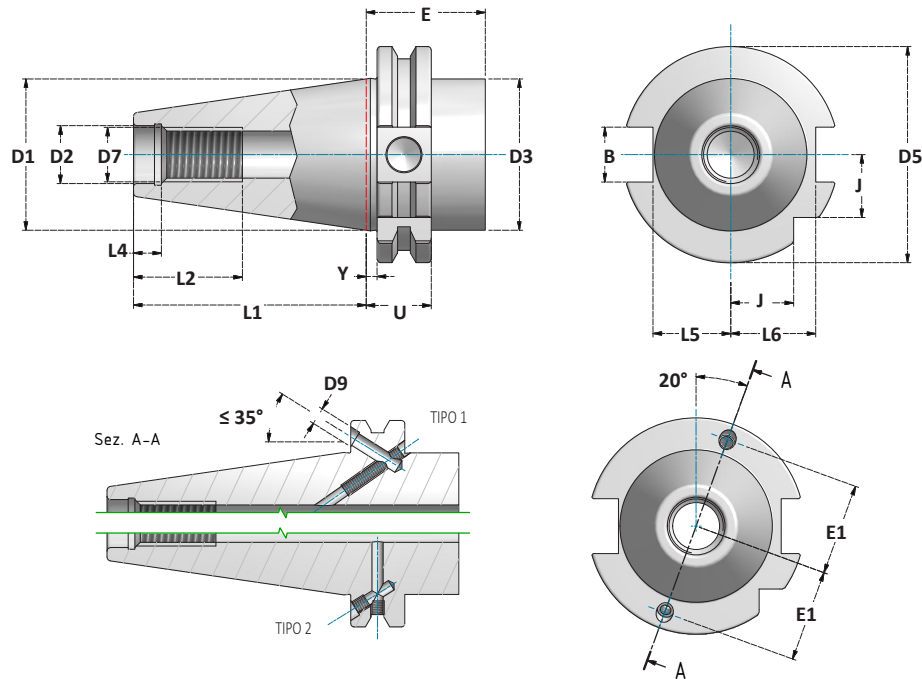


**MANDRINI TC**  
TC TOOLHOLDERS



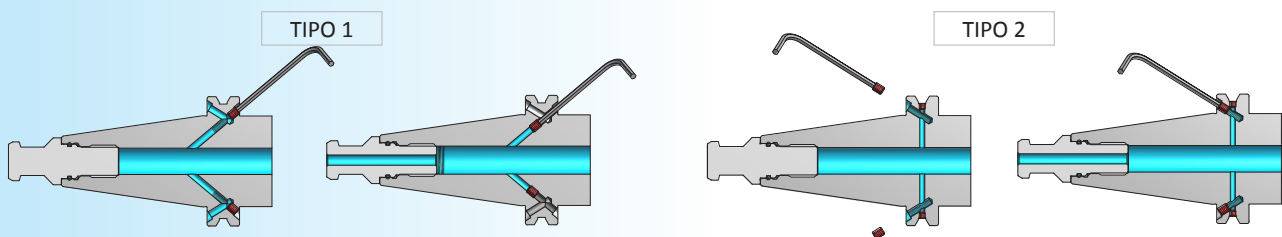
FORM  
AD+B

**DIMENSIONI CONO**  
TAPER DIMENSIONS

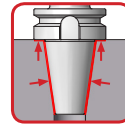
CONO / TAPER	B	D1	D2	D3	D5	D7	D9	E	E1	J	L1	L2	L4	L5	L6	Y	U
	+0,2 0		H7	Max	0 -0,1	6H	Max	min			0 -0,3						0 -0,1
<b>30</b>	16,1	31,75	13	45	50	M12	-	35	-	15	47,8	24	5,5	16,3	18,8	3,2	19,1
<b>40</b>	16,1	44,45	17	50	63,55	M16	4	35	27	18,5	68,4	32	8,2	22,7	25	3,2	19,1
<b>50</b>	25,7	69,85	25	80	97,5	M24	6	35	42	30	101,75	47	11,5	35,5	37,7	3,2	19,1

I mandrini in forma AD+B possono essere usati per l'adduzione del refrigerante dalla flangia lasciando il grano aperto e per l'adduzione del refrigerante dal canale centrale chiudendo il grano (TIPO 1), oppure togliendo o lasciando il grano (TIPO2).

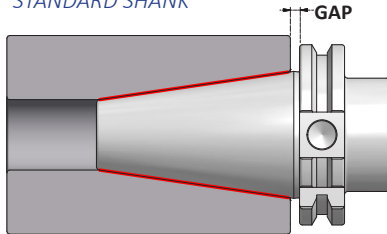
*Toolholders AD+B can be used with coolant through "V" flange with screw opened and with coolant through centre closing screw (TIPO 1), or removing and inserting screw (TIPO2).*



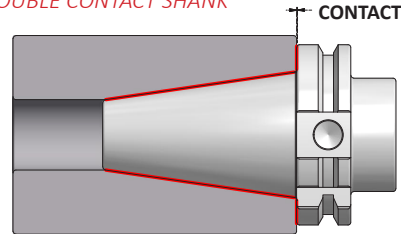
**SISTEMA A DOPPIO CONTATTO CONO+FLANGIA**  
*DOUBLE CONTACT TAPER+FLANGE SYSTEM*



**CONO STANDARD**  
*STANDARD SHANK*



**CONO A DOPPIO CONTATTO**  
*DOUBLE CONTACT SHANK*



**VANTAGGI**

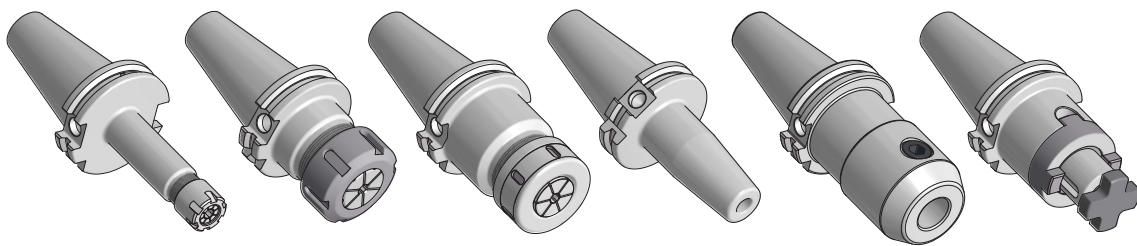
- Maggiore stabilità tra portautensile e naso macchina.
- Vibrazioni ridotte per una maggiore precisione durante i lavori ad alta velocità o i lavori gravosi.
- Ridotta usura dell'utensile.

*BENEFITS*

- Increased stiffness.
- Increased holding reliability.
- Increased tool position accuracy.
- Improved precision during high speed operations or heavy cutting applications.
- Extended tool life.

**I mandrini DIN ISO 7388 con sistema a doppio contatto si identificano con il prefisso **D** (es: DTC...).**

*Codes of toolholders DIN ISO 7388 with double contact system have prefix **D** (es: DTC...).*

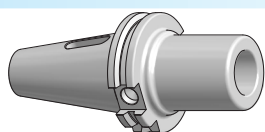
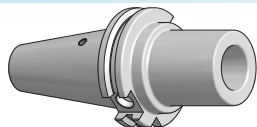
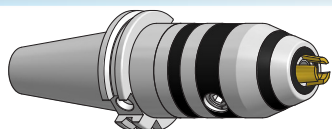
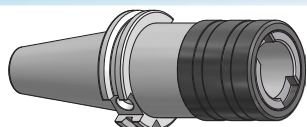
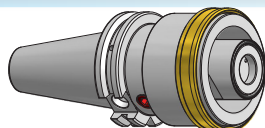
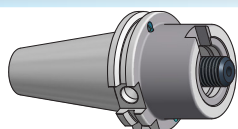
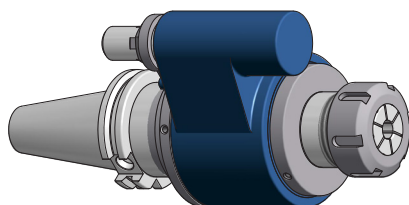
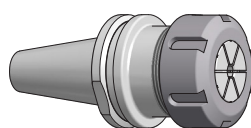


**Esempio di codice in base alle caratteristiche del cono.**

*Example of code based on the features of taper.*

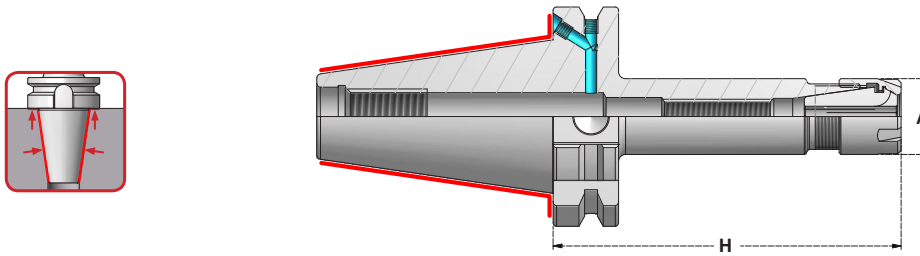
<b>DOPPIO CONTATTO</b> <i>DOUBLE CONTACT</i> <b>D</b>	<b>TIPO DI CONO</b> <i>TAPER TYPE</i> <b>TC</b>	<b>CANALINI LATERALI</b> <i>SIDE CHANNELS</i> <b>B</b>	<b>GRANDEZZA CONO</b> <i>TAPER SIZE</i> <b>40</b>	SENZA PASSAGGIO DEL REFRIGERANTE <i>WITHOUT COOLANT THROUGH</i>	A
				PASSAGGIO DEL REFRIGERANTE CENTRALE <i>COOLANT FROM CENTRE</i>	AD
				PASSAGGIO DEL REFRIGERANTE CENTRALE O DALLA FLANGIA <i>COOLANT FROM CENTRE OR FLANGE</i>	AD+B
				DOPPIO CONTATTO CONO+FLANGIA <i>DOUBLE CONTACT</i>	

		<b>MANDRINI PORTAPINZA ER - GHIERE MINI</b> <i>COLLET CHUCKS ER - MINI NUTS</i>	<b>DIN ISO 15488 (DIN6499)</b>	<i>PAG. 49</i>
		<b>MANDRINI PORTAPINZA ER - GHIERE STANDARD</b> <i>COLLET CHUCKS ER - STANDARD NUTS</i>	<b>DIN ISO 15488 (DIN6499)</b>	<i>PAG. 52</i>
		<b>MANDRINI PORTAPINZA EOC</b> <i>COLLET CHUCKS EOC</i>	<b>DIN ISO 10897 (DIN6388)</b>	<i>PAG. 59</i>
		<b>MANDRINI PORTAPINZA SKS</b> <i>COLLET CHUCKS SKS</i>		<i>PAG. 60</i>
		<b>MANDRINI PORTAPINZA P8</b> <i>COLLET CHUCKS P8</i>		<i>PAG. 61</i>
		<b>MANDRINI A CALETTAMENTO A CALDO</b> <i>SHRINK FIT CHUCKS</i>		<i>PAG. 62</i>
		<b>MANDRINI A FORTE SERRAGGIO</b> <i>POWER MILLING CHUCKS</i>		<i>PAG. 66</i>
		<b>MANDRINI A SERRAGGIO IDRAULICO</b> <i>HYDRAULIC CHUCKS</i>		<i>PAG. 67</i>
		<b>MANDRINI PORTAFRESA CON ATTACCO FILETTATO</b> <i>SCREW IN MILL CHUCKS</i>		<i>PAG. 69</i>
		<b>MANDRINI PORTAFRESA WELDON</b> <i>END MILL HOLDERS WELDON</i>	<b>DIN 1835-2</b>	<i>PAG. 70</i>
		<b>MANDRINI PORTAFRESA COMBI</b> <i>COMBI SHELL MILL HOLDERS</i>	<b>DIN 6358</b>	<i>PAG. 80</i>
		<b>MANDRINI PORTAFRESA FISSI</b> <i>SHELL MILL HOLDERS</i>	<b>DIN 6357</b>	<i>PAG. 82</i>

**RIDUZIONI A CONO MORSE PER PUNTE**  
*MORSE TAPER ADAPTERS FOR DRILLS***DIN 6383***PAG. 86***RIDUZIONI A CONO MORSE PER FRESE**  
*MORSE TAPER ADAPTERS FOR THREADED MILLS***DIN 6364***PAG. 87***MANDRINI DA TRAPANO**  
*DRILL CHUCKS**PAG. 88***PORTAMASCHI**  
*TAPPING CHUCKS**PAG. 92***RIDUZIONI**  
*ADAPTERS**PAG. 95***MANDRINI MODULARI TIPO VARILOCK**  
*MODULAR TOOLHOLDERS VARILOCK TYPE**PAG. 98***DISTRIBUTORI ROTANTI DEL REFRIGERANTE**  
*OIL HOLE HOLDERS**PAG. 99***MANDRINI CON STELO LAVORABILE**  
*BLANK ARBORS**PAG. 102***BARRE DI COLLAUDO**  
*TEST ARBORS**PAG. 103***MANDRINI PER LA LAVORAZIONE  
DEL LEGNO E DELL'ALLUMINIO***TOOLHOLDERS FOR WOOD AND  
ALUWORKING MACHINES**PAG. 104*

**MANDRINI PORTAPINZA ER A DOPPIO CONTATTO**

*DOUBLE CONTACT ER COLLET CHUCKS*

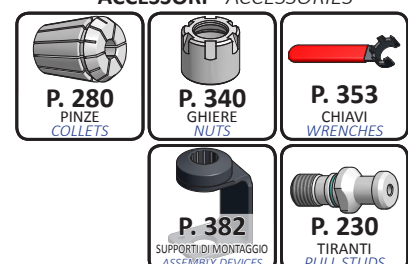


 G2,5 25000 <sub>ip.m.</sub>  AD+B	Articolo	H	A	Collets Range	Ghiera Nut
	DTCB40.H100.ERC11M	100	16	1÷7	G11M
	DTCB40.H100.ERC16M	100	22	1÷10	G16M
	DTCB40.H100.ERC20M	100	28	1÷14	G20M



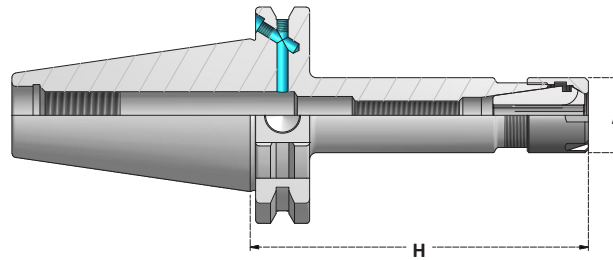
 G2,5 25000 <sub>ip.m.</sub>  AD+B	Articolo	H	A	Collets Range	Ghiera Nut
	DTCB50.H100.ERC11M	100	16	1÷7	G11M
	DTCB50.H100.ERC16M	100	22	1÷10	G16M
	DTCB50.H100.ERC20M	100	28	1÷14	G20M

ACCESSORI - ACCESSORIES



**MANDRINI PORTAPINZA ER**

*ER COLLET CHUCKS*



Articolo	H	A	Collets Range	Ghiera Nut
TC30.H100.ERC8M	100	12	1÷5	G8M
TC30.H100.ERC11M	100	16	1÷7	G11M
TC30.H100.ERC16M	100	22	1÷10	G16M
TC30.H100.ERC20M	100	28	1÷14	G20M
TC30.H100.ERC25M	100	35	1÷20	G25M



Articolo	H	A	Collets Range	Ghiera Nut
TCB40.H100.ERC11M	100	16	1÷7	G11M
TCB40.H130.ERC11M	130	16	1÷7	G11M
TCB40.H160.ERC11M	160	16	1÷7	G11M
TCB40.H70.ERC16M	70	22	1÷10	G16M
TCB40.H100.ERC16M	100	22	1÷10	G16M
TCB40.H130.ERC16M	130	22	1÷10	G16M
TCB40.H160.ERC16M	160	22	1÷10	G16M
TCB40.H200.ERC16M	200	22	1÷10	G16M
TCB40.H100.ERC20M	100	28	1÷14	G20M
TCB40.H130.ERC20M	130	28	1÷14	G20M
TCB40.H160.ERC20M	160	28	1÷14	G20M
TCB40.H200.ERC20M	200	28	1÷14	G20M
TCB40.H100.ERC25M	100	35	1÷20	G25M
TCB40.H130.ERC25M	130	35	1÷20	G25M
TCB40.H160.ERC25M	160	35	1÷20	G25M
TCB40.H200.ERC25M	200	35	1÷20	G25M

Fig2

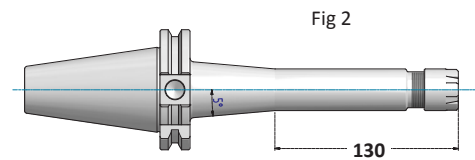


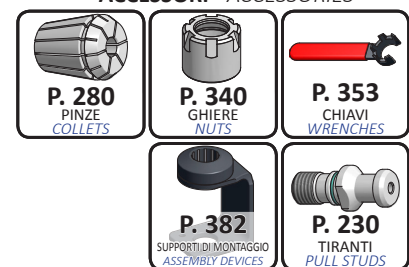
Fig 2

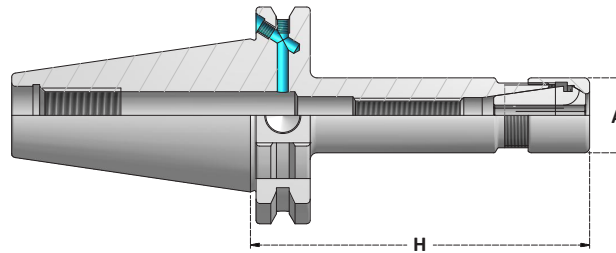


Articolo	H	A	Collets Range	Ghiera Nut
TCB50.H100.ERC16M	100	22	1÷10	G16M
TCB50.H130.ERC16M	130	22	1÷10	G16M
TCB50.H160.ERC16M	160	22	1÷10	G16M
TCB50.H200.ERC16M	200	22	1÷10	G16M
TCB50.H100.ERC20M	100	28	1÷14	G20M
TCB50.H130.ERC20M	130	28	1÷14	G20M
TCB50.H160.ERC20M	160	28	1÷14	G20M
TCB50.H200.ERC20M	200	28	1÷14	G20M
TCB50.H100.ERC25M	100	35	1÷20	G25M
TCB50.H130.ERC25M	130	35	1÷20	G25M
TCB50.H160.ERC25M	160	35	1÷20	G25M
TCB50.H200.ERC25M	200	35	1÷20	G25M

Fig2

**ACCESSORI - ACCESSORIES**



**MANDRINI PORTAPINZA ER PER ALTE VELOCITA'**  
*ER COLLET CHUCKS FOR HIGH SPEEDS*


<b>G2,5</b> 25000.r.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
	<b>TC30.H100.ERC8MNF</b>	100	12	1÷5	G8MNF
	<b>TC30.H100.ERC11MNF</b>	100	16	1÷7	G11MNF
	<b>TC30.H100.ERC16MNF</b>	100	22	1÷10	G16MNF
	<b>TC30.H100.ERC20MNF</b>	100	28	1÷14	G20MNF
	<b>TC30.H100.ERC25MNF</b>	100	35	1÷20	G25MNF

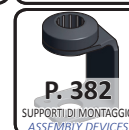
<b>G2,5</b> 25000.r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
	<b>TCB40.H100.ERC11MNF</b>	100	16	1÷7	G11MNF
	<b>TCB40.H130.ERC11MNF</b>	130	16	1÷7	G11MNF
	<b>TCB40.H160.ERC11MNF</b>	160	16	1÷7	G11MNF
	<b>TCB40.H100.ERC16MNF</b>	100	22	1÷10	G16MNF
	<b>TCB40.H130.ERC16MNF</b>	130	22	1÷10	G16MNF
	<b>TCB40.H160.ERC16MNF</b>	160	22	1÷10	G16MNF
	<b>TCB40.H100.ERC20MNF</b>	100	28	1÷14	G20MNF
	<b>TCB40.H130.ERC20MNF</b>	130	28	1÷14	G20MNF
	<b>TCB40.H160.ERC20MNF</b>	160	28	1÷14	G20MNF
	<b>TCB40.H100.ERC25MNF</b>	100	35	1÷20	G25MNF
	<b>TCB40.H130.ERC25MNF</b>	130	35	1÷20	G25MNF
	<b>TCB40.H160.ERC25MNF</b>	160	35	1÷20	G25MNF

**ALTRI A RICHIESTA**  
*OTHERS ON REQUEST*

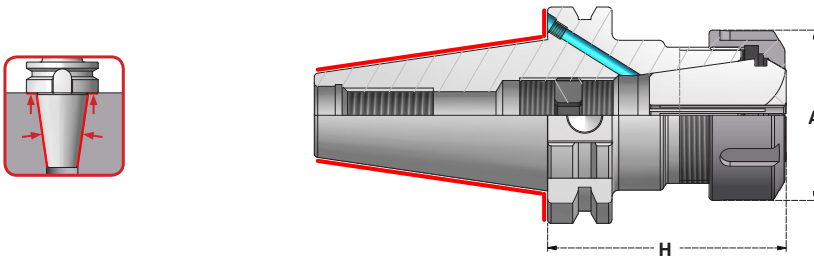
MNF



GHIERE **MINI** SENZA TACCHE  
*NOTCH-FREE **MINI** NUTS*

**ACCESSORI - ACCESSORIES**


**MANDRINI A DOPPIO CONTATTO PORTAPINZA ER**  
*DOUBLE CONTACT ER COLLET CHUCKS*

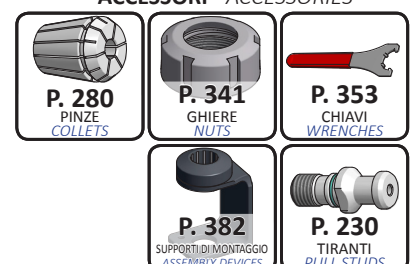


Articolo	H	A	Collets Range	Ghiera Nut
DTCB40.H70.ERC16	70	28	1÷10	G16SE
DTCB40.H100.ERC16	100	28	1÷10	G16SE
DTCB40.H70.ERC20	70	34	1÷14	G20SE
DTCB40.H100.ERC20	100	34	1÷14	G20SE
DTCB40.H70.ERC25	70	42	1÷20	G25S
DTCB40.H100.ERC25	100	42	1÷20	G25S
DTCB40.H70.ERC32	70	50	2÷22	G32S
DTCB40.H100.ERC32	100	50	2÷22	G32S
DTCB40.H70.ERC40	70	63	3÷30	G40S
DTCB40.H100.ERC40	100	63	3÷30	G40S



