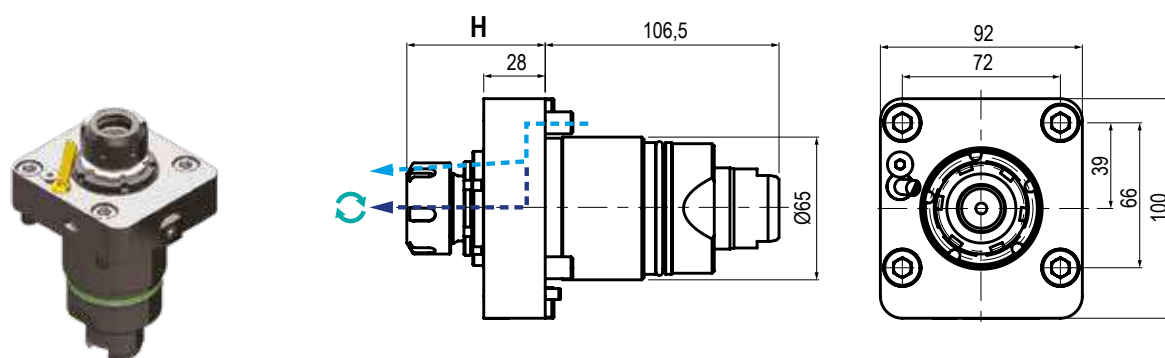


ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H     | Nm | Rpm   |  |
|-----------|---------------|-----------|-------|----|-------|--|
| 99.TS.A01 | ER-25 - Ø1÷16 | NO        | 62,9  | 40 | 8.000 |  |
| 99.TS.A03 | ER-32 - Ø2÷20 | NO        | 62÷67 | 40 | 8.000 |  |

5



TIPO - TYPE

Assiale  
Axial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

70 bar



RATIO

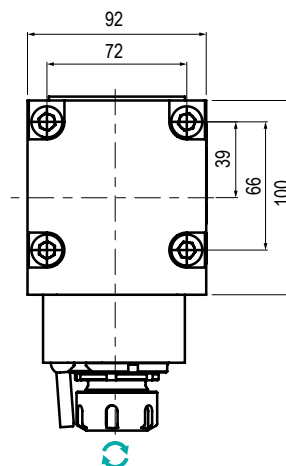
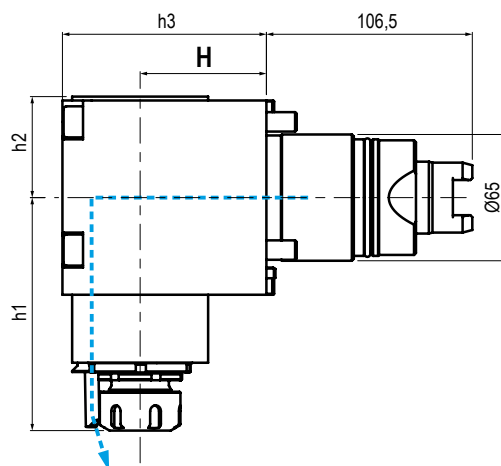
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H     | Nm | Rpm   |  |
|-----------|---------------|-----------|-------|----|-------|--|
| 99.TS.A02 | ER-25 - Ø1÷16 | ✓         | 55÷60 | 40 | 8.000 |  |
| 99.TS.A04 | ER-32 - Ø2÷20 | ✓         | 62÷67 | 40 | 8.000 |  |


