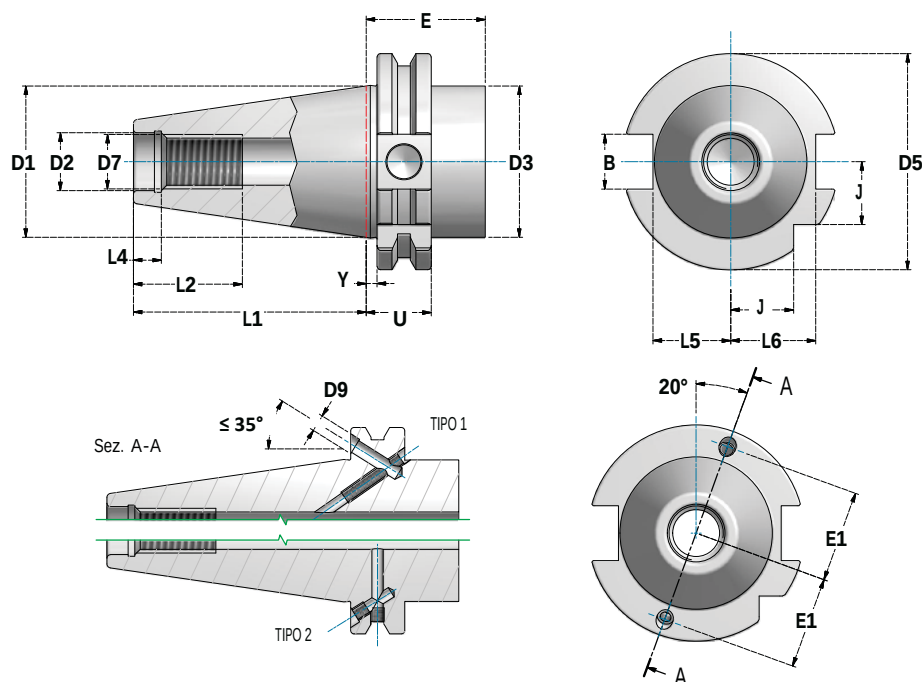


DIN ISO 7388 (DIN69871) - TC

MANDRINI TC
TC TOOLHOLDERS



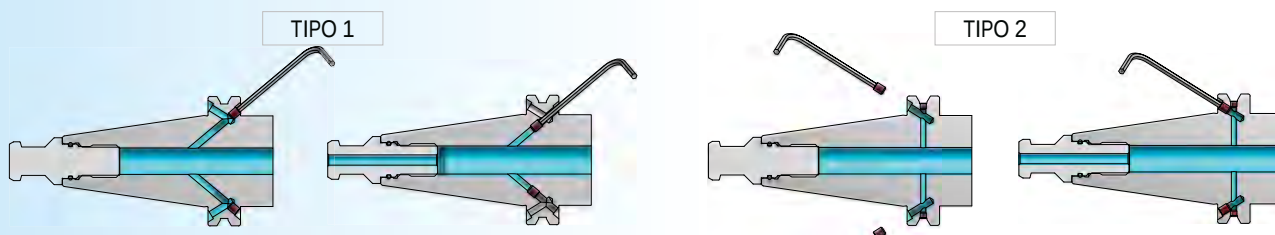
FORM
AD+B

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
30	16,1	31,75	13	45	50	M12	-	35	-	15	47,8	24	5,5	16,3	18,8	3,2	19,1
40	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
50	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).

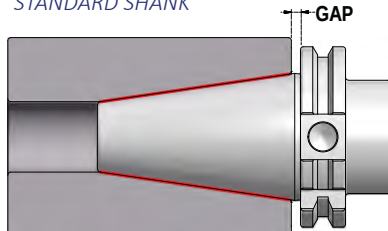


DIN ISO 7388 (DIN69871) - TC

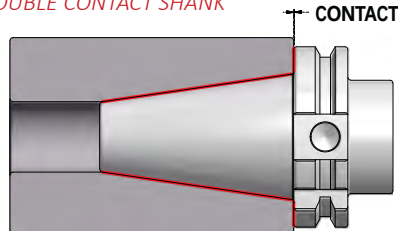
SISTEMA A **DOPPIO CONTATTO** CONO+FLANGIA *DOUBLE CONTACT TAPER+FLANGE SYSTEM*



CONO STANDARD
STANDARD SHANK



CONO A DOPPIO CONTATTO
DOUBLE CONTACT SHANK



VANTAGGI

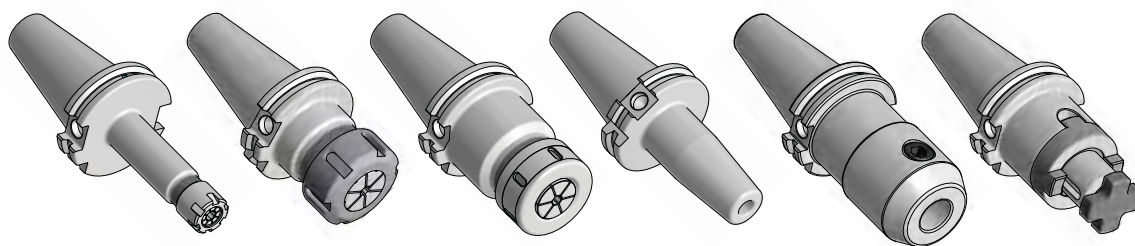
- Maggiore stabilità tra portautensile e naso macchina.
- Vibrazioni ridotte per una maggiore precisione durante i lavori ad alta velocità o i lavori gravosi.
- Ridotta usura dell'utensile.

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...).*

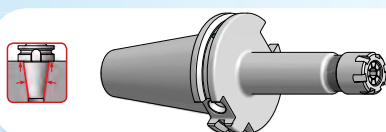


Esempio di codice in base alle caratteristiche del cono.

Example of code based on the features of taper.

DOPPIO CONTATTO <i>DOUBLE CONTACT</i> D	TIPO DI CONO <i>TAPER TYPE</i> TC	CANALINI LATERALI <i>SIDE CHANNELS</i> B	GRANDEZZA CONO <i>TAPER SIZE</i> 40		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>	

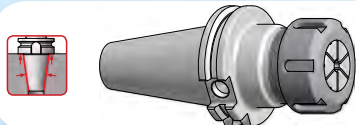
DIN ISO 7388 (DIN69871) - TC



MANDRINI PORTAPINZA ER - GHIERE MINI
COLLET CHUCKS ER - MINI NUTS

DIN ISO 15488 (DIN6499)

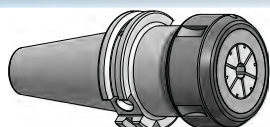
PAG. 49



MANDRINI PORTAPINZA ER - GHIERE STANDARD
COLLET CHUCKS ER - STANDARD NUTS

DIN ISO 15488 (DIN6499)

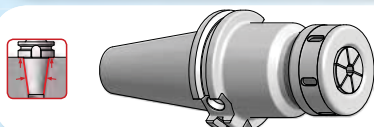
PAG. 52



MANDRINI PORTAPINZA EOC
COLLET CHUCKS EOC

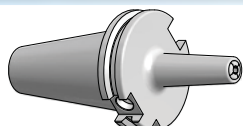
DIN ISO 10897 (DIN6388)

PAG. 59



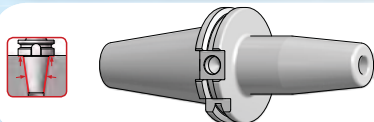
MANDRINI PORTAPINZA SKS
COLLET CHUCKS SKS

PAG. 60



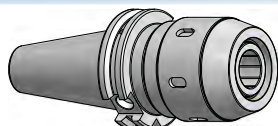
MANDRINI PORTAPINZA P8
COLLET CHUCKS P8

PAG. 61



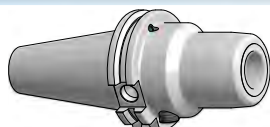
MANDRINI A CALETTAMENTO A CALDO
SHRINK FIT CHUCKS

PAG. 62



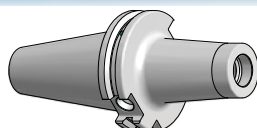
MANDRINI A FORTE SERRAGGIO
POWER MILLING CHUCKS

PAG. 66



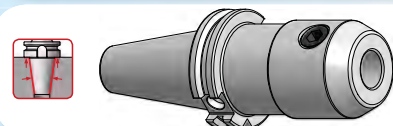
MANDRINI A SERRAGGIO IDRAULICO
HYDRAULIC CHUCKS

PAG. 67



MANDRINI PORTAFRESA CON ATTACCO FILETTATO
SCREW IN MILL CHUCKS

PAG. 69



MANDRINI PORTAFRESA WELDON
END MILL HOLDERS WELDON

DIN 1835-2

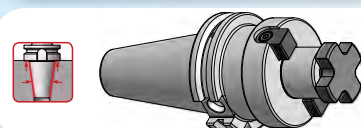
PAG. 70



MANDRINI PORTAFRESA COMBI
COMBI SHELL MILL HOLDERS

DIN 6358

PAG. 80

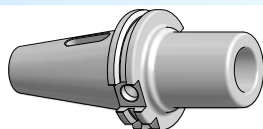


MANDRINI PORTAFRESA FISSI
SHELL MILL HOLDERS

DIN 6357

PAG. 82

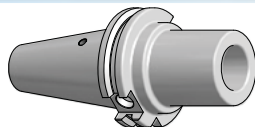
DIN ISO 7388 (DIN69871) - TC



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

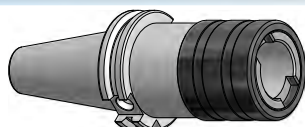
DIN 6364

PAG. 87



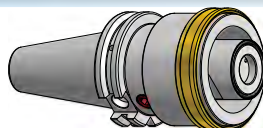
MANDRINI DA TRAPANO
DRILL CHUCKS

PAG. 88



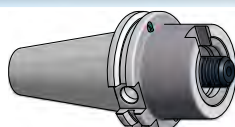
PORTAMASCHI
TAPPING CHUCKS

PAG. 92



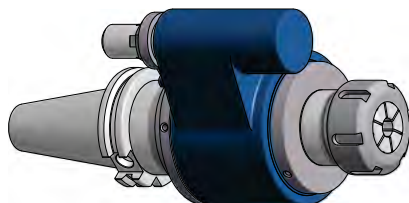
RIDUZIONI
ADAPTERS

PAG. 95



MANDRINI MODULARI TIPO VARILOCK
MODULAR TOOLHOLDERS VARILOCK TYPE

PAG. 98



DISTRIBUTORI ROTANTI DEL REFRIGERANTE
OIL HOLE HOLDERS

PAG. 99



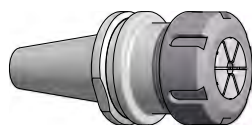
MANDRINI CON STELO LAVORABILE
BLANK ARBORS

PAG. 102



BARRE DI COLLAUDO
TEST ARBORS

PAG. 103



**MANDRINI PER LA LAVORAZIONE
DEL LEGNO E DELL'ALLUMINIO**

*TOOLHOLDERS FOR WOOD AND
ALUWORKING MACHINES*

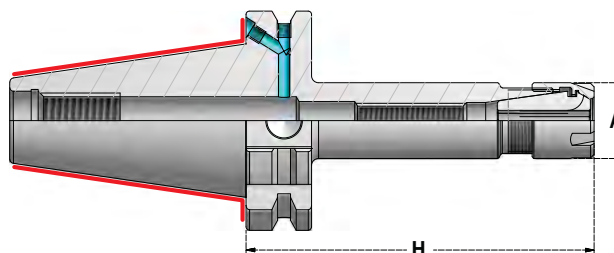
PAG. 104

MANDRINI PORTAPINZA ER A DOPPIO CONTATTO

DOUBLE CONTACT ER COLLET CHUCKS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