Articolo	H	A	Collets Range	Ghiera Nut
DTCB50.H80.ERC16	80	28	1÷10	G16SE
DTCB50.H100.ERC16	100	28	1÷10	G16SE
DTCB50.H80.ERC20	80	34	1÷14	G20SE
DTCB50.H100.ERC20	100	34	1÷14	G20SE
DTCB50.H80.ERC25	80	42	1÷20	G25S
DTCB50.H100.ERC25	100	42	1÷20	G25S
DTCB50.H80.ERC32	80	50	2÷22	G32S
DTCB50.H100.ERC32	100	50	2÷22	G32S
DTCB50.H130.ERC32	130	50	2÷22	G32S
DTCB50.H160.ERC32	160	50	2÷22	G32S
DTCB50.H200.ERC32	200	50	2÷22	G32S
DTCB50.H80.ERC40	80	63	3÷30	G40S
DTCB50.H100.ERC40	100	63	3÷30	G40S
DTCB50.H130.ERC40	130	63	3÷30	G40S

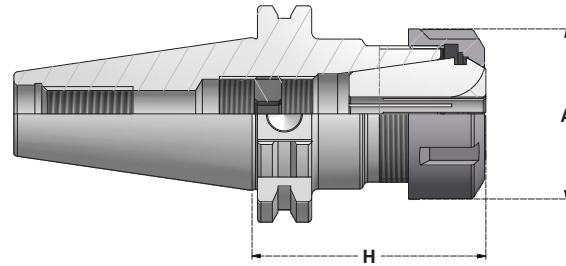
**ACCESSORI - ACCESSORIES**





**MANDRINI PORTAPINZA ER**

*ER COLLET CHUCKS*



Articolo	H	A	Collets Range	Ghiera Nut
TC30.H63.ERC16	63	28	1÷10	G16SE
TC30.H100.ERC16	100	28	1÷10	G16SE
TC30.H63.ERC20	63	34	1÷14	G20SE
TC30.H100.ERC20	100	34	1÷14	G20SE
TC30.H63.ERC25	63	42	1÷20	G25S
TC30.H100.ERC25	100	42	1÷20	G25S
TC30.H63.ERC32	63	50	2÷22	G32S
TC30.H100.ERC32	100	50	2÷22	G32S
TC30.H75.ERC40	75	63	3÷30	G40S
TC30.H100.ERC40	100	63	3÷30	G40S



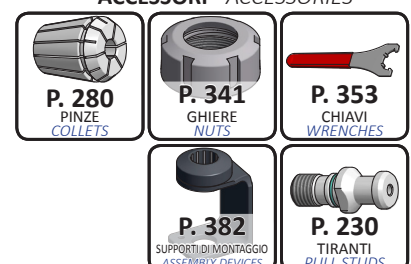
Articolo	H	A	Collets Range	Ghiera Nut
TC40.H70.ERC16	70	28	1÷10	G16SE
TC40.H70.ERC25	70	42	1÷20	G25S
TC40.H70.ERC32	70	50	2÷22	G32S
TC40.H100.ERC32	100	50	2÷22	G32S
TC40.H70.ERC40	70	63	3÷30	G40S
TC40.H100.ERC40	100	63	3÷30	G40S



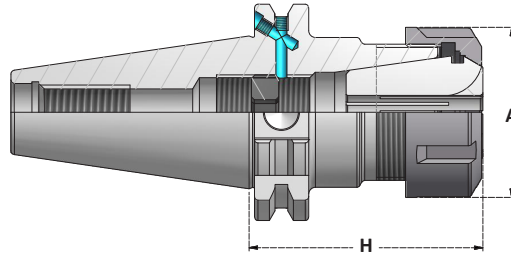
Articolo	H	A	Collets Range	Ghiera Nut
TC50.H80.ERC32	80	50	2÷22	G32S
TC50.H100.ERC32	100	50	2÷22	G32S
TC50.H80.ERC40	80	63	3÷30	G40S



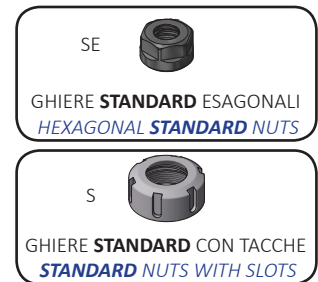
**ACCESSORI - ACCESSORIES**



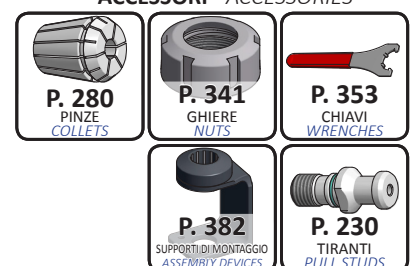
**MANDRINI PORTAPINZA ER**  
*ER COLLET CHUCKS*



Articolo	H	A	Collets Range	Ghiera Nut
TCB40.H70.ERC16	70	28	1÷10	G16SE
TCB40.H100.ERC16	100	28	1÷10	G16SE
TCB40.H130.ERC16	130	28	1÷10	G16SE
TCB40.H160.ERC16	160	28	1÷10	G16SE
TCB40.H200.ERC16	200	28	1÷10	G16SE
TCB40.H70.ERC20	70	34	1÷14	G20SE
TCB40.H100.ERC20	100	34	1÷14	G20SE
TCB40.H130.ERC20	130	34	1÷14	G20SE
TCB40.H160.ERC20	160	34	1÷14	G20SE
TCB40.H200.ERC20	200	34	1÷14	G20SE
TCB40.H70.ERC25	70	42	1÷20	G25S
TCB40.H100.ERC25	100	42	1÷20	G25S
TCB40.H130.ERC25	130	42	1÷20	G25S
TCB40.H160.ERC25	160	42	1÷20	G25S
TCB40.H200.ERC25	200	42	1÷20	G25S
TCB40.H47.ERC32	47	50	2÷22	G32S
TCB40.H70.ERC32	70	50	2÷22	G32S
TCB40.H100.ERC32	100	50	2÷22	G32S
TCB40.H130.ERC32	130	50	2÷22	G32S
TCB40.H160.ERC32	160	50	2÷22	G32S
TCB40.H200.ERC32	200	50	2÷22	G32S
TCB40.H70.ERC40	70	63	3÷30	G40S
TCB40.H100.ERC40	100	63	3÷30	G40S
TCB40.H130.ERC40	130	63	3÷30	G40S
TCB40.H160.ERC40	160	63	3÷30	G40S
TCB40.H200.ERC40	200	63	3÷30	G40S
TCB40.H85.ERC50	85	78	6÷34	G50S

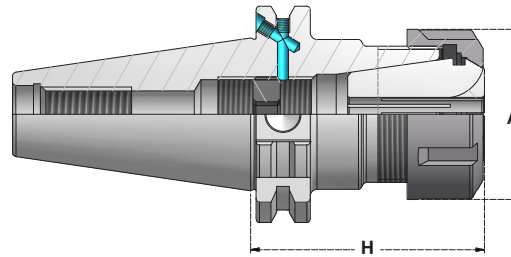


**ACCESSORI - ACCESSORIES**

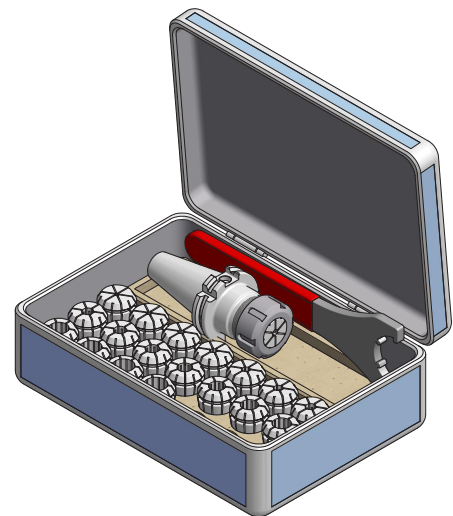


**MANDRINI PORTAPINZA ER**

*ER COLLET CHUCKS*



Articolo	H	A	Collets Range	Ghiera Nut
TCB50.H80.ERC16	80	28	1÷10	G16SE
TCB50.H100.ERC16	100	28	1÷10	G16SE
TCB50.H130.ERC16	130	28	1÷10	G16SE
TCB50.H160.ERC16	160	28	1÷10	G16SE
TCB50.H200.ERC16	200	28	1÷10	G16SE
TCB50.H80.ERC20	80	34	1÷14	G20SE
TCB50.H100.ERC20	100	34	1÷14	G20SE
TCB50.H130.ERC20	130	34	1÷14	G20SE
TCB50.H160.ERC20	160	34	1÷14	G20SE
TCB50.H200.ERC20	200	34	1÷14	G20SE
TCB50.H80.ERC25	80	42	1÷20	G25S
TCB50.H100.ERC25	100	42	1÷20	G25S
TCB50.H130.ERC25	130	42	1÷20	G25S
TCB50.H160.ERC25	160	42	1÷20	G25S
TCB50.H200.ERC25	200	42	1÷20	G25S
TCB50.H80.ERC32	80	50	2÷22	G32S
TCB50.H100.ERC32	100	50	2÷22	G32S
TCB50.H130.ERC32	130	50	2÷22	G32S
TCB50.H160.ERC32	160	50	2÷22	G32S
TCB50.H200.ERC32	200	50	2÷22	G32S
TCB50.H250.ERC32	250	50	2÷22	G32S
TCB50.H80.ERC40	80	63	3÷30	G40S
TCB50.H100.ERC40	100	63	3÷30	G40S
TCB50.H130.ERC40	130	63	3÷30	G40S
TCB50.H160.ERC40	160	63	3÷30	G40S
TCB50.H200.ERC40	200	63	3÷30	G40S
TCB50.H250.ERC40	250	63	3÷30	G40S
TCB50.H100.ERC50	100	78	6÷34	G50S
TCB50.H130.ERC50	130	78	6÷34	G50S
TCB50.H160.ERC50	160	78	6÷34	G50S



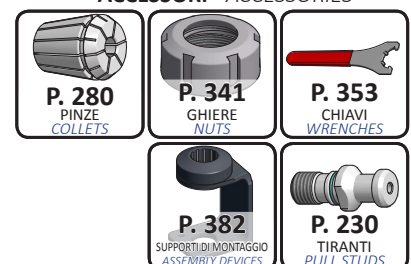
**KIT - MANDRINO, CHIAVE E PINZE**

*KIT - TOOLHOLDER, WRENCH AND COLLETS*

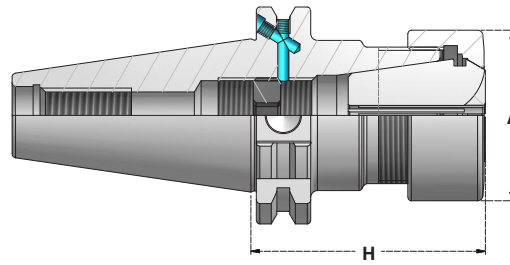
Articolo	Pinze Collets	Mandrino Toolholder	Chiave Wrench
BX.TC30.ERC32	ERC32.D3÷20 x 1,0mm	TC30.H63.ERC32	CH32S
BX.TCB40.ERC32	ERC32.D3÷20 x 1,0mm	TCB40.H70.ERC32	CH32S
BX.TCB50.ERC32	ERC32.D3÷20 x 1,0mm	TCB50.H80.ERC32	CH32S
BX.TC30.ERC40	ERC40.D4÷26 x 1,0mm	TC30.H75.ERC40	CH40S
BX.TCB40.ERC40	ERC40.D4÷26 x 1,0mm	TCB40.H70.ERC40	CH40S
BX.TCB50.ERC40	ERC40.D4÷26 x 1,0mm	TCB50.H80.ERC40	CH40S

**ALTRI A RICHIESTA**  
*OTHERS ON REQUEST*

**ACCESSORI - ACCESSORIES**



**MANDRINI PORTAPINZA ER PER ALTE VELOCITA'**  
*ER COLLET CHUCKS FOR HIGH SPEEDS*



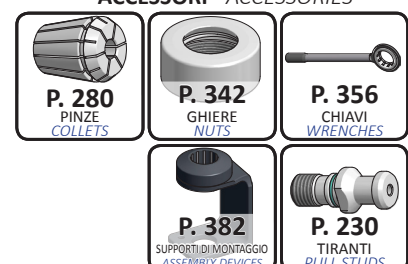
Articolo	H	A	Collets Range	Ghiera Nut
TC30.H63.ERC16NF	63	32	1÷10	G16NF
TC30.H63.ERC20NF	63	35	1÷14	G20NF
TC30.H63.ERC25NF	63	42	1÷20	G25NF
TC30.H63.ERC32NF	63	50	2÷22	G32NF

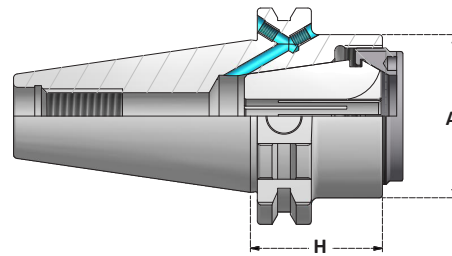
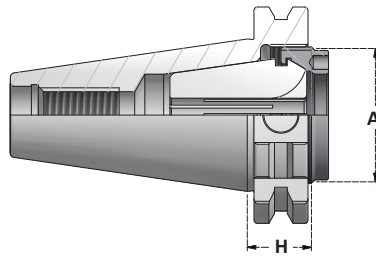


Articolo	H	A	Collets Range	Ghiera Nut
TCB40.H70.ERC16NF	70	32	1÷10	G16NF
TCB40.H100.ERC16NF	100	32	1÷10	G16NF
TCB40.H130.ERC16NF	130	32	1÷10	G16NF
TCB40.H160.ERC16NF	160	32	1÷10	G16NF
TCB40.H70.ERC20NF	70	35	1÷14	G20NF
TCB40.H100.ERC20NF	100	35	1÷14	G20NF
TCB40.H130.ERC20NF	130	35	1÷14	G20NF
TCB40.H160.ERC20NF	160	35	1÷14	G20NF
TCB40.H70.ERC25NF	70	42	1÷20	G25NF
TCB40.H100.ERC25NF	100	42	1÷20	G25NF
TCB40.H130.ERC25NF	130	42	1÷20	G25NF
TCB40.H160.ERC25NF	160	42	1÷20	G25NF
TCB40.H70.ERC32NF	70	50	2÷22	G32NF
TCB40.H100.ERC32NF	100	50	2÷22	G32NF
TCB40.H130.ERC32NF	130	50	2÷22	G32NF
TCB40.H160.ERC32NF	160	50	2÷22	G32NF

**ALTRI A RICHIESTA**  
*OTHERS ON REQUEST*

**ACCESSORI - ACCESSORIES**



**MANDRINI PORTAPINZA ER - EXTRACORTI**  
*ER COLLET CHUCKS - STUB LENGTH*


Articolo	H	A	Collets Range	Ghiera Nut
<b>TC40.H21.ERC25A</b>	21	32	1÷20	G25A
<b>TC40.H21.ERC32A</b>	21	40	2÷22	G32A



Articolo	H	A	Collets Range	Ghiera Nut
<b>TC50.H21.ERC32A</b>	21	40	2÷22	G32A



Articolo	H	A	Collets Range	Ghiera Nut
<b>TCB40.H40.ERC32A</b>	40	50	2÷22	G32A

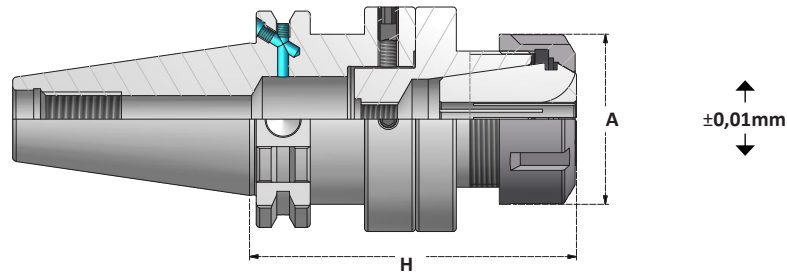


Articolo	H	A	Collets Range	Ghiera Nut
<b>TCB50.H40.ERC32A</b>	40	50	2÷22	G32A


**ACCESSORI - ACCESSORIES**


**MANDRINI PORTAPINZA ER A CENTRATURA REGOLABILE**

*RUNOUT ADJUSTABLE ER COLLET CHUCKS*

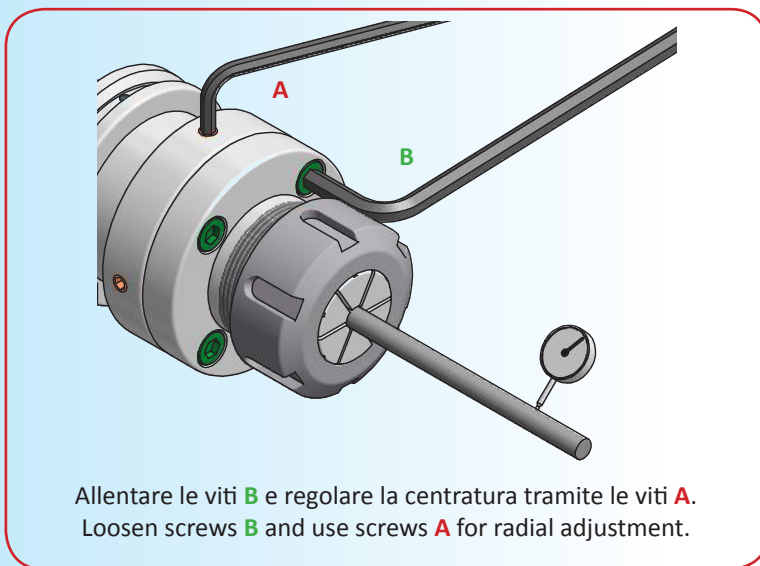


Articolo	H	A	Collets Range	Ghiera Nut
TCB40.H93.ERC16RG	93	28	1÷10	G16SE
TCB40.H95.ERC20RG	95	34	1÷14	G20SE
TCB40.H96.ERC25RG	96	42	1÷20	G25S
TCB40.H97.ERC32RG	97	50	2÷22	G32S
TCB40.H131.ERC40RG	131	63	3÷30	G40S

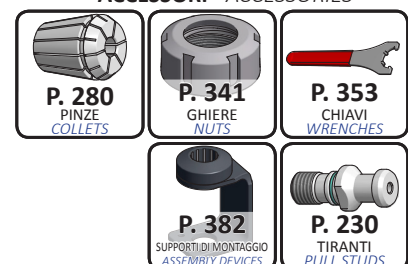
**Centratura regolabile 0,01mm**  
*Adjustable runout 0,01mm*



Articolo	H	A	Collets Range	Ghiera Nut
TCB50.H93.ERC16RG	93	28	1÷10	G16SE
TCB50.H95.ERC20RG	95	34	1÷14	G20SE
TCB50.H96.ERC25RG	96	42	1÷20	G25S
TCB50.H97.ERC32RG	97	50	2÷22	G32S
TCB50.H131.ERC40RG	131	63	3÷30	G40S

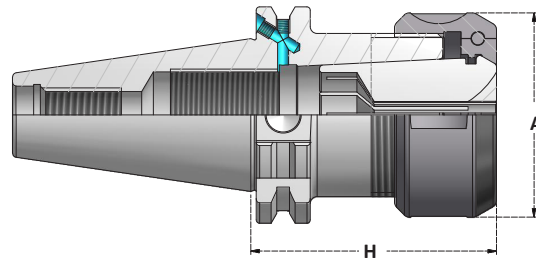



**ACCESSORI - ACCESSORIES**




**MANDRINI PORTAPINZA EOC**

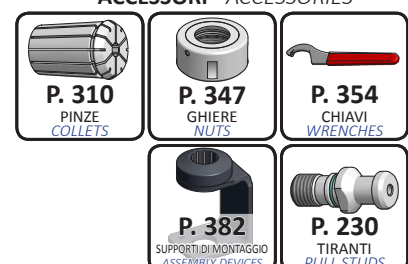
*EOC COLLET CHUCKS*



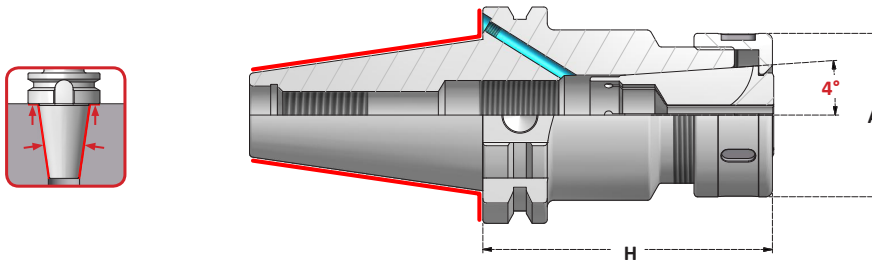
G6,3 15000 r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>TCB40.H70.EOC16</b>	70	43	2÷16
	<b>TCB40.H100.EOC16</b>	100	43	2÷16	G16OCC
	<b>TCB40.H70.EOC25</b>	70	60	2÷25	G25OCC
	<b>TCB40.H100.EOC25</b>	100	60	2÷25	G25OCC
	<b>TCB40.H90.EOC32</b>	90	72	3÷32	G32OCC



G6,3 15000 r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>TCB50.H70.EOC16</b>	70	43	2÷16
	<b>TCB50.H70.EOC25</b>	70	60	2÷25	G25OCC
	<b>TCB50.H80.EOC32</b>	80	72	3÷32	G32OCC