**TIPO - TYPE**
**Radiale**  
Radial

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**Esterno**  
External

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

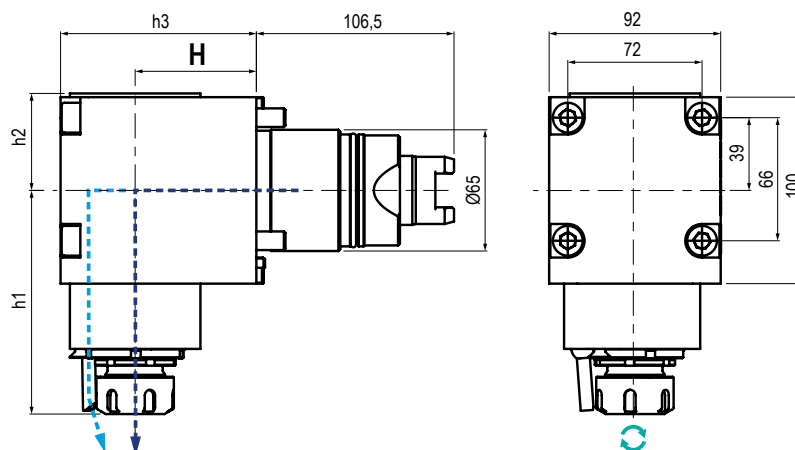
| Code      | Output        | Int Cool. | H  | h1        | h2 | h3  | Nm | Rpm   |  |
|-----------|---------------|-----------|----|-----------|----|-----|----|-------|--|
| 99.TS.A08 | ER-25 - Ø1+16 | NO        | 65 | 119,9     | 52 | 105 | 40 | 8.000 |  |
| 99.TS.A10 | ER-32 - Ø2+20 | NO        | 65 | 122       | 52 | 105 | 40 | 8.000 |  |
| 99.TS.A14 | ER-32 - Ø2+20 | NO        | 85 | 117,3+120 | 60 | 118 | 40 | 8.000 |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

TSUGAMI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**65**



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

100 bar



RATIO

1:1

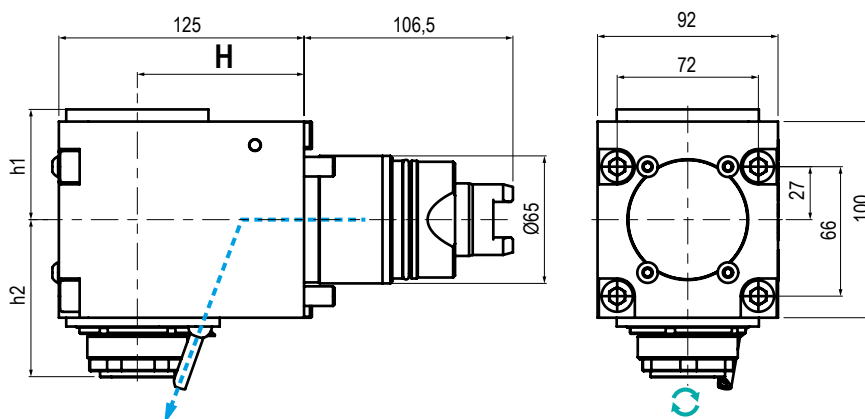


ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1         | h2 | Nm | Rpm   |  |
|-----------|---------------|-----------|----|------------|----|----|-------|--|
| 99.TS.A09 | ER-25 - Ø1÷16 | ✓         | 69 | 120        | 50 | 40 | 8.000 |  |
| 99.TS.A11 | ER-32 - Ø2÷20 | ✓         | 65 | 120÷122,09 | 52 | 40 | 8.000 |  |
| 99.TS.A15 | ER-32 - Ø2÷20 | ✓         | 85 | 121        | 52 | 40 | 8.000 |  |

**5**



TIPO - TYPE

Radiale  
Radial



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

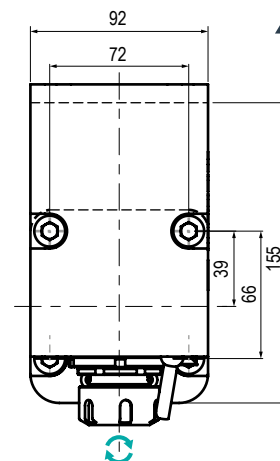
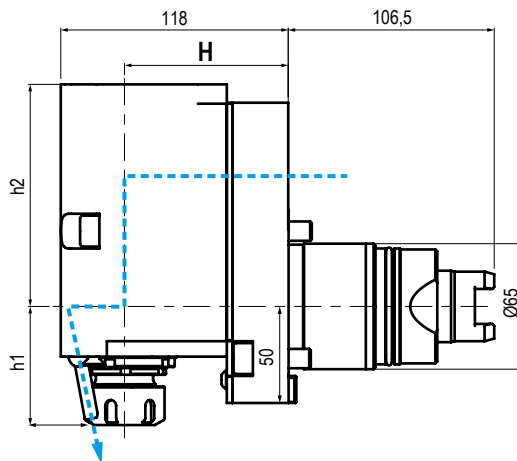
| Code      | Output        | Int Cool. | H  | h1 | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|----|-------|--|
| 99.TS.A16 | ER-32 - Ø2÷20 | NO        | 85 | 80 | 70 | 8.000 |  |