M



GHIERE **MINI**
MINI NUTS

ACCESSORI - ACCESSORIES



P. 280
PINZE
COLLETS



P. 340
GHIERE
NUTS



P. 353
CHIAVI
WRENCHES

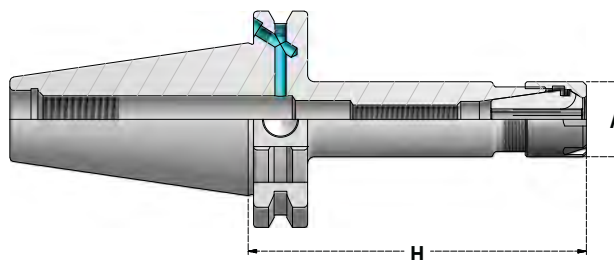


P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



P. 230
TIRANTI
PULL STUDS

MANDRINI PORTAPINZA ER ER COLLET CHUCKS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

M



GHIERE **MINI**
MINI NUTS



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

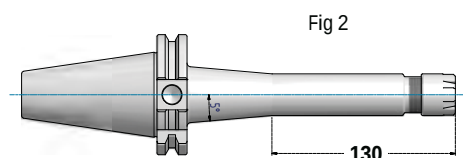


Fig 2



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



P. 280
PINZE
COLLETS



P. 340
GHIERE
NUTS



P. 353
CHIAVI
WRENCHES



P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES

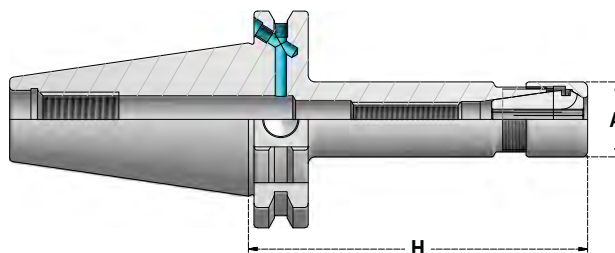


P. 230
TIRANTI
PULL STUDS

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

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G2,5 25000 r.p.m.

AD

Articolo	H	A	Collets Range	Ghiera Nut
TC30.H100.ERC8MNF	100	12	1÷5	G8MNF
TC30.H100.ERC11MNF	100	16	1÷7	G11MNF
TC30.H100.ERC16MNF	100	22	1÷10	G16MNF
TC30.H100.ERC20MNF	100	28	1÷14	G20MNF
TC30.H100.ERC25MNF	100	35	1÷20	G25MNF

MNF



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

G2,5 25000 r.p.m.

AD+B

Articolo	H	A	Collets Range	Ghiera Nut
TCB40.H100.ERC11MNF	100	16	1÷7	G11MNF
TCB40.H130.ERC11MNF	130	16	1÷7	G11MNF
TCB40.H160.ERC11MNF	160	16	1÷7	G11MNF
TCB40.H100.ERC16MNF	100	22	1÷10	G16MNF
TCB40.H130.ERC16MNF	130	22	1÷10	G16MNF
TCB40.H160.ERC16MNF	160	22	1÷10	G16MNF
TCB40.H100.ERC20MNF	100	28	1÷14	G20MNF
TCB40.H130.ERC20MNF	130	28	1÷14	G20MNF
TCB40.H160.ERC20MNF	160	28	1÷14	G20MNF
TCB40.H100.ERC25MNF	100	35	1÷20	G25MNF
TCB40.H130.ERC25MNF	130	35	1÷20	G25MNF
TCB40.H160.ERC25MNF	160	35	1÷20	G25MNF

ALTRI A RICHIESTA
OTHERS ON REQUEST

ACCESSORI - ACCESSORIES

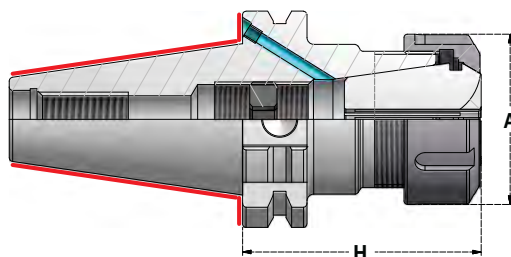


MANDRINI A DOPPIO CONTATTO PORTAPINZA ER

DOUBLE CONTACT ER COLLET CHUCKS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

SE



GHIERE **STANDARD** ESAGONALI
HEXAGONAL **STANDARD** NUTS

S



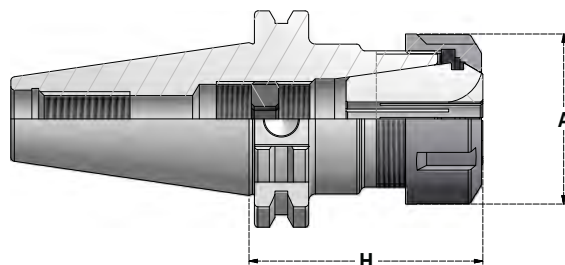
GHIERE **STANDARD** CON TACCHE
STANDARD NUTS WITH SLOTS

ACCESSORI - ACCESSORIES



MANDRINI PORTAPINZA ER

ER COLLET CHUCKS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

SE



GHIERE **STANDARD** ESAGONALI
HEXAGONAL **STANDARD** NUTS

S



GHIERE **STANDARD** CON TACCHE
STANDARD NUTS WITH SLOTS

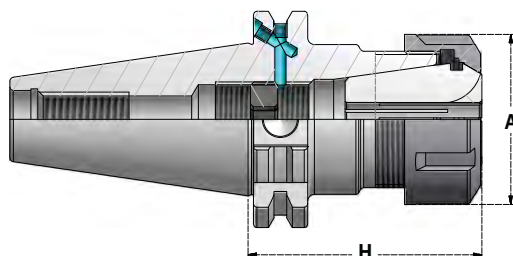
ACCESSORI - ACCESSORIES



MANDRINI PORTAPINZA ER ER COLLET CHUCKS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

SE



GHIERE **STANDARD** ESAGONALI
HEXAGONAL **STANDARD** NUTS

S



GHIERE **STANDARD** CON TACCHE
STANDARD NUTS WITH SLOTS

ACCESSORI - ACCESSORIES



P. 280
PINZE
COLLETS



P. 341
GHIERE
NUTS



P. 353
CHIAVI
WRENCHES

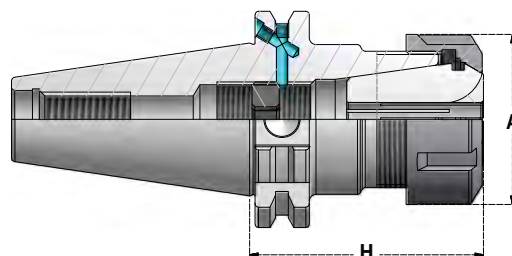


P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



P. 230
TIRANTI
PULL STUDS

MANDRINI PORTAPINZA ER ER COLLET CHUCKS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

SE

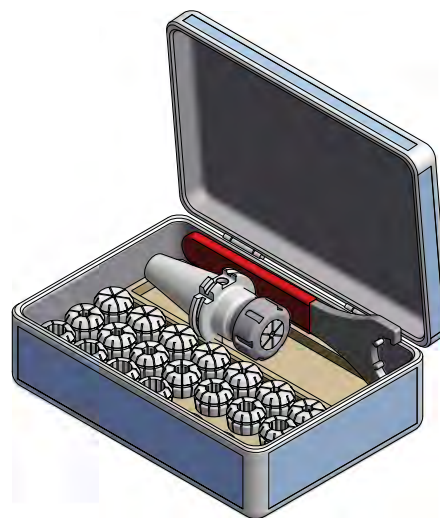


GHIERE **STANDARD** ESAGONALI
HEXAGONAL **STANDARD** NUTS

S



GHIERE **STANDARD** CON TACCHE
STANDARD NUTS WITH SLOTS



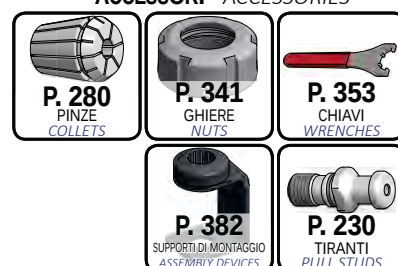
KIT - MANDRINO, CHIAVE E PINZE

KIT - TOOLHOLDER, WRENCH AND COLLETS

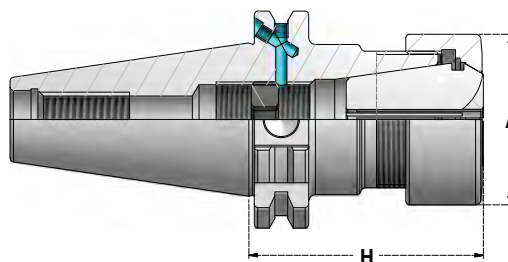
Articolo	Pinze Collets	Mandrino Toolholder	Chiave Wrench
BX.TC30.ERC32	ERC32.D3÷20 x 1,0mm	TC30.H63.ERC32	CH32S
BX.TCB40.ERC32	ERC32.D3÷20 x 1,0mm	TCB40.H70.ERC32	CH32S
BX.TCB50.ERC32	ERC32.D3÷20 x 1,0mm	TCB50.H80.ERC32	CH32S
BX.TC30.ERC40	ERC40.D4÷26 x 1,0mm	TC30.H75.ERC40	CH40S
BX.TCB40.ERC40	ERC40.D4÷26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



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

G2,5 25000 r.p.m. AD	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

NF



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

G2,5 25000 r.p.m. AD+B	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

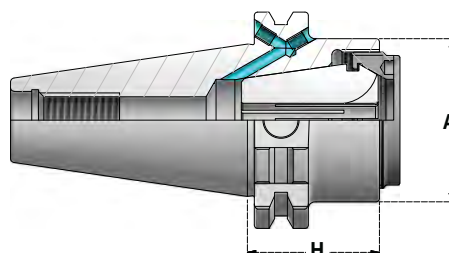
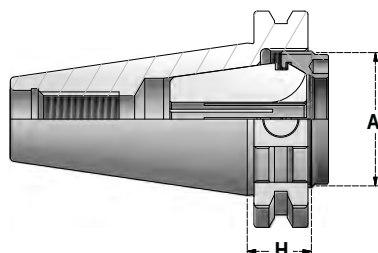


MANDRINI PORTAPINZA ER - EXTRACORTI

ER COLLET CHUCKS - STUB LENGTH

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G6,3 15000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
 AD	TC40.H21.ERC25A	21	32	1÷20	G25A
	TC40.H21.ERC32A	21	40	2÷22	G32A

G6,3 15000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
 AD	TC50.H21.ERC32A	21	40	2÷22	G32A

G6,3 15000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
 AD+B	TCB40.H40.ERC32A	40	50	2÷22	G32A

G6,3 15000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
 AD+B	TCB50.H40.ERC32A	40	50	2÷22	G32A

A



GHIERE CON FILETTATURA **ESTERNA**
NUTS WITH **EXTERNAL** THREAD

ACCESSORI - ACCESSORIES

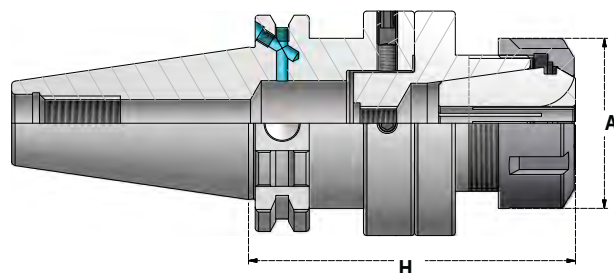


MANDRINI PORTAPINZA ER A CENTRATURA REGOLABILE

RUNOUT ADJUSTABLE ER COLLET CHUCKS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