**ACCESSORI - ACCESSORIES**

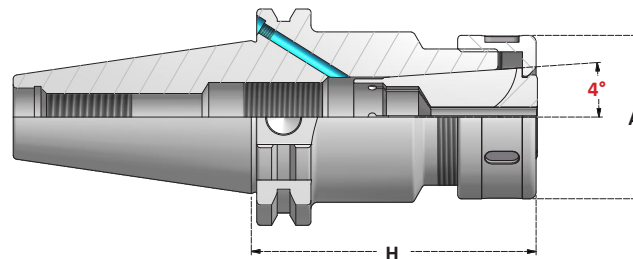




**MANDRINI A DOPPIO CONTATTO PORTAPINZA SKS**  
*DOUBLE CONTACT SKS COLLET CHUCKS*



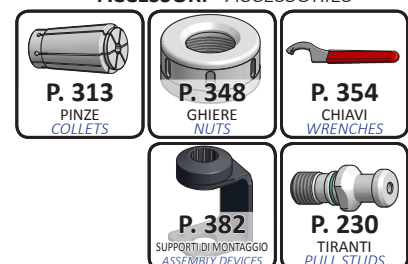
 G2,5 25000 r.p.m.  AD+B	Articolo	H	A	Collets Range	Ghiera Nut
	<b>DTCB40.H90.SKS10</b>	90	30	2÷10	G10SKS
	<b>DTCB40.H90.SKS16</b>	90	40	3÷16	G16SKS
	<b>DTCB40.H90.SKS20</b>	90	48,5	3÷20	G20SKS
	<b>DTCB40.H90.SKS25</b>	90	55,1	3÷25	G25SKS

**MANDRINI PORTAPINZA SKS**  
*SKS COLLET CHUCKS*



 G2,5 25000 r.p.m.  AD+B	Articolo	H	A	Collets Range	Ghiera Nut
	<b>TCB40.H90.SKS10</b>	90	30	2÷10	G10SKS
	<b>TCB40.H90.SKS16</b>	90	40	3÷16	G16SKS
	<b>TCB40.H90.SKS20</b>	90	48,5	3÷20	G20SKS
	<b>TCB40.H90.SKS25</b>	90	55,1	3÷25	G25SKS

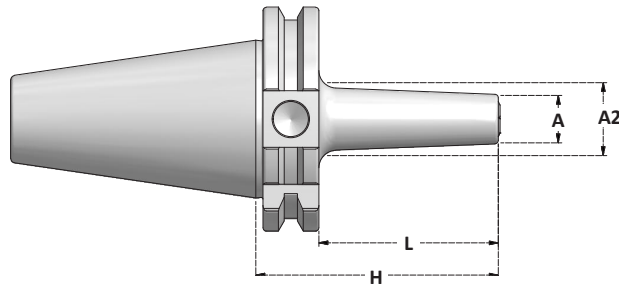
**ACCESSORI - ACCESSORIES**





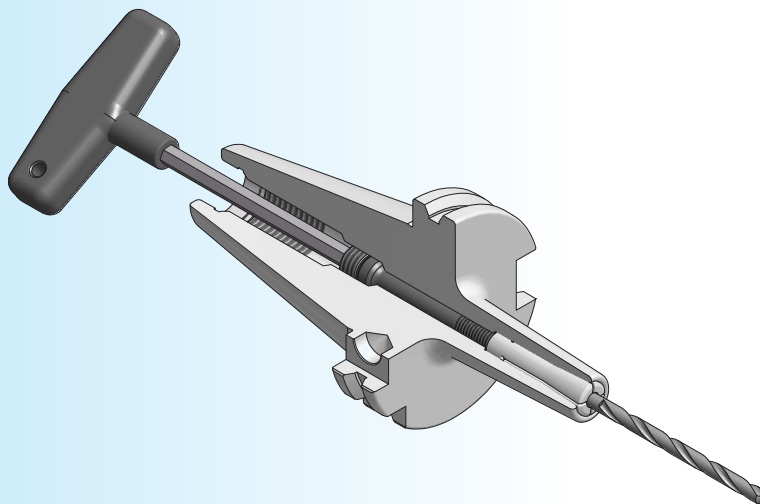
**MANDRINI PORTAPINZA P8**

*P8 SLIM FIT COLLET CHUCKS*

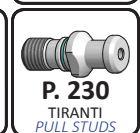


Articolo	H	L	A	A2	Collets Range
<b>TC40.H70.P8</b>	70	36	14	17	3+6
<b>TC50.H70.P8</b>	70	36	14	17	3+6

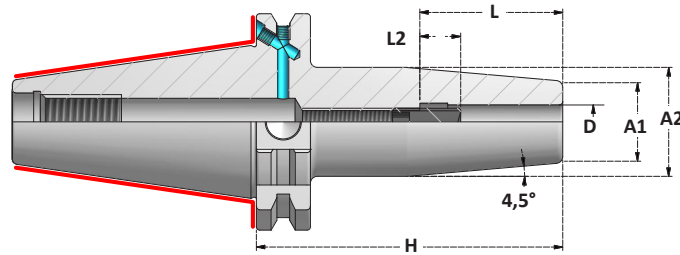
**ALTRI A RICHIESTA**  
*OTHERS ON REQUEST*



**ACCESSORI - ACCESSORIES**

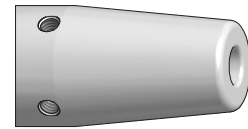


**MANDRINI A DOPPIO CONTATTO A CALETTAMENTO A CALDO**  
*DOUBLE CONTACT SHRINK FIT CHUCKS*



Articolo	D	H	L	L2	A1	A2
DTCB40.H80.TM3	3	80	12	10	10	20
DTCB40.H80.TM4	4	80	16	10	15	25
DTCB40.H80.TM5	5	80	20	10	15	25
DTCB40.H80.TM6	6	80	36	10	21	27
DTCB40.H80.TM8	8	80	36	10	21	27
DTCB40.H80.TM10	10	80	41	10	24	32
DTCB40.H80.TM12	12	80	46	10	24	32
DTCB40.H80.TM14	14	80	46	10	27	34
DTCB40.H80.TM16	16	80	49	10	27	34
DTCB40.H80.TM18	18	80	49	10	33	42
DTCB40.H80.TM20	20	80	51	10	33	42
DTCB40.H100.TM25	25	100	57	10	44	53
DTCB40.H100.TM32	32	100	61	10	44	53

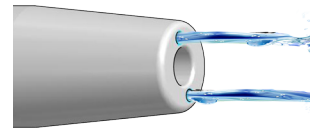
**Profondità regolabile L2**  
*Adjustable depth L2*



**Con 4 fori per la bilanciatura.**  
**Grani non compresi.**  
*With 4 holes for balancing.*  
*Screws not supplied.*

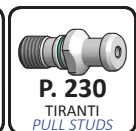
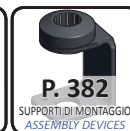


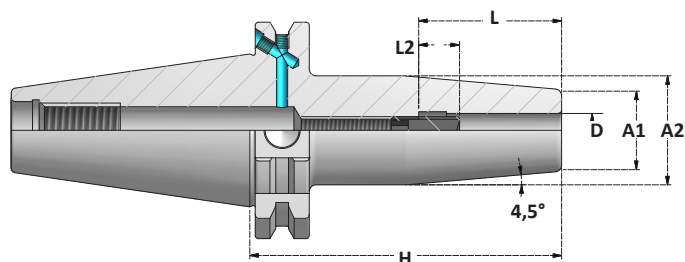
Articolo	D	H	L	L2	A1	A2
DTCB50.H80.TM3	3	80	12	10	10	20
DTCB50.H80.TM4	4	80	16	10	15	25
DTCB50.H80.TM5	5	80	20	10	15	25
DTCB50.H80.TM6	6	80	36	10	21	27
DTCB50.H80.TM8	8	80	36	10	21	27
DTCB50.H80.TM10	10	80	41	10	24	32
DTCB50.H80.TM12	12	80	46	10	24	32
DTCB50.H80.TM14	14	80	46	10	27	34
DTCB50.H80.TM16	16	80	49	10	27	34
DTCB50.H80.TM18	18	80	49	10	33	42
DTCB50.H80.TM20	20	80	51	10	33	42
DTCB50.H100.TM25	25	100	57	10	44	53
DTCB50.H100.TM32	32	100	61	10	44	53



**Mandrini a calettamento con canali per refrigerante fornibili a richiesta.**  
*Shrink fit holders with coolant channels on request.*

**ACCESSORI - ACCESSORIES**



**MANDRINI A CALETTAMENTO A CALDO**  
*SHRINK FIT CHUCKS*


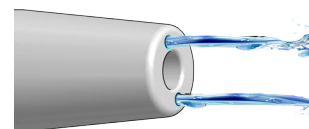
Articolo	D	H	L	L2	A1	A2
TCB40.H80.TM3	3	80	12	10	10	20
* TCB40.H120.TM3	3	120	12	/	10	20
* TCB40.H160.TM3	3	160	12	/	10	20
TCB40.H80.TM4	4	80	16	10	15	25
* TCB40.H120.TM4	4	120	16	/	15	25
* TCB40.H160.TM4	4	160	16	/	15	25
TCB40.H80.TM5	5	80	20	10	15	25
* TCB40.H120.TM5	5	120	20	/	15	25
* TCB40.H160.TM5	5	160	20	/	15	25
TCB40.H80.TM6	6	80	36	10	21	27
TCB40.H130.TM6	6	130	36	10	21	27
TCB40.H160.TM6	6	160	36	10	21	27
TCB40.H80.TM8	8	80	36	10	21	27
TCB40.H130.TM8	8	130	36	10	21	27
TCB40.H160.TM8	8	160	36	10	21	27
TCB40.H80.TM10	10	80	41	10	24	32
TCB40.H130.TM10	10	130	41	10	24	32
TCB40.H160.TM10	10	160	41	10	24	32
TCB40.H80.TM12	12	80	46	10	24	32
TCB40.H130.TM12	12	130	46	10	24	32
TCB40.H160.TM12	12	160	46	10	24	32
TCB40.H80.TM14	14	80	46	10	24	32
TCB40.H130.TM14	14	130	46	10	24	32
TCB40.H160.TM14	14	160	46	10	24	32
TCB40.H80.TM16	16	80	49	10	24	32
TCB40.H130.TM16	16	130	49	10	24	32
TCB40.H160.TM16	16	160	49	10	24	32
TCB40.H80.TM18	18	80	49	10	33	42
TCB40.H130.TM18	18	130	49	10	33	42
TCB40.H160.TM18	18	160	49	10	33	42
TCB40.H80.TM20	20	80	51	10	33	42
TCB40.H130.TM20	20	130	51	10	33	42
TCB40.H160.TM20	20	160	51	10	33	42
TCB40.H100.TM25	25	100	57	10	44	53
TCB40.H130.TM25	25	130	57	10	44	53
TCB40.H160.TM25	25	160	57	10	44	53
TCB40.H100.TM32	32	100	61	10	44	53
TCB40.H130.TM32	32	130	61	10	44	53
TCB40.H160.TM32	32	160	61	10	44	53

\* Senza vite di regolazione / Without adjusting screw

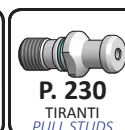
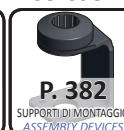
**Profondità regolabile L2**  
Adjustable depth L2



**Con 4 fori per la bilanciatura.**  
Grani non compresi.  
With 4 holes for balancing.  
Screws not supplied.

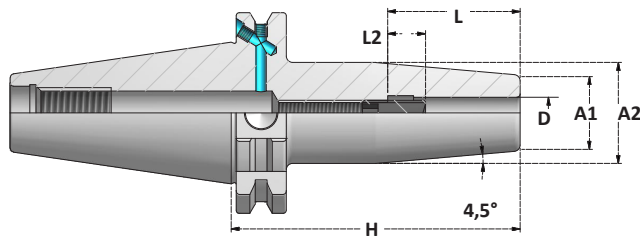


Mandrini a calettamento con canali per refrigerante fornibili a richiesta.  
Shrink fit holders with coolant channels on request.

**ACCESSORI - ACCESSORIES**


**MANDRINI A CALETTAMENTO A CALDO**

*SHRINK FIT CHUCKS*



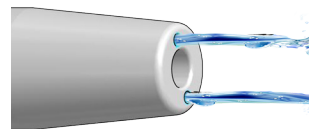
Articolo	D	H	L	L2	A1	A2
TCB50.H80.TM3	3	80	12	10	10	16
* TCB50.H120.TM3	3	120	12	/	10	16
* TCB50.H160.TM3	3	160	12	/	10	16
TCB50.H80.TM4	4	80	16	10	12	20
* TCB50.H120.TM4	4	120	16	/	12	20
* TCB50.H160.TM4	4	160	16	/	12	20
TCB50.H80.TM5	5	80	20	10	12	21,6
* TCB50.H120.TM5	5	120	20	/	12	22
* TCB50.H160.TM5	5	160	20	/	12	22
TCB50.H80.TM6	6	80	36	10	21	27
TCB50.H120.TM6	6	120	36	10	21	27
TCB50.H160.TM6	6	160	36	10	21	27
TCB50.H80.TM8	8	80	36	10	21	27
TCB50.H120.TM8	8	120	36	10	21	27
TCB50.H160.TM8	8	160	36	10	21	27
TCB50.H80.TM10	10	80	41	10	24	32
TCB50.H120.TM10	10	120	41	10	24	32
TCB50.H160.TM10	10	160	41	10	24	32
TCB50.H80.TM12	12	80	46	10	24	32
TCB50.H120.TM12	12	120	46	10	24	32
TCB50.H160.TM12	12	160	46	10	24	32
TCB50.H80.TM14	14	80	46	10	27	34
TCB50.H120.TM14	14	120	46	10	27	34
TCB50.H160.TM14	14	160	46	10	27	34
TCB50.H80.TM16	16	80	49	10	27	34
TCB50.H120.TM16	16	120	49	10	27	34
TCB50.H160.TM16	16	160	49	10	27	34
TCB50.H80.TM18	18	80	49	10	33	42
TCB50.H120.TM18	18	120	49	10	33	42
TCB50.H160.TM18	18	160	49	10	33	42
TCB50.H80.TM20	20	80	51	10	33	42
TCB50.H120.TM20	20	120	51	10	33	42
TCB50.H160.TM20	20	160	51	10	33	42
TCB50.H100.TM25	25	100	57	10	44	53
TCB50.H120.TM25	25	120	57	10	44	53
TCB50.H160.TM25	25	160	57	10	44	53
TCB50.H100.TM32	32	100	61	10	44	53
TCB50.H120.TM32	32	120	61	10	44	53
TCB50.H160.TM32	32	160	61	10	44	53

\* Senza vite di regolazione / Without adjusting screw

**Profondità regolabile L2**  
*Adjustable depth L2*

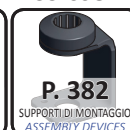


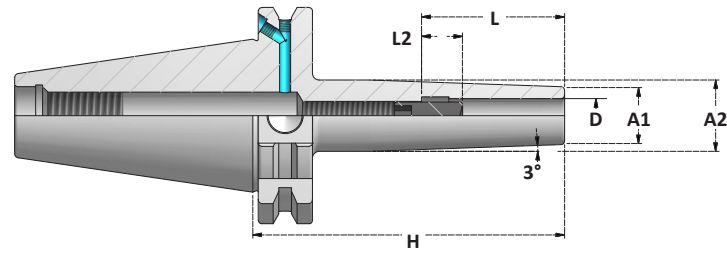
**Con 4 fori per la bilanciatura.**  
**Grani non compresi.**  
*With 4 holes for balancing.*  
*Screws not supplied.*



**Mandrini a calettamento con canali per refrigerante fornibili a richiesta.**  
*Shrink fit holders with coolant channels on request.*

**ACCESSORI - ACCESSORIES**

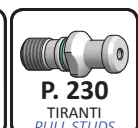
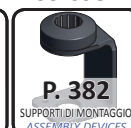


**MANDRINI A CALETTAMENTO A CALDO SLIM**
*SLIM SHRINK FIT CHUCKS*


Articolo	D	H	L	L2	A1	A2
TCB40.H80.TM3SL	3	80	12	10	9	13
* TCB40.H120.TM3SL	3	120	12	/	9	16
TCB40.H80.TM4SL	4	80	16	10	10	15
* TCB40.H120.TM4SL	4	120	16	/	10	20
TCB40.H80.TM5SL	5	80	20	10	11	16
* TCB40.H120.TM5SL	5	120	20	/	11	20
TCB40.H80.TM6SL	6	80	36	10	12	17
TCB40.H130.TM6SL	6	130	36	10	12	19
TCB40.H160.TM6SL	6	160	36	10	12	19
TCB40.H80.TM8SL	8	80	36	10	14	19
TCB40.H130.TM8SL	8	130	36	10	14	21
TCB40.H160.TM8SL	8	160	36	10	14	21
TCB40.H80.TM10SL	10	80	41	10	16	21
TCB40.H130.TM10SL	10	130	41	10	16	23
TCB40.H160.TM10SL	10	160	41	10	16	23
TCB40.H80.TM12SL	12	80	46	10	18	23
TCB40.H130.TM12SL	12	130	46	10	18	25
TCB40.H160.TM12SL	12	160	46	10	18	25
TCB40.H80.TM14SL	14	80	46	10	22	25
TCB40.H130.TM14SL	14	130	46	10	22	27
TCB40.H160.TM14SL	14	160	46	10	22	27
TCB40.H80.TM16SL	16	80	49	10	24	29
TCB40.H130.TM16SL	16	130	49	10	24	31
TCB40.H160.TM16SL	16	160	49	10	24	31
TCB40.H80.TM18SL	18	80	49	10	28	34
TCB40.H130.TM18SL	18	130	49	10	28	35
TCB40.H160.TM18SL	18	160	49	10	28	35
TCB40.H80.TM20SL	20	80	51	10	32	39
TCB40.H130.TM20SL	20	130	51	10	32	39
TCB40.H160.TM20SL	20	160	51	10	32	39

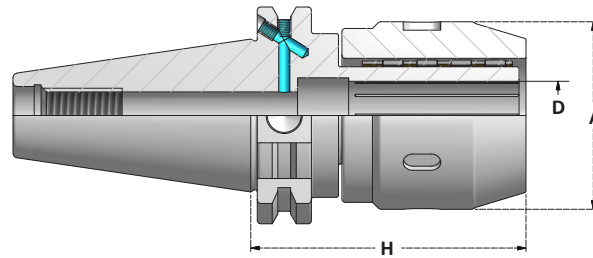
\* Senza vite di regolazione / Without adjusting screw

**Profondità regolabile L2**  
Adjustable depth L2

**ACCESSORI - ACCESSORIES**


**MANDRINI A FORTE SERRAGGIO**

*POWER MILLING CHUCKS*



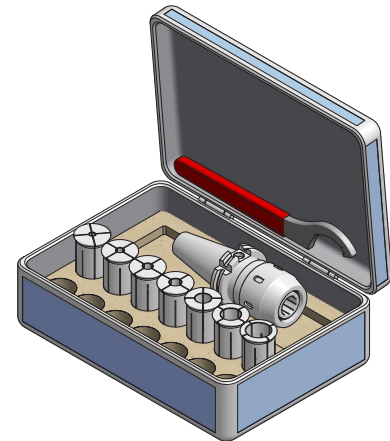
Articolo	D	H	A
<b>TCB40.H98.FS20</b>	20	98	55
<b>TCB40.H100.FS32</b>	32	100	69



Articolo	D	H	A
<b>TCB50.H98.FS20</b>	20	98	55
<b>TCB50.H103.FS32</b>	32	103	69

**I TAGLI LONGITUDINALI PER TUTTA LA LUNGHEZZA DELLA SEDE PORTAUTENSILE AUMENTANO LA FORZA DI SERRAGGIO MA NON PERMETTONO LA TOTALE TENUTA DEL LIQUIDO REFRIGERANTE.**

*LONGITUDINAL CUTS ALL ALONG SEAT OF TOOL INCREASE CLAMPING FORCE BUT DO NOT ALLOW TOTAL SEALING.*



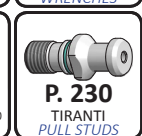
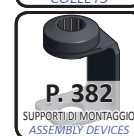
**KIT - MANDRINO, CHIAVE E PINZE**

*KIT - TOOLHOLDER, WRENCH AND COLLETS*

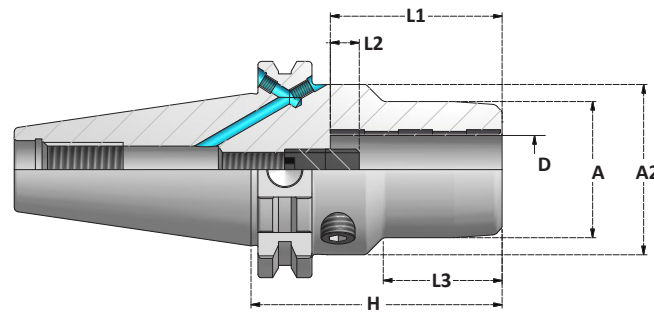
Articolo	Pinze Collets	Mandrino con chiave Toolholder with wrench
<b>BX.TCB40.FS20</b>	4SR20.D6-D8-D10-D12-D16	TCB40.H98.FS20
<b>BX.TCB40.FS32</b>	4SR32.D6-D8-D10-D12-D16-D20-D25	TCB40.H100.FS32

Articolo	Pinze Collets	Mandrino con chiave Toolholder with wrench
<b>BX.TCB50.FS20</b>	4SR20.D6-D8-D10-D12-D16	TCB50.H98.FS20
<b>BX.TCB50.FS32</b>	4SR32.D6-D8-D10-D12-D16-D20-D25	TCB50.H103.FS32