MODELLI DI TORNIO COMPATIBILI  
COMPATIBLE LATHE TYPES

TSUGAMI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**65**



TIPO - TYPE

Arretrato  
Rear Offset



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

Esterno  
External



RATIO

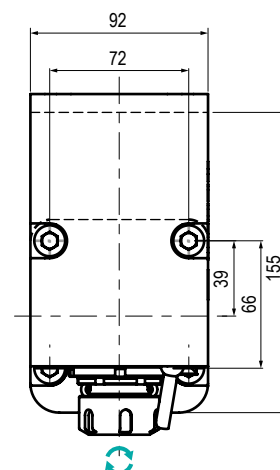
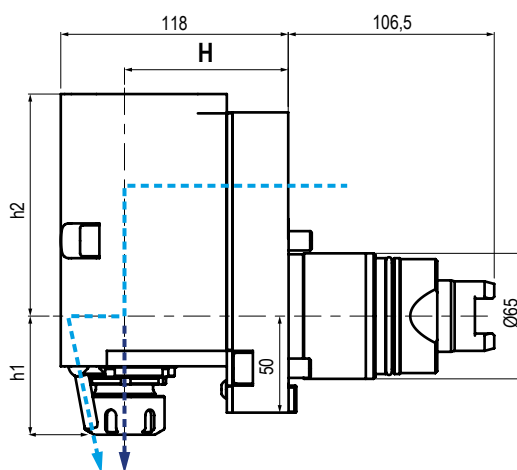
1:1



ROTAZIONE - ROTATION

Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|-------|--|
| 99.TS.A17 | ER-25 - Ø1+16 | NO        | 85 | 40 | 8.000 |  |



TIPO - TYPE

Arretrato  
Rear Offset



USCITA - OUTPUT

Porta Pinza  
Collet Chuck



REFRIGERANTE  
COOLANT

100 bar



RATIO

1:1



ROTAZIONE - ROTATION

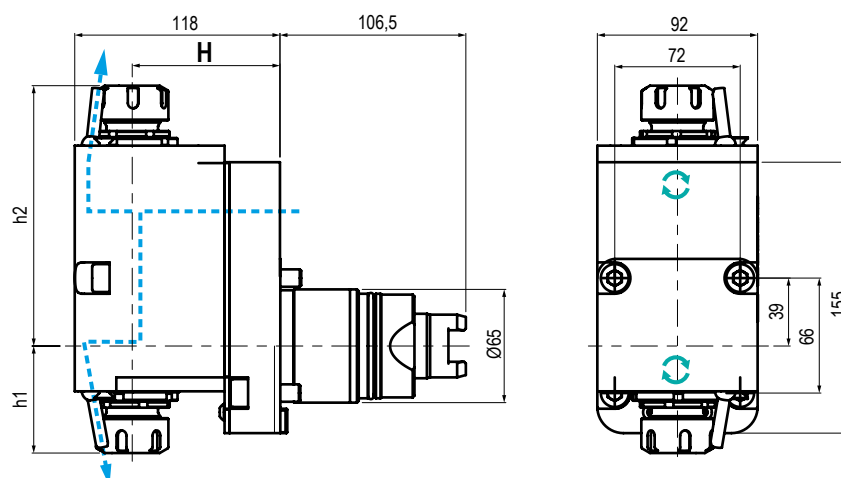
Uguale al mandrino  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|-------|--|
| 99.TS.A18 | ER-25 - Ø1+16 | ✓         | 85 | 40 | 8.000 |  |