±0,01mm

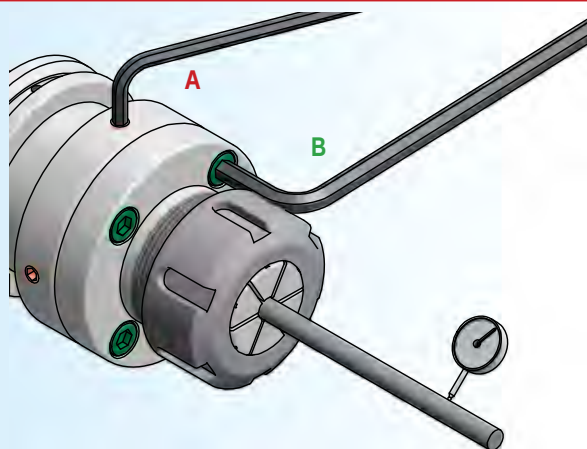


Articolo	H	A	Collets Range	Ghiera Nut
TCB40.H93.ERC16RG	93	28	1÷10	G16SE
TCB40.H95.ERC20RG	95	34	1÷14	G20SE
TCB40.H96.ERC25RG	96	42	1÷20	G25S
TCB40.H97.ERC32RG	97	50	2÷22	G32S
TCB40.H131.ERC40RG	131	63	3÷30	G40S

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



Allentare le viti **B** e regolare la centratura tramite le viti **A**.
Loosen screws **B** and use screws **A** for radial adjustment.

ACCESSORI - ACCESSORIES

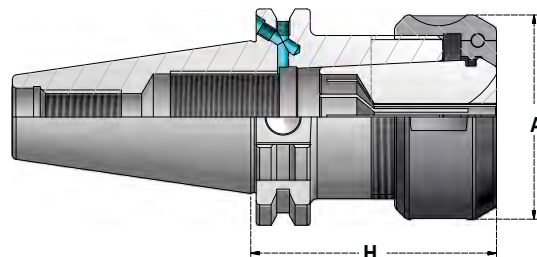


MANDRINI PORTAPINZA EOC

EOC COLLET CHUCKS

DIMENSIONI
DELL'ATTACCO

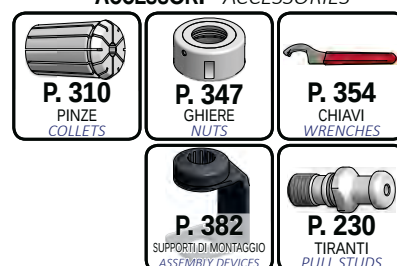
SHANK
DIMENSIONS



	Articolo	H	A	Collets Range	Ghiera Nut
	TCB40.H70.EOC16	70	43	2÷16	G16OCC
	TCB40.H100.EOC16	100	43	2÷16	G16OCC
	TCB40.H70.EOC25	70	60	2÷25	G25OCC
	TCB40.H100.EOC25	100	60	2÷25	G25OCC
	TCB40.H90.EOC32	90	72	3÷32	G32OCC

	Articolo	H	A	Collets Range	Ghiera Nut
	TCB50.H70.EOC16	70	43	2÷16	G16OCC
	TCB50.H70.EOC25	70	60	2÷25	G25OCC
	TCB50.H80.EOC32	80	72	3÷32	G32OCC

ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

TC

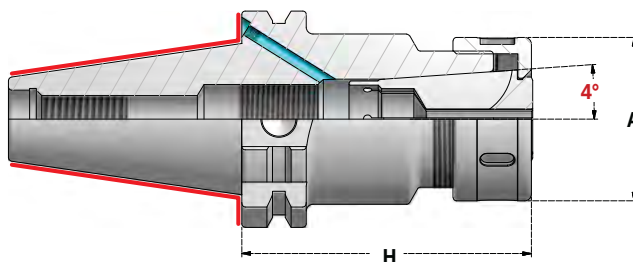
SKS

MANDRINI A DOPPIO CONTATTO PORTAPINZA SKS

DOUBLE CONTACT SKS COLLET CHUCKS

DIMENSIONI
DELL'ATTACCO

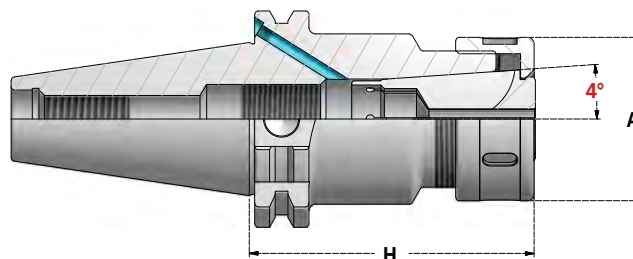
SHANK
DIMENSIONS



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

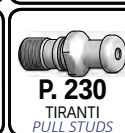
MANDRINI PORTAPINZA SKS

SKS COLLET CHUCKS



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

ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

TC

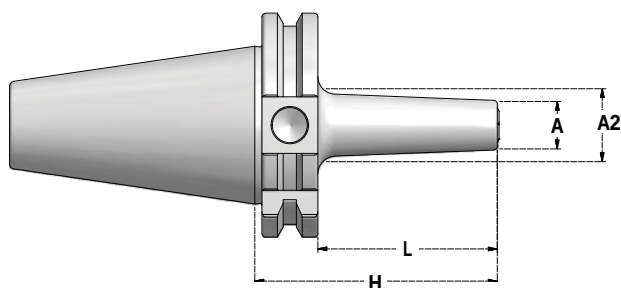
P8

MANDRINI PORTAPINZA P8

P8 SLIM FIT COLLET CHUCKS

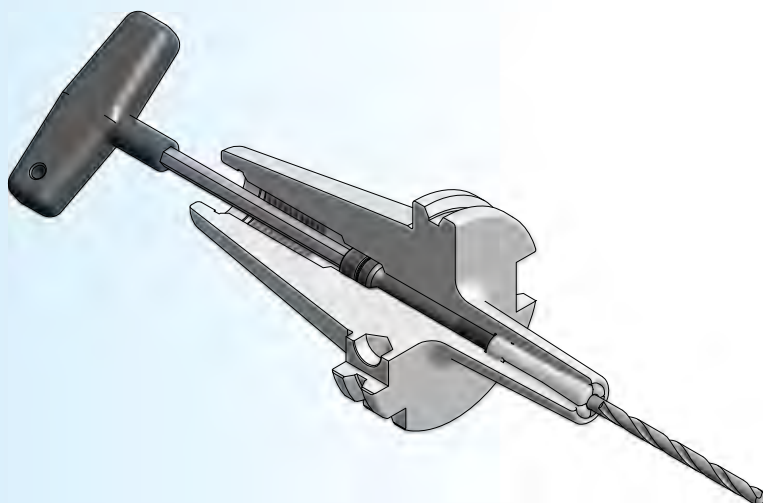
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G2,5 25000 r.p.m.	Articolo	H	L	A	A2	Collets Range
	TC40.H70.P8	70	36	14	17	3÷6
	TC50.H70.P8	70	36	14	17	3÷6

ALTRI A RICHIESTA
OTHERS ON REQUEST

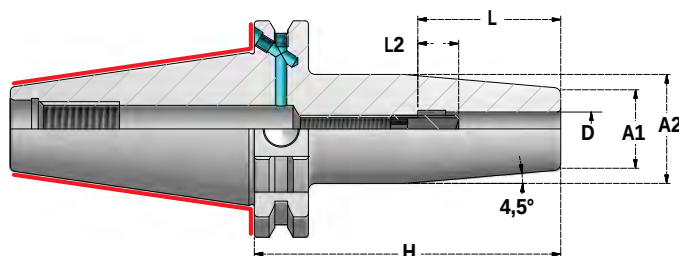


ACCESSORI - ACCESSORIES



MANDRINI A DOPPIO CONTATTO A CALETTAMENTO A CALDO

DOUBLE CONTACT SHRINK FIT CHUCKS



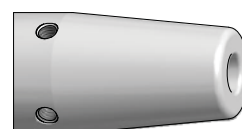
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



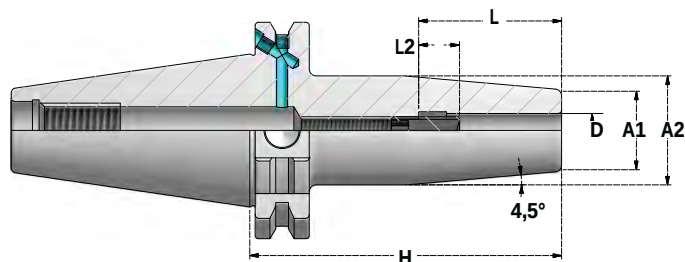
Mandrini a calettamento con canali
per refrigerante fornibili a richiesta.
Shrink fit holders with coolant channels
on request.

ACCESSORI - ACCESSORIES



MANDRINI A CALETTAMENTO A CALDO

SHRINK FIT CHUCKS



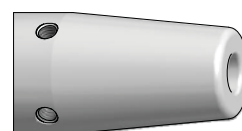
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

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.



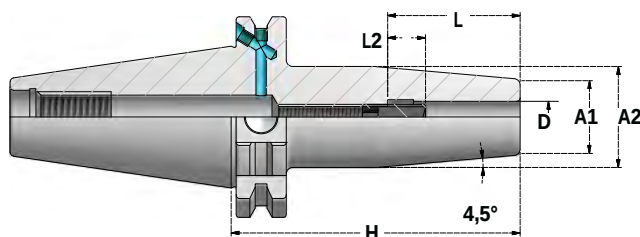
Mandrini a calettamento con canali
per refrigerante fornibili a richiesta.
Shrink fit holders with coolant channels
on request.

ACCESSORI - ACCESSORIES



MANDRINI A CALETTAMENTO A CALDO

SHRINK FIT CHUCKS



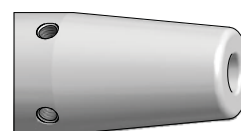
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

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.



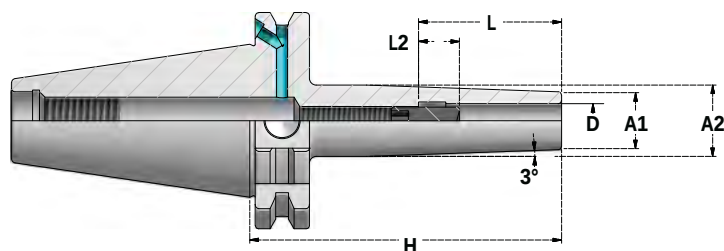
Mandrini a calettamento con canali
per refrigerante fornibili a richiesta.
Shrink fit holders with coolant channels
on request.

