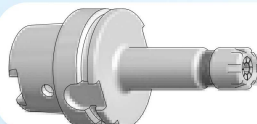


## MANDRINI PORTAPINZA ER ER COLLET CHUCKS

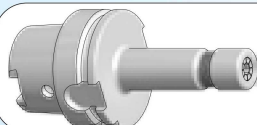
DIN ISO 15488 (DIN6499)



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

PAG. 4

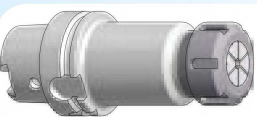
G6,3



**MANDRINI PORTAPINZA ER PER ALTA VELOCITA'  
GHIERE MINI SENZA TACCHE**  
COLLET CHUCKS ER FOR HIGH SPEED  
MINI NOTCH FREE NUTS

PAG. 5

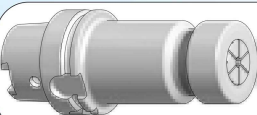
G2,5



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

PAG. 6-7

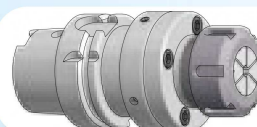
G6,3



**MANDRINI PORTAPINZA ER PER ALTA VELOCITA'  
GHIERE STANDARD SENZA TACCHE**  
COLLET CHUCKS ER FOR HIGH SPEED  
STANDARD NOTCH FREE NUTS

PAG. 8

G2,5



**MANDRINI PORTAPINZA ER A CENTRATURA REGOLABILE  
GHIERE STANDARD SENZA TACCHE**  
COLLET CHUCKS ER FOR HIGH SPEED  
STANDARD NOTCH FREE NUTS

PAG. 9

G6,3

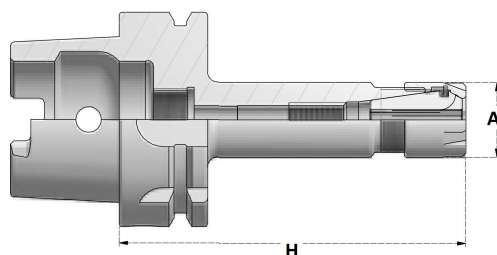
DIN 69893-1

HSK A

ERC MINI

DIN ISO 15488 (DIN6499)

**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS

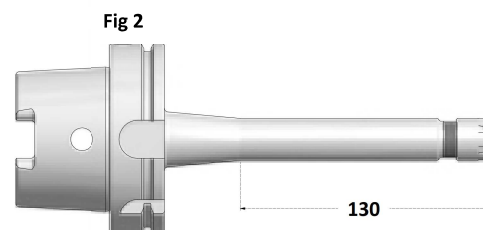


DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS

G6,3 18000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
	HSK50A.H100.ERC8M	100	12	1÷5	G8M
HSK50A.H100.ERC11M	100	16	1÷7	G11M	
HSK50A.H100.ERC16M	100	22	1÷10	G16M	
HSK50A.H100.ERC20M	100	28	1÷14	G20M	
HSK50A.H100.ERC25M	100	35	1÷20	G25M	



G6,3 18000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
	HSK63A.H100.ERC11M	100	16	1÷7	G11M
HSK63A.H130.ERC11M	130	16	1÷7	G11M	
HSK63A.H160.ERC11M	160	16	1÷7	G11M	
HSK63A.H100.ERC16M	100	22	1÷10	G16M	
HSK63A.H130.ERC16M	130	22	1÷10	G16M	
HSK63A.H160.ERC16M	160	22	1÷10	G16M	
HSK63A.H100.ERC20M	100	28	1÷14	G20M	
HSK63A.H130.ERC20M	130	28	1÷14	G20M	
HSK63A.H160.ERC20M	160	28	1÷14	G20M	
HSK63A.H100.ERC25M	100	35	1÷20	G25M	
HSK63A.H130.ERC25M	130	35	1÷20	G25M	
HSK63A.H160.ERC25M	160	35	1÷20	G25M	



G6,3 15000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
	HSK100A.H100.ERC16M	100	22	1÷10	G16M
HSK100A.H130.ERC16M	130	22	1÷10	G16M	
HSK100A.H160.ERC16M	160	22	1÷10	G16M	
* HSK100A.H200.ERC16M	200	22	1÷10	G16M	
HSK100A.H100.ERC20M	100	28	1÷14	G20M	
HSK100A.H130.ERC20M	130	28	1÷14	G20M	
HSK100A.H160.ERC20M	160	28	1÷14	G20M	
HSK100A.H200.ERC20M	200	28	1÷14	G20M	
HSK100A.H100.ERC25M	100	35	1÷20	G25M	
HSK100A.H130.ERC25M	130	35	1÷20	G25M	
HSK100A.H160.ERC25M	160	35	1÷20	G25M	
HSK100A.H200.ERC25M	200	35	1÷20	G25M	

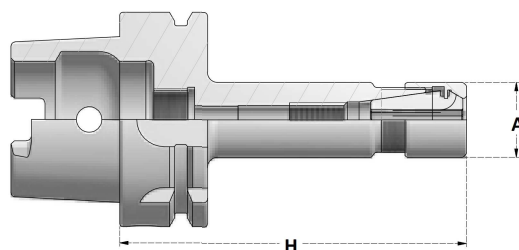
\* =Fig2

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.

Articolo	H	A	Collets Range	Ghiera Nut
HSK63A.H100.ERC11MNF	100	16	1÷7	G11NFM
HSK63A.H130.ERC11MNF	130	16	1÷7	G11NFM
HSK63A.H160.ERC11MNF	160	16	1÷7	G11NFM
HSK63A.H100.ERC16MNF	100	22	1÷10	G16NFM
HSK63A.H130.ERC16MNF	130	22	1÷10	G16NFM
HSK63A.H160.ERC16MNF	160	22	1÷10	G16NFM
HSK63A.H100.ERC20MNF	100	28	1÷14	G20NFM
HSK63A.H130.ERC20MNF	130	28	1÷14	G20NFM
HSK63A.H160.ERC20MNF	160	28	1÷14	G20NFM
HSK63A.H100.ERC25MNF	100	35	1÷20	G25NFM
HSK63A.H130.ERC25MNF	130	35	1÷20	G25NFM
HSK63A.H160.ERC25MNF	160	35	1÷20	G25NFM

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

NFM



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

**ACCESSORI - ACCESSORIES**



**P. 280**  
PINZE  
COLLETS



**P. 342**  
GHIERE  
NUTS



**P. 356**  
CHIAVI  
WRENCHES

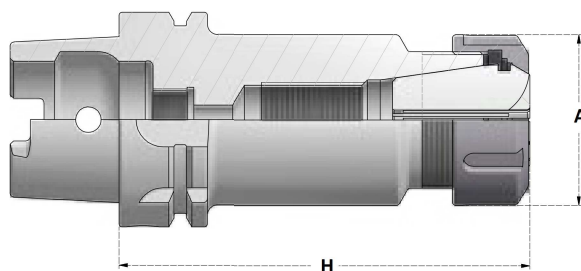


**P. 382**  
SUPPORTI DI MONTAGGIO  
ASSEMBLY DEVICES



**P. 370**  
RACCORDI REFRIGERANTE  
COOLANT TUBES

**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

**G6,3**

18000 r.p.m.

Articolo	H	A	Collets Range	Ghiera Nut
<b>HSK50A.H100.ERC16</b>	100	28	1÷10	G16SE
<b>HSK50A.H100.ERC20</b>	100	34	1÷14	G20SE
<b>HSK50A.H100.ERC25</b>	100	42	1÷20	G25S
<b>HSK50A.H100.ERC32</b>	100	50	2÷22	G32S

**G6,3**

18000 r.p.m.

Articolo	H	A	Collets Range	Ghiera Nut
<b>HSK63A.H100.ERC16</b>	100	28	1÷10	G16SE
<b>HSK63A.H130.ERC16</b>	130	28	1÷10	G16SE
<b>HSK63A.H160.ERC16</b>	160	28	1÷10	G16SE
<b>HSK63A.H200.ERC16</b>	200	28	1÷10	G16SE
<b>HSK63A.H100.ERC20</b>	100	34	1÷14	G20SE
<b>HSK63A.H130.ERC20</b>	130	34	1÷14	G20SE
<b>HSK63A.H160.ERC20</b>	160	34	1÷14	G20SE
<b>HSK63A.H200.ERC20</b>	200	34	1÷14	G20SE
<b>HSK63A.H100.ERC25</b>	100	42	1÷20	G25S
<b>HSK63A.H130.ERC25</b>	130	42	1÷20	G25S
<b>HSK63A.H160.ERC25</b>	160	42	1÷20	G25S
<b>HSK63A.H200.ERC25</b>	200	42	1÷20	G25S
<b>HSK63A.H80.ERC32</b>	80	50	2÷22	G32S
<b>HSK63A.H100.ERC32</b>	100	50	2÷22	G32S
<b>HSK63A.H130.ERC32</b>	130	50	2÷22	G32S
<b>HSK63A.H160.ERC32</b>	160	50	2÷22	G32S
<b>HSK63A.H200.ERC32</b>	200	50	2÷22	G32S
<b>HSK63A.H100.ERC40</b>	100	63	3÷30	G40S
<b>HSK63A.H130.ERC40</b>	130	63	3÷30	G40S
<b>HSK63A.H160.ERC40</b>	160	63	3÷30	G40S
<b>HSK63A.H200.ERC40</b>	200	63	3÷30	G40S

SE



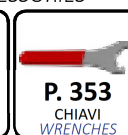
GHIERE **STANDARD** ESAGONALI  
HEXAGONAL **STANDARD** NUTS

S

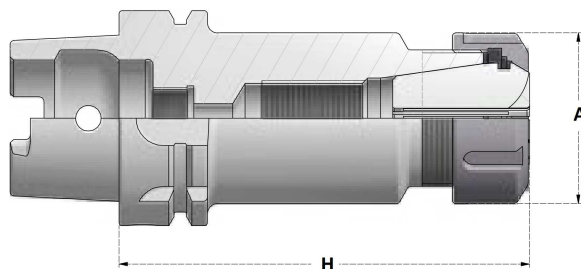


GHIERE **STANDARD** CON TACCHE  
**STANDARD** NUTS WITH SLOTS

ACCESSORI - ACCESSORIES



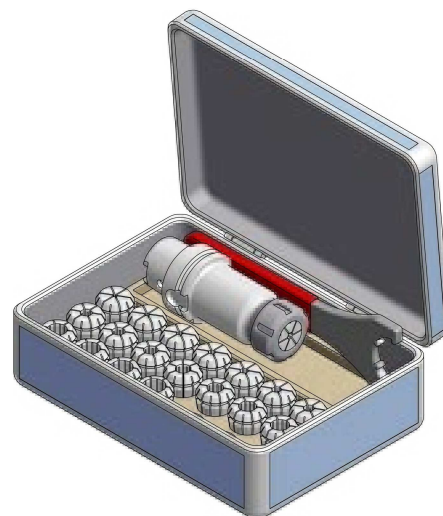
**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS

**G6,3**  
15000 pz/m.

Articolo	H	A	Collets Range	Ghiera Nut
HSK100A.H100.ERC16	100	28	1÷10	G16SE
HSK100A.H130.ERC16	130	28	1÷10	G16SE
HSK100A.H160.ERC16	160	28	1÷10	G16SE
HSK100A.H200.ERC16	200	28	1÷10	G16SE
HSK100A.H100.ERC20	100	34	1÷14	G20SE
HSK100A.H130.ERC20	130	34	1÷14	G20SE
HSK100A.H160.ERC20	160	34	1÷14	G20SE
HSK100A.H200.ERC20	200	34	1÷14	G20SE
HSK100A.H100.ERC25	100	42	1÷20	G25S
HSK100A.H130.ERC25	130	42	1÷20	G25S
HSK100A.H160.ERC25	160	42	1÷20	G25S
HSK100A.H200.ERC25	200	42	1÷20	G25S
HSK100A.H80.ERC32	80	50	2÷22	G32S
HSK100A.H100.ERC32	100	50	2÷22	G32S
HSK100A.H130.ERC32	130	50	2÷22	G32S
HSK100A.H160.ERC32	160	50	2÷22	G32S
HSK100A.H200.ERC32	200	50	2÷22	G32S
HSK100A.H250.ERC32	250	50	2÷22	G32S
HSK100A.H100.ERC40	100	63	3÷30	G40S
HSK100A.H130.ERC40	130	63	3÷30	G40S
HSK100A.H160.ERC40	160	63	3÷30	G40S
HSK100A.H200.ERC40	200	63	3÷30	G40S
HSK100A.H250.ERC40	250	63	3÷30	G40S



**KIT - MANDRINO, CHIAVE E PINZE**

KIT - TOOLHOLDER, WRENCH AND COLLETS

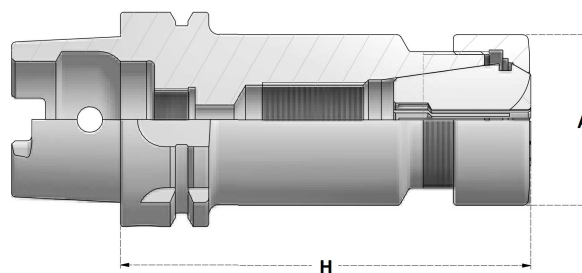
Articolo	Pinze Collets	Mandrino Toolholder	Chiave Wrench
<b>BX.HSK63A.ERC32</b>	ERC32.D3÷20 x 1,0mm	HSK63A.H100.ERC32	CH32S
<b>BX.HSK63A.ERC40</b>	ERC40.D4÷26 x 1,0mm	HSK63A.H100.ERC40	CH40S
<b>BX.HSK100A.ERC32</b>	ERC32.D3÷20 x 1,0mm	HSK100A.H100.ERC32	CH32S
<b>BX.HSK100A.ERC40</b>	ERC40.D4÷26 x 1,0mm	HSK100A.H100.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.

Articolo	H	A	Collets Range	Ghiera Nut
HSK63A.H100.ERC16NF	100	32	1÷10	G16NF
HSK63A.H130.ERC16NF	130	32	1÷10	G16NF
HSK63A.H160.ERC16NF	160	32	1÷10	G16NF
HSK63A.H100.ERC20NF	100	35	1÷14	G20NF
HSK63A.H130.ERC20NF	130	35	1÷14	G20NF
HSK63A.H160.ERC20NF	160	35	1÷14	G20NF
HSK63A.H100.ERC25NF	100	42	1÷20	G25NF
HSK63A.H130.ERC25NF	130	42	1÷20	G25NF
HSK63A.H160.ERC25NF	160	42	1÷20	G25NF
HSK63A.H100.ERC32NF	100	50	2÷22	G32NF
HSK63A.H130.ERC32NF	130	50	2÷22	G32NF
HSK63A.H160.ERC32NF	160	50	2÷22	G32NF

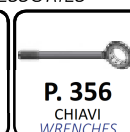
**ALTRI A RICHIESTA**  
*OTHERS ON REQUEST*

NF



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

**ACCESSORI - ACCESSORIES**

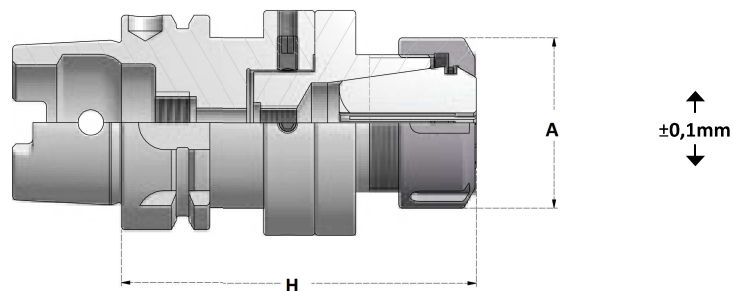




**MANDRINI PORTAPINZA ER A CENTRATURA REGOLABILE**  
*RUNOUT ADJUSTABLE ER COLLET CHUCKS*

DIMENSIONI  
DELL'ATTACCO

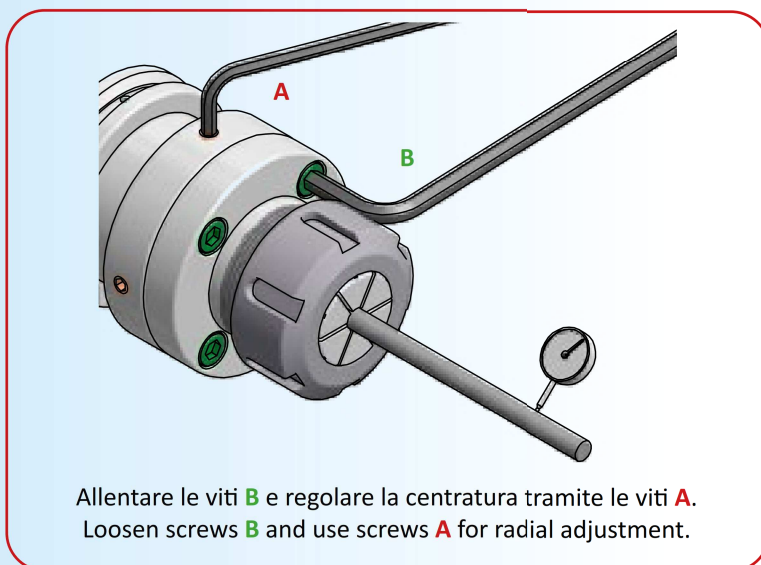
SHANK  
DIMENSIONS



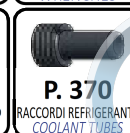
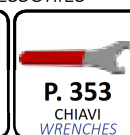
Articolo	H	A	Collets Range	Ghiera Nut
<b>HSK63A.H100.ERC16RG</b>	100	28	1÷10	G16SE
<b>HSK63A.H102.ERC20RG</b>	102	34	1÷14	G20SE
<b>HSK63A.H103.ERC25RG</b>	103	42	1÷20	G25S
<b>HSK63A.H104.ERC32RG</b>	104	50	2÷22	G32S
<b>HSK63A.H138.ERC40RG</b>	138	63	3÷30	G40S

**Centratura regolabile 0,1mm**  
*Adjustable runout 0,1mm*

Articolo	H	A	Collets Range	Ghiera Nut
<b>HSK100A.H103.ERC16RG</b>	103	28	1÷10	G16SE
<b>HSK100A.H105.ERC20RG</b>	105	34	1÷14	G20SE
<b>HSK100A.H106.ERC25RG</b>	106	42	1÷20	G25S
<b>HSK100A.H107.ERC32RG</b>	107	50	2÷22	G32S
<b>HSK100A.H141.ERC40RG</b>	141	63	3÷30	G40S



**ACCESSORI - ACCESSORIES**





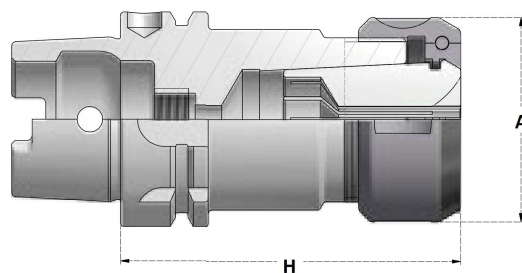
DIN 69893-1

HSK A

EOC

DIN ISO 10897(DIN6388)

**MANDRINI PORTAPINZA EOC**  
EOC COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

**G6,3**

15000, r.p.m.

Articolo	H	A	Collets Range	Ghiera Nut
<b>HSK63A.H100.EOC16</b>	100	43	2÷16	G16OCC
<b>HSK63A.H100.EOC25</b>	100	60	2÷25	G25OCC
<b>HSK63A.H130.EOC32</b>	130	72	3÷32	G32OCC

**G6,3**

15000, r.p.m.

Articolo	H	A	Collets Range	Ghiera Nut
<b>HSK100A.H110.EOC16</b>	110	43	2÷16	G16OCC
<b>HSK100A.H120.EOC25</b>	120	60	2÷25	G25OCC
<b>HSK100A.H130.EOC32</b>	130	72	3÷32	G32OCC

ACCESSORI - ACCESSORIES



DIN 69893-1

HSK A

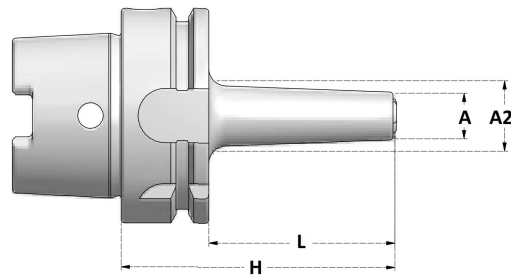
P8

**MANDRINI PORTAPINZA P8**

*P8 SLIM FIT COLLET CHUCKS*

DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

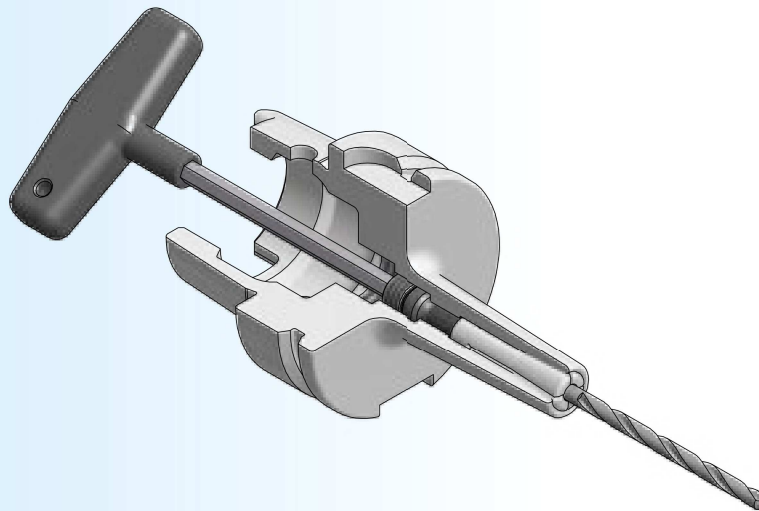


**G2,5**

25000 rpm

Articolo	H	L	A	A2	Collets Range
<b>HSK63A.H80.P8</b>	80	54	14	17	3÷6
<b>HSK100A.H120.P8</b>	120	94	14	17	3÷6

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



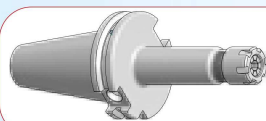
**ACCESSORI - ACCESSORIES**



**DIN ISO 7388 (DIN69871) - TC**

**MANDRINI PORTAPINZA ER  
ER COLLET CHUCKS**

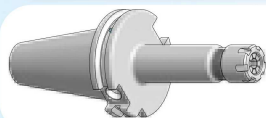
DIN ISO 15488 (DIN6499)



**MANDRINI PORTAPINZA ER A DOPPIO CONTATTO  
GHIERE MINI**  
DOUBLE CONTACT COLLET CHUCKS ER  
MINI NUTS

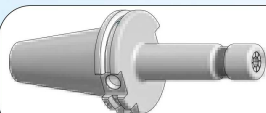
PAG. 49

G2,5



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

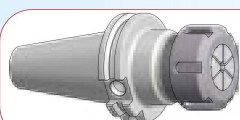
PAG. 50



**MANDRINI PORTAPINZA ER PER ALTA VELOCITA'  
GHIERE MINI SENZA TACCHE**  
COLLET CHUCKS ER FOR HIGH SPEED  
MINI NOTCH FREE NUTS