MODELLI DI TORNIO COMPATIBILI  
 COMPATIBLE LATHE TYPES

TSUGAMI

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT  
65**


TIPO - TYPE

 Arretrato Doppio  
 Double Rear Offset


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

 Esterno  
 External


RATIO

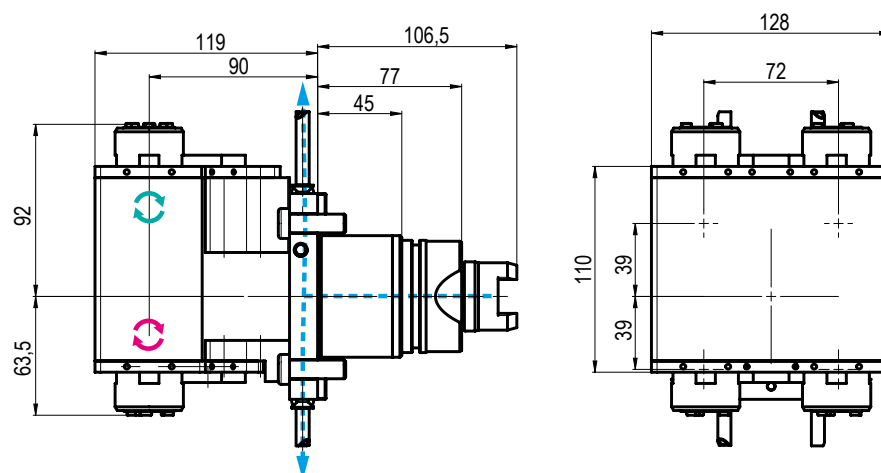
1:1



ROTAZIONE - ROTATION

 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1       | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----------|----|-------|--|
| 99.TS.A21 | ER-25 - Ø1÷16 | NO        | 85 | 61,43    | 40 | 8.000 |  |
| 99.TS.A22 | ER-32 - Ø2÷20 | NO        | 85 | max 38,4 | 70 | 8.000 |  |

**5**


TIPO - TYPE

 Radiale 4 Uscite  
 4 Outputs Radial


USCITA - OUTPUT

 Porta Pinza  
 Collet Chuck

 REFRIGERANTE  
 COOLANT

 Esterno  
 External


RATIO

1:1



ROTAZIONE - ROTATION

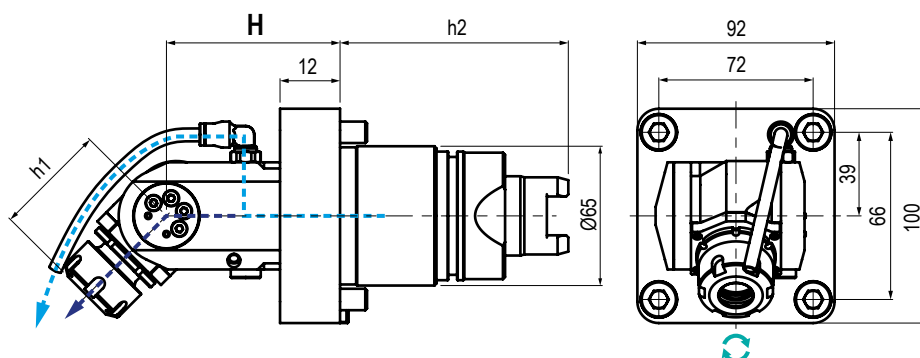
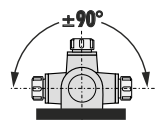
 Uguale al mandrino  
 Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1   | Nm | Rpm   |  |
|-----------|---------------|-----------|----|------|----|-------|--|
| 99.TS.A23 | ER-20 - Ø1÷13 | NO        | 90 | 63,5 | 40 | 6.000 |  |