ACCESSORI - ACCESSORIES



MANDRINI A CALETTAMENTO A CALDO SLIM

SLIM SHRINK FIT CHUCKS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



DIN ISO 7388 (DIN69871)

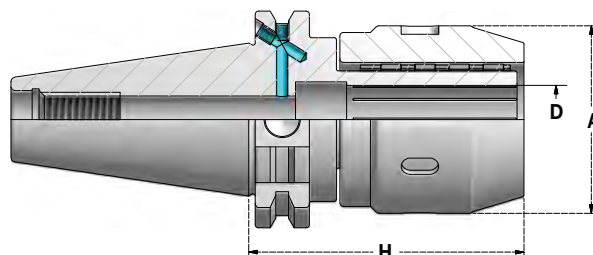
TC

FS

MANDRINI A FORTE SERRAGGIO POWER MILLING CHUCKS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G6,3 12000 r.p.m. AD+B	Articolo	D	H	A
	TCB40.H98.FS20	20	98	55
	TCB40.H100.FS32	32	100	69

G6,3 12000 r.p.m. AD+B	Articolo	D	H	A
	TCB50.H98.FS20	20	98	55
	TCB50.H103.FS32	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.*



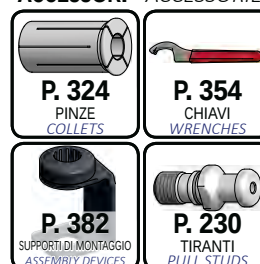
KIT - MANDRINO, CHIAVE E PINZE

KIT - TOOLHOLDER, WRENCH AND COLLETS

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

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

ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

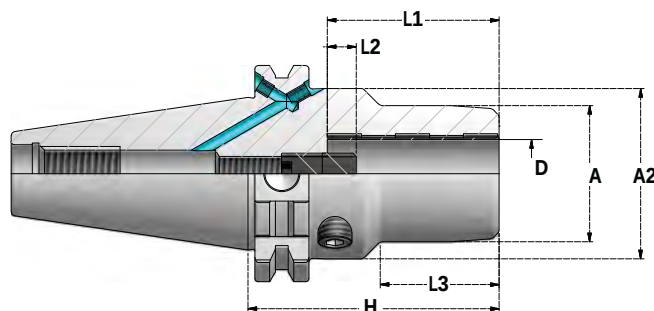
TC

HY

MANDRINI IDRAULICI HYDRAULIC CHUCKS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G2,5
25000 r.p.m.



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

G2,5
25000 r.p.m.



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



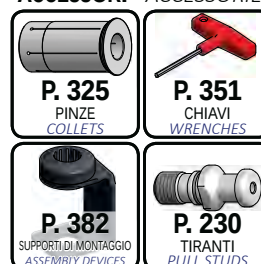
KIT - MANDRINO, CHIAVE E PINZE

KIT - TOOLHOLDER, WRENCH AND COLLETS

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

ALTRE LUNGHEZZE RICHIESTA
OTHER LENGTHS ON REQUEST

ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

TC

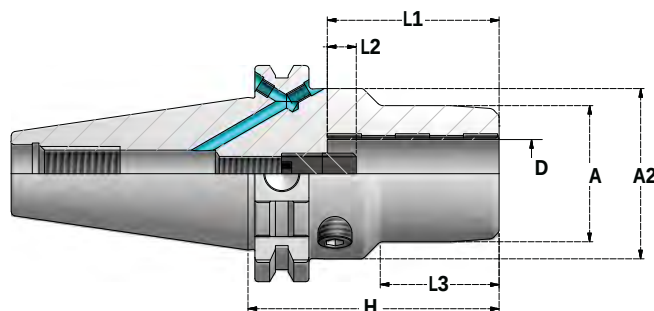
HY

MANDRINI IDRAULICI

HYDRAULIC CHUCKS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



G2,5
25000 r.p.m.



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

G2,5
25000 r.p.m.



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



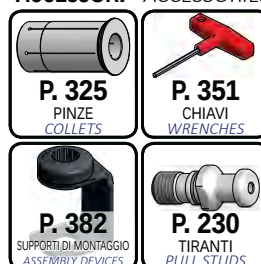
KIT - MANDRINO, CHIAVE E PINZE

KIT - TOOLHOLDER, WRENCH AND COLLETS

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

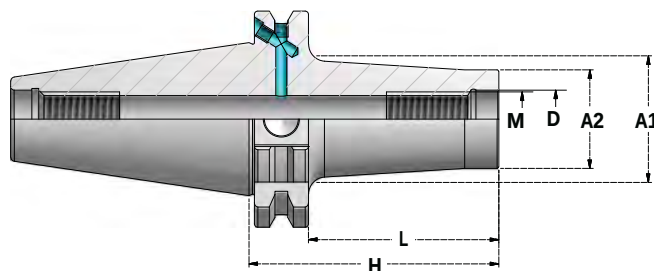
ALTRE LUNGHEZZE RICHIESTA
OTHER LENGTHS ON REQUEST

ACCESSORI - ACCESSORIES



MANDRINI PER FRESE CON ATTACCO FILETTATO

SCREW IN MILL CHUCKS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

Momento di serraggio consigliato
Recommended tightening torque

M8	25Nm
M10	40Nm
M12	60Nm
M16	80Nm



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

ACCESSORI - ACCESSORIES

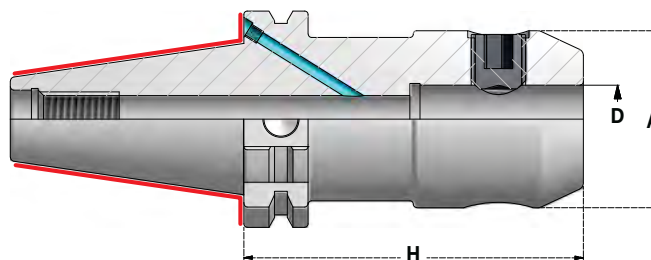


MANDRINI A DOPPIO CONTATTO PORTAFRESE WELDON

DOUBLE CONTACT END MILL HOLDERS WELDON

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



DIN ISO 7388 (DIN69871)

TC

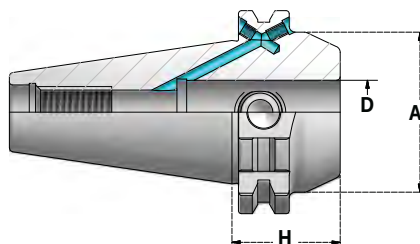
WE

MANDRINI PORTAFRESA WELDON - EXTRACORTI

END MILL HOLDERS WELDON - STUB LENGTH

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



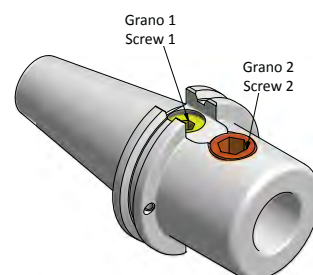
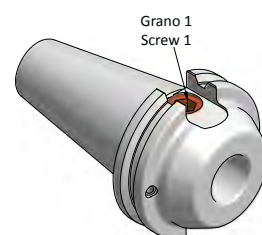
Articolo	D	H	A	Grano 1 Screw 1	Grano 2 Screw 2
TC30.H35.WE6	6	35	25	GR.WE6	/
TC30.H35.WE8	8	35	28	GR.WE8	/
TC30.H35.WE10	10	35	35	GR.WE10	/
TC30.H35.WE12	12	35	42	GR.WE12-14	/
TC30.H35.WE14	14	35	44	GR.WE12-14	/
TC30.H35.WE16	16	35	44	GR.WEC16	/
TC30.H35.WE18	18	35	44	GR.WEC25-32	/
TC30.H35.WE20	20	35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



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



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

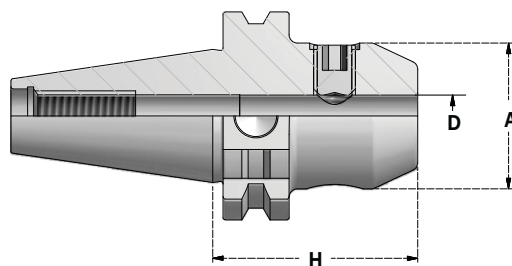


ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA WELDON

END MILL HOLDERS WELDON



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



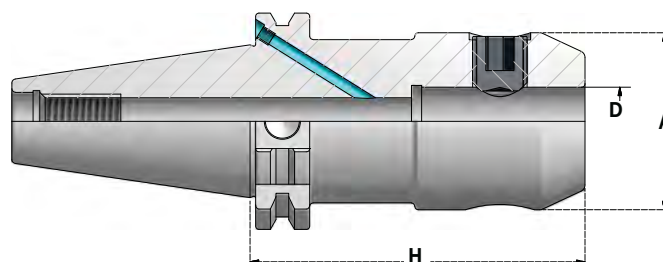
Articolo	D	H	A	Grano Screw
TC30.H50.WE6	6	50	25	GR.WE6
TC30.H100.WE6	6	100	25	GR.WE6
TC30.H50.WE8	8	50	28	GR.WE8
TC30.H100.WE8	8	100	28	GR.WE8
TC30.H50.WE10	10	50	35	GR.WE10
TC30.H100.WE10	10	100	35	GR.WE10
TC30.H50.WE12	12	50	42	GR.WE12-14
TC30.H100.WE12	12	100	42	GR.WE12-14
TC30.H50.WE14	14	50	44	GR.WE12-14
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



MANDRINI PORTAFRESA WELDON

END MILL HOLDERS WELDON

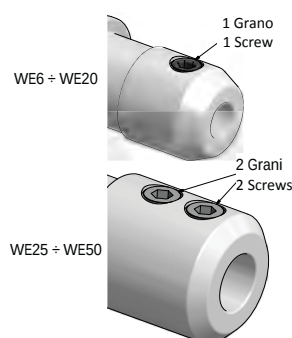


DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

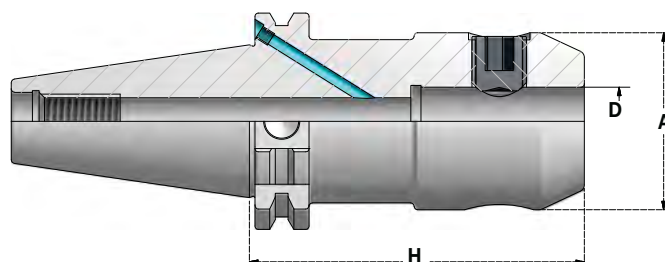


ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA WELDON

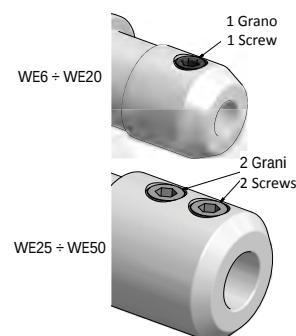
END MILL HOLDERS WELDON



DIMENSIONI
DELL'ATTACCO

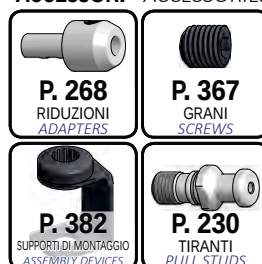
SHANK
DIMENSIONS

G6,3 15000 r.p.m. AD+B	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



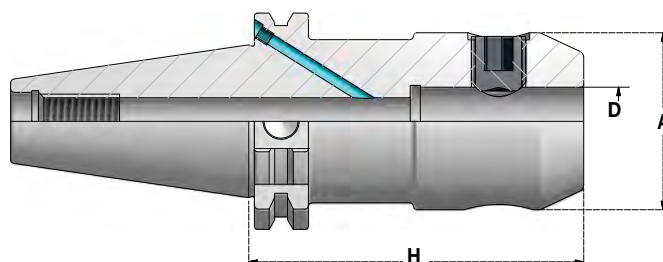
G6,3 15000 r.p.m. AD+B	Articolo	D	H	A	Grano Screw
	TCB50.H63.WE6	6	63	25	GR.WE6
	TCB50.H100.WE6	6	100	25	GR.WE6
	TCB50.H130.WE6	6	130	25	GR.WE6
	TCB50.H160.WE6	6	160	25	GR.WE6
	TCB50.H200.WE6	6	200	25	GR.WE6
	TCB50.H63.WE8	8	63	28	GR.WE8
	TCB50.H100.WE8	8	100	28	GR.WE8
	TCB50.H130.WE8	8	130	28	GR.WE8
	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