PAG. 51

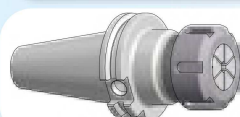
G2,5



**MANDRINI PORTAPINZA ER A DOPPIO CONTATTO  
GHIERE STANDARD**  
DOUBLE CONTACT COLLET CHUCKS ER  
STANDARD NUTS

PAG. 52

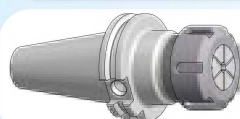
G2,5



**MANDRINI PORTAPINZA ER - FORMA AD  
GHIERE STANDARD**  
COLLET CHUCKS ER - AD FORM  
STANDARD NUTS

PAG. 53

G6,3



**MANDRINI PORTAPINZA ER - FORMA AD+B  
GHIERE STANDARD**  
COLLET CHUCKS ER - FORM AD+B  
STANDARD NUTS

PAG. 54-55

G6,3



**MANDRINI PORTAPINZA ER PER ALTA VELOCITA'  
GHIERE STANDARD SENZA TACCHE**  
COLLET CHUCKS ER FOR HIGH SPEED  
STANDARD NOTCH FREE NUTS

PAG. 56

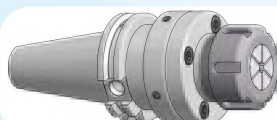
G2,5



**MANDRINI PORTAPINZA ER - EXTRACORTI  
GHIERE CON FILETTATURA ESTERNA**  
COLLET CHUCKS ER - STUB LENGTH  
EXTERNALLY THREADED NUTS

PAG. 57

G6,3



**MANDRINI PORTAPINZA ER A CENTRATURA REGOLABILE  
GHIERE STANDARD SENZA TACCHE**  
COLLET CHUCKS ER FOR HIGH SPEED  
STANDARD NOTCH FREE NUTS

PAG. 58

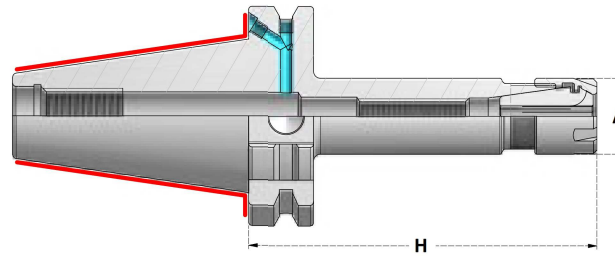
G6,3


**MANDRINI A DOPPIO CONTATTO PORTAPINZA ER**


*DOUBLE CONTACT ER COLLET CHUCKS*

DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

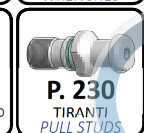
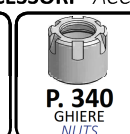


G2,5 25000, ip.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		DTCB40.H100.ERC11M	100	16	1÷7
	DTCB40.H100.ERC16M	100	22	1÷10	G16M
	DTCB40.H100.ERC20M	100	28	1÷14	G20M

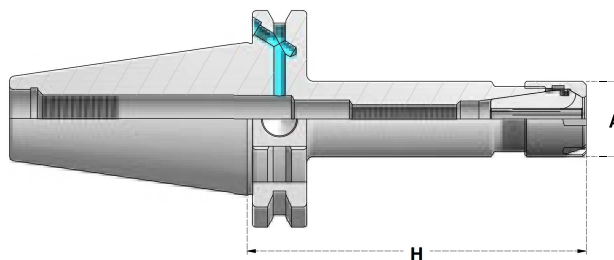
G2,5 25000, ip.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		DTCB50.H100.ERC11M	100	16	1÷7
	DTCB50.H100.ERC16M	100	22	1÷10	G16M
	DTCB50.H100.ERC20M	100	28	1÷14	G20M



ACCESSORI - ACCESSORIES



**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS

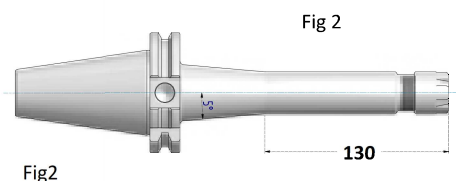


Articolo	H	A	Collets Range	Ghiera Nut
TC30.H100.ERC8M	100	12	1÷5	G8M
TC30.H100.ERC11M	100	16	1÷7	G11M
TC30.H100.ERC16M	100	22	1÷10	G16M
TC30.H100.ERC20M	100	28	1÷14	G20M
TC30.H100.ERC25M	100	35	1÷20	G25M



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

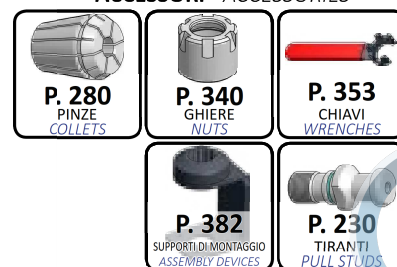
\* =Fig2



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

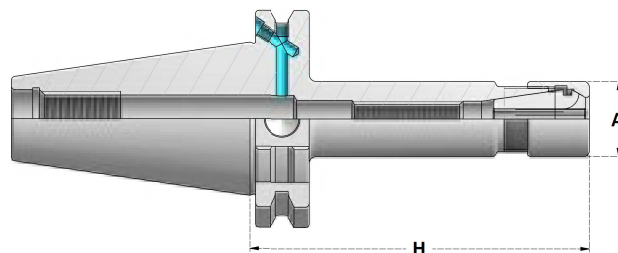




**MANDRINI PORTAPINZA ER PER ALTE VELOCITA'**  
ER COLLET CHUCKS FOR HIGH SPEEDS

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
	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

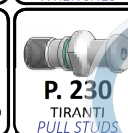
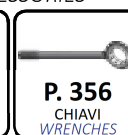


GHIERE **MINI** SENZA TACCHE  
NOTCH-FREE **MINI NUTS**

G2,5 25000 r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		TCB40.H100.ERC11MNF	100	16	1÷7
	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

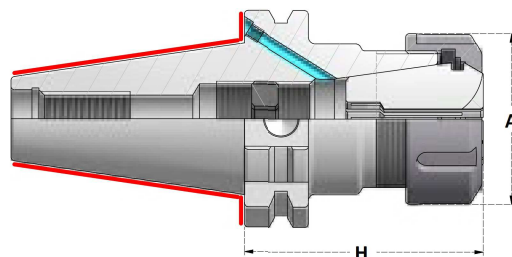
**ALTRI A RICHIESTA**  
OTHERS ON REQUEST

ACCESSORI - ACCESSORIES



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

DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS



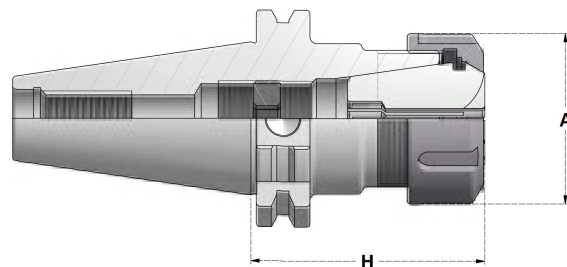
Articolo	H	A	Collets Range	Ghiera Nut
DTCB40.H70.ERC16	70	28	1÷10	G16SE
DTCB40.H100.ERC16	100	28	1÷10	G16SE
DTCB40.H70.ERC20	70	34	1÷14	G20SE
DTCB40.H100.ERC20	100	34	1÷14	G20SE
DTCB40.H70.ERC25	70	42	1÷20	G25S
DTCB40.H100.ERC25	100	42	1÷20	G25S
DTCB40.H70.ERC32	70	50	2÷22	G32S
DTCB40.H100.ERC32	100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



**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

G6,3 15000 p.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
		TC30.H63.ERC16	63	28	1÷10
	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

G6,3 12000 p.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
		TC40.H70.ERC16	70	28	1÷10
	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

G6,3 8000 p.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
		TC50.H80.ERC32	80	50	2÷22
	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

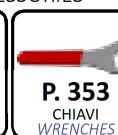
ACCESSORI - ACCESSORIES



P. 280  
PINZE  
COLLETS



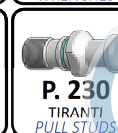
P. 341  
GHIERE  
NUTS



P. 353  
CHIAVI  
WRENCHES



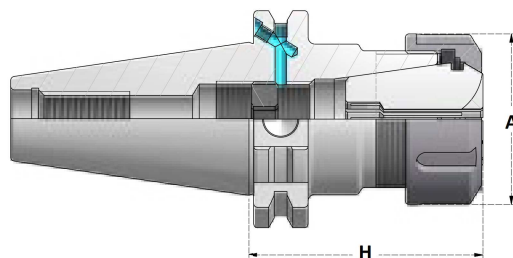
P. 382  
SUPPORTI DI MONTAGGIO  
ASSEMBLY DEVICES



P. 230  
TIRANTI  
PULL STUDS



**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS



Articolo	H	A	Collets Range	Ghiera Nut
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



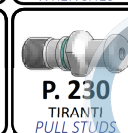
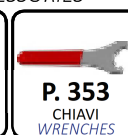
GHIERE **STANDARD** ESAGONALI  
HEXAGONAL **STANDARD** NUTS

S



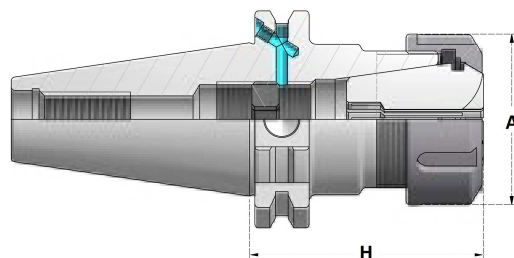
GHIERE **STANDARD** CON TACCHE  
**STANDARD** NUTS WITH SLOTS

ACCESSORI - ACCESSORIES





**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS

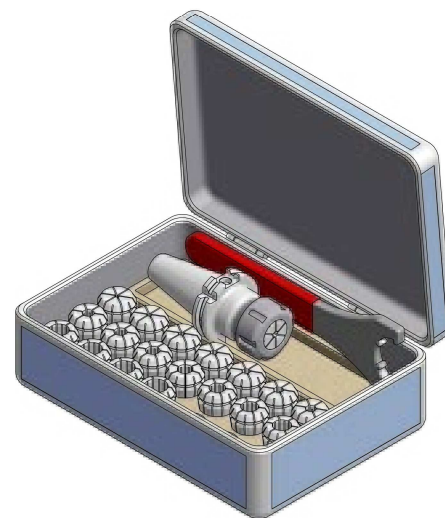


DIMENSIONI  
DELL'ATTACCO

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



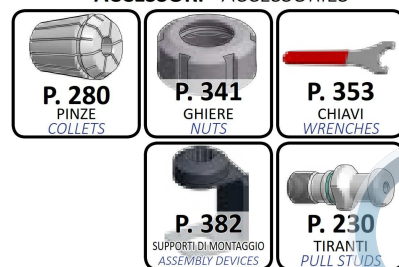
**KIT - MANDRINO, CHIAVE E PINZE**

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

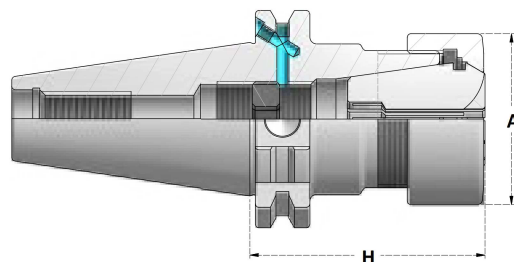
**ALTRI A RICHIESTA**  
OTHERS ON REQUEST

**ACCESSORI - ACCESSORIES**





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



DIMENSIONI  
DELL'ATTACCO  
  
SHANK  
DIMENSIONS

**G2,5** 25000 p.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

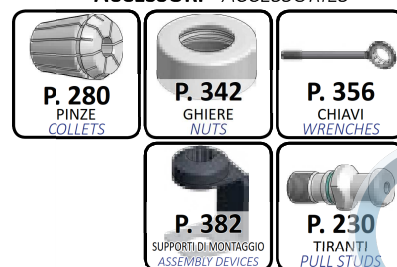


**G2,5** 25000 p.p.m.  
AD+B

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*

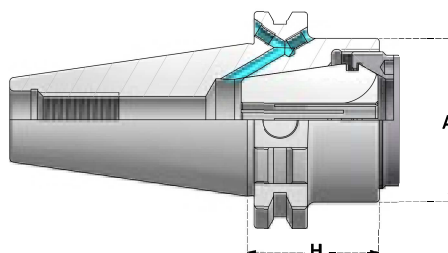
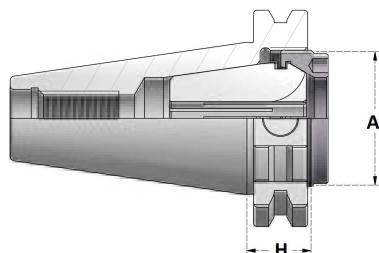
**ACCESSORI - ACCESSORIES**



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

DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS



**G6,3**  
15000 p.p.m.



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

**G6,3**  
15000 p.p.m.



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

**G6,3**  
15000 p.p.m.



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

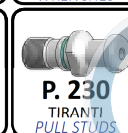
**G6,3**  
15000 p.p.m.