**MODELLI DI TORNIO COMPATIBILI**  
COMPATIBLE LATHE TYPES

**TSUGAMI**

Vedi pagine compatibilità 5.10 / 5.13 - See compatibility pages 5.10 / 5.13

**BMT**  
**65**

**TIPO - TYPE**
**Orientabile ±90°**  
±90° Adjustable

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

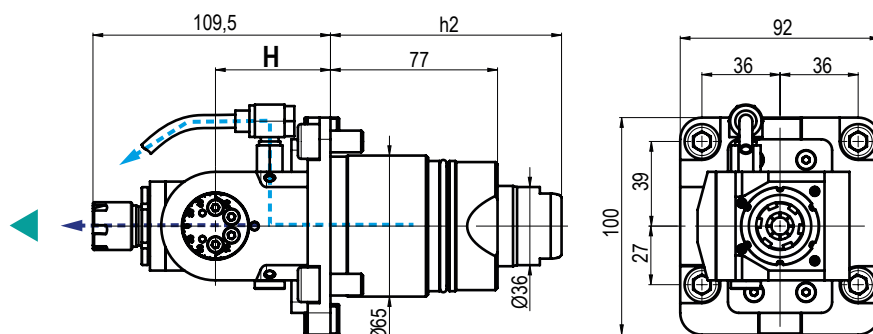
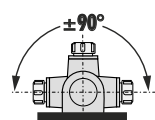
**REFRIGERANTE**  
COOLANT

**70 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output        | Int Cool. | H  | h1 | h2    | Nm | Rpm   |  |
|-----------|---------------|-----------|----|----|-------|----|-------|--|
| 99.TS.A24 | ER-20 - Ø1+13 | NO        | 53 | 59 | 106,5 | 15 | 8.000 |  |
| 99.TS.A25 | ER-20 - Ø1+13 | ✓         | 53 | 59 | 106,5 | 15 | 8.000 |  |


**TIPO - TYPE**
**Orientabile ±90°**  
±90° Adjustable

**USCITA - OUTPUT**
**Porta Pinza**  
Collet Chuck

**REFRIGERANTE**  
COOLANT

**80 bar**

**RATIO**
**1:1**

**ROTAZIONE - ROTATION**
**Uguale al mandrino**  
Same as machine spindle

| Code      | Output     | Int Cool. | H  | h2    | Nm | Rpm   |  |
|-----------|------------|-----------|----|-------|----|-------|--|
| 99.TS.A26 | ER-16 MINI | NO        | 53 | 106,5 | 15 | 8.000 |  |
| 99.TS.A27 | ER-16 MINI | ✓         | 53 | 106,5 | 15 | 8.000 |  |

# In arrivo Motorizzati Potenziati! Upgraded Driven Tools are coming!

## HIGH PERFORMANCE

**Elevata coppia e 12.000 Rpm per lavorazioni a secco!**  
High torque and 12.000 Rpm for dry running!

**Modelli Biglia già disponibili a catalogo. Prossimamente DMG MORI!**  
Biglia models already available in the catalogue. Coming soon DMG MORI!



### MASSIME PRESTAZIONI E PROGETTAZIONE OTTIMIZZATA

Maximum Performance and Optimised Design

- Progettazione ottimizzata nella struttura e nei cuscinetti
- Migliori performance in fresatura e foratura
- Albero principale esente da usura
- Optimized design in the structure and bearings
- Better performance in milling and drilling
- Wear-free main shaft



### EFFICIENZA TERMICA E MANUTENZIONE SEMPLIFICATA

Thermal efficiency and simplified maintenance

- Ridotto incremento delle temperature
- Tenuta meccanica senza guarnizione
- Montaggio smontaggio semplificati
- Intervalli di manutenzione ridotti
- Reduced increase in temperatures
- Mechanical seal without gasket
- Simplified assembly and disassembly
- Reduced maintenance intervals



### POSSIBILITÀ DI LAVORARE A SECCO

Dry running available

- Possibilità di lavorare a secco ad alte velocità (ma con valori ridotti del 70%)
- Continuo miglioramento della tecnologia di tenuta
- Possibility of dry running at high speeds (but with values reduced by 70%)
- Continuous improvement of sealing technology



### CHIAVE DI BLOCCAGGIO CON SISTEMA "SENZA MANI"

'Hands-free' locking wrench

- La chiave di bloccaggio dell'albero portapinza rimane fissa liberando una mano per un migliore serraggio dell'utensile
- Ridotto il tempo operativo di attrezzaggio
- The collet holder shaft locking key remains fixed, freeing one hand for better tightening of the tool
- Reduced operating time when tooling up the machine.

**Contatta il tuo Agente di zona - Ask to your area Distributor**

**PROSSIMAMENTE NUOVI MODELLI!**  
**NEW MODELS COMING SOON!**