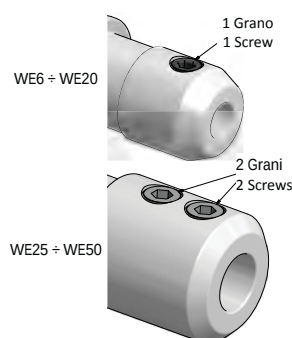


DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



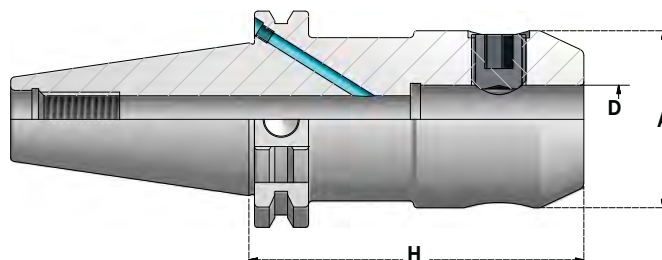
ACCESSORI - ACCESSORIES



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

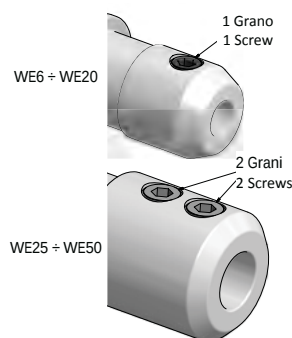
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

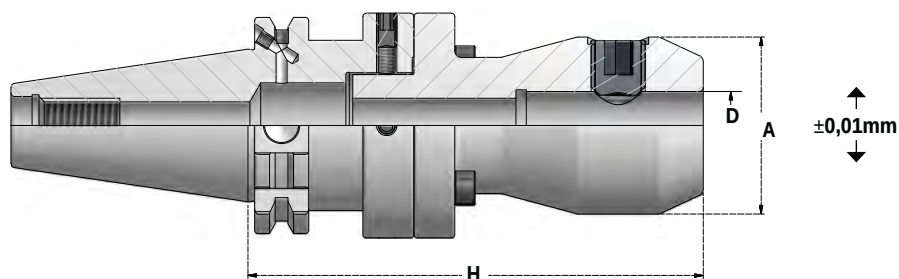


MANDRINI PORTAFRESA WELDON A CENTRATURA REGOLABILE

RUNOUT ADJUSTABLE END MILL HOLDERS WELDON

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

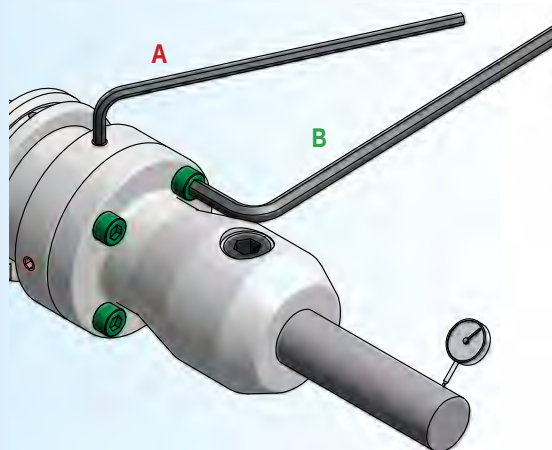


Articolo	D	H	A	Grano Screw
TCB40.H100.WE6RG	6	100	25	GR.WE6
TCB40.H100.WE8RG	8	100	28	GR.WE8
TCB40.H100.WE10RG	10	100	35	GR.WE10
TCB40.H110.WE12RG	12	110	42	GR.WE12-14
TCB40.H110.WE14RG	14	110	44	GR.WE12-14
TCB40.H130.WE16RG	16	130	48	GR.WE16-18
TCB40.H130.WE18RG	18	130	50	GR.WE16-18
TCB40.H135.WE20RG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

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



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



Allentare le viti **B** e regolare la centratura tramite le viti **A**.
Loosen screws **B** and use screws **A** for radial adjustment.

ACCESSORI - ACCESSORIES



P. 367
GRANI
SCREWS



P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



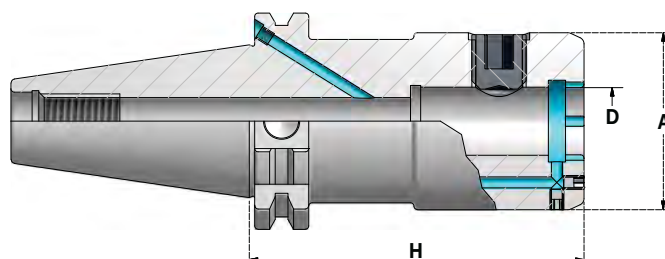
P. 230
TIRANTI
PULL STUDS

MANDRINI PORTAFRESA WELDON CON CANALI DI LUBRIFICAZIONE

END MILL HOLDERS WELDON WITH COOLANT CHANNELS

DIMENSIONI
DELL'ATTACCO

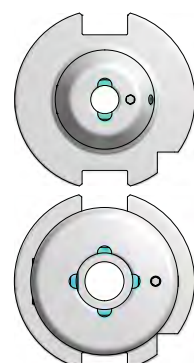
SHANK
DIMENSIONS



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

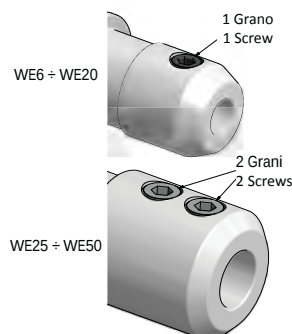


Articolo	D	H	A	Grano Screw
TCB50.H63.WE6C	6	63	25	GR.WE6
TCB50.H63.WE8C	8	63	28	GR.WE8
TCB50.H63.WE10C	10	63	35	GR.WE10
TCB50.H63.WE12C	12	63	42	GR.WE12-14
TCB50.H63.WE14C	14	63	44	GR.WE12-14
TCB50.H63.WE16C	16	63	48	GR.WE16-18
TCB50.H63.WE18C	18	63	50	GR.WE16-18
TCB50.H63.WE20C	20	63	52	GR.WE20
TCB50.H100.WE25C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



WE6÷WE14

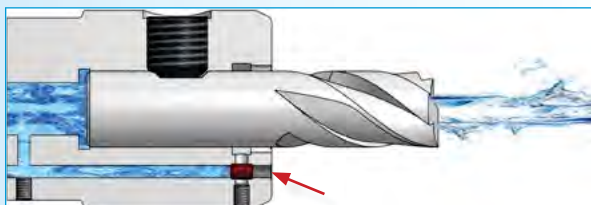
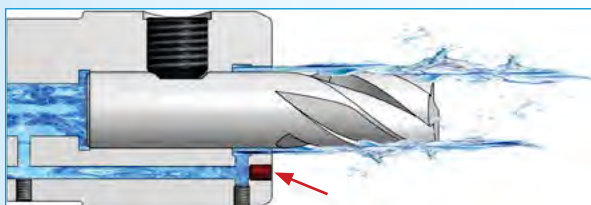
WE16÷WE50



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



P. 367
GRANI
SCREWS



P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



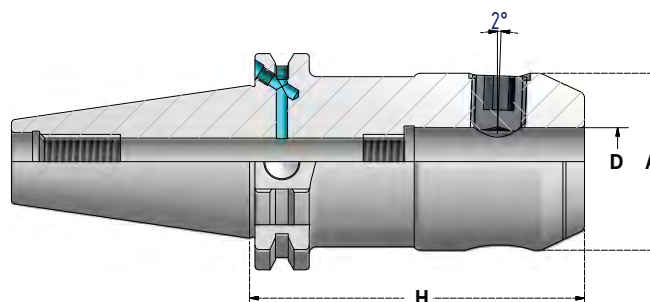
P. 230
TIRANTI
PULL STUDS

MANDRINI PORTAFRESA WHISTLE NOTCH

END MILL HOLDERS WHISTLE NOTCH

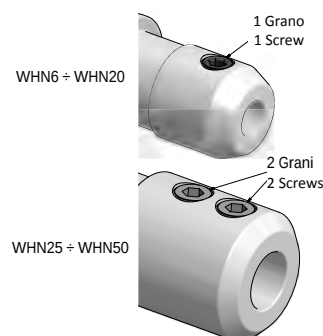
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



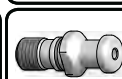
ACCESSORI - ACCESSORIES



P. 367
GRANI
SCREWS



P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



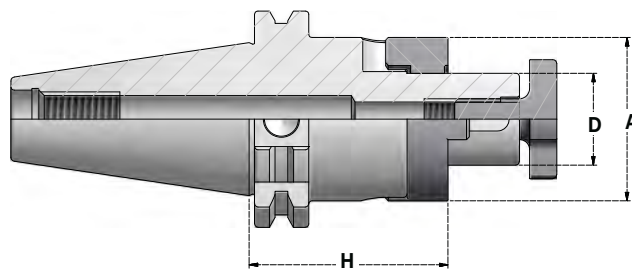
P. 230
TIRANTI
PULL STUDS

MANDRINI PORTAFRESA COMBINATI

COMBI SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

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

ACCESSORI - ACCESSORIES

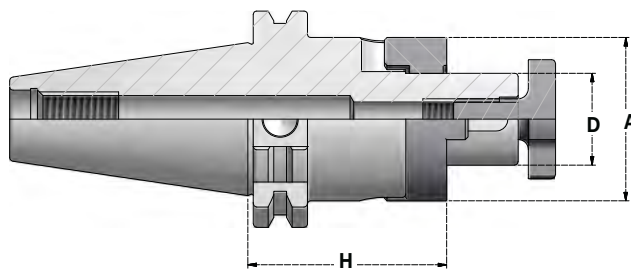


MANDRINI PORTAFRESA COMBINATI

COMBI SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

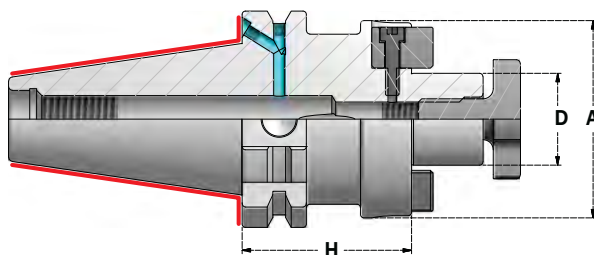
ACCESSORI - ACCESSORIES



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

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

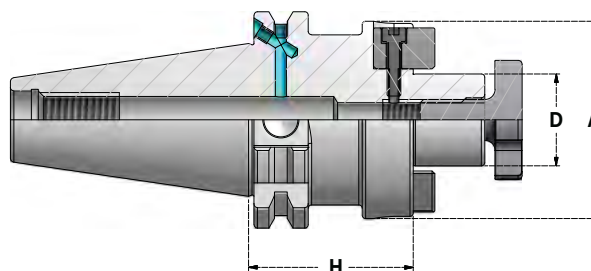
G2,5 25000 r.p.m.	Articolo	D	H	A	TTR	VTC
	DTCB50.H35.D16S	16	35	38	TTR.D16	VTC.D16
	DTCB50.H35.D22S	22	35	48	TTR.D22	VTC.D22
	DTCB50.H35.D27S	27	35	58	TTR.D27	VTC.D27
	DTCB50.H35.D32S	32	35	78	TTR.D32	VTC.D32
	DTCB50.H50.D40S	40	50	88	TTR.D40	VTC.D40

ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI

SHELL MILL HOLDERS

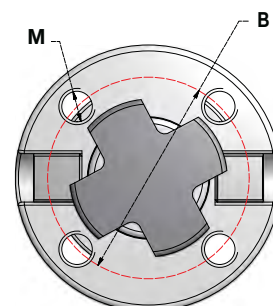


DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

G6,3 15000 _{rpm}	Articolo	D	H	A	TTR	VTC
	TC30.H35.D16S	16	35	38	TTR.D16	VTC.D16
	TC30.H35.D22S	22	35	48	TTR.D22	VTC.D22
	TC30.H60.D27S	27	60	58	TTR.D27	VTC.D27
	TC30.H60.D32S	32	60	78	TTR.D32	VTC.D32

G6,3 15000 _{rpm}	Articolo	D	H	A	TTR	VTC
	TCB40.H35.D16S	16	35	38	TTR.D16	VTC.D16
	TCB40.H45.D16S	16	45	38	TTR.D16	VTC.D16
	TCB40.H100.D16S	16	100	38	TTR.D16	VTC.D16
	TCB40.H130.D16S	16	130	38	TTR.D16	VTC.D16
	TCB40.H160.D16S	16	160	38	TTR.D16	VTC.D16
	TCB40.H200.D16S	16	200	38	TTR.D16	VTC.D16
	TCB40.H35.D22S	22	35	48	TTR.D22	VTC.D22
	TCB40.H45.D22S	22	45	48	TTR.D22	VTC.D22
	TCB40.H100.D22S	22	100	48	TTR.D22	VTC.D22
	TCB40.H130.D22S	22	130	48	TTR.D22	VTC.D22
	TCB40.H160.D22S	22	160	48	TTR.D22	VTC.D22
	TCB40.H200.D22S	22	200	48	TTR.D22	VTC.D22
	TCB40.H35.D27S	27	35	50	TTR.D27	VTC.D27
	TCB40.H50.D27S	27	50	58	TTR.D27	VTC.D27
	TCB40.H100.D27S	27	100	58	TTR.D27	VTC.D27
	TCB40.H130.D27S	27	130	58	TTR.D27	VTC.D27
	TCB40.H160.D27S	27	160	58	TTR.D27	VTC.D27
	TCB40.H200.D27S	27	200	58	TTR.D27	VTC.D27
	TCB40.H50.D32S	32	50	63	TTR.D32	VTC.D32
	TCB40.H55.D32S	32	55	78	TTR.D32	VTC.D32
	TCB40.H100.D32S	32	100	78	TTR.D32	VTC.D32
	TCB40.H130.D32S	32	130	78	TTR.D32	VTC.D32
	TCB40.H160.D32S	32	160	78	TTR.D32	VTC.D32
	TCB40.H200.D32S	32	200	78	TTR.D32	VTC.D32
	TCB40.H60.D40S	40	60	88	TTR.D40	VTC.D40
	TCB40.H100.D40S	40	100	88	TTR.D40	VTC.D40
	TCB40.H130.D40S	40	130	88	TTR.D40	VTC.D40
	TCB40.H160.D40S	40	160	88	TTR.D40	VTC.D40
	TCB40.H200.D40S	40	200	88	TTR.D40	VTC.D40



MANDRINI PER FRESE A SPIANARE CON 4 FORI

FACE MILL HOLDERS WITH 4 HOLES

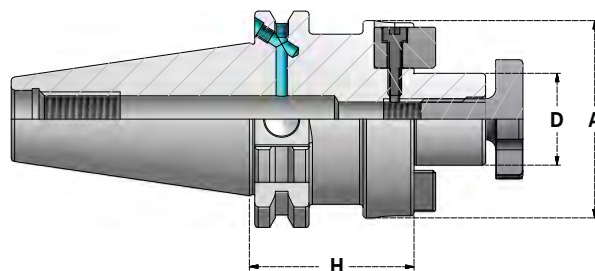
G6,3 15000 _{rpm}	Articolo	D	H	A	B	M	TTR	VTC
	TCB40.H60.D40FM	40	60	88	66,7	M12	TTR.D40	VTC.D40

ACCESSORI - ACCESSORIES



MANDRINI PORTAFRESA FISSI

SHELL MILL HOLDERS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

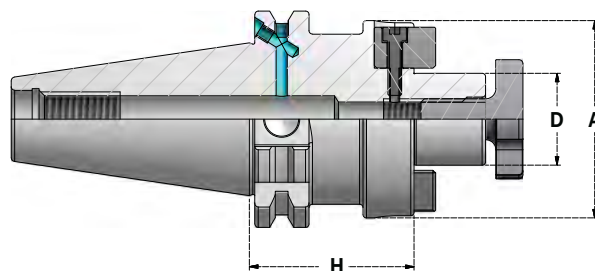


MANDRINI PORTAFRESE FISSI

SHELL MILL HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

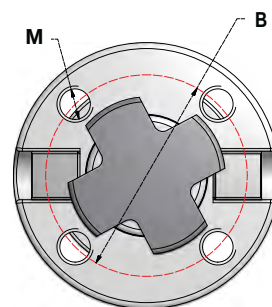


G6,3 15000rpm. AD+B	Articolo	D	H	A	TTR	VTC
	TCB50.H50.D40S	40	50	88	TTR.D40	VTC.D40
	TCB50.H75.D40S	40	75	88	TTR.D40	VTC.D40
	TCB50.H100.D40S	40	100	88	TTR.D40	VTC.D40
	TCB50.H130.D40S	40	130	88	TTR.D40	VTC.D40
	TCB50.H160.D40S	40	160	88	TTR.D40	VTC.D40
	TCB50.H200.D40S	40	200	88	TTR.D40	VTC.D40

MANDRINI PER FRESE A SPIANARE CON 4 FORI

FACE MILL HOLDERS WITH 4 HOLES

G6,3 15000rpm. AD+B	Articolo	D	H	A	B	M	TTR	VTC
	TCB50.H50.D40FM	40	50	88	66,7	M12	TTR.D40	VTC.D40
	TCB50.H70.D60FM	60	70	129	101,6	M16	TTR.D60	VTC.D60



ACCESSORI - ACCESSORIES



MANDRINI DI RIDUZIONE CONO MORSE PER PUNTE

MORSE TAPER ADAPTERS FOR DRILLS

Fig.1

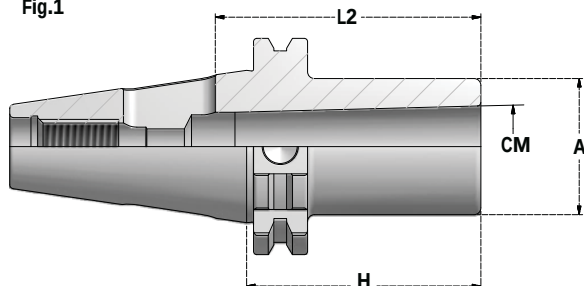
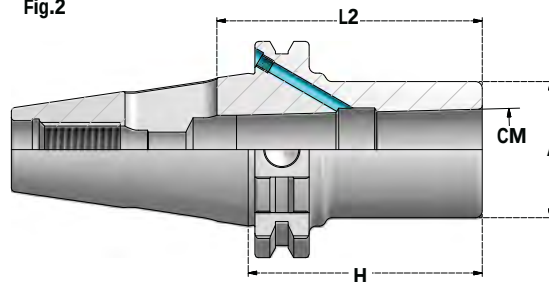


Fig.2



DIMENSIONI
DELL'ATTACCO
SHANK
DIMENSIONS

G6,3 15000.p.m.	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

G6,3 15000.p.m.	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

G6,3 15000.p.m.	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

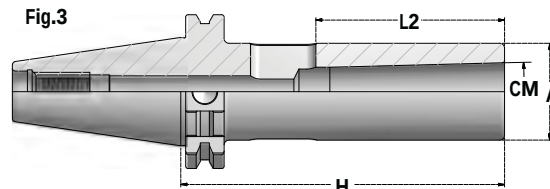
G6,3 15000.p.m.	Articolo	CM	H	A	L2	Fig
	TCB40.H50.CM2P	CM2	50	32	67	2
	TCB40.H70.CM3P	CM3	70	40	84	2
	TCB40.H95.CM4P	CM4	95	48	107	2

G6,3 15000.p.m.	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*

Fig.3

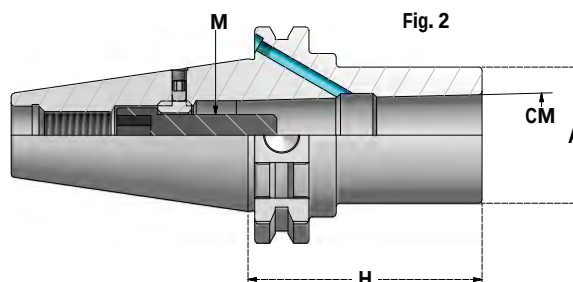
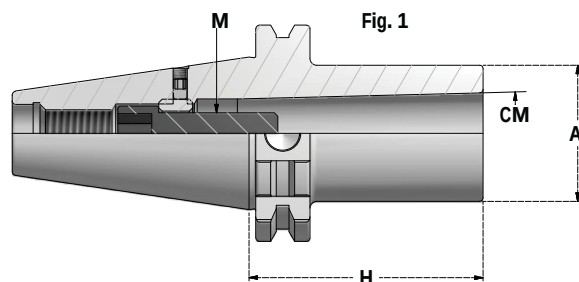


ACCESSORI - ACCESSORIES



MANDRINI DI RIDUZIONE CONO MORSE PER FRESE

MORSE TAPER ADAPTERS FOR THREADED MILLS



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

G6,3 15000 p.p.m.	Articolo	CM	H	A	M	Fig
 AD	TC30.H50.CM1FV	CM1	50	25	M6	1
	TC30.H60.CM2FV	CM2	60	32	M10	1
	TC30.H85.CM3FV	CM3	85	40	M12	1

G6,3 15000 p.p.m.	Articolo	CM	H	A	M	Fig
 AD	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

G6,3 15000 p.p.m.	Articolo	CM	H	A	M	Fig
 AD	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

G6,3 15000 p.p.m.	Articolo	CM	H	A	M	Fig
 AD+B	TCB40.H50.CM2FV	CM2	50	32	M10	2
	TCB40.H70.CM3FV	CM3	70	40	M12	2
	TCB40.H95.CM4FV	CM4	95	48	M16	2

G6,3 15000 p.p.m.	Articolo	CM	H	A	M	Fig
 AD+B	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

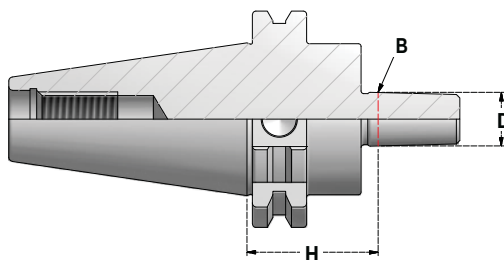


ATTACCHI PER MANDRINI AUTOSERRANTI

DRILL CHUCKS ARBORS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



Articolo	B	D	H
TC30.H25.B12	B12	12,065	25
TC30.H25.B16	B16	15,733	25

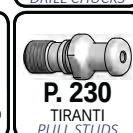


Articolo	B	D	H
TC40.H40.B12	B12	12,065	40
TC40.H40.B16	B16	15,733	40
TC40.H40.B18	B18	17,78	40