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

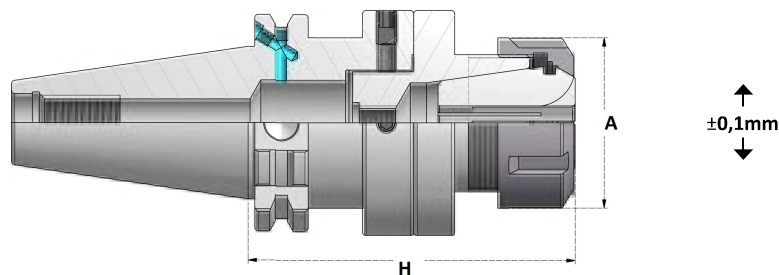


**ACCESSORI - ACCESSORIES**



**MANDRINI PORTAPINZA ER A CENTRATURA REGOLABILE**  
*RUNOUT ADJUSTABLE ER COLLET CHUCKS*

DIMENSIONI  
DELL'ATTACCO  
  
SHANK  
DIMENSIONS

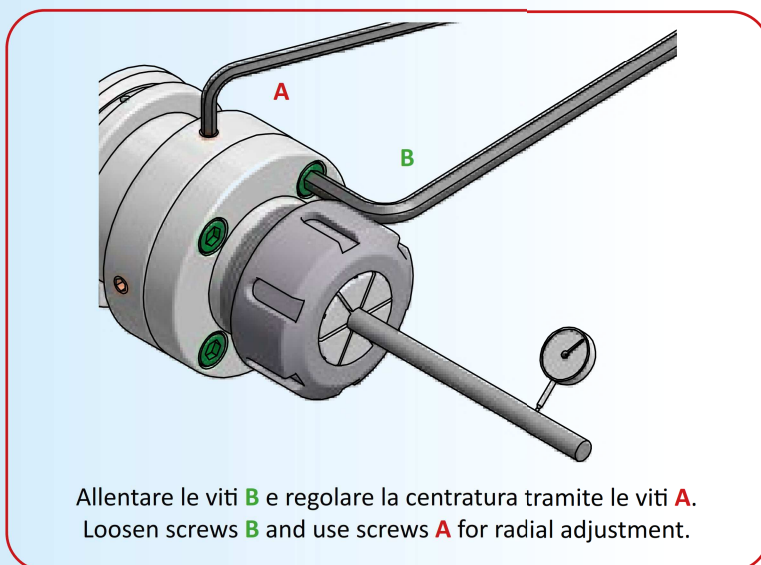


Articolo	H	A	Collets Range	Ghiera Nut
TCB40.H93.ERC16RG	93	28	1÷10	G16SE
TCB40.H95.ERC20RG	95	34	1÷14	G20SE
TCB40.H96.ERC25RG	96	42	1÷20	G25S
TCB40.H97.ERC32RG	97	50	2÷22	G32S
TCB40.H131.ERC40RG	131	63	3÷30	G40S

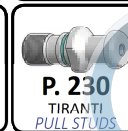
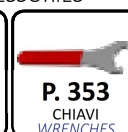
Centratura regolabile 0,1mm  
*Adjustable runout 0,1mm*



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



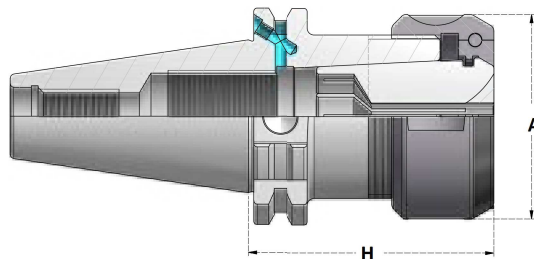
ACCESSORI - ACCESSORIES



**MANDRINI PORTAPINZA EOC**  
EOC COLLET CHUCKS

DIMENSIONI  
DELL'ATTACCO

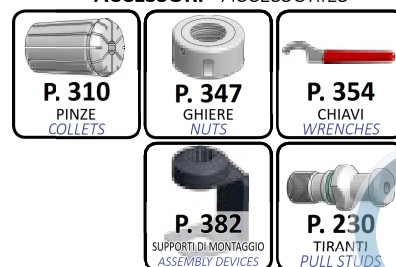
SHANK  
DIMENSIONS



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

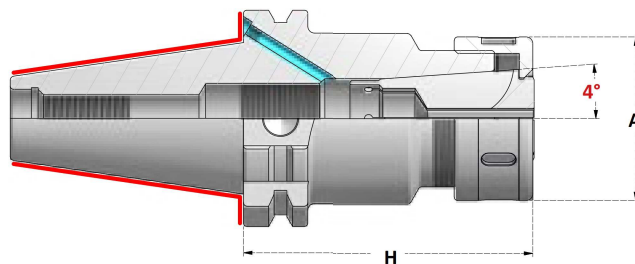
G6,3 15000 r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
	TCB50.H70.EOC16	70	43	2÷16	G16OCC
TCB50.H70.EOC25	70	60	2÷25	G25OCC	
TCB50.H80.EOC32	80	72	3÷32	G32OCC	

ACCESSORI - ACCESSORIES



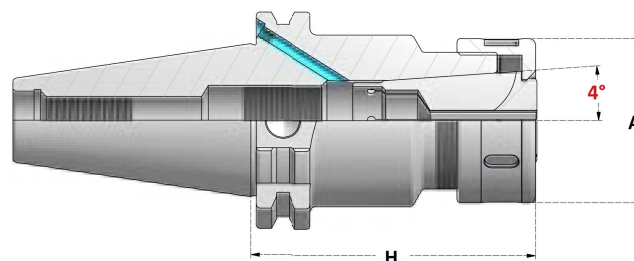
**MANDRINI A DOPPIO CONTATTO PORTAPINZA SKS**  
*DOUBLE CONTACT SKS COLLET CHUCKS*

DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS



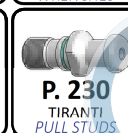
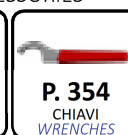
G2,5 25000.r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>DTCB40.H90.SKS10</b>	90	30	2÷10
	<b>DTCB40.H90.SKS16</b>	90	40	3÷16	G16SKS
	<b>DTCB40.H90.SKS20</b>	90	48,5	3÷20	G20SKS
	<b>DTCB40.H90.SKS25</b>	90	55,1	3÷25	G25SKS

**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
	<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





DIN ISO 7388 (DIN69871)

TC

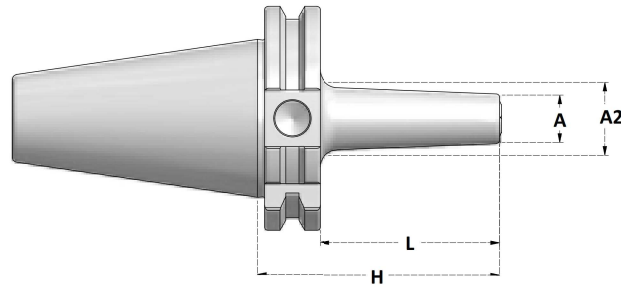
P8

**MANDRINI PORTAPINZA P8**

*P8 SLIM FIT COLLET CHUCKS*

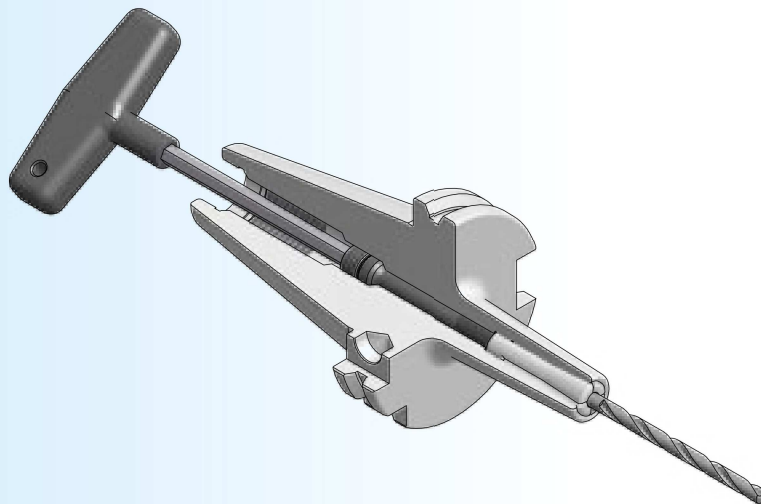
DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

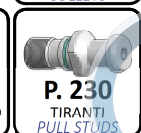


G2,5 25000 ip.m. AD	Articolo	H	L	A	A2	Collets Range
		<b>TC40.H70.P8</b>	70	36	14	17
	<b>TC50.H70.P8</b>	70	36	14	17	3+6

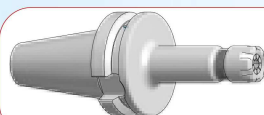
**ALTRI A RICHIESTA**  
*OTHERS ON REQUEST*



ACCESSORI - ACCESSORIES



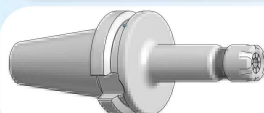
**MAS 403 (JIS B 6339) - BT**



**MANDRINI PORTAPINZA ER A DOPPIO CONTATTO  
GHIERE MINI**  
*DOUBLE CONTACT COLLET CHUCKS ER  
MINI NUTS*

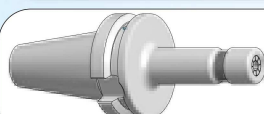
PAG. 110

G2,5



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

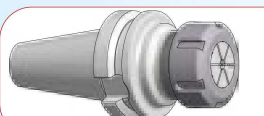
PAG. 111



**MANDRINI PORTAPINZA ER PER ALTA VELOCITA'  
GHIERE MINI SENZA TACCHE**  
*COLLET CHUCKS ER FOR HIGH SPEED  
MINI NOTCH FREE NUTS*