**ACCESSORI - ACCESSORIES**



### MANDRINI IDRAULICI HYDRAULIC CHUCKS



**G2,5**  
25000 r.p.m.

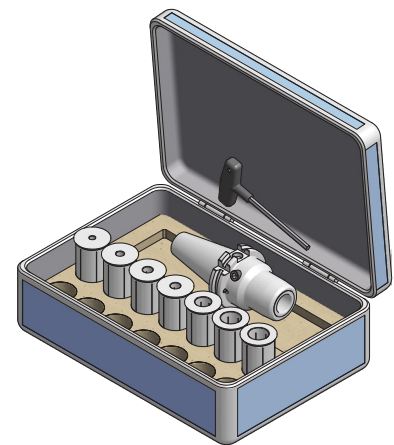


Articolo	D	H	L1	L2	L3	A	A2
<b>TCB40.H65.HY20</b>	20	65	51	10	/	49,5	/

**G2,5**  
25000 r.p.m.



Articolo	D	H	L1	L2	L3	A	A2
<b>TCB40.H80.HY6</b>	6	80	37	10	40	26	49,5
<b>TCB40.H110.HY6</b>	6	110	37	10	40	26	49,5
<b>TCB40.H80.HY8</b>	8	80	37	10	40	28	49,5
<b>TCB40.H110.HY8</b>	8	110	37	10	40	28	49,5
<b>TCB40.H80.HY10</b>	10	80	41	10	40	30	49,5
<b>TCB40.H110.HY10</b>	10	110	41	10	40	30	49,5
<b>TCB40.H80.HY12</b>	12	80	46	10	40	32	49,5
<b>TCB40.H110.HY12</b>	12	110	46	10	40	32	49,5
<b>TCB40.H80.HY14</b>	14	80	46	10	40	34	49,5
<b>TCB40.H110.HY14</b>	14	110	46	10	40	34	49,5
<b>TCB40.H80.HY16</b>	16	80	49	10	46	38	49,5
<b>TCB40.H110.HY16</b>	16	110	49	10	46	38	49,5
<b>TCB40.H80.HY18</b>	18	80	49	10	46	40	49,5
<b>TCB40.H110.HY18</b>	18	110	49	10	46	40	49,5
<b>TCB40.H80.HY20</b>	20	80	51	10	46	42	49,5
<b>TCB40.H110.HY20</b>	20	110	51	10	46	42	49,5
<b>TCB40.H95.HY25</b>	25	95	57	10	76	49,5	55
<b>TCB40.H110.HY25</b>	25	110	57	10	91	49,5	55
<b>TCB40.H95.HY32</b>	32	95	61	10	76	56	63
<b>TCB40.H110.HY32</b>	32	110	61	10	91	56	63



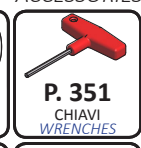
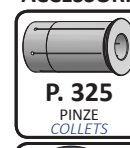
#### KIT - MANDRINO, CHIAVE E PINZE

KIT - TOOLHOLDER, WRENCH AND COLLETS

Articolo	Pinze Collets	Mandrino con chiave Toolholder with wrench
<b>BX.TCB40.HY20</b>	6SR20.D6-D8-D10-D12-D16	TCB40.H80.HY20
<b>BX.TCB40.HY32</b>	6SR32.D6-D8-D10-D12-D16-D20-D25	TCB40.H95.HY32

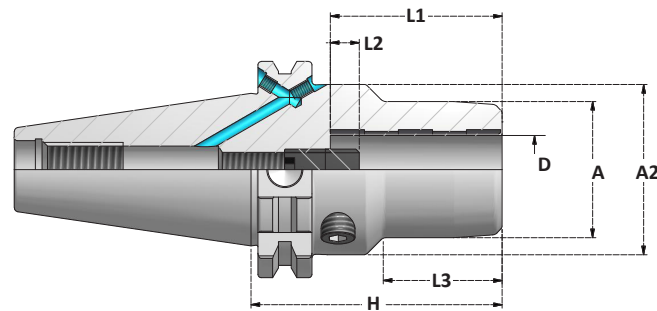
**ALTRE LUNGHEZZE RICHIESTA**  
**OTHER LENGTHS ON REQUEST**

#### ACCESSORI - ACCESSORIES



### MANDRINI IDRAULICI

#### HYDRAULIC CHUCKS



**G2,5**  
25000 r.p.m.

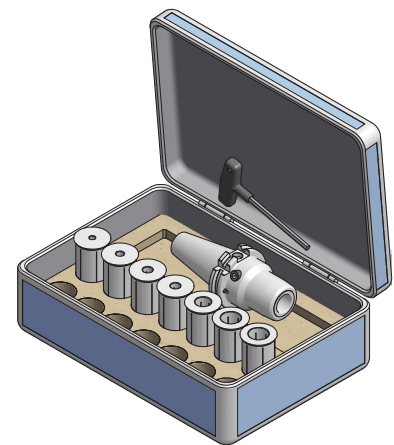


Articolo	D	H	L1	L2	L3	A	A2
<b>TCB50.H81.HY32</b>	32	81	61	10	/	72	/

**G2,5**  
25000 r.p.m.



Articolo	D	H	L1	L2	L3	A	A2
<b>TCB50.H80.HY6</b>	6	80	37	10	40	26	49,5
<b>TCB50.H110.HY6</b>	6	110	37	10	40	26	49,5
<b>TCB50.H80.HY8</b>	8	80	37	10	40	28	49,5
<b>TCB50.H110.HY8</b>	8	110	37	10	40	28	49,5
<b>TCB50.H80.HY10</b>	10	80	41	10	40	30	49,5
<b>TCB50.H110.HY10</b>	10	110	41	10	40	30	49,5
<b>TCB50.H80.HY12</b>	12	80	46	10	40	32	49,5
<b>TCB50.H110.HY12</b>	12	110	46	10	40	32	49,5
<b>TCB50.H80.HY14</b>	14	80	46	10	40	34	49,5
<b>TCB50.H110.HY14</b>	14	110	46	10	40	34	49,5
<b>TCB50.H80.HY16</b>	16	80	49	10	46	38	49,5
<b>TCB50.H110.HY16</b>	16	110	49	10	46	38	49,5
<b>TCB50.H80.HY18</b>	18	80	49	10	46	40	49,5
<b>TCB50.H110.HY18</b>	18	110	49	10	46	40	49,5
<b>TCB50.H80.HY20</b>	20	80	51	10	46	42	49,5
<b>TCB50.H110.HY20</b>	20	110	51	10	46	42	49,5
<b>TCB50.H100.HY25</b>	25	100	57	10	55	49,5	55
<b>TCB50.H120.HY25</b>	25	120	57	10	55	49,5	55
<b>TCB50.H100.HY32</b>	32	100	61	10	55	56	63
<b>TCB50.H120.HY32</b>	32	120	61	10	55	56	63



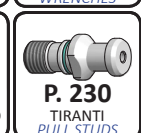
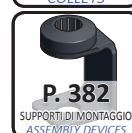
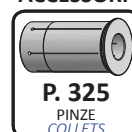
#### KIT - MANDRINO, CHIAVE E PINZE

##### KIT - TOOLHOLDER, WRENCH AND COLLETS

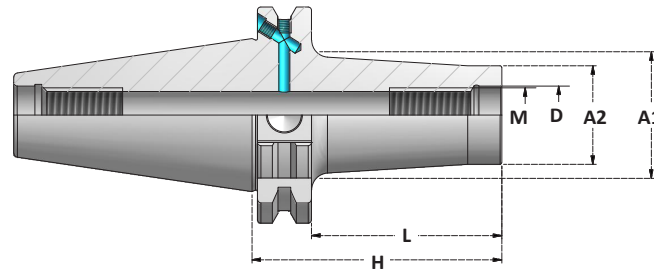
Articolo	Pinze Collets	Mandrino con chiave Toolholder with wrench
<b>BX.TCB50.HY20</b>	6SR20.D6-D8-D10-D12-D16	TCB50.H80.HY20
<b>BX.TCB50.HY32</b>	6SR32.D6-D8-D10-D12-D16-D20-D25	TCB50.H100.HY32

**ALTRE LUNGHEZZE RICHIESTA**  
**OTHER LENGTHS ON REQUEST**

#### ACCESSORI - ACCESSORIES





**MANDRINI PER FRESE CON ATTACCO FILETTATO**
*SCREW IN MILL CHUCKS*


Articolo	M	D	H	L	A1	A2
TCB40.H55.M8CPY	M8	8,5	55	35	15	13
TCB40.H75.M8CPY	M8	8,5	75	55	23	13
TCB40.H95.M8CPY	M8	8,5	95	75	23	13
TCB40.H115.M8CPY	M8	8,5	115	95	25	13
TCB40.H55.M10CPY	M10	10,5	55	35	20	18
TCB40.H75.M10CPY	M10	10,5	75	55	25	18
TCB40.H95.M10CPY	M10	10,5	95	75	28	18
TCB40.H115.M10CPY	M10	10,5	115	95	28	18
TCB40.H145.M10CPY	M10	10,5	145	125	34	18
TCB40.H55.M12CPY	M12	12,5	55	35	24	21
TCB40.H75.M12CPY	M12	12,5	75	55	24	21
TCB40.H95.M12CPY	M12	12,5	95	75	31	21
TCB40.H115.M12CPY	M12	12,5	115	95	31	21
TCB40.H145.M12CPY	M12	12,5	145	125	38	21
TCB40.H175.M12CPY	M12	12,5	175	155	42	21
TCB40.H55.M16CPY	M16	17	55	35	34	29
TCB40.H75.M16CPY	M16	17	75	55	34	29
TCB40.H95.M16CPY	M16	17	95	75	34	29
TCB40.H115.M16CPY	M16	17	115	95	39	29
TCB40.H145.M16CPY	M16	17	145	125	39	29
TCB40.H175.M16CPY	M16	17	175	155	39	29



Articolo	M	D	H	L	A1	A2
TCB50.H85.M10CPY	M10	10,5	85	65	28	18
TCB50.H135.M10CPY	M10	10,5	135	115	28	18
TCB50.H185.M10CPY	M10	10,5	185	165	32	18
TCB50.H85.M12CPY	M12	12,5	85	65	32	21
TCB50.H135.M12CPY	M12	12,5	135	115	32	21
TCB50.H185.M12CPY	M12	12,5	185	165	36	21
TCB50.H85.M16CPY	M16	17	85	65	36	29
TCB50.H135.M16CPY	M16	17	135	115	40	29
TCB50.H185.M16CPY	M16	17	185	165	42	29

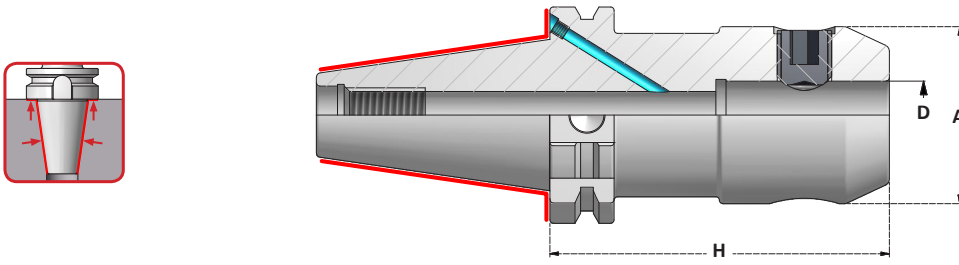
Momento di serraggio consigliato  
*Recommended tightening torque*

<b>M8</b>	25Nm
<b>M10</b>	40Nm
<b>M12</b>	60Nm
<b>M16</b>	80Nm

**ACCESSORI - ACCESSORIES**


**MANDRINI A DOPPIO CONTATTO PORTAFRESE WELDON**

*DOUBLE CONTACT END MILL HOLDERS WELDON*

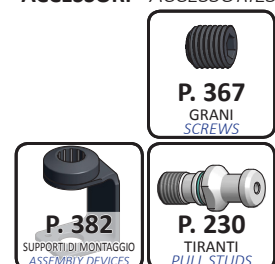


Articolo	D	H	A	Grano Screw
DTCB40.H50.WE6	6	50	25	GR.WE6
DTCB40.H50.WE8	8	50	28	GR.WE8
DTCB40.H50.WE10	10	50	35	GR.WE10
DTCB40.H50.WE12	12	50	42	GR.WE12-14
DTCB40.H63.WE16	16	63	48	GR.WE16-18
DTCB40.H63.WE20	20	63	52	GR.WE20
DTCB40.H100.WE25	25	100	65	GR.WE25
DTCB40.H100.WE32	32	100	72	GR.WE32-40

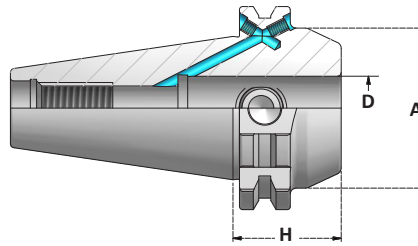


Articolo	D	H	A	Grano Screw
DTCB50.H63.WE6	6	63	25	GR.WE6
DTCB50.H63.WE8	8	63	28	GR.WE8
DTCB50.H63.WE10	10	63	35	GR.WE10
DTCB50.H63.WE12	12	63	42	GR.WE12-14
DTCB50.H63.WE16	16	63	48	GR.WE16-18
DTCB50.H63.WE20	20	63	52	GR.WE20
DTCB50.H80.WE25	25	80	65	GR.WE25
DTCB50.H100.WE32	32	100	72	GR.WE32-40
DTCB50.H112.WE40	40	112	80	GR.WE32-40
DTCB50.H130.WE50	50	130	100	GR.WE50

ACCESSORI - ACCESSORIES



**MANDRINI PORTAFRESA WELDON - EXTRACORTI**  
END MILL HOLDERS WELDON - STUB LENGTH



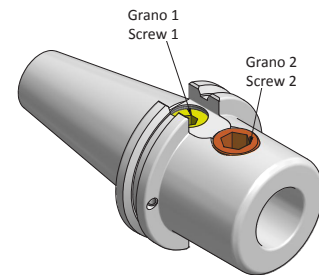
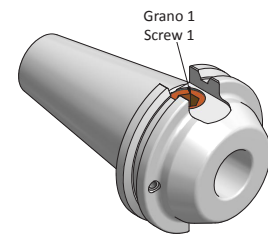
Articolo	D	H	A	Grano 1 Screw 1	Grano 2 Screw 2
<b>TC30.H35.WE6</b>	6	35	25	GR.WE6	/
<b>TC30.H35.WE8</b>	8	35	28	GR.WE8	/
<b>TC30.H35.WE10</b>	10	35	35	GR.WE10	/
<b>TC30.H35.WE12</b>	12	35	42	GR.WE12-14	/
<b>TC30.H35.WE14</b>	14	35	44	GR.WE12-14	/
<b>TC30.H35.WE16</b>	16	35	44	GR.WEC16	/
<b>TC30.H35.WE18</b>	18	35	44	GR.WEC25-32	/
<b>TC30.H35.WE20</b>	20	35	44	GR.WEC20	/



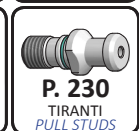
Articolo	D	H	A	Grano 1 Screw 1	Grano 2 Screw 2
<b>TCB40.H35.WE16</b>	16	35	44	GR.WEC16	/
<b>TCB40.H35.WE20</b>	20	35	44	GR.WEC20	/
<b>TCB40.H35.WE25</b>	25	35	44	GR.WEC20	/
<b>TCB40.H60.WE25</b>	25	60	50	GR.WEC25-32	GR.WEC25
<b>TCB40.H40.WE32</b>	32	40	50	GR.WEC25-32	/
<b>TCB40.H70.WE32</b>	32	70	50	GR.WEC25-32	GR.WE32-40



Articolo	D	H	A	Grano 1 Screw 1	Grano 2 Screw 2
<b>TCB50.H35.WE16</b>	16	35	48	GR.WE16-18	/
<b>TCB50.H35.WE20</b>	20	35	52	GR.WE20	/
<b>TCB50.H35.WE25</b>	25	35	65	GR.WE25	/
<b>TCB50.H35.WE32</b>	32	35	72	GR.WE32-40	/
<b>TCB50.H35.WE40</b>	40	35	80	GR.WEC32-40	/

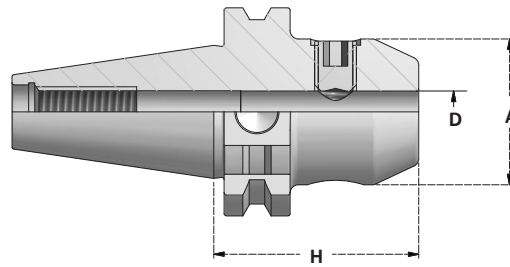


**ACCESSORI - ACCESSORIES**



**MANDRINI PORTAFRESA WELDON**

END MILL HOLDERS WELDON



Articolo	D	H	A	Grano Screw
TC30.H50.WE6	6	50	25	GR.WE6
TC30.H100.WE6	6	100	25	GR.WE6
TC30.H50.WE8	8	50	28	GR.WE8
TC30.H100.WE8	8	100	28	GR.WE8
TC30.H50.WE10	10	50	35	GR.WE10
TC30.H100.WE10	10	100	35	GR.WE10
TC30.H50.WE12	12	50	42	GR.WE12-14
TC30.H100.WE12	12	100	42	GR.WE12-14
TC30.H50.WE14	14	50	44	GR.WE12-14
TC30.H100.WE14	14	100	44	GR.WE12-14
TC30.H63.WE16	16	63	48	M16x10
TC30.H100.WE16	16	100	48	GR.WE16-18
TC30.H63.WE18	18	63	50	GR.WE16-18
TC30.H100.WE18	18	100	50	GR.WE16-18
TC30.H63.WE20	20	63	52	GR.WE20
TC30.H100.WE20	20	100	52	GR.WE20

ACCESSORI - ACCESSORIES



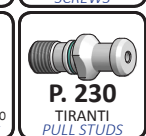
**P. 268**  
RIDUZIONI  
ADAPTERS



**P. 367**  
GRANI  
SCREWS



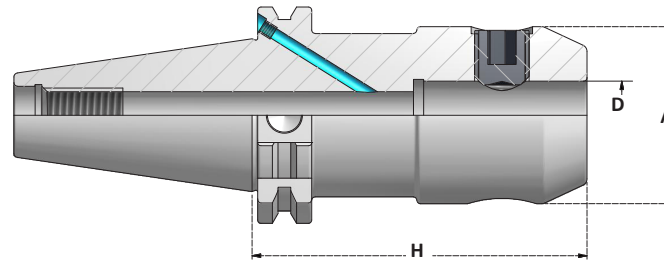
**P. 382**  
SUPPORTI DI MONTAGGIO  
ASSEMBLY DEVICES



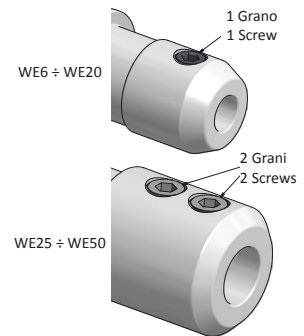
**P. 230**  
TIRANTI  
PULL STUDS

**MANDRINI PORTAFRESA WELDON**

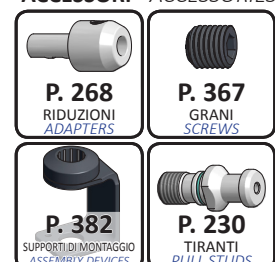
*END MILL HOLDERS WELDON*



Articolo	D	H	A	Grano Screw
TCB40.H50.WE6	6	50	25	GR.WE6
TCB40.H100.WE6	6	100	25	GR.WE6
TCB40.H130.WE6	6	130	25	GR.WE6
TCB40.H160.WE6	6	160	25	GR.WE6
TCB40.H200.WE6	6	200	25	GR.WE6
TCB40.H50.WE8	8	50	28	GR.WE8
TCB40.H100.WE8	8	100	28	GR.WE8
TCB40.H130.WE8	8	130	28	GR.WE8
TCB40.H160.WE8	8	160	28	GR.WE8
TCB40.H200.WE8	8	200	28	GR.WE8
TCB40.H50.WE10	10	50	35	GR.WE10
TCB40.H100.WE10	10	100	35	GR.WE10
TCB40.H130.WE10	10	130	35	GR.WE10
TCB40.H160.WE10	10	160	35	GR.WE10
TCB40.H200.WE10	10	200	35	GR.WE10
TCB40.H50.WE12	12	50	42	GR.WE12-14
TCB40.H100.WE12	12	100	42	GR.WE12-14
TCB40.H130.WE12	12	130	42	GR.WE12-14
TCB40.H160.WE12	12	160	42	GR.WE12-14
TCB40.H200.WE12	12	200	42	GR.WE12-14
TCB40.H50.WE14	14	50	44	GR.WE12-14
TCB40.H100.WE14	14	100	44	GR.WE12-14
TCB40.H130.WE14	14	130	44	GR.WE12-14
TCB40.H160.WE14	14	160	44	GR.WE12-14
TCB40.H200.WE14	14	200	44	GR.WE12-14
TCB40.H63.WE16	16	63	48	GR.WE16-18
TCB40.H100.WE16	16	100	48	GR.WE16-18
TCB40.H130.WE16	16	130	48	GR.WE16-18
TCB40.H160.WE16	16	160	48	GR.WE16-18
TCB40.H200.WE16	16	200	48	GR.WE16-18
TCB40.H63.WE18	18	63	50	GR.WE16-18
TCB40.H100.WE18	18	100	50	GR.WE16-18
TCB40.H130.WE18	18	130	50	GR.WE16-18
TCB40.H160.WE18	18	160	50	GR.WE16-18
TCB40.H200.WE18	18	200	50	GR.WE16-18
TCB40.H63.WE20	20	63	52	GR.WE20
TCB40.H100.WE20	20	100	52	GR.WE20
TCB40.H130.WE20	20	130	52	GR.WE20
TCB40.H160.WE20	20	160	52	GR.WE20
TCB40.H200.WE20	20	200	52	GR.WE20