Articolo	B	D	H
TC50.H40.B16	B16	15,733	40
TC50.H40.B18	B18	17,78	40

ACCESSORI - ACCESSORIES

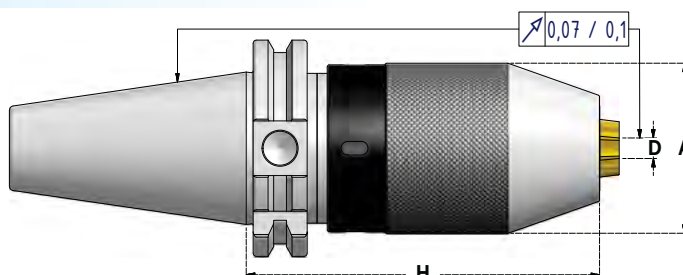


MANDRINI PORTAPUNTA AUTOSERRANTI - ROTAZIONE DESTRA

DRILL CHUCKS - RIGHT ROTATION

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

**GRIFFE RIVESTITE
IN TITANIO**

**TITANIUM
COATED JAWS**



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



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

ACCESSORI - ACCESSORIES

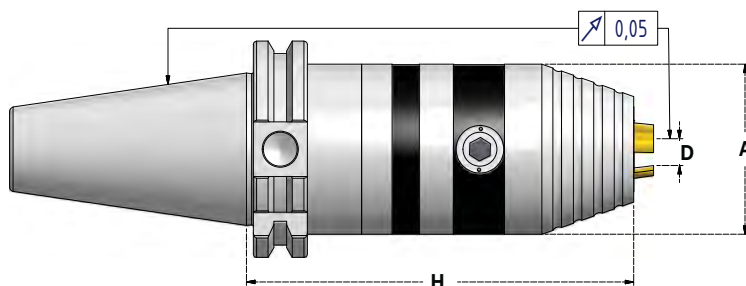


MANDRINI PORTAPUNTA AUTOSERRANTI - ROTAZIONE DESTRA E SINISTRA

DRILL CHUCKS - RIGHT AND LEFT ROTATION

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

**GRIFFE RIVESTITE
IN TITANIO**

**TITANIUM
COATED JAWS**



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

ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

TC

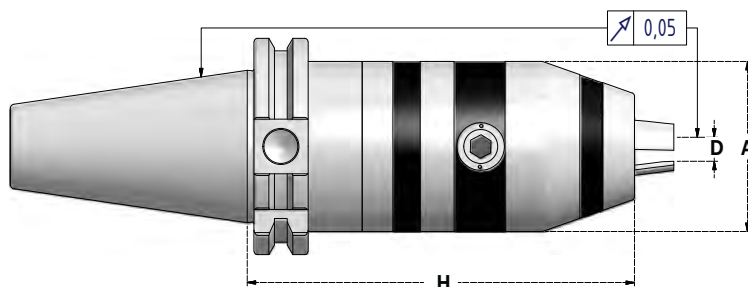
HD

MANDRINI PORTAPUNTA AUTOSERRANTI CON PASSAGGIO DEL REFRIGERANTE ROTAZIONE DESTRA E SINISTRA

DRILL CHUCKS WITH COOLANT THROUGH - RIGHT AND LEFT ROTATION

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



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

ACCESSORI - ACCESSORIES

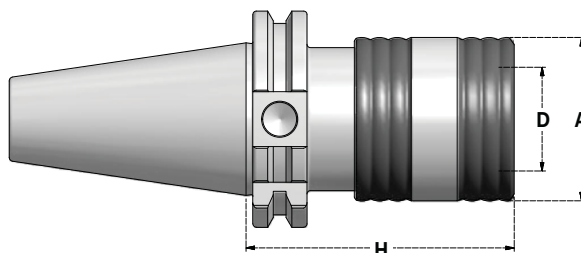


MASCHIATORI A CAMBIO RAPIDO PER MASCHIATURA RIGIDA

QUICK CHANGE TAPPING CHUCKS FOR RIGID TAPPING

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



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

ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

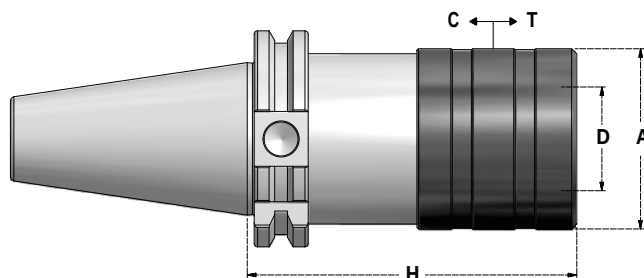
TC

MCR

MASCHIATORI A CAMBIO RAPIDO

CON COMPENSAZIONE ASSIALE A TRAZIONE E COMPRESSIONE

QUICK CHANGE TAPPING CHUCKS WITH AXIAL COMPENSATION



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



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

ACCESSORI - ACCESSORIES



P. 371
PINZE
COLLETS



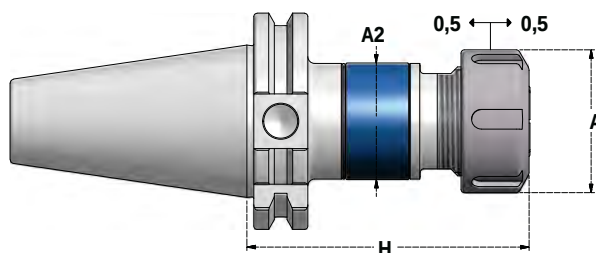
P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



P. 230
TIRANTI
PULL STUDS

MANDRINI PER MASCHIATURA SINCRONIZZATA

TAPPING CHUCKS FOR SYNCHRONIZED TAPPING



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



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

ACCESSORI - ACCESSORIES

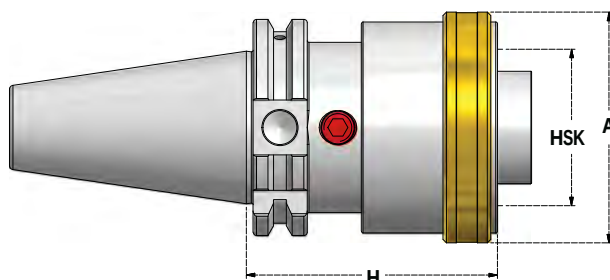


ADATTATORI HSK FORMA A/C

ADAPTERS HSK FORM A/C

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

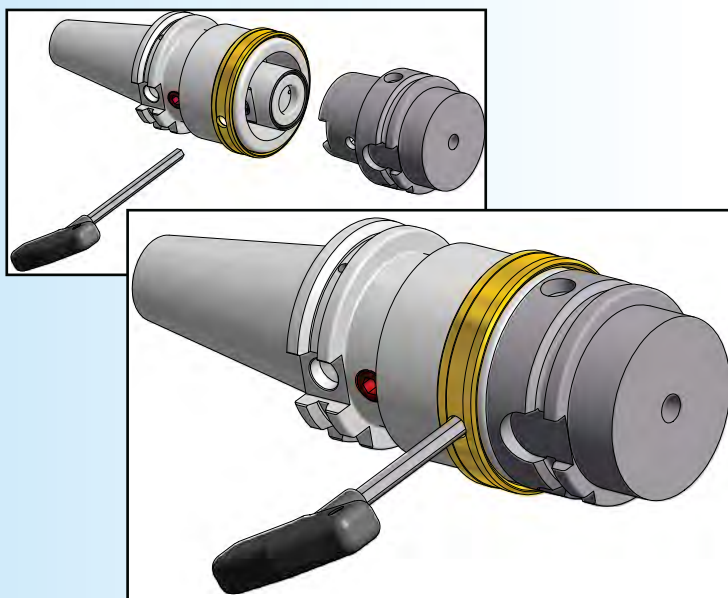
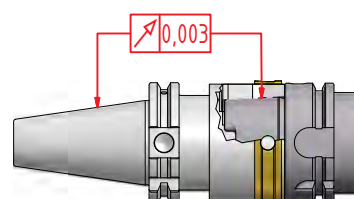


Articolo	H	A	HSK A/C
TCB40.H65.HSK50AC	65	55	50
TCB40.H75.HSK63AC	75	70	63



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

ALTRI A RICHIESTA
OTHERS ON REQUEST



ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

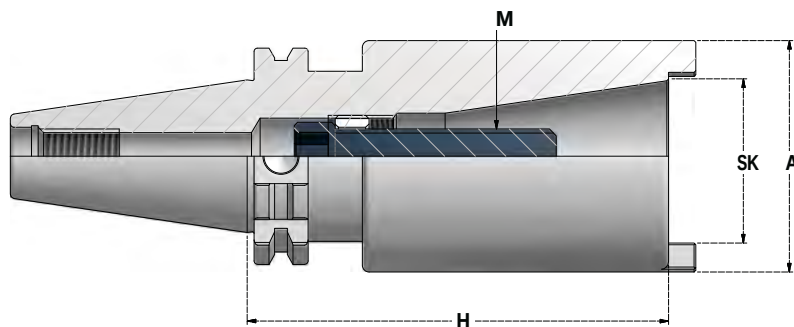
TC

MANDRINI DI RIDUZIONE TC-BT-ISO

TC-BT-ISO REDUCTION SLEEVES

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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



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



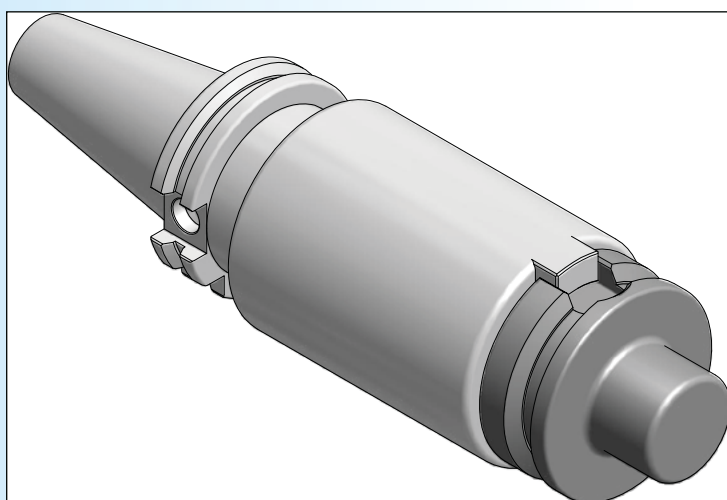
Articolo	H	A	M	SK
TC50.H70.TB40	70	70	M16	TC40 / BT40
TC50.H120.TB50	120	90	M24	TC50 / BT50