PAG. 112

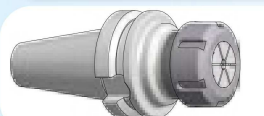
G2,5



**MANDRINI PORTAPINZA ER A DOPPIO CONTATTO  
GHIERE STANDARD**  
*DOUBLE CONTACT COLLET CHUCKS ER  
STANDARD NUTS*

PAG. 113

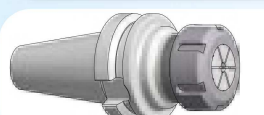
G2,5



**MANDRINI PORTAPINZA ER - FORMA AD  
GHIERE STANDARD**  
*COLLET CHUCKS ER - AD FORM  
STANDARD NUTS*

PAG. 114

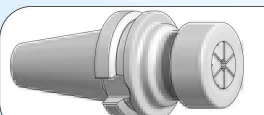
G6,3



**MANDRINI PORTAPINZA ER - FORMA AD+B  
GHIERE STANDARD**  
*COLLET CHUCKS ER - FORM AD+B  
STANDARD NUTS*

PAG. 115-116

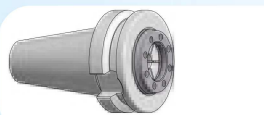
G6,3



**MANDRINI PORTAPINZA ER PER ALTA VELOCITA'  
GHIERE STANDARD SENZA TACCHE**  
*COLLET CHUCKS ER FOR HIGH SPEED  
STANDARD NOTCH FREE NUTS*

PAG. 117

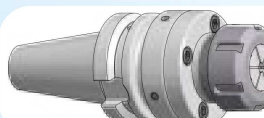
G2,5



**MANDRINI PORTAPINZA ER - EXTRACORTI  
GHIERE CON FILETTATURA ESTERNA**  
*COLLET CHUCKS ER - STUB LENGTH  
EXTERNALLY THREADED NUTS*

PAG. 118

G6,3



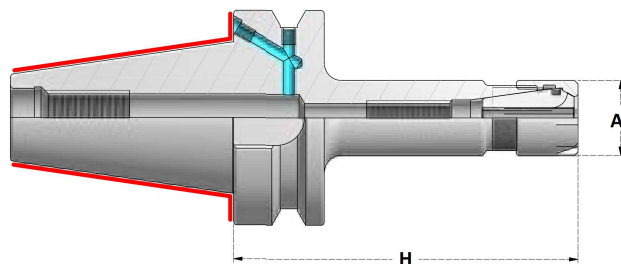
**MANDRINI PORTAPINZA ER A CENTRATURA REGOLABILE  
GHIERE STANDARD SENZA TACCHE**  
*COLLET CHUCKS ER FOR HIGH SPEED  
STANDARD NOTCH FREE NUTS*

PAG. 119

G6,3

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

DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS



G2,5 25000.p.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
		DBT30.H70.ERC11M	70	16	1÷7
	DBT30.H100.ERC11M	100	16	1÷7	G11M
	DBT30.H70.ERC16M	70	22	1÷10	G16M
	DBT30.H100.ERC16M	100	22	1÷10	G16M
	DBT30.H70.ERC20M	70	28	1÷14	G20M
	DBT30.H100.ERC20M	100	28	1÷14	G20M

G2,5 25000.p.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		DBTB40.H70.ERC11M	70	16	1÷7
	DBTB40.H100.ERC11M	100	16	1÷7	G11M
	DBTB40.H70.ERC16M	70	22	1÷10	G16M
	DBTB40.H100.ERC16M	100	22	1÷10	G16M
	DBTB40.H70.ERC20M	70	28	1÷14	G20M
	DBTB40.H100.ERC20M	100	28	1÷14	G20M

G2,5 25000.p.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		DBTB50.H100.ERC11M	100	16	1÷7
	DBTB50.H100.ERC16M	100	22	1÷10	G16M
	DBTB50.H100.ERC20M	100	28	1÷14	G20M



**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	



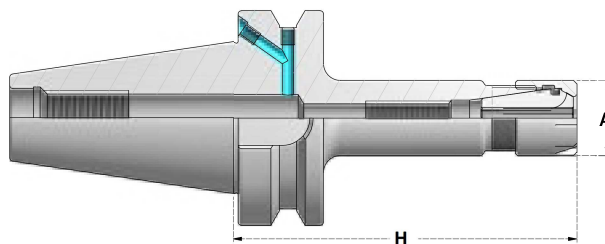
MAS 403 (JIS B 6339)

BT

ERC MINI

DIN ISO 15488 (DIN6499)

**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



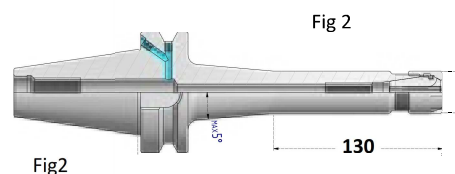
DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS

G6,3 15000, p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BT30.H100.ERC8M</b>	100	12	1÷5
	<b>BT30.H100.ERC11M</b>	100	16	1÷7	G11M
	<b>BT30.H100.ERC16M</b>	100	22	1÷10	G16M
	<b>BT30.H100.ERC20M</b>	100	28	1÷14	G20M
	<b>BT30.H100.ERC25M</b>	100	35	1÷20	G25M



G6,3 15000, p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BTB40.H100.ERC11M</b>	100	16	1÷7
	<b>BTB40.H130.ERC11M</b>	130	16	1÷7	G11M
	<b>BTB40.H160.ERC11M</b>	160	16	1÷7	G11M
	<b>BTB40.H100.ERC16M</b>	100	22	1÷10	G16M
	<b>BTB40.H130.ERC16M</b>	130	22	1÷10	G16M
	<b>BTB40.H160.ERC16M</b>	160	22	1÷10	G16M
	* <b>BTB40.H200.ERC16M</b>	200	22	1÷10	G16M
	<b>BTB40.H100.ERC20M</b>	100	28	1÷14	G20M
	<b>BTB40.H130.ERC20M</b>	130	28	1÷14	G20M
	<b>BTB40.H160.ERC20M</b>	160	28	1÷14	G20M
	<b>BTB40.H200.ERC20M</b>	200	28	1÷14	G20M
	<b>BTB40.H100.ERC25M</b>	100	35	1÷20	G25M
	<b>BTB40.H130.ERC25M</b>	130	35	1÷20	G25M
	<b>BTB40.H160.ERC25M</b>	160	35	1÷20	G25M
	<b>BTB40.H200.ERC25M</b>	200	35	1÷20	G25M

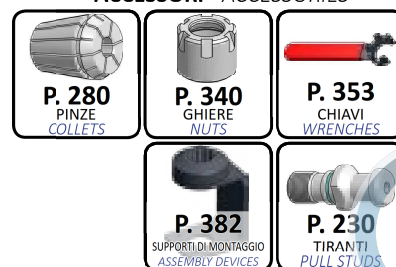
\* =Fig2



G6,3 15000, p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BTB50.H100.ERC16M</b>	100	22	1÷10
	<b>BTB50.H130.ERC16M</b>	130	22	1÷10	G16M
	<b>BTB50.H160.ERC16M</b>	160	22	1÷10	G16M
	* <b>BTB50.H200.ERC16M</b>	200	22	1÷10	G16M
	<b>BTB50.H100.ERC20M</b>	100	28	1÷14	G20M
	<b>BTB50.H130.ERC20M</b>	130	28	1÷14	G20M
	<b>BTB50.H160.ERC20M</b>	160	28	1÷14	G20M
	<b>BTB50.H200.ERC20M</b>	200	28	1÷14	G20M
	<b>BTB50.H100.ERC25M</b>	100	35	1÷20	G25M
	<b>BTB50.H130.ERC25M</b>	130	35	1÷20	G25M
	<b>BTB50.H160.ERC25M</b>	160	35	1÷20	G25M
	<b>BTB50.H200.ERC25M</b>	200	35	1÷20	G25M

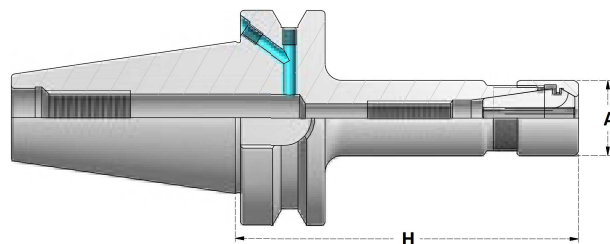
\* =Fig2

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
		BT30.H100.ERC8MNF	100	12	1÷5
	BT30.H100.ERC11MNF	100	16	1÷7	G11MNF
	BT30.H100.ERC16MNF	100	22	1÷10	G16MNF
	BT30.H100.ERC20MNF	100	28	1÷14	G20MNF
	BT30.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
		BTB40.H100.ERC11MNF	100	16	1÷7
	BTB40.H130.ERC11MNF	130	16	1÷7	G11MNF
	BTB40.H160.ERC11MNF	160	16	1÷7	G11MNF
	BTB40.H100.ERC16MNF	100	22	1÷10	G16MNF
	BTB40.H130.ERC16MNF	130	22	1÷10	G16MNF
	BTB40.H160.ERC16MNF	160	22	1÷10	G16MNF
	BTB40.H100.ERC20MNF	100	28	1÷14	G20MNF
	BTB40.H130.ERC20MNF	130	28	1÷14	G20MNF
	BTB40.H160.ERC20MNF	160	28	1÷14	G20MNF
	BTB40.H100.ERC25MNF	100	35	1÷20	G25MNF
	BTB40.H130.ERC25MNF	130	35	1÷20	G25MNF
	BTB40.H160.ERC25MNF	160	35	1÷20	G25MNF

**ALTRI A RICHIESTA**  
OTHERS ON REQUEST

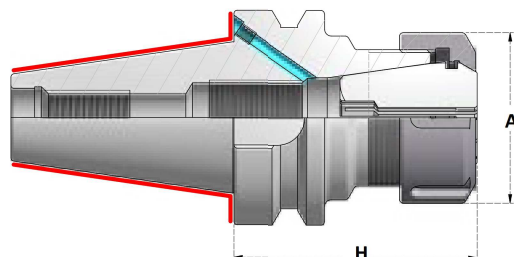
ACCESSORI - ACCESSORIES

 <b>P. 280</b> PINZE COLLETS	 <b>P. 342</b> GHIERE NUTS	 <b>P. 356</b> CHIAVI WRENCHES
 <b>P. 382</b> SUPPORTI DI MONTAGGIO ASSEMBLY DEVICES	 <b>P. 230</b> TIRANTI PULL STUDS	



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

DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS



Articolo	H	A	Collets Range	Ghiera Nut
DBT30.H70.ERC16	70	28	1÷10	G16SE
DBT30.H70.ERC20	70	34	1÷14	G20SF
DBT30.H70.ERC25	70	42	1÷20	G25S
DBT30.H70.ERC32	70	50	2÷22	G32S
DBT30.H80.ERC40	80	63	3÷30	G40S



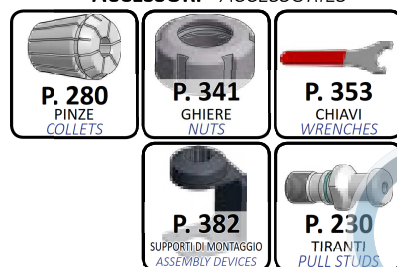
Articolo	H	A	Collets Range	Ghiera Nut
DBTB40.H70.ERC16	70	28	1÷10	G16SE
DBTB40.H100.ERC16	100	28	1÷10	G16SE
DBTB40.H70.ERC20	70	34	1÷14	G20SE
DBTB40.H100.ERC20	100	34	1÷14	G20SE
DBTB40.H70.ERC25	70	42	1÷20	G25S
DBTB40.H100.ERC25	100	42	1÷20	G25S
DBTB40.H70.ERC32	70	50	2÷22	G32S
DBTB40.H100.ERC32	100	50	2÷22	G32S
DBTB40.H70.ERC40	70	63	3÷30	G40S
DBTB40.H100.ERC40	100	63	3÷30	G40S