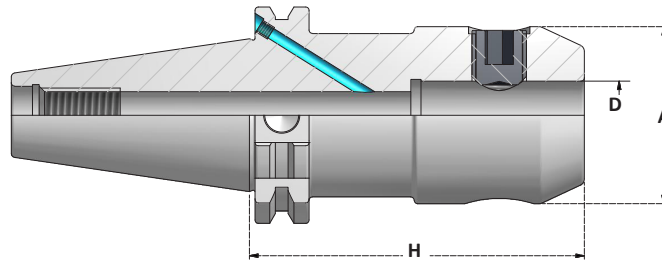


**ACCESSORI - ACCESSORIES**

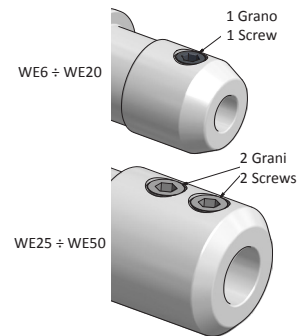


**MANDRINI PORTAFRESA WELDON**

*END MILL HOLDERS WELDON*

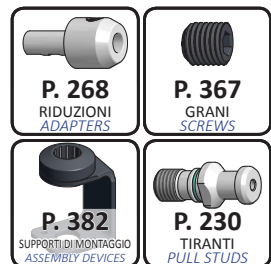


Articolo	D	H	A	Grano Screw
TCB40.H100.WE25	25	100	65	GR.WE25
TCB40.H130.WE25	25	130	65	GR.WE25
TCB40.H160.WE25	25	160	65	GR.WE25
TCB40.H200.WE25	25	200	65	GR.WE25
TCB40.H100.WE32	32	100	72	GR.WE32-40
TCB40.H130.WE32	32	130	72	GR.WE32-40
TCB40.H160.WE32	32	160	72	GR.WE32-40
TCB40.H200.WE32	32	200	72	GR.WE32-40
TCB40.H120.WE40	40	120	80	GR.WE32-40



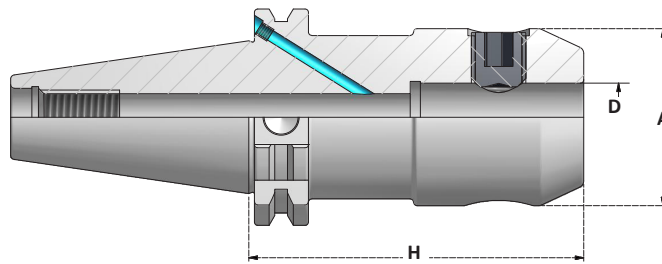
Articolo	D	H	A	Grano Screw
TCB50.H63.WE6	6	63	25	GR.WE6
TCB50.H100.WE6	6	100	25	GR.WE6
TCB50.H130.WE6	6	130	25	GR.WE6
TCB50.H160.WE6	6	160	25	GR.WE6
TCB50.H200.WE6	6	200	25	GR.WE6
TCB50.H63.WE8	8	63	28	GR.WE8
TCB50.H100.WE8	8	100	28	GR.WE8
TCB50.H130.WE8	8	130	28	GR.WE8
TCB50.H160.WE8	8	160	28	GR.WE8
TCB50.H200.WE8	8	200	28	GR.WE8
TCB50.H63.WE10	10	63	35	GR.WE10
TCB50.H100.WE10	10	100	35	GR.WE10
TCB50.H130.WE10	10	130	35	GR.WE10
TCB50.H160.WE10	10	160	35	GR.WE10
TCB50.H200.WE10	10	200	35	GR.WE10
TCB50.H63.WE12	12	63	42	GR.WE12-14
TCB50.H100.WE12	12	100	42	GR.WE12-14
TCB50.H130.WE12	12	130	42	GR.WE12-14
TCB50.H160.WE12	12	160	42	GR.WE12-14
TCB50.H200.WE12	12	200	42	GR.WE12-14
TCB50.H63.WE14	14	63	44	GR.WE12-14
TCB50.H100.WE14	14	100	44	GR.WE12-14
TCB50.H130.WE14	14	130	44	GR.WE12-14
TCB50.H160.WE14	14	160	44	GR.WE12-14
TCB50.H200.WE14	14	200	44	GR.WE12-14

**ACCESSORI - ACCESSORIES**

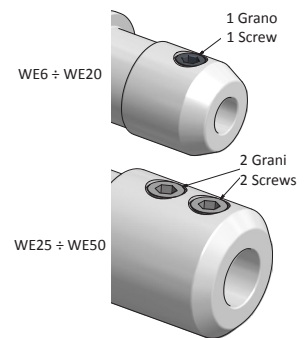


**MANDRINI PORTAFRESA WELDON**

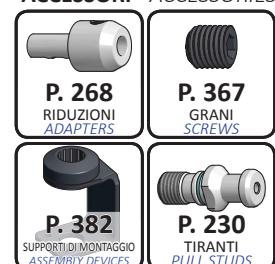
*END MILL HOLDERS WELDON*



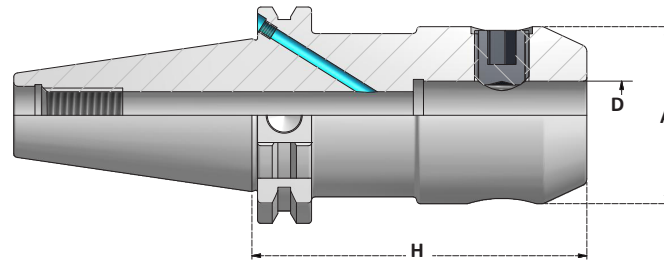
Articolo	D	H	A	Grano Screw
<b>TCB50.H63.WE16</b>	16	63	48	GR.WE16-18
<b>TCB50.H100.WE16</b>	16	100	48	GR.WE16-18
<b>TCB50.H130.WE16</b>	16	130	48	GR.WE16-18
<b>TCB50.H160.WE16</b>	16	160	48	GR.WE16-18
<b>TCB50.H200.WE16</b>	16	200	48	GR.WE16-18
<b>TCB50.H63.WE18</b>	18	63	50	GR.WE16-18
<b>TCB50.H100.WE18</b>	18	100	50	GR.WE16-18
<b>TCB50.H130.WE18</b>	18	130	50	GR.WE16-18
<b>TCB50.H160.WE18</b>	18	160	50	GR.WE16-18
<b>TCB50.H200.WE18</b>	18	200	50	GR.WE16-18
<b>TCB50.H63.WE20</b>	20	63	52	GR.WE20
<b>TCB50.H100.WE20</b>	20	100	52	GR.WE20
<b>TCB50.H130.WE20</b>	20	130	52	GR.WE20
<b>TCB50.H160.WE20</b>	20	160	52	GR.WE20
<b>TCB50.H200.WE20</b>	20	200	52	GR.WE20
<b>TCB50.H250.WE20</b>	20	250	52	GR.WE20
<b>TCB50.H80.WE25</b>	25	80	65	GR.WE25
<b>TCB50.H100.WE25</b>	25	100	65	GR.WE25
<b>TCB50.H130.WE25</b>	25	130	65	GR.WE25
<b>TCB50.H160.WE25</b>	25	160	65	GR.WE25
<b>TCB50.H200.WE25</b>	25	200	65	GR.WE25
<b>TCB50.H250.WE25</b>	25	250	65	GR.WE25
<b>TCB50.H100.WE32</b>	32	100	72	GR.WE32-40
<b>TCB50.H130.WE32</b>	32	130	72	GR.WE32-40
<b>TCB50.H160.WE32</b>	32	160	72	GR.WE32-40
<b>TCB50.H200.WE32</b>	32	200	72	GR.WE32-40
<b>TCB50.H250.WE32</b>	32	250	72	GR.WE32-40
<b>TCB50.H112.WE40</b>	40	112	80	GR.WE32-40
<b>TCB50.H130.WE40</b>	40	130	80	GR.WE32-40
<b>TCB50.H160.WE40</b>	40	160	80	GR.WE32-40
<b>TCB50.H200.WE40</b>	40	200	80	GR.WE32-40
<b>TCB50.H130.WE50</b>	50	130	100	GR.WE50



**ACCESSORI - ACCESSORIES**

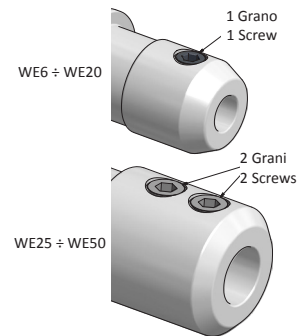


**MANDRINI PORTAFRESA WELDON PER ALTE VELOCITA'**  
*END MILL HOLDERS WELDON FOR HIGH SPEEDS*

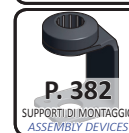


Articolo	D	H	A	Grano Screw
TCB40.H50.WE6E	6	50	25	GR.WE6
TCB40.H50.WE8E	8	50	28	GR.WE8
TCB40.H50.WE10E	10	50	35	GR.WE10
TCB40.H50.WE12E	12	50	42	GR.WE12-14
TCB40.H50.WE14E	14	50	44	GR.WE12-14
TCB40.H63.WE16E	16	63	48	GR.WE16-18
TCB40.H63.WE18E	18	63	50	GR.WE16-18
TCB40.H63.WE20E	20	63	52	GR.WE20
TCB40.H100.WE25E	25	100	65	GR.WE25
TCB40.H100.WE32E	32	100	72	GR.WE32-40

**ALTRI A RICHIESTA**  
*OTHERS ON REQUEST*

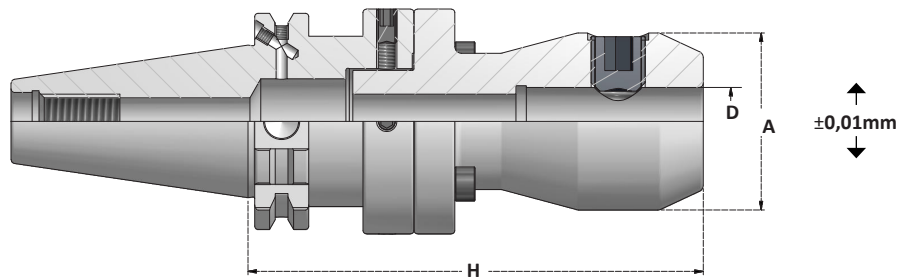


**ACCESSORI - ACCESSORIES**





**MANDRINI PORTAFRESA WELDON A CENTRATURA REGOLABILE**  
*RUNOUT ADJUSTABLE END MILL HOLDERS WELDON*

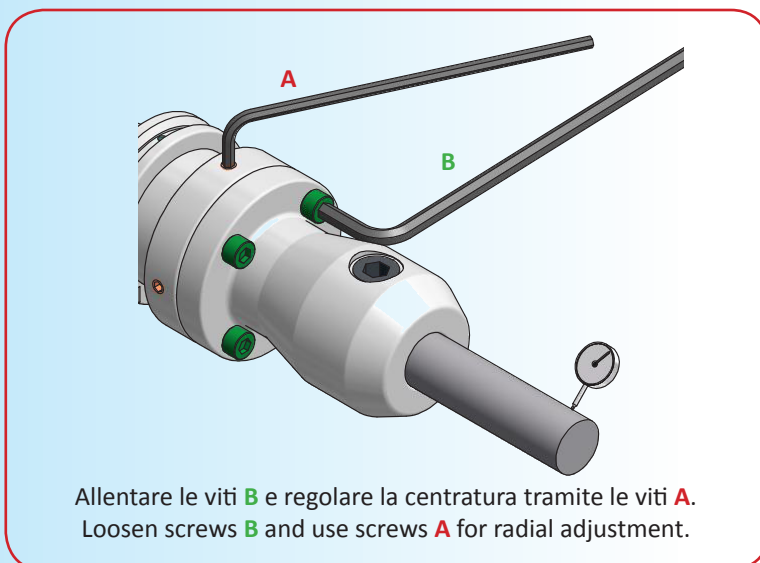


Articolo	D	H	A	Grano Screw
<b>TCB40.H100.WE6RG</b>	6	100	25	GR.WE6
<b>TCB40.H100.WE8RG</b>	8	100	28	GR.WE8
<b>TCB40.H100.WE10RG</b>	10	100	35	GR.WE10
<b>TCB40.H110.WE12RG</b>	12	110	42	GR.WE12-14
<b>TCB40.H110.WE14RG</b>	14	110	44	GR.WE12-14
<b>TCB40.H130.WE16RG</b>	16	130	48	GR.WE16-18
<b>TCB40.H130.WE18RG</b>	18	130	50	GR.WE16-18
<b>TCB40.H135.WE20RG</b>	20	135	52	GR.WE20

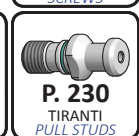
**Centratura regolabile 0,01mm**  
*Adjustable runout 0,01mm*



Articolo	D	H	A	Grano Screw
<b>TCB50.H100.WE6RG</b>	6	100	25	GR.WE6
<b>TCB50.H100.WE8RG</b>	8	100	28	GR.WE8
<b>TCB50.H100.WE10RG</b>	10	100	35	GR.WE10
<b>TCB50.H110.WE12RG</b>	12	110	42	GR.WE12-14
<b>TCB50.H110.WE14RG</b>	14	110	44	GR.WE12-14
<b>TCB50.H130.WE16RG</b>	16	130	48	GR.WE16-18
<b>TCB50.H130.WE18RG</b>	18	130	50	GR.WE16-18
<b>TCB50.H135.WE20RG</b>	20	135	52	GR.WE20

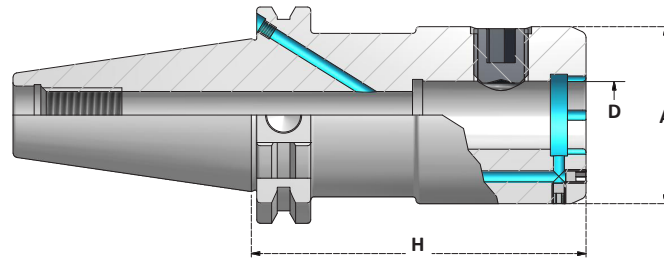


**ACCESSORI - ACCESSORIES**



**MANDRINI PORTAFRESA WELDON CON CANALI DI LUBRIFICAZIONE**

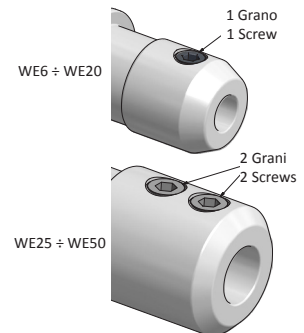
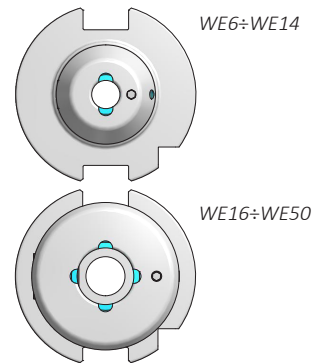
*END MILL HOLDERS WELDON WITH COOLANT CHANNELS*



Articolo	D	H	A	Grano Screw
TCB40.H65.WE6C	6	65	25	GR.WE6
TCB40.H65.WE8C	8	65	28	GR.WE8
TCB40.H65.WE10C	10	65	35	GR.WE10
TCB40.H65.WE12C	12	65	42	GR.WE12-14
TCB40.H65.WE14C	14	65	44	GR.WE12-14
TCB40.H65.WE16C	16	65	48	GR.WE16-18
TCB40.H65.WE18C	18	65	50	GR.WE16-18
TCB40.H65.WE20C	20	65	52	GR.WE20
TCB40.H100.WE25C	25	100	65	GR.WE25
TCB40.H100.WE32C	32	100	72	GR.WE32-40



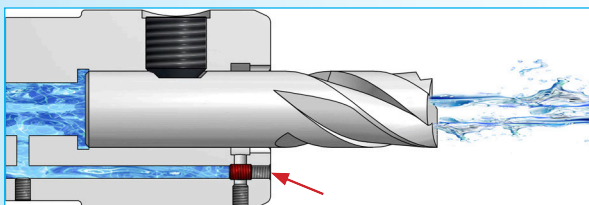
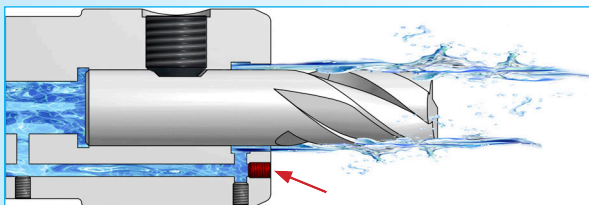
Articolo	D	H	A	Grano Screw
TCB50.H63.WE6C	6	63	25	GR.WE6
TCB50.H63.WE8C	8	63	28	GR.WE8
TCB50.H63.WE10C	10	63	35	GR.WE10
TCB50.H63.WE12C	12	63	42	GR.WE12-14
TCB50.H63.WE14C	14	63	44	GR.WE12-14
TCB50.H63.WE16C	16	63	48	GR.WE16-18
TCB50.H63.WE18C	18	63	50	GR.WE16-18
TCB50.H63.WE20C	20	63	52	GR.WE20
TCB50.H100.WE25C	25	100	65	GR.WE25
TCB50.H100.WE32C	32	100	72	GR.WE32-40
TCB50.H100.WE40C	40	100	90	GR.WE32-40



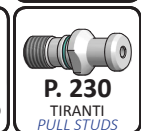
Regolando il grano si può scegliere se indirizzare il liquido refrigerante ai fori del mandrino o attraverso l'utensile.

Lock screw for coolant through tool.

Unlock screw for coolant through toolholder.

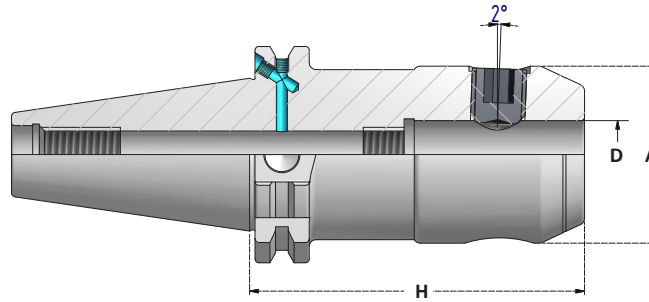


ACCESSORI - ACCESSORIES



**MANDRINI PORTAFRESA WHISTLE NOTCH**

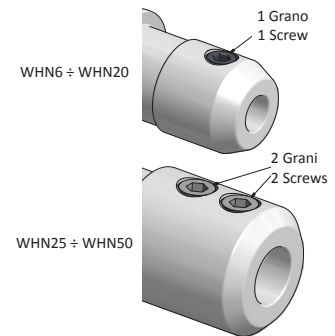
*END MILL HOLDERS WHISTLE NOTCH*



Articolo	D	H	A	Grano Screw
TCB40.H50.WHN6	6	50	25	GR.WE6
TCB40.H50.WHN8	8	50	28	GR.WE8
TCB40.H50.WHN10	10	50	35	GR.WE10
TCB40.H50.WHN12	12	50	42	GR.WE12-14
TCB40.H50.WHN14	14	50	44	GR.WE12-14
TCB40.H63.WHN16	16	63	48	GR.WE16-18
TCB40.H63.WHN18	18	63	50	GR.WE16-18
TCB40.H63.WHN20	20	63	52	GR.WE20
TCB40.H100.WHN25	25	100	65	GR.WE25
TCB40.H100.WHN32	32	100	72	GR.WE32-40



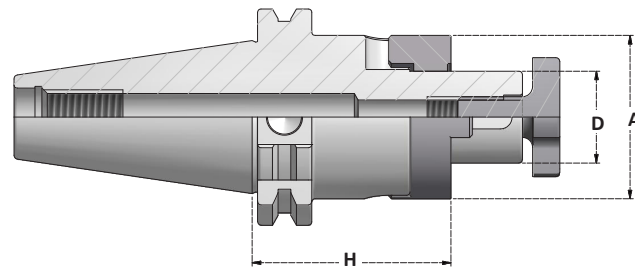
Articolo	D	H	A	Grano Screw
TCB50.H63.WHN6	6	63	25	GR.WE6
TCB50.H63.WHN8	8	63	28	GR.WE8
TCB50.H63.WHN10	10	63	35	GR.WE10
TCB50.H63.WHN12	12	63	42	GR.WE12-14
TCB50.H63.WHN14	14	63	44	GR.WE12-14
TCB50.H63.WHN16	16	63	48	GR.WE16-18
TCB50.H63.WHN18	18	63	50	GR.WE16-18
TCB50.H63.WHN20	20	63	52	GR.WE20
TCB50.H80.WHN25	25	80	65	GR.WE25
TCB50.H100.WHN32	32	100	72	GR.WE32-40
TCB50.H112.WHN40	40	112	80	GR.WE32-40



**ACCESSORI - ACCESSORIES**



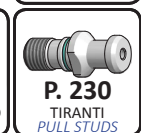
**MANDRINI PORTAFRESA COMBINATI**  
*COMBI SHELL MILL HOLDERS*



G6,3 15000, r.p.m. AD	Articolo	D	H	A	ATR	VTC	CHV
		<b>TC30.H50.D16C</b>	16	50	32	ATR.D16	VTC.D16
	<b>TC30.H50.D22C</b>	22	50	40	ATR.D22	VTC.D22	CHV.D22
	<b>TC30.H55.D27C</b>	27	55	48	ATR.D27	VTC.D27	CHV.D27
	<b>TC30.H60.D32C</b>	32	60	58	ATR.D32	VTC.D32	CHV.D32