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

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

*SUPPLIED WITH SCREW WITHOUT
COOLANT THROUGH*



ACCESSORI - ACCESSORIES

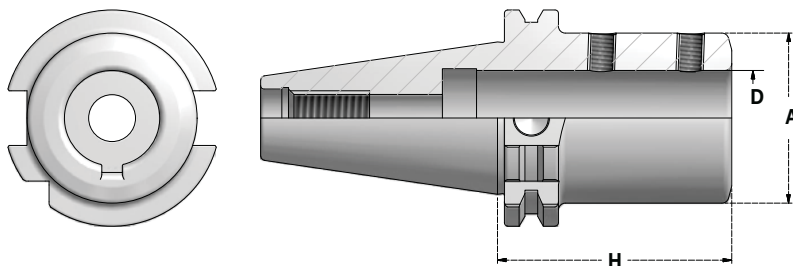


MANDRINI PORTA INSERZIONI REGISTRABILI DIN 6327

HOLDERS FOR ADJUSTABLE ADAPTERS DIN 6327

DIMENSIONI
DELL'ATTACCO

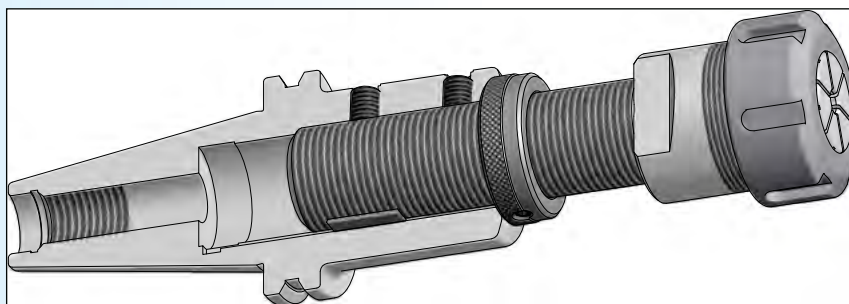
SHANK
DIMENSIONS



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



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



ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

TC

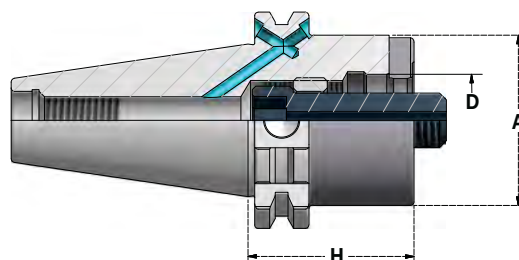
MD

MANDRINI MODULARI TIPO VARILOCK

MODULAR TOOLHOLDERS VARILOCK TYPE

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



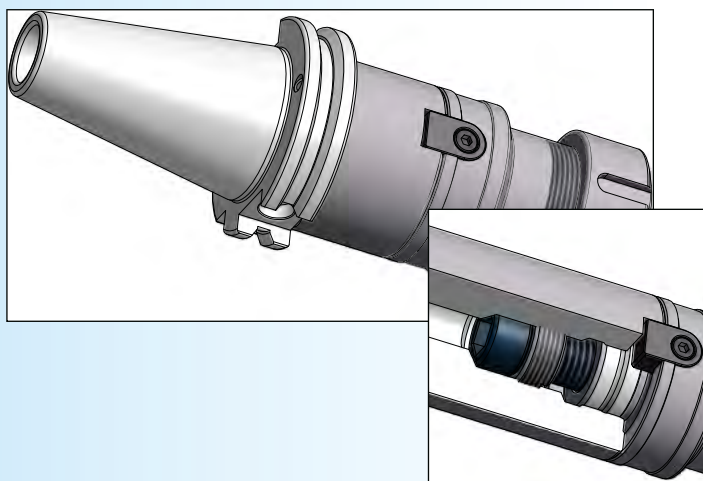
Articolo	A	H	D	Attacco
TCB40.H27.MD50	50	27	27,3 / 27	MD50
TCB40.H50.MD50	50	50	27,3 / 27	MD50
TCB40.H50.MD63	63	50	32,3 / 32	MD63



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



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



ACCESSORI - ACCESSORIES



P. 377
MODULARI
MODULAR



P. 382
SUPPORTI DI MONTAGGIO
ASSEMBLY DEVICES



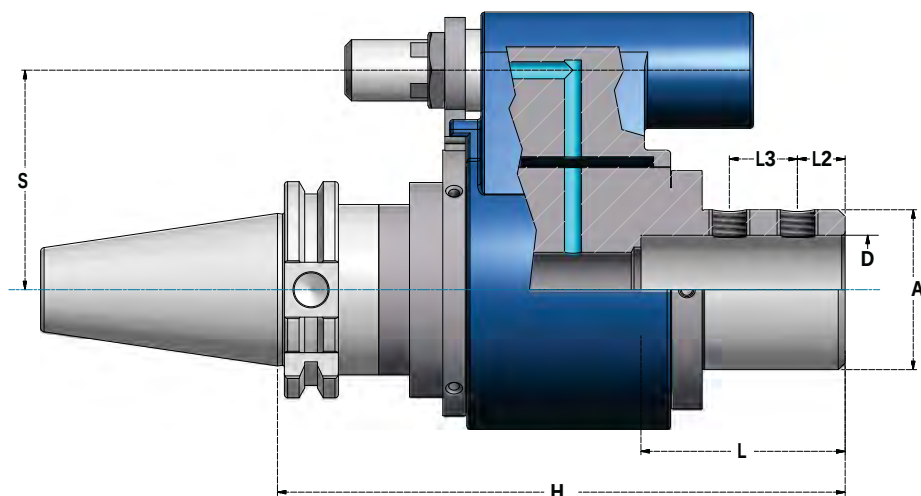
P. 230
TIRANTI
PULL STUDS

DISTRIBUTORI ROTANTI DEL REFRIGERANTE PER ATTACCHI CILINDRICI

SIDE LOCK OIL HOLE HOLDERS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

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

ACCESSORI - ACCESSORIES

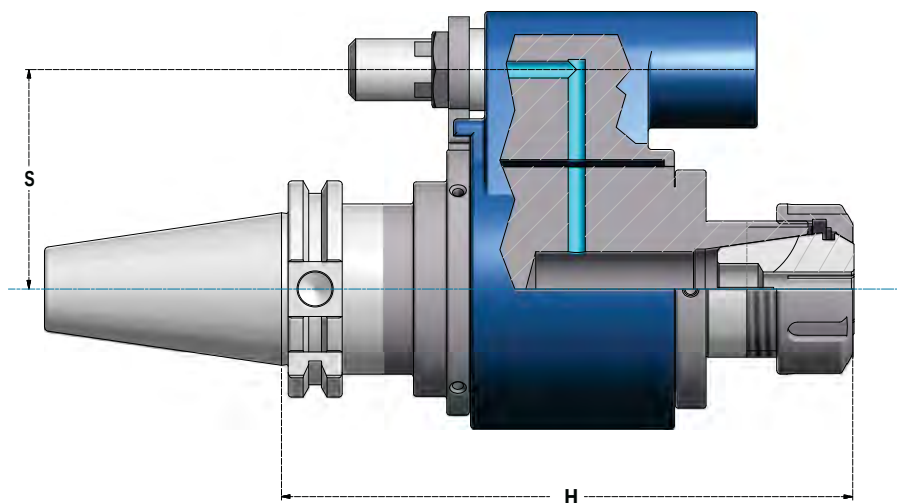


DISTRIBUTORI ROTANTI DEL REFRIGERANTE PORTAPINZA ER

ER OIL HOLE HOLDERS COLLET CHUCKS

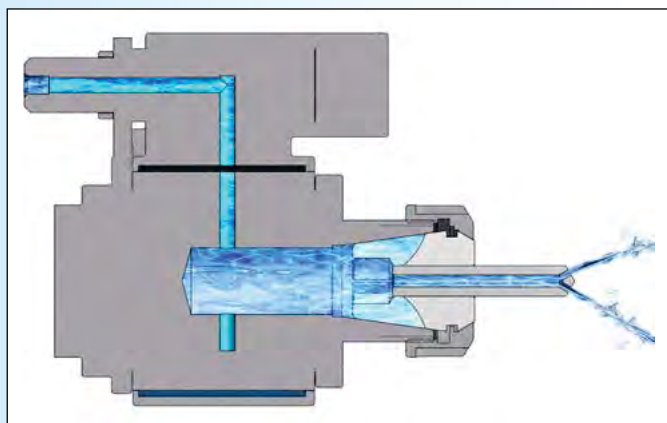
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

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



ACCESSORI - ACCESSORIES



DIN ISO 7388 (DIN69871)

TC

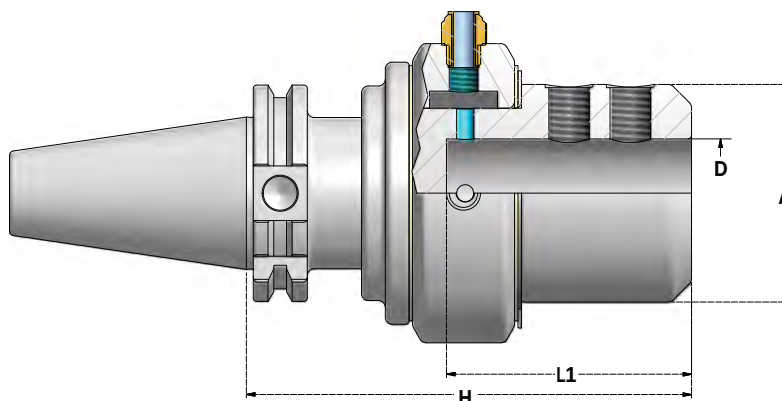
DRM

DISTRIBUTORI ROTANTI DEL REFRIGERANTE A CAMBIO MANUALE PER ATTACCHI CILINDRICI

MANUAL SIDE LOCK OIL HOLE HOLDERS

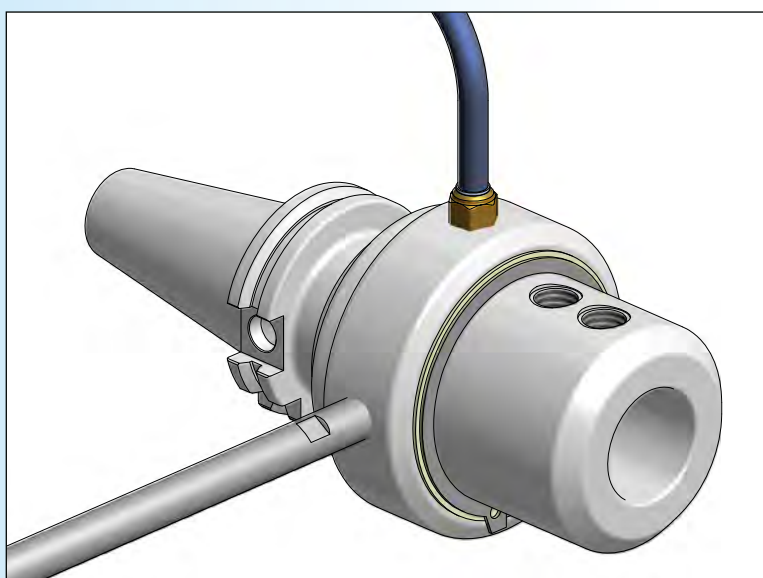
DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



Articolo	D	H	A	L1
TC40.DRM32	32	125	64,5	72

Articolo	D	H	A	L1
TC50.DRM40	40	145	64,5	82



ACCESSORI - ACCESSORIES

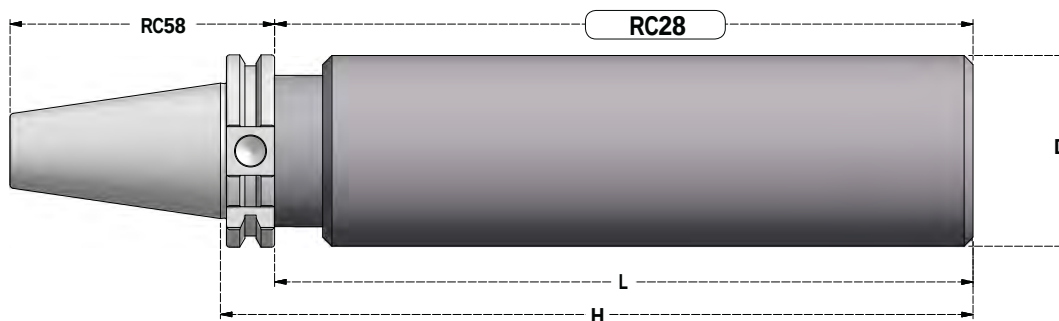


MANDRINI CON STELO LAVORABILE

BLANK ARBORS

DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS



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

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

MANDRINI DI COLLAUDO *TEST ARBORS*



DIMENSIONI
DELL'ATTACCO

SHANK
DIMENSIONS

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

**FORNITI CON BOX
E CERTIFICATO DI COLLAUDO**

*SUPPLIED IN BOX
AND WITH TESTING REPORT*