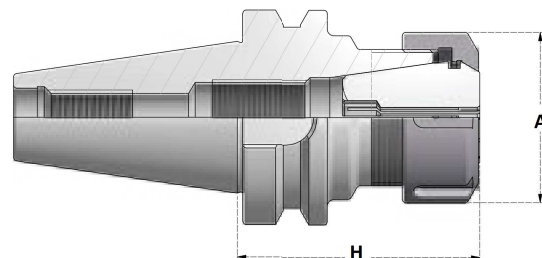
Articolo	H	A	Collets Range	Ghiera Nut
DBTB50.H80.ERC16	80	28	1÷10	G16SE
DBTB50.H100.ERC16	100	28	1÷10	G16SE
DBTB50.H80.ERC20	80	34	1÷14	G20SE
DBTB50.H100.ERC20	100	34	1÷14	G20SE
DBTB50.H80.ERC25	80	42	1÷20	G25S
DBTB50.H100.ERC25	100	42	1÷20	G25S
DBTB50.H80.ERC32	80	50	2÷22	G32S
DBTB50.H100.ERC32	100	50	2÷22	G32S
DBTB50.H130.ERC32	130	50	2÷22	G32S
DBTB50.H160.ERC32	160	50	2÷22	G32S
DBTB50.H200.ERC32	200	50	2÷22	G32S
DBTB50.H80.ERC40	80	63	3÷30	G40S
DBTB50.H100.ERC40	100	63	3÷30	G40S



ACCESSORI - ACCESSORIES



**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

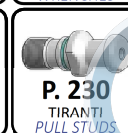
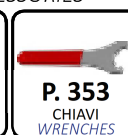
G6,3 15000 r.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BT30.H55.ERC16</b>	55	28	1÷10
	<b>BT30.H70.ERC16</b>	70	28	1÷10	G16SE
	<b>BT30.H100.ERC16</b>	100	28	1÷10	G16SE
	<b>BT30.H70.ERC20</b>	70	34	1÷14	G20SE
	<b>BT30.H100.ERC20</b>	100	34	1÷14	G20SE
	<b>BT30.H70.ERC25</b>	70	42	1÷20	G25S
	<b>BT30.H100.ERC25</b>	100	42	1÷20	G25S
	<b>BT30.H70.ERC32</b>	70	50	2÷22	G32S
	<b>BT30.H100.ERC32</b>	100	50	2÷22	G32S
	<b>BT30.H80.ERC40</b>	80	63	3÷30	G40S
	<b>BT30.H100.ERC40</b>	100	63	3÷30	G40S



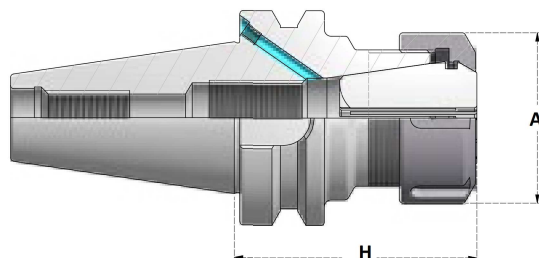
G6,3 12000 r.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BT40.H70.ERC16</b>	70	28	1÷10
	<b>BT40.H70.ERC25</b>	70	42	1÷20	G25S
	<b>BT40.H70.ERC32</b>	70	50	2÷22	G32S
	<b>BT40.H100.ERC32</b>	100	50	2÷22	G32S
	<b>BT40.H80.ERC40</b>	80	63	3÷30	G40S
	<b>BT40.H100.ERC40</b>	100	63	3÷30	G40S

G6,3 8000 r.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BT50.H80.ERC32</b>	80	50	2÷22
	<b>BT50.H100.ERC32</b>	100	50	2÷22	G32S
	<b>BT50.H80.ERC40</b>	80	63	3÷30	G40S

ACCESSORI - ACCESSORIES



**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS



Articolo	H	A	Collets Range	Ghiera Nut
BTB40.H70.ERC16	70	28	1÷10	G16SE
BTB40.H100.ERC16	100	28	1÷10	G16SE
BTB40.H130.ERC16	130	28	1÷10	G16SE
BTB40.H160.ERC16	160	28	1÷10	G16SE
BTB40.H200.ERC16	200	28	1÷10	G16SE
BTB40.H70.ERC20	70	34	1÷14	G20SE
BTB40.H100.ERC20	100	34	1÷14	G20SE
BTB40.H130.ERC20	130	34	1÷14	G20SE
BTB40.H160.ERC20	160	34	1÷14	G20SE
BTB40.H200.ERC20	200	34	1÷14	G20SE
BTB40.H70.ERC25	70	42	1÷20	G25S
BTB40.H100.ERC25	100	42	1÷20	G25S
BTB40.H130.ERC25	130	42	1÷20	G25S
BTB40.H160.ERC25	160	42	1÷20	G25S
BTB40.H200.ERC25	200	42	1÷20	G25S
BTB40.H70.ERC32	70	50	2÷22	G32S
BTB40.H100.ERC32	100	50	2÷22	G32S
BTB40.H130.ERC32	130	50	2÷22	G32S
BTB40.H160.ERC32	160	50	2÷22	G32S
BTB40.H200.ERC32	200	50	2÷22	G32S
BTB40.H70.ERC40	70	63	3÷30	G40S
BTB40.H100.ERC40	100	63	3÷30	G40S
BTB40.H130.ERC40	130	63	3÷30	G40S
BTB40.H160.ERC40	160	63	3÷30	G40S
BTB40.H200.ERC40	200	63	3÷30	G40S
BTB40.H85.ERC50	85	78	6÷34	G50S

SE



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

S



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

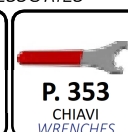
ACCESSORI - ACCESSORIES



P. 280  
PINZE  
COLLETS



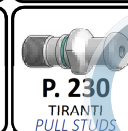
P. 341  
GHIERE  
NUTS



P. 353  
CHIAVI  
WRENCHES



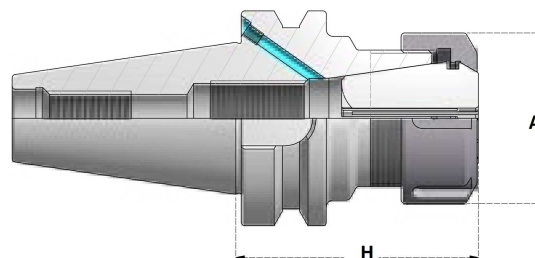
P. 382  
SUPPORTI DI MONTAGGIO  
ASSEMBLY DEVICES



P. 230  
TIRANTI  
PULL STUDS



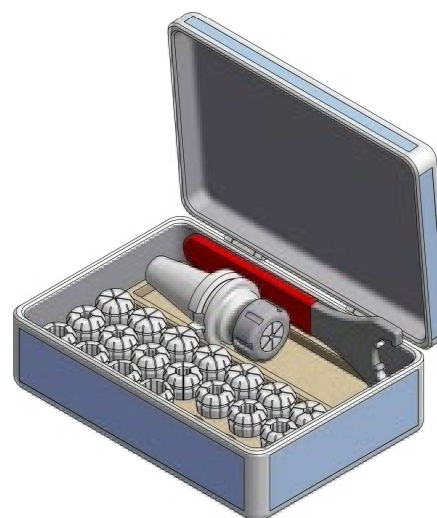
**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS



Articolo	H	A	Collets Range	Ghiera Nut
BTB50.H80.ERC16	80	28	1÷10	G16SE
BTB50.H100.ERC16	100	28	1÷10	G16SE
BTB50.H130.ERC16	130	28	1÷10	G16SE
BTB50.H160.ERC16	160	28	1÷10	G16SE
BTB50.H200.ERC16	200	28	1÷10	G16SE
BTB50.H80.ERC20	80	34	1÷14	G20SE
BTB50.H100.ERC20	100	34	1÷14	G20SE
BTB50.H130.ERC20	130	34	1÷14	G20SE
BTB50.H160.ERC20	160	34	1÷14	G20SE
BTB50.H200.ERC20	200	34	1÷14	G20SE
BTB50.H80.ERC25	80	42	1÷20	G25S
BTB50.H100.ERC25	100	42	1÷20	G25S
BTB50.H130.ERC25	130	42	1÷20	G25S
BTB50.H160.ERC25	160	42	1÷20	G25S
BTB50.H200.ERC25	200	42	1÷20	G25S
BTB50.H80.ERC32	80	50	2÷22	G32S
BTB50.H100.ERC32	100	50	2÷22	G32S
BTB50.H130.ERC32	130	50	2÷22	G32S
BTB50.H160.ERC32	160	50	2÷22	G32S
BTB50.H200.ERC32	200	50	2÷22	G32S
BTB50.H250.ERC32	250	50	2÷22	G32S
BTB50.H80.ERC40	80	63	3÷30	G40S
BTB50.H100.ERC40	100	63	3÷30	G40S
BTB50.H130.ERC40	130	63	3÷30	G40S
BTB50.H160.ERC40	160	63	3÷30	G40S
BTB50.H200.ERC40	200	63	3÷30	G40S
BTB50.H250.ERC40	250	63	3÷30	G40S
BTB50.H100.ERC50	100	78	6÷34	G50S
BTB50.H130.ERC50	130	78	6÷34	G50S
BTB50.H160.ERC50	160	78	6÷34	G50S



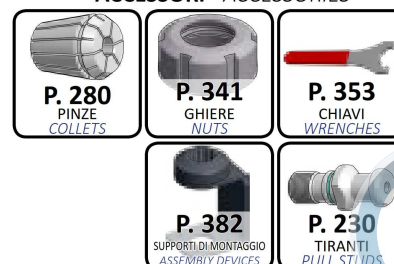
**KIT - MANDRINO, CHIAVE E PINZE**

KIT - TOOLHOLDER, WRENCH AND COLLETS

Articolo	Pinze Collets	Mandrino Toolholder	Chiave Wrench
BX.BT30.ERC32	ERC32.D3+20 x 1,0mm	BT30.H70.ERC32	CH32S
BX.BT40.ERC32	ERC32.D3+20 x 1,0mm	BT40.H70.ERC32	CH32S
BX.BT50.ERC32	ERC32.D3+20 x 1,0mm	BT50.H80.ERC32	CH32S
BX.BT30.ERC40	ERC40.D4+26 x 1,0mm	BT30.H80.ERC40	CH40S
BX.BT40.ERC40	ERC40.D4+26 x 1,0mm	BT40.H70.ERC40	CH40S
BX.BT50.ERC40	ERC40.D4+26 x 1,0mm	BT50.H80.ERC40	CH40S

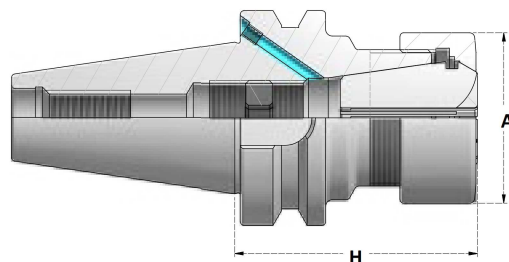
ALTRI A RICHIESTA  
OTHERS ON REQUEST

ACCESSORI - ACCESSORIES









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



DIMENSIONI  
DELL'ATTACCO  
  
SHANK  
DIMENSIONS

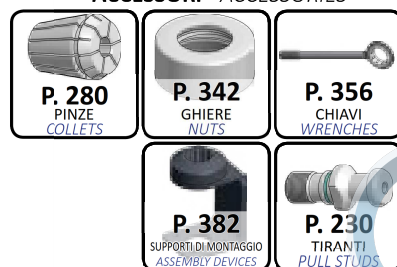
 25000 r.p.m. 	Articolo	H	A	Collets Range	Ghiera Nut
	BT30.H70.ERC16NF	70	32	1÷10	G16NF
	BT30.H70.ERC20NF	70	35	1÷14	G20NF
	BT30.H70.ERC25NF	70	42	1÷20	G25NF
	BT30.H70.ERC32NF	70	50	2÷22	G32NF