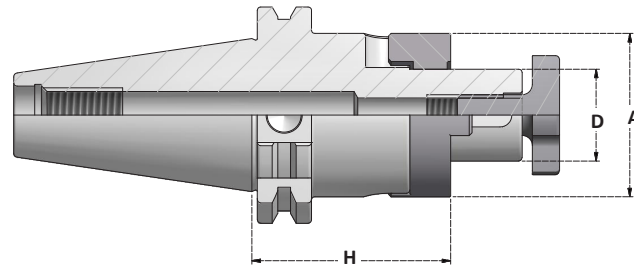
G6,3 15000, r.p.m. AD	Articolo	D	H	A	ATR	VTC	CHV
		<b>TC40.H55.D16C</b>	16	55	32	ATR.D16	VTC.D16
	<b>TC40.H100.D16C</b>	16	100	32	ATR.D16	VTC.D16	CHV.D16
	<b>TC40.H130.D16C</b>	16	130	32	ATR.D16	VTC.D16	CHV.D16
	<b>TC40.H160.D16C</b>	16	160	32	ATR.D16	VTC.D16	CHV.D16
	<b>TC40.H200.D16C</b>	16	200	32	ATR.D16	VTC.D16	CHV.D16
	<b>TC40.H55.D22C</b>	22	55	40	ATR.D22	VTC.D22	CHV.D22
	<b>TC40.H100.D22C</b>	22	100	40	ATR.D22	VTC.D22	CHV.D22
	<b>TC40.H130.D22C</b>	22	130	40	ATR.D22	VTC.D22	CHV.D22
	<b>TC40.H160.D22C</b>	22	160	40	ATR.D22	VTC.D22	CHV.D22
	<b>TC40.H200.D22C</b>	22	200	40	ATR.D22	VTC.D22	CHV.D22
	<b>TC40.H55.D27C</b>	27	55	48	ATR.D27	VTC.D27	CHV.D27
	<b>TC40.H100.D27C</b>	27	100	48	ATR.D27	VTC.D27	CHV.D27
	<b>TC40.H130.D27C</b>	27	130	48	ATR.D27	VTC.D27	CHV.D27
	<b>TC40.H160.D27C</b>	27	160	48	ATR.D27	VTC.D27	CHV.D27
	<b>TC40.H200.D27C</b>	27	200	48	ATR.D27	VTC.D27	CHV.D27
	<b>TC40.H60.D32C</b>	32	60	58	ATR.D32	VTC.D32	CHV.D32
	<b>TC40.H100.D32C</b>	32	100	58	ATR.D32	VTC.D32	CHV.D32
	<b>TC40.H130.D32C</b>	32	130	58	ATR.D32	VTC.D32	CHV.D32
	<b>TC40.H160.D32C</b>	32	160	58	ATR.D32	VTC.D32	CHV.D32
	<b>TC40.H200.D32C</b>	32	200	58	ATR.D32	VTC.D32	CHV.D32
	<b>TC40.H60.D40C</b>	40	60	70	ATR.D40	VTC.D40	CHV.D40
	<b>TC40.H100.D40C</b>	40	100	70	ATR.D40	VTC.D40	CHV.D40
	<b>TC40.H130.D40C</b>	40	130	70	ATR.D40	VTC.D40	CHV.D40
	<b>TC40.H160.D40C</b>	40	160	70	ATR.D40	VTC.D40	CHV.D40
	<b>TC40.H200.D40C</b>	40	200	70	ATR.D40	VTC.D40	CHV.D40

**ACCESSORI - ACCESSORIES**



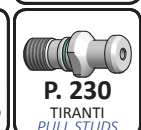
**MANDRINI PORTAFRESA COMBINATI**

*COMBI SHELL MILL HOLDERS*

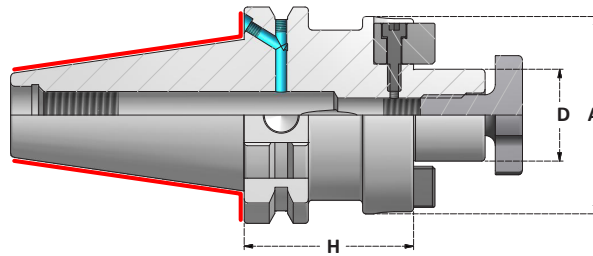


Articolo	D	H	A	ATR	VTC	CHV
<b>TC50.H55.D16C</b>	16	55	32	ATR.D16	VTC.D16	CHV.D16
<b>TC50.H100.D16C</b>	16	100	32	ATR.D16	VTC.D16	CHV.D16
<b>TC50.H130.D16C</b>	16	130	32	ATR.D16	VTC.D16	CHV.D16
<b>TC50.H160.D16C</b>	16	160	32	ATR.D16	VTC.D16	CHV.D16
<b>TC50.H55.D22C</b>	22	55	40	ATR.D22	VTC.D22	CHV.D22
<b>TC50.H100.D22C</b>	22	100	40	ATR.D22	VTC.D22	CHV.D22
<b>TC50.H130.D22C</b>	22	130	40	ATR.D22	VTC.D22	CHV.D22
<b>TC50.H160.D22C</b>	22	160	40	ATR.D22	VTC.D22	CHV.D22
<b>TC50.H55.D27C</b>	27	55	48	ATR.D27	VTC.D27	CHV.D27
<b>TC50.H100.D27C</b>	27	100	48	ATR.D27	VTC.D27	CHV.D27
<b>TC50.H130.D27C</b>	27	130	48	ATR.D27	VTC.D27	CHV.D27
<b>TC50.H160.D27C</b>	27	160	48	ATR.D27	VTC.D27	CHV.D27
<b>TC50.H55.D32C</b>	32	55	58	ATR.D32	VTC.D32	CHV.D32
<b>TC50.H100.D32C</b>	32	100	58	ATR.D32	VTC.D32	CHV.D32
<b>TC50.H130.D32C</b>	32	130	58	ATR.D32	VTC.D32	CHV.D32
<b>TC50.H160.D32C</b>	32	160	58	ATR.D32	VTC.D32	CHV.D32
<b>TC50.H55.D40C</b>	40	55	70	ATR.D40	VTC.D40	CHV.D40
<b>TC50.H100.D40C</b>	40	100	70	ATR.D40	VTC.D40	CHV.D40
<b>TC50.H130.D40C</b>	40	130	70	ATR.D40	VTC.D40	CHV.D40
<b>TC50.H160.D40C</b>	40	160	70	ATR.D40	VTC.D40	CHV.D40

**ACCESSORI - ACCESSORIES**



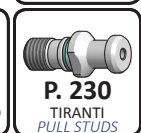
**MANDRINI A DOPPIO CONTATTO PORTAFRESA FISSI**  
*DOUBLE CONTACT SHELL MILL HOLDERS*



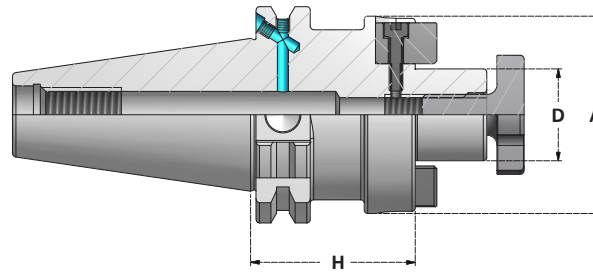
G2,5 25000 r.p.m. AD+B	Articolo	D	H	A	TTR	VTC
		<b>DTCB40.H35.D16S</b>	16	35	38	TTR.D16
	<b>DTCB40.H35.D22S</b>	22	35	48	TTR.D22	VTC.D22
	<b>DTCB40.H60.D27S</b>	27	60	58	TTR.D27	VTC.D27
	<b>DTCB40.H60.D32S</b>	32	60	78	TTR.D32	VTC.D32
	<b>DTCB40.H60.D40S</b>	40	60	88	TTR.D40	VTC.D40

G2,5 25000 r.p.m. AD+B	Articolo	D	H	A	TTR	VTC
		<b>DTCB50.H35.D16S</b>	16	35	38	TTR.D16
	<b>DTCB50.H35.D22S</b>	22	35	48	TTR.D22	VTC.D22
	<b>DTCB50.H35.D27S</b>	27	35	58	TTR.D27	VTC.D27
	<b>DTCB50.H35.D32S</b>	32	35	78	TTR.D32	VTC.D32
	<b>DTCB50.H50.D40S</b>	40	50	88	TTR.D40	VTC.D40

**ACCESSORI - ACCESSORIES**

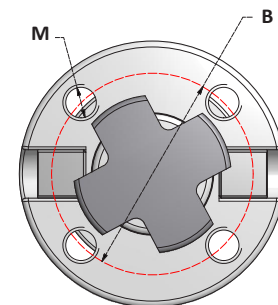


**MANDRINI PORTAFRESA FISSI**  
*SHELL MILL HOLDERS*



G6,3 15000, r.p.m. AD	Articolo	D	H	A	TTR	VTC
		<b>TC30.H35.D16S</b>	16	35	38	TTR.D16
	<b>TC30.H35.D22S</b>	22	35	48	TTR.D22	VTC.D22
	<b>TC30.H60.D27S</b>	27	60	58	TTR.D27	VTC.D27
	<b>TC30.H60.D32S</b>	32	60	78	TTR.D32	VTC.D32

G6,3 15000, r.p.m. AD+B	Articolo	D	H	A	TTR	VTC
		<b>TCB40.H35.D16S</b>	16	35	38	TTR.D16
	<b>TCB40.H45.D16S</b>	16	45	38	TTR.D16	VTC.D16
	<b>TCB40.H100.D16S</b>	16	100	38	TTR.D16	VTC.D16
	<b>TCB40.H130.D16S</b>	16	130	38	TTR.D16	VTC.D16
	<b>TCB40.H160.D16S</b>	16	160	38	TTR.D16	VTC.D16
	<b>TCB40.H200.D16S</b>	16	200	38	TTR.D16	VTC.D16
	<b>TCB40.H35.D22S</b>	22	35	48	TTR.D22	VTC.D22
	<b>TCB40.H45.D22S</b>	22	45	48	TTR.D22	VTC.D22
	<b>TCB40.H100.D22S</b>	22	100	48	TTR.D22	VTC.D22
	<b>TCB40.H130.D22S</b>	22	130	48	TTR.D22	VTC.D22
	<b>TCB40.H160.D22S</b>	22	160	48	TTR.D22	VTC.D22
	<b>TCB40.H200.D22S</b>	22	200	48	TTR.D22	VTC.D22
	<b>TCB40.H35.D27S</b>	27	35	50	TTR.D27	VTC.D27
	<b>TCB40.H50.D27S</b>	27	50	58	TTR.D27	VTC.D27
	<b>TCB40.H100.D27S</b>	27	100	58	TTR.D27	VTC.D27
	<b>TCB40.H130.D27S</b>	27	130	58	TTR.D27	VTC.D27
	<b>TCB40.H160.D27S</b>	27	160	58	TTR.D27	VTC.D27
	<b>TCB40.H200.D27S</b>	27	200	58	TTR.D27	VTC.D27
	<b>TCB40.H50.D32S</b>	32	50	63	TTR.D32	VTC.D32
	<b>TCB40.H55.D32S</b>	32	55	78	TTR.D32	VTC.D32
	<b>TCB40.H100.D32S</b>	32	100	78	TTR.D32	VTC.D32
	<b>TCB40.H130.D32S</b>	32	130	78	TTR.D32	VTC.D32
	<b>TCB40.H160.D32S</b>	32	160	78	TTR.D32	VTC.D32
	<b>TCB40.H200.D32S</b>	32	200	78	TTR.D32	VTC.D32
	<b>TCB40.H60.D40S</b>	40	60	88	TTR.D40	VTC.D40
	<b>TCB40.H100.D40S</b>	40	100	88	TTR.D40	VTC.D40
	<b>TCB40.H130.D40S</b>	40	130	88	TTR.D40	VTC.D40
	<b>TCB40.H160.D40S</b>	40	160	88	TTR.D40	VTC.D40
	<b>TCB40.H200.D40S</b>	40	200	88	TTR.D40	VTC.D40

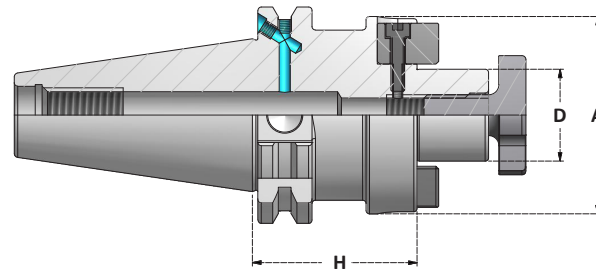


G6,3 15000, r.p.m. AD+B	Articolo	D	H	A	B	M	TTR	VTC
		<b>TCB40.H60.D40FM</b>	40	60	88	66,7	M12	TTR.D40

**ACCESSORI - ACCESSORIES**

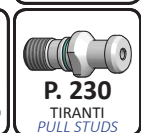


**MANDRINI PORTAFRESA FISSI**  
*SHELL MILL HOLDERS*



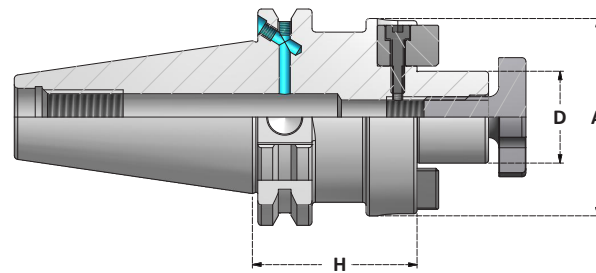
Articolo	D	H	A	TTR	VTC
TCB50.H35.D16S	16	35	38	TTR.D16	VTC.D16
TCB50.H45.D16S	16	45	38	TTR.D16	VTC.D16
TCB50.H75.D16S	16	75	38	TTR.D16	VTC.D16
TCB50.H100.D16S	16	100	38	TTR.D16	VTC.D16
TCB50.H130.D16S	16	130	38	TTR.D16	VTC.D16
TCB50.H160.D16S	16	160	38	TTR.D16	VTC.D16
TCB50.H200.D16S	16	200	38	TTR.D16	VTC.D16
TCB50.H250.D16S	16	250	38	TTR.D16	VTC.D16
TCB50.H300.D16S	16	300	38	TTR.D16	VTC.D16
TCB50.H350.D16S	16	350	38	TTR.D16	VTC.D16
TCB50.H35.D22S	22	35	48	TTR.D22	VTC.D22
TCB50.H45.D22S	22	45	48	TTR.D22	VTC.D22
TCB50.H75.D22S	22	75	48	TTR.D22	VTC.D22
TCB50.H100.D22S	22	100	48	TTR.D22	VTC.D22
TCB50.H130.D22S	22	130	48	TTR.D22	VTC.D22
TCB50.H160.D22S	22	160	48	TTR.D22	VTC.D22
TCB50.H200.D22S	22	200	48	TTR.D22	VTC.D22
TCB50.H250.D22S	22	250	48	TTR.D22	VTC.D22
TCB50.H300.D22S	22	300	48	TTR.D22	VTC.D22
TCB50.H350.D22S	22	350	48	TTR.D22	VTC.D22
TCB50.H35.D27S	27	35	58	TTR.D27	VTC.D27
TCB50.H45.D27S	27	45	58	TTR.D27	VTC.D27
TCB50.H75.D27S	27	75	58	TTR.D27	VTC.D27
TCB50.H100.D27S	27	100	58	TTR.D27	VTC.D27
TCB50.H130.D27S	27	130	58	TTR.D27	VTC.D27
TCB50.H160.D27S	27	160	58	TTR.D27	VTC.D27
TCB50.H200.D27S	27	200	58	TTR.D27	VTC.D27
TCB50.H250.D27S	27	250	58	TTR.D27	VTC.D27
TCB50.H300.D27S	27	300	58	TTR.D27	VTC.D27
TCB50.H350.D27S	27	350	58	TTR.D27	VTC.D27
TCB50.H35.D32S	32	35	78	TTR.D32	VTC.D32
TCB50.H50.D32S	32	50	78	TTR.D32	VTC.D32
TCB50.H75.D32S	32	75	78	TTR.D32	VTC.D32
TCB50.H100.D32S	32	100	78	TTR.D32	VTC.D32
TCB50.H130.D32S	32	130	78	TTR.D32	VTC.D32
TCB50.H160.D32S	32	160	78	TTR.D32	VTC.D32
TCB50.H200.D32S	32	200	78	TTR.D32	VTC.D32
TCB50.H250.D32S	32	250	78	TTR.D32	VTC.D32
TCB50.H300.D32S	32	300	78	TTR.D32	VTC.D32
TCB50.H350.D32S	32	350	78	TTR.D32	VTC.D32

ACCESSORI - ACCESSORIES





**MANDRINI PORTAFRESA FISSI**  
*SHELL MILL HOLDERS*

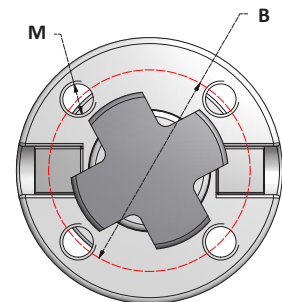


Articolo	D	H	A	TTR	VTC
<b>TCB50.H50.D40S</b>	40	50	88	TTR.D40	VTC.D40
<b>TCB50.H75.D40S</b>	40	75	88	TTR.D40	VTC.D40
<b>TCB50.H100.D40S</b>	40	100	88	TTR.D40	VTC.D40
<b>TCB50.H130.D40S</b>	40	130	88	TTR.D40	VTC.D40
<b>TCB50.H160.D40S</b>	40	160	88	TTR.D40	VTC.D40
<b>TCB50.H200.D40S</b>	40	200	88	TTR.D40	VTC.D40

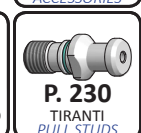


**MANDRINI PER FRESE A SPIANARE CON 4 FORI**  
*FACE MILL HOLDERS WITH 4 HOLES*

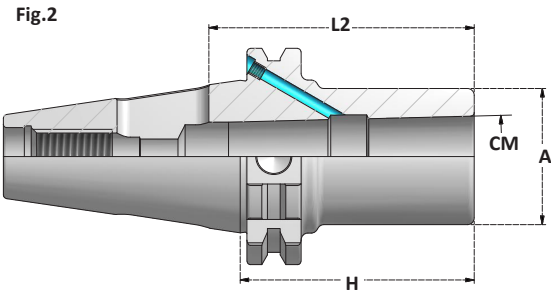
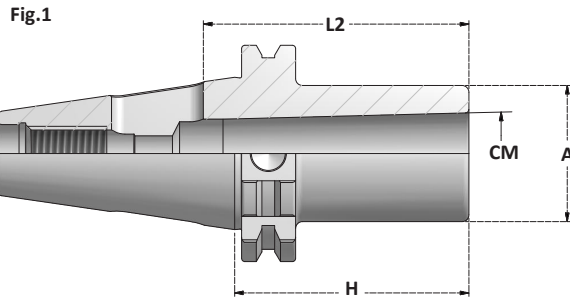
Articolo	D	H	A	B	M	TTR	VTC
<b>TCB50.H50.D40FM</b>	40	50	88	66,7	M12	TTR.D40	VTC.D40
<b>TCB50.H70.D60FM</b>	60	70	129	101,6	M16	TTR.D60	VTC.D60



**ACCESSORI - ACCESSORIES**



**MANDRINI DI RIDUZIONE CONO MORSE PER PUNTE**  
*MORSE TAPER ADAPTERS FOR DRILLS*



	Articolo	CM	H	A	L2	Fig
	TC30.H50.CM1P	CM1	50	25	56	1
	TC30.H60.CM2P	CM2	60	32	67	1
	TC30.H80.CM3P	CM3	80	40	84	1

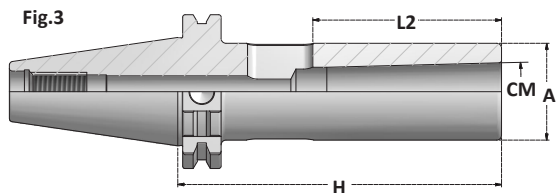
	Articolo	CM	H	A	L2	Fig
	TC40.H50.CM1P	CM1	50	25	56	1
	TC40.H120.CM1P	CM1	120	25	56	3
	TC40.H50.CM2P	CM2	50	32	67	1
	TC40.H120.CM2P	CM2	120	32	67	3
	TC40.H70.CM3P	CM3	70	40	84	1
	TC40.H135.CM3P	CM3	135	40	84	3
	TC40.H95.CM4P	CM4	95	48	107	1
TC40.H165.CM4P	CM4	165	48	107	3	

	Articolo	CM	H	A	L2	Fig
	TC50.H45.CM1P	CM1	45	25	56	1
	TC50.H120.CM1P	CM1	120	25	56	3
	TC50.H60.CM2P	CM2	60	32	67	1
	TC50.H135.CM2P	CM2	135	32	67	3
	TC50.H65.CM3P	CM3	65	40	84	1
	TC50.H155.CM3P	CM3	155	40	84	3
	TC50.H95.CM4P	CM4	95	48	107	1
	TC50.H180.CM4P	CM4	180	48	107	3
	TC50.H105.CM5P	CM5	105	63	135	1
TC50.H215.CM5P	CM5	215	63	135	3	

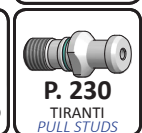
	Articolo	CM	H	A	L2	Fig
	TCB40.H50.CM2P	CM2	50	32	67	2
	TCB40.H70.CM3P	CM3	70	40	84	2
TCB40.H95.CM4P	CM4	95	48	107	2	

	Articolo	CM	H	A	L2	Fig
	TCB50.H60.CM2P	CM2	60	32	67	2
	TCB50.H65.CM3P	CM3	65	40	84	2
	TCB50.H95.CM4P	CM4	95	48	107	2
TCB50.H105.CM5P	CM5	105	63	135	2	

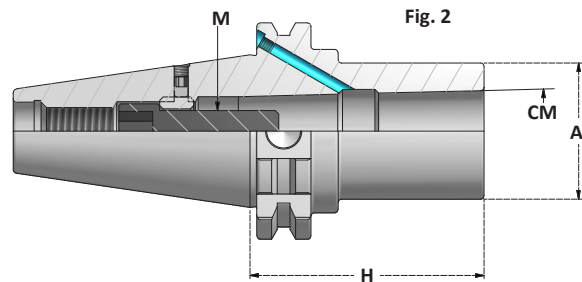
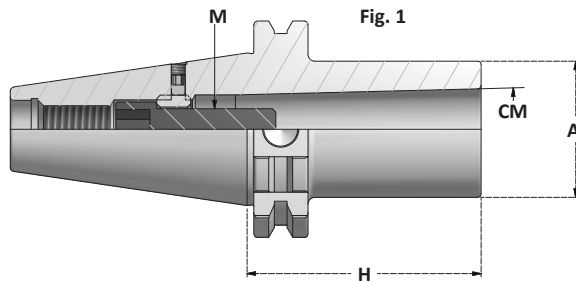
**PER UTENSILI DIN228B  
CON TENONE**  
*FOR TOOLS DIN228B  
WITH TANG*



