



CAPORALI

Calettamento
Shrink Fit

2025



PRECISION THROUGH GENERATIONS



Crediamo nel valore delle cose fatte bene.
Nel tempo che scolpisce l'esperienza.
Nel metallo che prende forma con intelligenza e rigore.

We believe in the value of things done well.
In the time that shapes experience.
In metal that takes form with intelligence and precision.

Wir glauben an den Wert gut gemachter Dinge.
An die Zeit, die Erfahrung formt.
An Metall, das mit Intelligenz und Präzision Gestalt annimmt.

Nous croyons à la valeur des choses bien faites.
Au temps qui façonne l'expérience.
Au métal qui prend forme avec intelligence et rigueur.

Creemos en el valor de las cosas bien hechas.
En el tiempo que esculpe la experiencia.
En el metal que toma forma con inteligencia y rigor.

عن صلا ةنقتملا ءايشأل ةمي قب نمؤن
ةرب خلا لكشي يذلا تقولاب
طابض ناو ءاكذب لكشتي يذلا ندع ملابو

בטיה מישענש מירבד לש רעב מינימאמ ונחנא
.וויסינה תא בצעמש ומזב
קוידבו הנובתב הרוצ תלבקמש תכתמב



MANDRINI A CALETTAMENTO A CALDO

SHRINK FIT CHUCKS

CARATTERISTICHE:

Realizzati in acciaio termoresistente di alta qualità
Vite assiale forata per il passaggio del refrigerante
Bilanciati in grado G2,5 25000 giri/min
Errore medio di concentricità < 3µm

FEATURES:

*Made of high quality heat resistant steel
Axial screw with coolant hole
Balanced in G2.5 grade 25000 rpm
Average concentricity error <3µm*

VANTAGGI:

Ideali per lavorazioni ad alta velocità, grazie all'assenza di parti meccaniche mobili
Trasferimento di coppia elevata per lavorazioni ad alte prestazioni
Alta precisione e ripetibilità
Design sottile, disponibile in diverse lunghezze

BENEFITS:

*Ideal for high-speed machining, thanks to the absence of moving mechanical parts
High torque transfer for high performance machining
High precision and repeatability
Slim design, available in different lengths*

STAZIONI DI CALETTAMENTO E ACCESSORI

SHRINK FIT UNITS AND ACCESSORIES

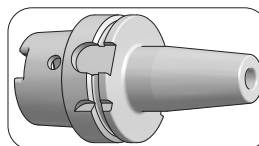
Pag.2-3



DIN 69893-1 - HSK-A

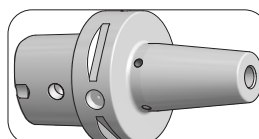
Standard Pag.5

Slim Pag.4



DIN ISO 26623-1 - CPT

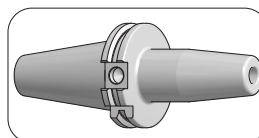
Standard Pag.6



DIN ISO 7388 (DIN69871) - TC

Standard Pag.7

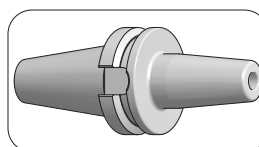
Slim Pag.4



MAS 403 (JIS B 6339) - BT

Standard Pag.8

Slim Pag.4



**STAZIONE DI CALETTAMENTO - START.2S****SHRINK FIT UNIT - START.2S**

Articolo	PREZZO PRICE
START.2S	7.911,00 €

Completa di anelli induttori per riscaldamento dal Ø2 al Ø40.

Può essere collocata su un banco di lavoro fisso oppure su un carrello.

Può essere utilizzata con 1 o 2 unità di raffreddamento ad aria FG500.1150.

La bobina intelligente riconosce il diametro dell'utensile calettato e auto-tara il tempo di riscaldamento.

Potenza: 14 kW

Dimensioni: L= 255 mm x P= 490mm x H= 755mm

Peso (senza accessori aggiuntivi) : 19 Kg

Provided with accessories for shrinking Ø2 to Ø40.

Shrink fit unit to be placed on a workbench or fixed trolley.

Cooling without contact with the cooling unit: FG500.1150.

Self-regulated power thanks to a microprocessor: detection of Ø, automatic configuration of the heating power and heating cut-off.