 25000 r.p.m. 	Articolo	H	A	Collets Range	Ghiera Nut
	BTB40.H70.ERC16NF	70	32	1÷10	G16NF
	BTB40.H100.ERC16NF	100	32	1÷10	G16NF
	BTB40.H130.ERC16NF	130	32	1÷10	G16NF
	BTB40.H160.ERC16NF	160	32	1÷10	G16NF
	BTB40.H70.ERC20NF	70	35	1÷14	G20NF
	BTB40.H100.ERC20NF	100	35	1÷14	G20NF
	BTB40.H130.ERC20NF	130	35	1÷14	G20NF
	BTB40.H160.ERC20NF	160	35	1÷14	G20NF
	BTB40.H70.ERC25NF	70	42	1÷20	G25NF
	BTB40.H100.ERC25NF	100	42	1÷20	G25NF
	BTB40.H130.ERC25NF	130	42	1÷20	G25NF
	BTB40.H160.ERC25NF	160	42	1÷20	G25NF
	BTB40.H70.ERC32NF	70	50	2÷22	G32NF
	BTB40.H100.ERC32NF	100	50	2÷22	G32NF
	BTB40.H130.ERC32NF	130	50	2÷22	G32NF
	BTB40.H160.ERC32NF	160	50	2÷22	G32NF

ALTRI A RICHIESTA  
OTHERS ON REQUEST

ACCESSORI - ACCESSORIES

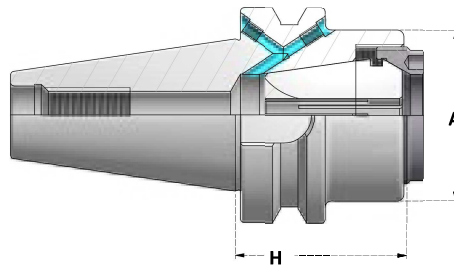
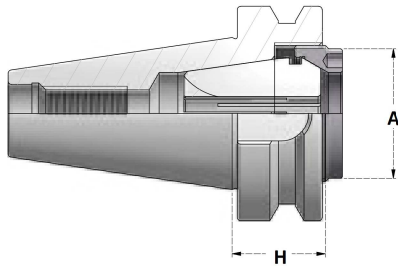




**MANDRINI PORTAPINZA ER - EXTRACORTI**  
ER COLLET CHUCKS - STUB LENGTH

DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS



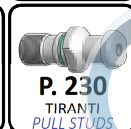
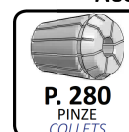
G6,3 15000 r.p.m. AD	Articolo	H	A	Collets Range	Ghiera Nut
	<b>BT40.H29.ERC25A</b>		29	32	1÷20
	<b>BT40.H29.ERC32A</b>	29	40	2÷22	G32A

G6,3 15000 r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
	<b>BTB40.H50.ERC32A</b>		50	50	2÷22

G6,3 15000 r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
	<b>BTB50.H40.ERC32A</b>		40	50	2÷22

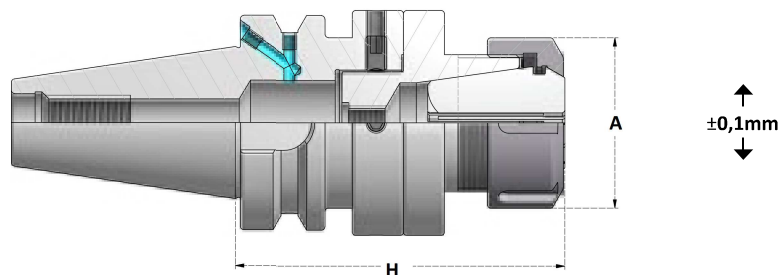


ACCESSORI - ACCESSORIES



**MANDRINI PORTAPINZA ER A CENTRATURA REGOLABILE**  
RUNOUT ADJUSTABLE ER COLLET CHUCKS

DIMENSIONI  
DELL'ATTACCO  
  
SHANK  
DIMENSIONS

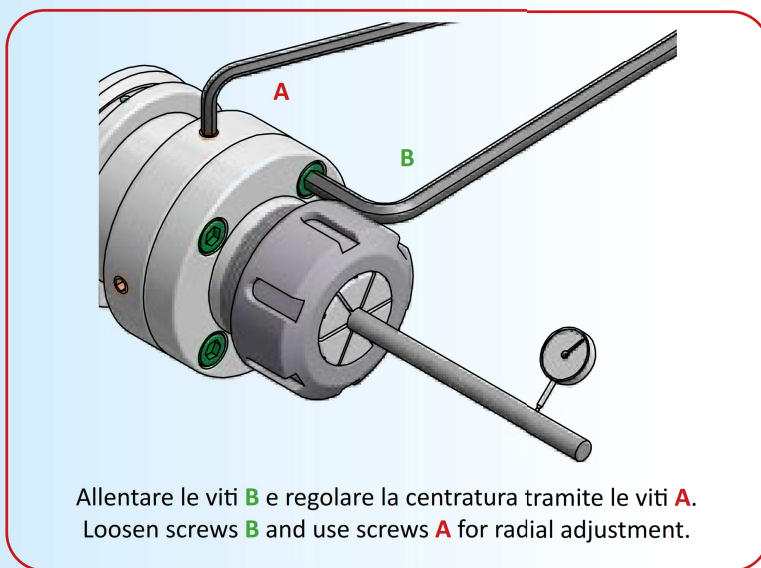


Articolo	H	A	Collets Range	Ghiera Nut
<b>BTB40.H93.ERC16RG</b>	93	28	1÷10	G16SE
<b>BTB40.H95.ERC20RG</b>	95	34	1÷14	G20SE
<b>BTB40.H96.ERC25RG</b>	96	42	1÷20	G25S
<b>BTB40.H97.ERC32RG</b>	97	50	2÷22	G32S
<b>BTB40.H131.ERC40RG</b>	131	63	3÷30	G40S

Centratura regolabile 0,1mm  
Adjustable runout 0,1mm



Articolo	H	A	Collets Range	Ghiera Nut
<b>BTB50.H103.ERC16RG</b>	103	28	1÷10	G16SE
<b>BTB50.H105.ERC20RG</b>	105	34	1÷14	G20SE
<b>BTB50.H106.ERC25RG</b>	106	42	1÷20	G25S
<b>BTB50.H107.ERC32RG</b>	107	50	2÷22	G32S
<b>BTB50.H141.ERC40RG</b>	141	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.

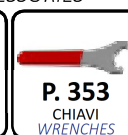
ACCESSORI - ACCESSORIES



**P. 280**  
PINZE  
COLLETS



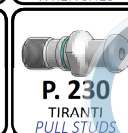
**P. 341**  
GHIERE  
NUTS



**P. 353**  
CHIAVI  
WRENCHES



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



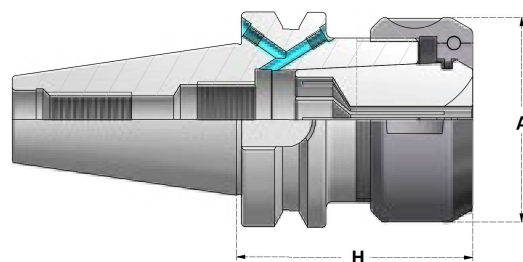
**P. 230**  
TIRANTI  
PULL STUDS





**MANDRINI PORTAPINZA EOC**  
EOC COLLET CHUCKS

DIMENSIONI  
DELL'ATTACCO

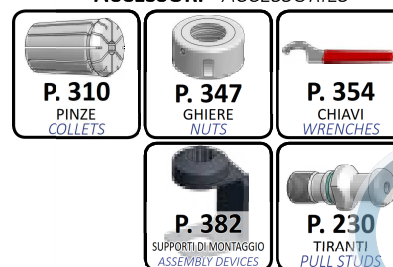
SHANK  
DIMENSIONS



G6,3 15000 r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BTB40.H70.EOC16</b>	70	43	2÷16
	<b>BTB40.H100.EOC16</b>	100	43	2÷16	G16OCC
	<b>BTB40.H70.EOC25</b>	70	60	2÷25	G25OCC
	<b>BTB40.H100.EOC25</b>	100	60	2÷25	G25OCC
	<b>BTB40.H90.EOC32</b>	90	72	3÷32	G32OCC

G6,3 15000 r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BTB50.H70.EOC16</b>	70	43	2÷16
	<b>BTB50.H70.EOC25</b>	70	60	2÷25	G25OCC
	<b>BTB50.H80.EOC32</b>	80	72	3÷32	G32OCC

ACCESSORI - ACCESSORIES



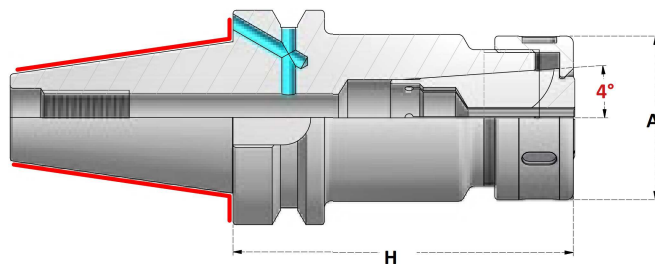
MAS 403 (JIS B 6339)

BT

SKS

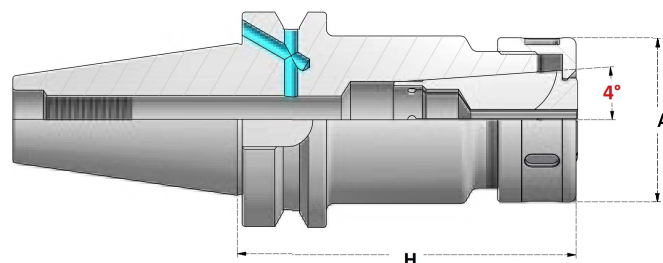
**MANDRINI A DOPPIO CONTATTO PORTAPINZA SKS**  
*DOUBLE CONTACT SKS COLLET CHUCKS*

DIMENSIONI  
DELL'ATTACCO  
SHANK  
DIMENSIONS



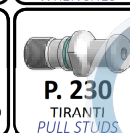
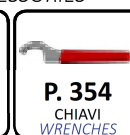
G2,5 25000.r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>DBTB40.H90.SKS10</b>	90	30	2÷10
	<b>DBTB40.H90.SKS16</b>	90	40	3÷16	G16SKS
	<b>DBTB40.H90.SKS20</b>	90	48,5	3÷20	G20SKS
	<b>DBTB40.H90.SKS25</b>	90	55,1	3÷25	G25SKS

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



G2,5 25000.r.p.m. AD+B	Articolo	H	A	Collets Range	Ghiera Nut
		<b>BTB40.H90.SKS10</b>	90	30	2÷10
	<b>BTB40.H90.SKS16</b>	90	40	3÷16	G16SKS
	<b>BTB40.H90.SKS20</b>	90	48,5	3÷20	G20SKS
	<b>BTB40.H90.SKS25</b>	90	55,1	3÷25	G25SKS

ACCESSORI - ACCESSORIES



MAS 403 (JIS B 6339)

BT

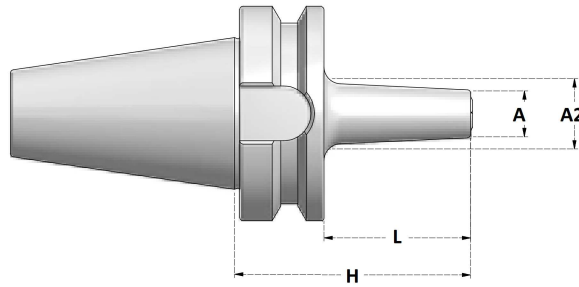
P8

**MANDRINI PORTAPINZA P8**

P8 SLIM FIT COLLET CHUCKS

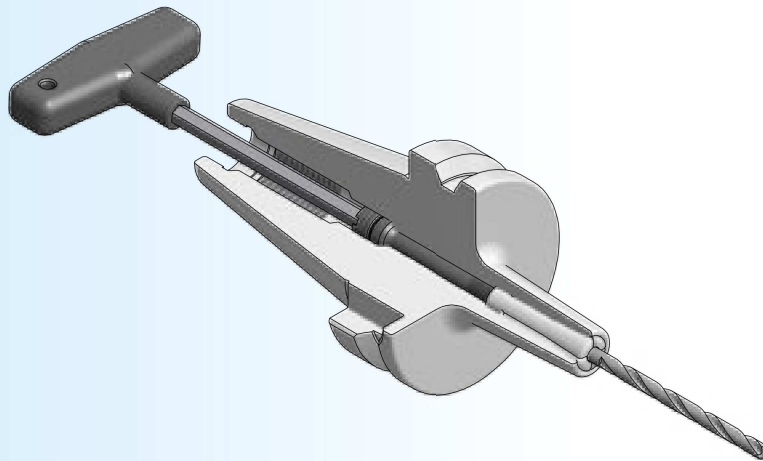
DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS



G2,5 25000 r.p.m.	Articolo	H	L	A	A2	Collets Range
	<b>BT40.H70.P8</b>	70	36	14	17	3+6
	<b>BT50.H70.P8</b>	70	36	14	17	3+6

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



ACCESSORI - ACCESSORIES





DIN 2080

ISO

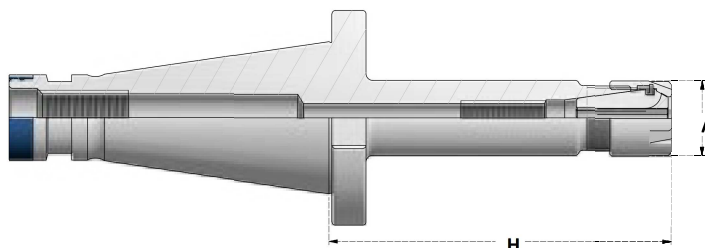
ERC MINI

DIN ISO 15488 (DIN6499)

**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS

DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

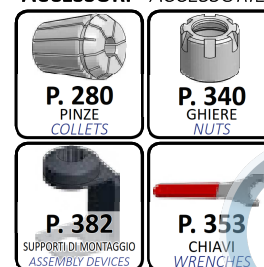


G6,3 8000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
	<b>ISO30.H100.ERC8M</b>	100	12	1÷5	G8M
<b>ISO30.H100.ERC11M</b>	100	16	1÷7	G11M	
<b>ISO30.H100.ERC16M</b>	100	22	1÷10	G16M	
<b>ISO30.H100.ERC20M</b>	100	28	1÷14	G20M	
<b>ISO30.H100.ERC25M</b>	100	35	1÷20	G25M	



G6,3 8000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
	<b>ISO40.H100.ERC11M</b>	100	16	1÷7	G11M
<b>ISO40.H100.ERC16M</b>	100	22	1÷10	G16M	
<b>ISO40.H100.ERC20M</b>	100	28	1÷14	G20M	
<b>ISO40.H100.ERC25M</b>	100	35	1÷20	G25M	

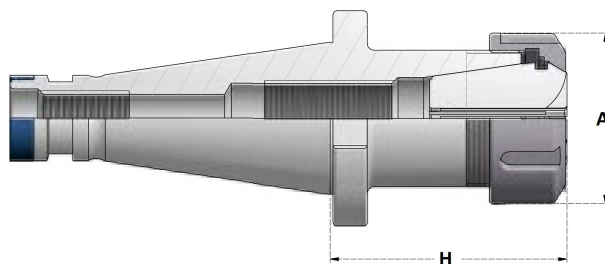
ACCESSORI - ACCESSORIES



**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS

DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS



**G6,3**  
8000 r.p.m.

Articolo	H	A	Collets Range	Ghiera Nut
ISO30.H50.ERC16	50	28	1÷10	G16SE
ISO30.H70.ERC16	70	28	1÷10	G16SE
ISO30.H100.ERC16	100	28	1÷10	G16SE
ISO30.H50.ERC20	50	34	1÷14	G20SE
ISO30.H70.ERC20	70	34	1÷14	G20SE
ISO30.H100.ERC20	100	34	1÷14	G20SE
ISO30.H50.ERC25	50	42	1÷20	G25S
ISO30.H70.ERC25	70	42	1÷20	G25S
ISO30.H100.ERC25	100	42	1÷20	G25S
ISO30.H50.ERC32	50	50	2÷22	G32S
ISO30.H70.ERC32	70	50	2÷22	G32S
ISO30.H100.ERC32	100	50	2÷22	G32S
ISO30.H70.ERC40	70	63	3÷30	G40S
ISO30.H84.ERC40	84	63	3÷30	G40S
ISO30.H100.ERC40	100	63	3÷30	G40S

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

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

**G6,3**  
8000 r.p.m.


Articolo	H	A	Collets Range	Ghiera Nut
ISO40.H50.ERC16	50	28	1÷10	G16SE
ISO40.H70.ERC16	70	28	1÷10	G16SE
ISO40.H100.ERC16	100	28	1÷10	G16SE
ISO40.H50.ERC20	50	34	1÷14	G20SE
ISO40.H70.ERC20	70	34	1÷14	G20SE
ISO40.H100.ERC20	100	34	1÷14	G20SE
ISO40.H50.ERC25	50	42	1÷20	G25S
ISO40.H70.ERC25	70	42	1÷20	G25S
ISO40.H100.ERC25	100	42	1÷20	G25S
ISO40.H130.ERC25	130	42	1÷20	G25S
ISO40.H50.ERC32	50	50	2÷22	G32S
ISO40.H70.ERC32	70	50	2÷22	G32S
ISO40.H100.ERC32	100	50	2÷22	G32S
ISO40.H130.ERC32	130	50	2÷22	G32S
ISO40.H160.ERC32	160	50	2÷22	G32S
ISO40.H56.ERC40	56	63	3÷30	G40S
ISO40.H70.ERC40	70	63	3÷30	G40S
ISO40.H100.ERC40	100	63	3÷30	G40S
ISO40.H130.ERC40	130	63	3÷30	G40S
ISO40.H160.ERC40	160	63	3÷30	G40S
ISO40.H200.ERC40	200	63	3÷30	G40S
ISO40.H100.ERC50	100	78	6÷34	G50S

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**P. 280**  
PINZE  
COLLETS

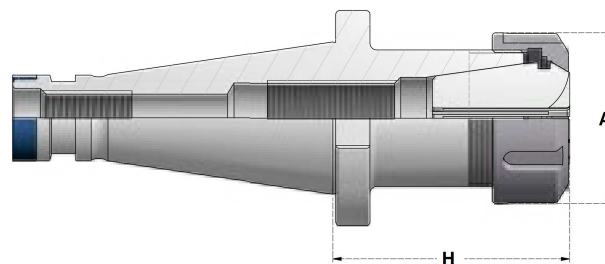
  
**P. 341**  
GHIERE  
NUTS

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

  
**P. 353**  
CHIAVI  
WRENCHES



**MANDRINI PORTAPINZA ER**  
ER COLLET CHUCKS



DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS

**G6,3**  
8000 r.p.m.

Articolo	H	A	Collets Range	Ghiera Nut
ISO50.H70.ERC16	70	28	1÷10	G16SE
ISO50.H100.ERC16	100	28	1÷10	G16SE
ISO50.H130.ERC16	130	28	1÷10	G16SE
ISO50.H70.ERC20	70	34	1÷14	G20SE
ISO50.H100.ERC20	100	34	1÷14	G20SE
ISO50.H130.ERC20	130	34	1÷14	G20SE
ISO50.H70.ERC25	70	42	1÷20	G25S
ISO50.H100.ERC25	100	42	1÷20	G25S
ISO50.H130.ERC25	130	42	1÷20	G25S
ISO50.H160.ERC25	160	42	1÷20	G25S
ISO50.H70.ERC32	70	50	2÷22	G32S
ISO50.H100.ERC32	100	50	2÷22	G32S
ISO50.H130.ERC32	130	50	2÷22	G32S
ISO50.H160.ERC32	160	50	2÷22	G32S
ISO50.H200.ERC32	200	50	2÷22	G32S
ISO50.H70.ERC40	70	63	3÷30	G40S
ISO50.H100.ERC40	100	63	3÷30	G40S
ISO50.H130.ERC40	130	63	3÷30	G40S
ISO50.H160.ERC40	160	63	3÷30	G40S
ISO50.H200.ERC40	200	63	3÷30	G40S
ISO50.H67.ERC50	67	78	6÷34	G50S
ISO50.H83.ERC60	83	83	10÷40	G60C

SE



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

S

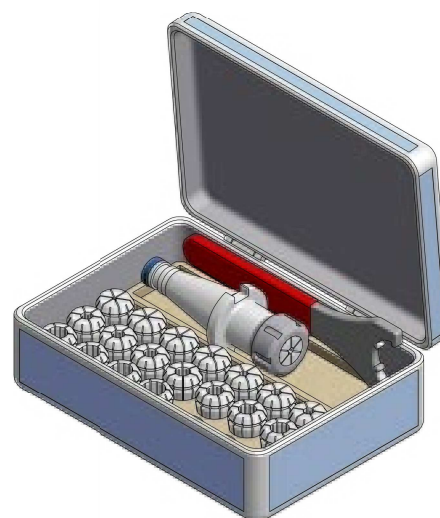


GHIERE **STANDARD** CON TACCHE  
**STANDARD** NUTS WITH SLOTS

C



GHIERE A SFERE CON TACCHE  
FRICTION BEARING NUTS WITH SLOTS



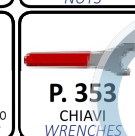
**KIT - MANDRINO, CHIAVE E PINZE**

KIT - TOOLHOLDER, WRENCH AND COLLETS

Articolo	Pinze Collets	Mandrino Toolholder	Chiave Wrench
BX.ISO30.ERC32	ERC32.D3+20 x 1,0mm	ISO30.H70.ERC32	CH32S
BX.ISO40.ERC32	ERC32.D3+20 x 1,0mm	ISO40.H70.ERC32	CH32S
BX.ISO50.ERC32	ERC32.D3+20 x 1,0mm	ISO50.H70.ERC32	CH32S
BX.ISO30.ERC40	ERC40.D4+26 x 1,0mm	ISO30.H70.ERC40	CH40S
BX.ISO40.ERC40	ERC40.D4+26 x 1,0mm	ISO40.H70.ERC40	CH40S
BX.ISO50.ERC40	ERC40.D4+26 x 1,0mm	ISO50.H70.ERC40	CH40S

**ALTRI A RICHIESTA**  
OTHERS ON REQUEST

**ACCESSORI - ACCESSORIES**



DIN 2080

ISO

EOC

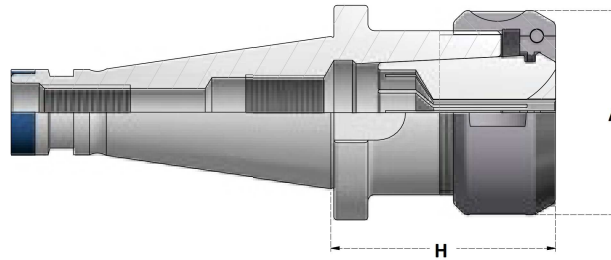
DIN ISO 10897(DIN6388)

**MANDRINI PORTAPINZA EOC**

EOC COLLET CHUCKS

DIMENSIONI  
DELL'ATTACCO

SHANK  
DIMENSIONS



G6,3 8000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
	<b>ISO40.H55.EOC16</b>	55	43	2÷16	G16OCC
	<b>ISO40.H66.EOC25</b>	66	60	2÷25	G25OCC
	<b>ISO40.H95.EOC32</b>	95	72	3÷32	G32OCC

G6,3 8000 r.p.m.	Articolo	H	A	Collets Range	Ghiera Nut
	<b>ISO50.H57.EOC25</b>	57	60	2÷25	G25OCC
	<b>ISO50.H73.EOC32</b>	73	72	3÷32	G32OCC

ACCESSORI - ACCESSORIES