**ACCESSORI - ACCESSORIES**



**MANDRINI DI RIDUZIONE CONO MORSE PER FRESE**  
*MORSE TAPER ADAPTERS FOR THREADED MILLS*



	Articolo	CM	H	A	M	Fig
	TC30.H50.CM1FV	CM1	50	25	M6	1
	TC30.H60.CM2FV	CM2	60	32	M10	1
	TC30.H85.CM3FV	CM3	85	40	M12	1

	Articolo	CM	H	A	M	Fig
	TC40.H50.CM1FV	CM1	50	25	M6	1
	TC40.H50.CM2FV	CM2	50	32	M10	1
	TC40.H70.CM3FV	CM3	70	40	M12	1
TC40.H95.CM4FV	CM4	95	48	M16	1	

	Articolo	CM	H	A	M	Fig
	TC50.H45.CM1FV	CM1	45	25	M6	1
	TC50.H60.CM2FV	CM2	60	32	M10	1
	TC50.H100.CM2FV	CM2	100	32	M10	1
	TC50.H65.CM3FV	CM3	65	40	M12	1
	TC50.H120.CM3FV	CM3	120	40	M12	1
	TC50.H95.CM4FV	CM4	95	48	M16	1
	TC50.H170.CM4FV	CM4	170	48	M16	1
TC50.H120.CM5FV	CM5	120	63	M20	1	

	Articolo	CM	H	A	M	Fig
	TCB40.H50.CM2FV	CM2	50	32	M10	2
	TCB40.H70.CM3FV	CM3	70	40	M12	2
TCB40.H95.CM4FV	CM4	95	48	M16	2	

	Articolo	CM	H	A	M	Fig
	TCB50.H60.CM2FV	CM2	60	32	M10	2
	TCB50.H65.CM3FV	CM3	65	40	M12	2
	TCB50.H95.CM4FV	CM4	95	48	M16	2
TCB50.H120.CM5FV	CM5	120	63	M20	2	

**PER UTENSILI DIN228A  
CON FILETTO**  
*FOR TOOLS DIN228A  
WITH THREAD*

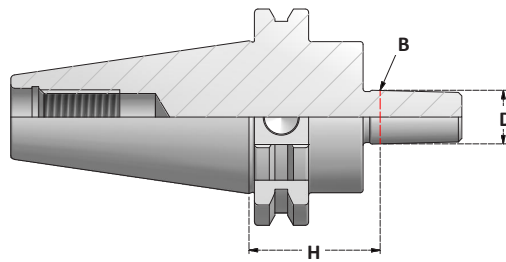
**FORNITI CON VITE SENZA FORO  
PER IL PASSAGGIO DEL  
REFRIGERANTE**  
*SUPPLIED WITH SCREW WITHOUT  
COOLANT THROUGH*

**ACCESSORI - ACCESSORIES**

<p><b>P. 327</b> PINZE COLLETS</p>	<p><b>P. 382</b> SUPPORTI DI MONTAGGIO ASSEMBLY DEVICES</p>	<p><b>P. 230</b> TIRANTI PULL STUDS</p>
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**ATTACCHI PER MANDRINI AUTOSERRANTI**

*DRILL CHUCKS ARBORS*



Articolo	B	D	H
<b>TC30.H25.B12</b>	B12	12,065	25
<b>TC30.H25.B16</b>	B16	15,733	25

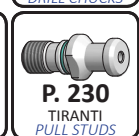


Articolo	B	D	H
<b>TC40.H40.B12</b>	B12	12,065	40
<b>TC40.H40.B16</b>	B16	15,733	40
<b>TC40.H40.B18</b>	B18	17,78	40

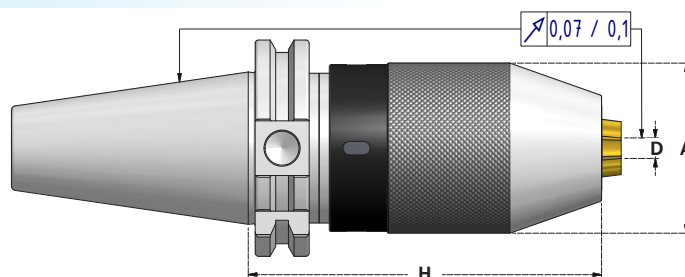


Articolo	B	D	H
<b>TC50.H40.B16</b>	B16	15,733	40
<b>TC50.H40.B18</b>	B18	17,78	40

ACCESSORI - ACCESSORIES



**MANDRINI PORTAPUNTA AUTOSERRANTI - ROTAZIONE DESTRA**  
*DRILL CHUCKS - RIGHT ROTATION*



Articolo	D	H	A	Chiave Wrench
<b>TC30.H80.DCK8S</b>	0,5 - 8	80	37,5	CH.DC8
<b>TC30.H100.DCK13S</b>	1 - 13	100	50,5	CH.DC13

**GRIFFE RIVESTITE  
IN TITANIO**

**TITANIUM  
COATED JAWS**

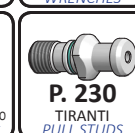
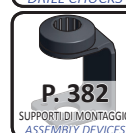


Articolo	D	H	A	Chiave Wrench
<b>TC40.H79.DCK8S</b>	0,5 - 8	79	37,5	CH.DC8
<b>TC40.H100.DCK13S</b>	1 - 13	100	50,5	CH.DC13
<b>TC40.H115.DCK16S</b>	2,5 - 16	115	57	CH.DC16

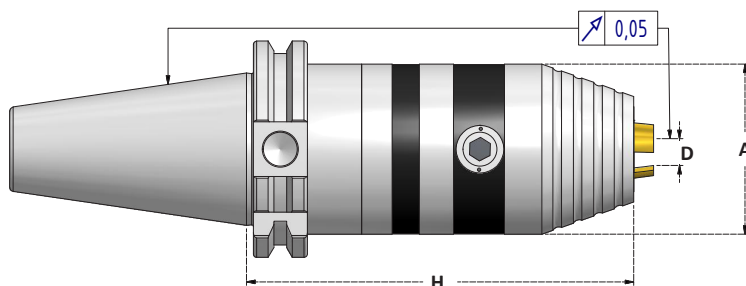


Articolo	D	H	A	Chiave Wrench
<b>TC50.H88.DCK13S</b>	1 - 13	88	50,5	CH.DC13
<b>TC50.H90.DCK16S</b>	2,5 - 16	90	57	CH.DC16

**ACCESSORI - ACCESSORIES**



**MANDRINI PORTAPUNTA AUTOSERRANTI - ROTAZIONE DESTRA E SINISTRA**  
*DRILL CHUCKS - RIGHT AND LEFT ROTATION*



Articolo	D	H	A	Chiave Wrench
<b>TC40.H89.CP8S</b>	0,5 - 8	89	37,5	CH.CP8
<b>TC40.H115.CP13S</b>	1 - 13	115	50,5	CH.CP13-16
<b>TC40.H120.CP16S</b>	2,5 - 16	120	57	CH.CP13-16

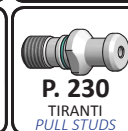


Articolo	D	H	A	Chiave Wrench
<b>TC50.H103.CP13S</b>	1 - 13	103	50,5	CH.CP13-16
<b>TC50.H108.CP16S</b>	2,5 - 16	108	57	CH.CP13-16

**GRIFFE RIVESTITE  
IN TITANIO**

**TITANIUM  
COATED JAWS**

**ACCESSORI - ACCESSORIES**



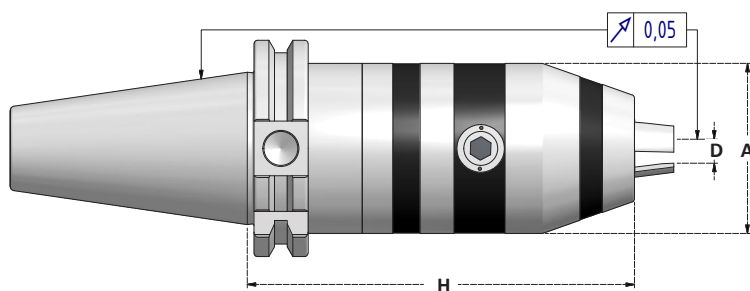
DIN ISO 7388 (DIN69871)

TC

HD

**MANDRINI PORTAPUNTA AUTOSERRANTI CON PASSAGGIO DEL REFRIGERANTE  
ROTAZIONE DESTRA E SINISTRA**

*DRILL CHUCKS WITH COOLANT THROUGH - RIGHT AND LEFT ROTATION*

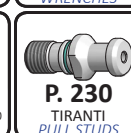
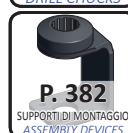
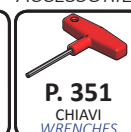


Articolo	D	H	A	Chiave Wrench
<b>TC40.H70.HD8</b>	0,5- 8	70	36	CH.HD8
<b>TC40.H90.HD13</b>	1-13	90	50	CH.HD13-16
<b>TC40.H95.HD16</b>	2,5-16	95	50	CH.HD13-16



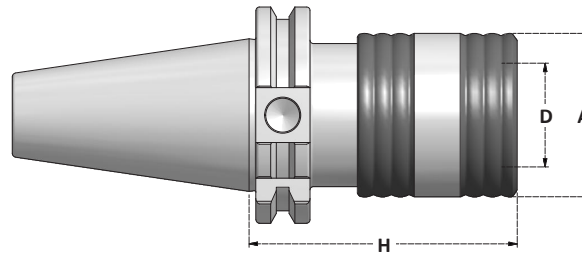
Articolo	D	H	A	Chiave Wrench
<b>TC50.H90.HD13</b>	1-13	90	50	CH.HD13-16
<b>TC50.H95.HD16</b>	2,5-16	95	50	CH.HD13-16

**ACCESSORI - ACCESSORIES**



**MASCHIATORI A CAMBIO RAPIDO PER MASCHIATURA RIGIDA**

*QUICK CHANGE TAPPING CHUCKS FOR RIGID TAPPING*

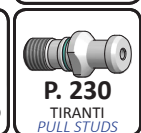


Articolo	Bussola Adapter	D	Tapping Range	A	H
<b>TC30.MCR1R</b>	B1 / BF1	19	M3÷M12	32	60
<b>TC30.MCR2R</b>	B2 / BF2	31	M6÷M20	54	82

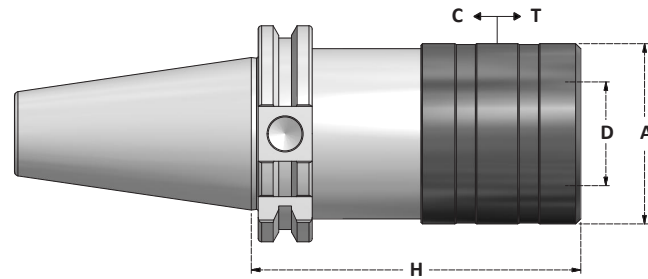


Articolo	Bussola Adapter	D	Tapping Range	A	H
<b>TC40.MCR1R</b>	B1 / BF1	19	M3÷M12	32	62
<b>TC40.MCR2R</b>	B2 / BF2	31	M6÷M20	54	90

**ACCESSORI - ACCESSORIES**





**MASCHIATORI A CAMBIO RAPIDO  
CON COMPENSAZIONE ASSIALE A TRAZIONE E COMPRESIONE**
*QUICK CHANGE TAPPING CHUCKS WITH AXIAL COMPENSATION*


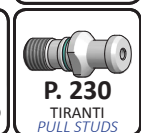
Articolo	Bussola Adapter	D	Tapping Range	A	H	T	C
<b>TC40.MCR1TC</b>	B1 / BF1	19	M3÷M12	36	60	7,5	7,5
<b>TC40.MCR2TC</b>	B2 / BF2	31	M6÷M20	53	98	12,5	12,5
<b>TC40.MCR3TC</b>	B3 / BF3	48	M14÷M33	78	150	20	20
<b>TC40.MCR4TC</b>	B4 / BF4	60	M22÷M48	96	165	22,5	22,5

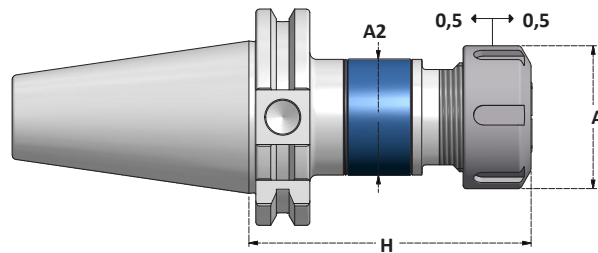


Articolo	Bussola Adapter	D	Tapping Range	A	H	T	C
<b>TC50.MCR1TC</b>	B1 / BF1	19	M3÷M12	36	60	7,5	7,5
<b>TC50.MCR2TC</b>	B2 / BF2	31	M6÷M20	53	98	12,5	12,5
<b>TC50.MCR3TC</b>	B3 / BF3	48	M14÷M33	78	150	20	20
<b>TC50.MCR4TC</b>	B4 / BF4	60	M22÷M48	96	165	22,5	22,5

**ACCESSORI - ACCESSORIES**

**P. 371**  
PINZE  
COLLETS

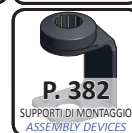
**P. 382**  
SUPPORTI DI MONTAGGIO  
ASSEMBLY DEVICES

**P. 230**  
TIRANTI  
PULL STUDS

**MANDRINI PER MASCHIATURA SINCRONIZZATA**
*TAPPING CHUCKS FOR SYNCHRONIZED TAPPING*


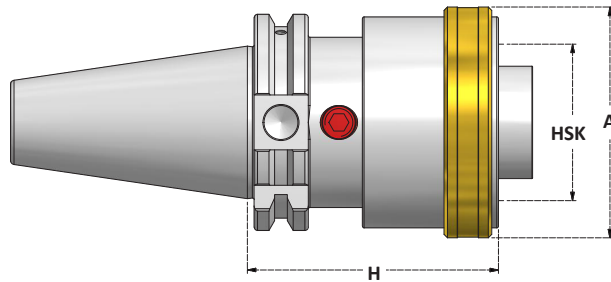
Articolo	H	A	A2	Collets Range	Tapping Range	Ghiera Nut
<b>TCB40.ERC16MSY</b>	79	22	34	3,5 ÷ 10	M3 ÷ M12	G16M



Articolo	H	A	A2	Collets Range	Tapping Range	Ghiera Nut
<b>TCB40.ERC16SY</b>	79	32	34	3,5 ÷ 10	M3 ÷ M12	G16S
<b>TCB40.ERC20SY</b>	80	35	34	3,5 ÷ 12	M3 ÷ M16	G20S
<b>TCB40.ERC25SY</b>	84	42	45	3,5 ÷ 16	M3 ÷ M20	G25S
<b>TCB40.ERC32SY</b>	95	50	45	3,5 ÷ 20	M3 ÷ M27	G32S
<b>TCB40.ERC40SY</b>	120	63	62	6 ÷ 25	M5 ÷ M33	G40S

**ACCESSORI - ACCESSORIES**


**ADATTATORI HSK FORMA A/C**  
*ADAPTERS HSK FORM A/C*

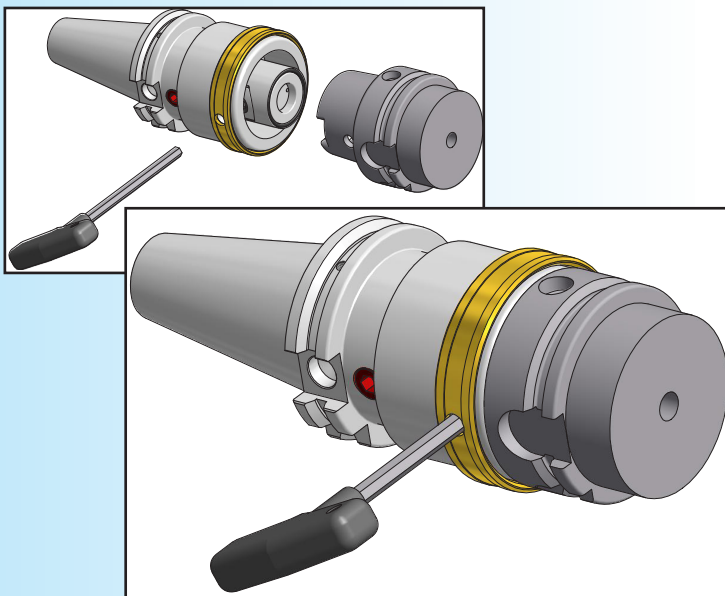
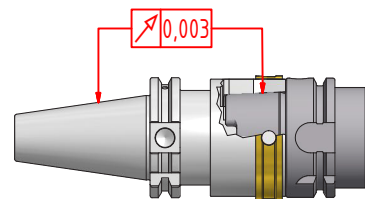


Articolo	H	A	HSK A/C
<b>TCB40.H65.HSK50AC</b>	65	55	50
<b>TCB40.H75.HSK63AC</b>	75	70	63



Articolo	H	A	HSK A/C
<b>TCB50.H65.HSK50AC</b>	65	55	50
<b>TCB50.H75.HSK63AC</b>	75	70	63
<b>TCB50.H100.HSK100AC</b>	100	110	100

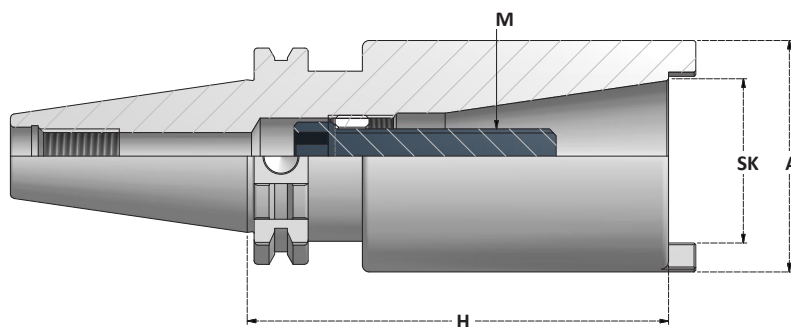
**ALTRI A RICHIESTA**  
*OTHERS ON REQUEST*



**ACCESSORI - ACCESSORIES**



**MANDRINI DI RIDUZIONE TC-BT-ISO**  
*TC-BT-ISO REDUCTION SLEEVES*



Articolo	H	A	M	SK
<b>TC40.H60.TB30</b>	50	50	M12	TC30 / BT30
<b>TC40.H95.TB40</b>	125	70	M16	TC40 / BT40



Articolo	H	A	M	SK
<b>TC40.H60.ISO30</b>	50	50	M12	ISO30
<b>TC40.H95.ISO40</b>	125	70	M16	ISO40



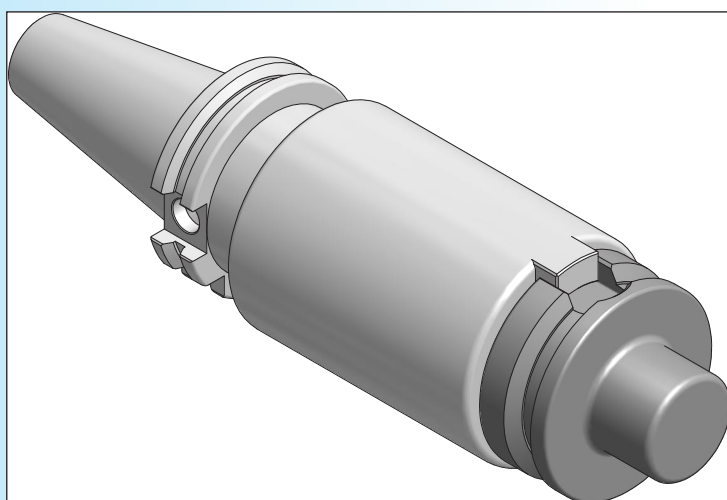
Articolo	H	A	M	SK
<b>TC50.H70.TB40</b>	70	70	M16	TC40 / BT40
<b>TC50.H120.TB50</b>	120	90	M24	TC50 / BT50



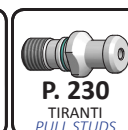
Articolo	H	A	M	SK
<b>TC50.H70.ISO40</b>	70	70	M16	ISO40
<b>TC50.H120.ISO50</b>	120	90	M24	ISO50

**FORNITI CON VITE SENZA FORO  
PER IL PASSAGGIO DEL  
REFRIGERANTE**

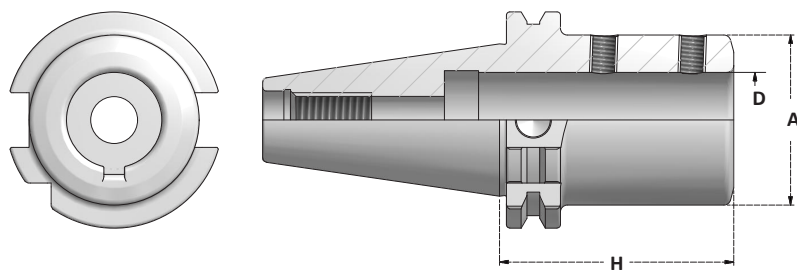
*SUPPLIED WITH SCREW WITHOUT  
COOLANT THROUGH*



**ACCESSORI - ACCESSORIES**



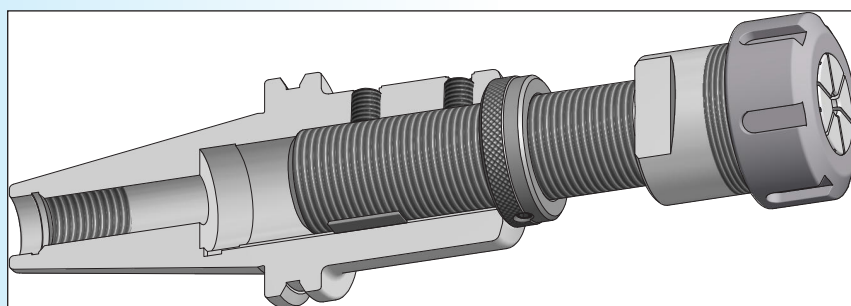
**MANDRINI PORTA INSERZIONI REGISTRABILI DIN 6327**  
*HOLDERS FOR ADJUSTABLE ADAPTERS DIN 6327*