Power: 14 kW

Dimensions: L= 255mm x D= 490mm x H= 755mm

Weight (options excluded): 19 Kg



Non disponibile per mercato Tedesco
Not available for German market

UNITA' DI RAFFREDDAMENTO - FG500.1160**COOLING UNIT - FG500.1160**

Articolo	PREZZO PRICE
FG500.1160	1.122,00 €

Unità di raffreddamento ad aria

Completa di supporti di raffreddamento dal Ø2 al Ø40

Aria compressa supportata: 4-6 bars.

Equipaggiata con riduttore di pressione regolabile e filtro

Può essere fissata su un banco di lavoro oppure su un carrello

Può essere usata sia con la START.2S che con la FI-6

Dimensioni: L= 250 mm x P= 190 mm x H= 615 mm

Peso: 5 Kg

Air cooling unit.

Provided with accessories for cooling Ø2 to Ø40.

Compressed air supply : 4-6 bars.

Possibility to use several cooling units.

Equipped with a filter and a pressure reducing gauge.

To be placed on a trolley or workbench.

Can be used as a supplement for START.2S and FI-6.

Dimensions : L= 250mm x D= 190mm x H= 615mm.

Weight (options excluded): 5 Kg.



Non disponibile per mercato Tedesco
Not available for German market





STAZIONE DI CALETTAMENTO - FI-6

SHRINK FIT UNIT - FI-6

Articolo	PREZZO PRICE
FI-6	14.768,00 €

Macchina a calettamento con due stazioni di raffreddamento integrate.
La scheda elettronica è raffreddata per consentire il calettamento veloce.
Dotata di accessori per il riscaldamento e il raffreddamento dal $\varnothing 2$ al $\varnothing 32$.
Gestione del ciclo di calettamento senza toccare il portautensile.
Può essere collocata su un banco di lavoro.
La bobina intelligente riconosce il diametro dell'utensile calettato e auto-tara il tempo di riscaldamento.
Potenza: 14 kW
Dimensioni: L= 785 mm x P= 510 mm x H= 875mm
Peso (senza accessori aggiuntivi) : 65 Kg

Shrink fit unit with 2 integrated cooling units.
The electronic board is cooled to allow highspeed shrinking.
Provided with accessories for heating & cooling $\varnothing 2$ to $\varnothing 32$.
Shrinking time cycle without hand touching.
To be placed on a workbench.
Self-regulated power thanks to a microprocessor: detection of $\varnothing$, automatic configuration of the heating power and heating cut-off.
Power: 14 kW
Dimensions : L= 785mm x D= 510mm x H= 875mm
Weight (options excluded) : 65 Kg

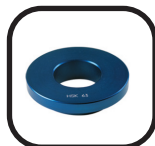


Non disponibile per mercato Tedesco
Not available for German market

SUPPORTI PER MANDRINO / BASI MANDRINO

CHUCK HOLDERS

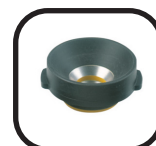
Articolo		PREZZO PRICE
FP100.1025	HSK 25 A-C-E / HSK 32 B-D-F	109,00 €
FP100.1032	HSK 32 A-C-E / HSK 40 B-D-F / CPT32	109,00 €
FP100.1040	HSK 40 A-C-E / HSK 50 B-D-F / CPT40	156,00 €
FP100.1050	HSK 50 A-C-E / HSK 63 B-D-F / CPT50	86,00 €
FP100.1063	HSK 63 A-C-E / HSK 80 B-D-F / CPT63	70,00 €
FP100.1080	HSK 80 A-C-E / HSK 100 B-D-F / CPT80	109,00 €
FP100.1100	HSK 100 A-C-E / HSK 125 B-D-F / CPT100	141,00 €
FP100.2030	TC / BT30	133,00 €
FP100.2040	TC / BT40	91,00 €
FP100.2045	TC / BT45	179,00 €
FP100.2050	TC / BT50	108,00 €



ANELLI INDUTTORI CHIUSI

CHUCK HOLDERS

Articolo		PREZZO PRICE
FE100.020.050	$\varnothing 2 \div \varnothing 5$	111,00 €
FE100.060.120	$\varnothing 6 \div \varnothing 12$	93,00 €
FE100.140.200	$\varnothing 14 \div \varnothing 20$	80,00 €
FE100.250.320	$\varnothing 25 \div \varnothing 32$	86,00 €
FE100.400.400	$\varnothing 40$	99,00 €



ANELLI INDUTTORI APERTI

SPLIT INDUCTOR STOP RINGS

Articolo		PREZZO PRICE
FE200.020.050	$\varnothing 2 \div \varnothing 5$	160,00 €
FE200.060.120	$\varnothing 6 \div \varnothing 12$	154,00 €
FE200.140.200	$\varnothing 14 \div \varnothing 20$	136,00 €
FE200.250.320	$\varnothing 25 \div \varnothing 32$	154,00 €
FE200.400.400	$\varnothing 40$	167,00 €



SUPPORTI DI RAFFREDDAMENTO

COOLING STOP RINGS

Articolo		PREZZO PRICE
FR500.050	$\varnothing 2 \div \varnothing 5$	25,00 €
FR500.120	$\varnothing 6 \div \varnothing 12$	25,00 €
FR500.200	$\varnothing 14 \div \varnothing 20$	25,00 €
FR500.320	$\varnothing 25 \div \varnothing 32$	25,00 €
FR500.400	$\varnothing 40$	25,00 €



Non disponibile per mercato Tedesco
Not available for German market




DIN 69893-1 - HSK-A
MANDRINI A CALETTAMENTO A CALDO SLIM

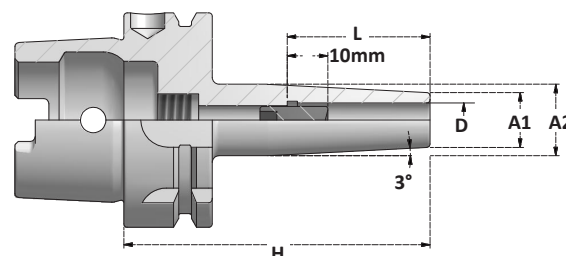
SLIM SHRINK FIT CHUCKS

0,003

G2,5

25000r.p.m.

Articolo	H	A2	PREZZO PRICE
HSK63A.H80.TM6SL	80	17	107,80 €
HSK63A.H130.TM6SL	130	19	130,00 €
HSK63A.H160.TM6SL	160	19	162,40 €
HSK63A.H80.TM8SL	80	19	107,80 €
HSK63A.H130.TM8SL	130	21	130,00 €
HSK63A.H160.TM8SL	160	21	162,40 €
HSK63A.H85.TM10SL	85	21	107,80 €
HSK63A.H130.TM10SL	130	23	130,00 €
HSK63A.H160.TM10SL	160	23	162,40 €
HSK63A.H90.TM12SL	90	23	107,80 €
HSK63A.H130.TM12SL	130	25	130,00 €
HSK63A.H160.TM12SL	160	25	162,40 €



	D	L	A1
TM6SL	6	36	12
TM8SL	8	36	14
TM10SL	10	41	16
TM12SL	12	46	18

DIN ISO 7388 (DIN69871) - TC
MANDRINI A CALETTAMENTO A CALDO SLIM

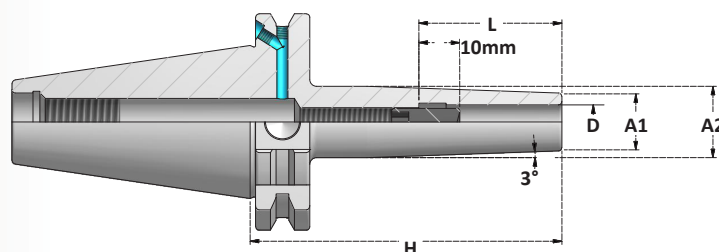
SLIM SHRINK FIT CHUCKS

0,003

G2,5

25000r.p.m.