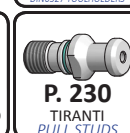
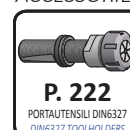
Articolo	D	H	A
<b>TC40.H75.TR16</b>	16	75	25
<b>TC40.H80.TR20</b>	20	80	32
<b>TC40.H100.TR28</b>	28	100	40
<b>TC40.H115.TR36</b>	36	115	50



Articolo	D	H	A
<b>TC50.H85.TR16</b>	16	85	25
<b>TC50.H85.TR20</b>	20	85	32
<b>TC50.H100.TR28</b>	28	100	40
<b>TC50.H100.TR36</b>	36	100	50
<b>TC50.H105.TR48</b>	48	105	67

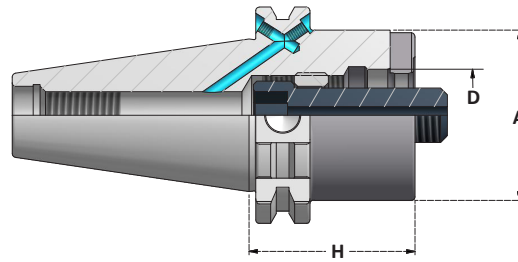


**ACCESSORI - ACCESSORIES**



**MANDRINI MODULARI TIPO VARILOCK**

MODULAR TOOLHOLDERS VARILOCK TYPE



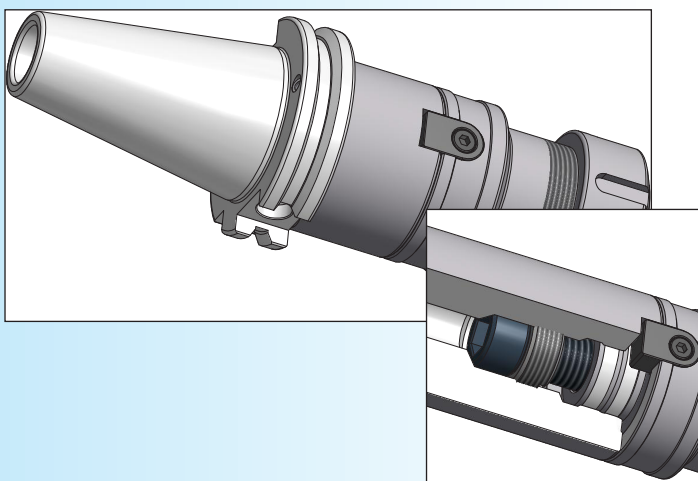
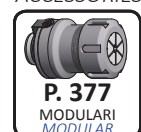
Articolo	A	H	D	Attacco
<b>TCB40.H27.MD50</b>	50	27	27,3 / 27	MD50
<b>TCB40.H50.MD50</b>	50	50	27,3 / 27	MD50
<b>TCB40.H50.MD63</b>	63	50	32,3 / 32	MD63

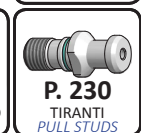


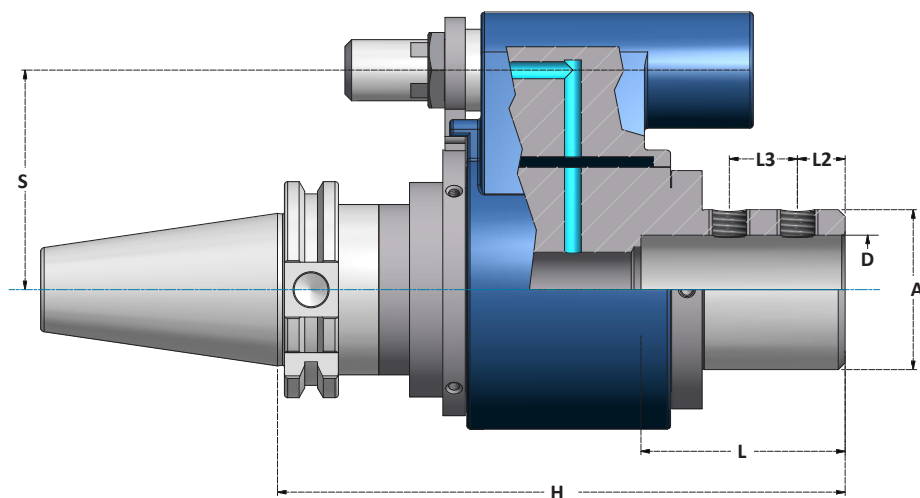
Articolo	A	H	D	Attacco
<b>TC40.H27.MD63</b>	63	27	32,3 / 32	MD63



Articolo	A	H	D	Attacco
<b>TCB50.H27.MD50</b>	50	27	27,3 / 27	MD50
<b>TCB50.H50.MD50</b>	50	50	27,3 / 27	MD50
<b>TCB50.H27.MD63</b>	63	27	32,3 / 32	MD63
<b>TCB50.H50.MD63</b>	63	50	32,3 / 32	MD63
<b>TCB50.H27.MD80</b>	80	27	32,3 / 32	MD80
<b>TCB50.H50.MD80</b>	80	50	32,3 / 32	MD80

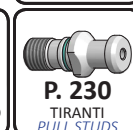

**ACCESSORI - ACCESSORIES**

**P. 377**  
MODULARI  
MODULAR

**P. 382**  
SUPPORTI DI MONTAGGIO  
ASSEMBLY DEVICES

**P. 230**  
TIRANTI  
PULL STUDS

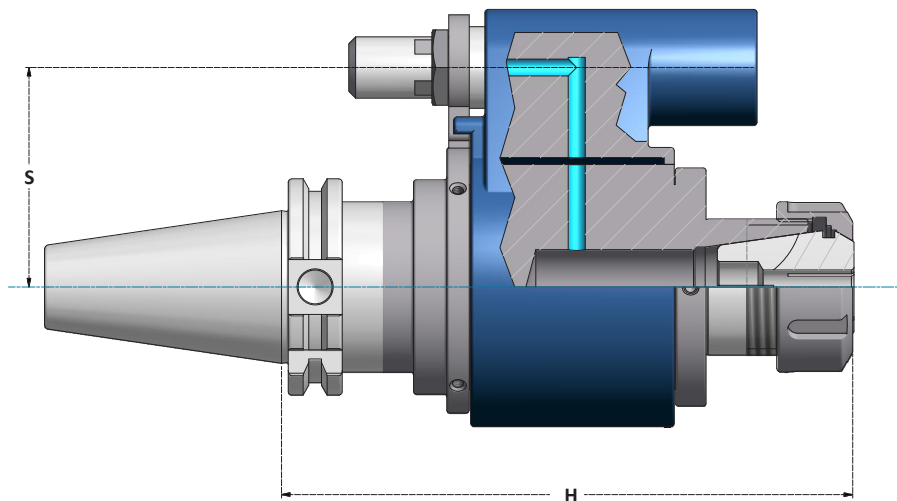
**DISTRIBUTORI ROTANTI DEL REFRIGERANTE PER ATTACCHI CILINDRICI**  
*SIDE LOCK OIL HOLE HOLDERS*


Articolo	D	H	A	L	S	L2	L3
<b>TC40.D16DR</b>	16	165	46,5	48	65	25	/
<b>TC40.D20DR</b>	20	165	46,5	50	65	25	/
<b>TC40.D25DR</b>	25	165	46,5	56	65	15	20
<b>TC40.D32DR</b>	32	165	47	60	65	15	20

Articolo	D	H	A	L	S	L2	L3
<b>TC50.D16DR</b>	16	165	56	48	80	25	/
<b>TC50.D20DR</b>	20	165	56	50	80	25	/
<b>TC50.D25DR</b>	25	165	56	56	80	15	20
<b>TC50.D32DR</b>	32	170	56	60	80	15	20
<b>TC50.D40DR</b>	40	170	56	62	80	15	25

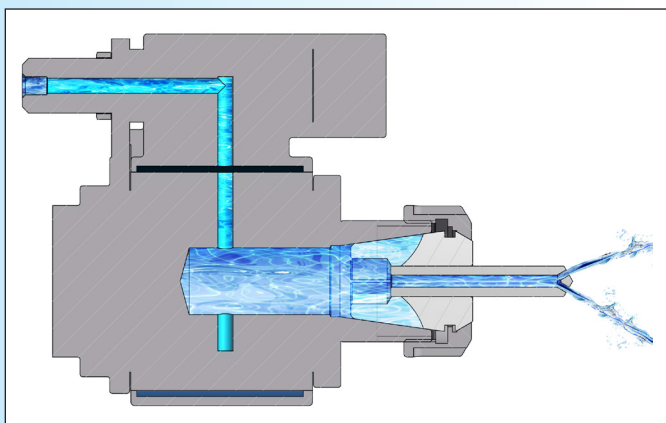
**ACCESSORI - ACCESSORIES**


**DISTRIBUTORI ROTANTI DEL REFRIGERANTE PORTAPINZA ER**  
*ER OIL HOLE HOLDERS COLLET CHUCKS*

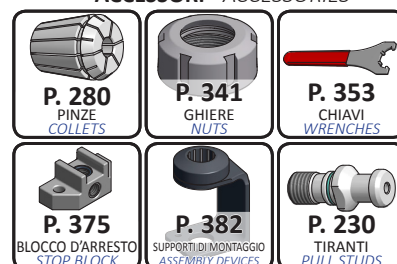


Articolo	H	S	Collets Range	Ghiera Nut
<b>TC40.ERC16DR</b>	160	65	1÷10	G16SE
<b>TC40.ERC20DR</b>	160	65	1÷14	G20SE
<b>TC40.ERC25DR</b>	160	65	1÷20	G25S
<b>TC40.ERC32DR</b>	160	65	2÷22	G32S

Articolo	H	S	Collets Range	Ghiera Nut
<b>TC50.ERC16DR</b>	160	80	1÷10	G16SE
<b>TC50.ERC20DR</b>	160	80	1÷14	G20SE
<b>TC50.ERC25DR</b>	160	80	1÷20	G25S
<b>TC50.ERC32DR</b>	160	80	2÷22	G32S
<b>TC50.ERC40DR</b>	160	80	3÷30	G40S



**ACCESSORI - ACCESSORIES**





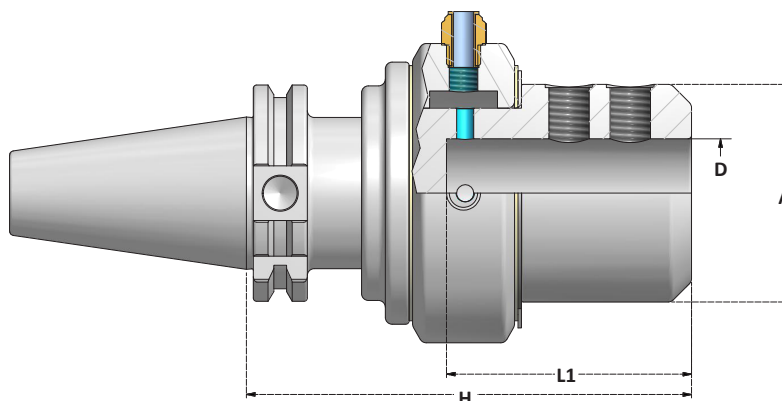
**DIN ISO 7388 (DIN69871)**

TC

DRM

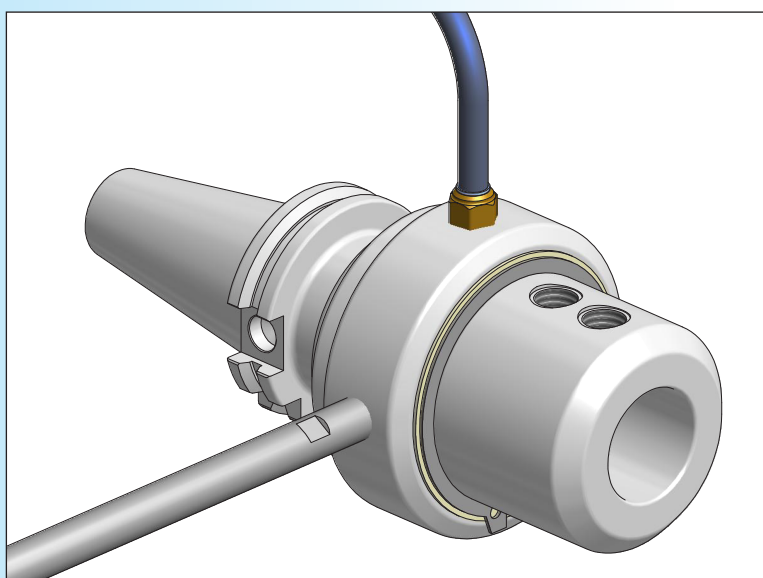
**DISTRIBUTORI ROTANTI DEL REFRIGERANTE A CAMBIO MANUALE  
PER ATTACCHI CILINDRICI**

*MANUAL SIDE LOCK OIL HOLE HOLDERS*

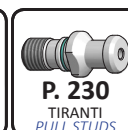
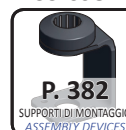


Articolo	D	H	A	L1
<b>TC40.DRM32</b>	32	125	64,5	72

Articolo	D	H	A	L1
<b>TC50.DRM40</b>	40	145	64,5	82

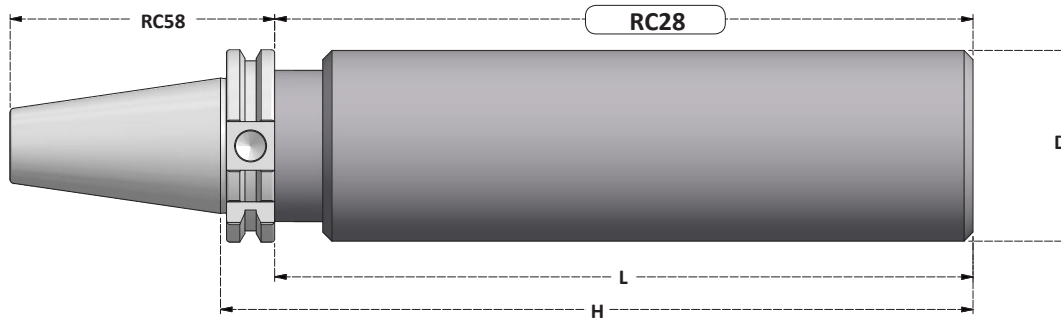


**ACCESSORI - ACCESSORIES**



**MANDRINI CON STELO LAVORABILE**

*BLANK ARBORS*

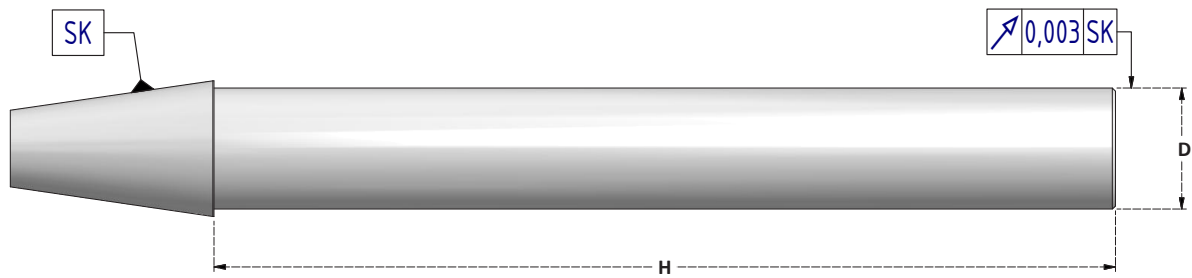


Articolo	D	H	L
<b>TC40.H250.D40BL</b>	40	250	230
<b>TC40.H250.D63BL</b>	63	250	230
<b>TC40.H270.D80BL</b>	80	270	250

Articolo	D	H	L
<b>TC50.H330.D50BL</b>	50	330	310
<b>TC50.H315.D63BL</b>	63	315	295
<b>TC50.H330.D80BL</b>	80	330	310
<b>TC50.H315.D97BL</b>	97	315	295

**MANDRINI DI COLLAUDO**

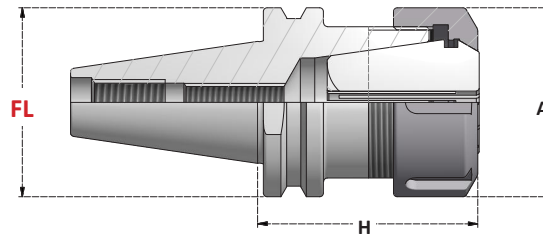
*TEST ARBORS*



Articolo	D	H
<b>TC30.H200.CK32</b>	32	200
<b>TC40.H300.CK40</b>	40	300
<b>TC50.H300.CK50</b>	50	300

**FORNITI CON BOX  
E CERTIFICATO DI COLLAUDO**

*SUPPLIED IN BOX  
AND WITH TESTING REPORT*

**MANDRINI PORTAPINZA ER SENZA TACCHE DI TRASCINAMENTO - FL50**
*ER COLLET CHUCKS WITHOUT DRIVING SLOTS - FL50*


UTILIZZATI SULLE MACCHINE  
PER LA LAVORAZIONE  
DEL LEGNO E DELL'ALLUMINIO

*SUITABLE FOR WOOD AND  
ALUWORKING MACHINES*

**ROTAZIONE DESTRA**  
*RIGHT HAND ROTATION*

G6,3 24000.r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
	WD30.H50.ERC32RH	50	50	50	2÷22	G32WD
	WD30.H67.ERC32RH	50	67	50	2÷22	G32WD
	WD30.H57.ERC40RH	50	57	63	3÷30	G40WD
	WD30.H65.ERC40RH	50	65	63	3÷30	G40WD

**ROTAZIONE SINISTRA**  
*LEFT HAND ROTATION*

G6,3 24000.r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
	WD30.H50.ERC32LH	50	50	50	2÷22	G32WDL
	WD30.H67.ERC32LH	50	67	50	2÷22	G32WDL
	WD30.H57.ERC40LH	50	57	63	3÷30	G40WDL
	WD30.H65.ERC40LH	50	65	63	3÷30	G40WDL

**MANDRINI PORTAPINZA ER SENZA TACCHE DI TRASCINAMENTO - FL46**
*ER COLLET CHUCKS WITHOUT DRIVING SLOTS - FL46*
**ROTAZIONE DESTRA**  
*RIGHT HAND ROTATION*

G6,3 24000.r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
	WD30C.H60.ERC32RH	46	60	50	2÷22	G32WD
	WD30C.H65.ERC40RH	46	65	63	3÷30	G40WD

**ROTAZIONE SINISTRA**  
*LEFT HAND ROTATION*

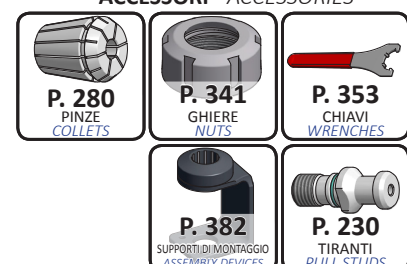
G6,3 24000.r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
	WD30C.H60.ERC32LH	46	60	50	2÷22	G32WDL
	WD30C.H65.ERC40LH	46	65	63	3÷30	G40WDL

**MANDRINI PORTAPINZA ER SENZA TACCHE DI TRASCINAMENTO - FL58**
*ER COLLET CHUCKS WITHOUT DRIVING SLOTS - FL58*
**ROTAZIONE DESTRA**  
*RIGHT HAND ROTATION*

G6,3 24000.r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
	WD30U.H50.ERC32RH	58	50	50	2÷22	G32WD

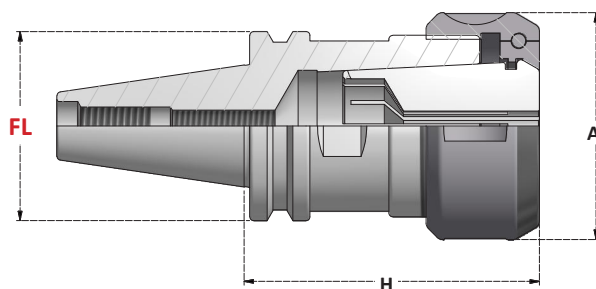
**ROTAZIONE SINISTRA**  
*LEFT HAND ROTATION*

G6,3 24000.r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
	WD30U.H50.ERC32LH	58	50	50	2÷22	G32WDL

**ACCESSORI - ACCESSORIES**


**MANDRINI PORTAPINZA EOC SENZA TACCHE DI TRASCINAMENTO - FL50**

*EOC COLLET CHUCKS WITHOUT DRIVING SLOTS - FL50*



**UTILIZZATI SULLE MACCHINE  
PER LA LAVORAZIONE  
DEL LEGNO E DELL'ALLUMINIO**

*SUITABLE FOR WOOD AND  
ALUWORKING MACHINES*

**ROTAZIONE DESTRA  
RIGHT HAND ROTATION**

G6,3 24000 r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
		<b>WD30.H80.EOC25RH</b>	50	80	60	2÷25

**ROTAZIONE SINISTRA  
LEFT HAND ROTATION**

G6,3 24000 r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
		<b>WD30.H80.EOC25LH</b>	50	80	60	2÷25

**MANDRINI PORTAPINZA EOC SENZA TACCHE DI TRASCINAMENTO - FL46**

*EOC COLLET CHUCKS WITHOUT DRIVING SLOTS - FL46*

**ROTAZIONE DESTRA  
RIGHT HAND ROTATION**

G6,3 24000 r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
		<b>WD30C.H80.EOC25RH</b>	46	80	60	2÷25

**ROTAZIONE SINISTRA  
LEFT HAND ROTATION**

G6,3 24000 r.p.m.	Articolo	FL	H	A	Collets Range	Ghiera Nut
		<b>WD30C.H80.EOC25LH</b>	46	80	60	2÷25

**ACCESSORI - ACCESSORIES**