Articolo	H	A2	PREZZO PRICE
TCB40.H80.TM6SL	80	17	80,50 €
TCB40.H130.TM6SL	130	19	99,70 €
TCB40.H160.TM6SL	160	19	145,50 €
TCB40.H80.TM8SL	80	19	80,50 €
TCB40.H130.TM8SL	130	21	99,70 €
TCB40.H160.TM8SL	160	21	145,50 €
TCB40.H80.TM10SL	80	21	80,50 €
TCB40.H130.TM10SL	130	23	99,70 €
TCB40.H160.TM10SL	160	23	145,50 €
TCB40.H80.TM12SL	80	23	80,50 €
TCB40.H130.TM12SL	130	25	99,70 €
TCB40.H160.TM12SL	160	25	145,50 €



	D	L	A1
TM6SL	6	36	12
TM8SL	8	36	14
TM10SL	10	41	16
TM12SL	12	46	18

MAS 403 (JIS B 6339) - BT
MANDRINI A CALETTAMENTO A CALDO SLIM

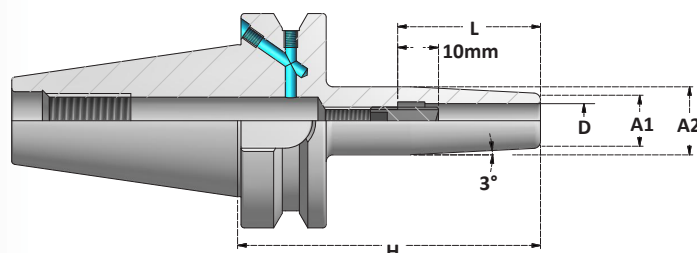
SLIM SHRINK FIT CHUCKS

0,003

G2,5

25000r.p.m.

Articolo	H	A2	PREZZO PRICE
BTB40.H90.TM6SL	90	17	80,50 €
BTB40.H130.TM6SL	130	19	99,70 €
BTB40.H160.TM6SL	160	19	145,50 €
BTB40.H90.TM8SL	90	19	80,50 €
BTB40.H130.TM8SL	130	21	99,70 €
BTB40.H160.TM8SL	160	21	145,50 €
BTB40.H90.TM10SL	90	21	80,50 €
BTB40.H130.TM10SL	130	23	99,70 €
BTB40.H160.TM10SL	160	23	145,50 €
BTB40.H90.TM12SL	90	23	80,50 €
BTB40.H130.TM12SL	130	25	99,70 €
BTB40.H160.TM12SL	160	25	145,50 €



	D	L	A1
TM6SL	6	36	12
TM8SL	8	36	14
TM10SL	10	41	16
TM12SL	12	46	18




DIN 69893-1 - HSK-A
MANDRINI A CALETTAMENTO A CALDO

SHRINK FIT CHUCKS

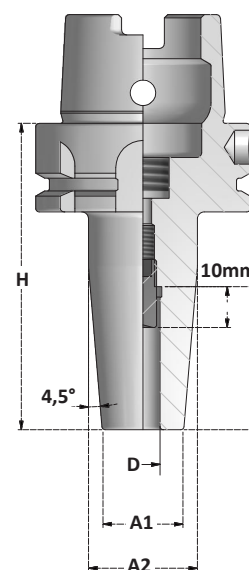
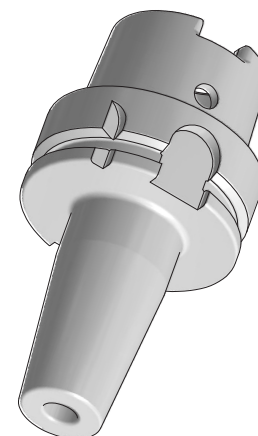
0,003

G2,5

25000r.p.m.

Articolo	H	PREZZO PRICE
HSK63A.H80.TM3	80	114,50 €
HSK63A.H120.TM3	120	129,20 €
HSK63A.H160.TM3	160	165,40 €
HSK63A.H80.TM4	80	114,50 €
HSK63A.H120.TM4	120	129,20 €
HSK63A.H160.TM4	160	165,40 €
HSK63A.H80.TM5	80	114,50 €
HSK63A.H120.TM5	120	129,20 €
HSK63A.H160.TM5	160	165,40 €
HSK63A.H80.TM6	80	100,40 €
HSK63A.H130.TM6	130	114,50 €
HSK63A.H160.TM6	160	149,90 €
HSK63A.H80.TM8	80	100,40 €
HSK63A.H130.TM8	130	114,50 €
HSK63A.H160.TM8	160	149,90 €
HSK63A.H85.TM10	85	100,40 €
HSK63A.H130.TM10	130	114,50 €
HSK63A.H160.TM10	160	149,90 €
HSK63A.H90.TM12	90	100,40 €
HSK63A.H130.TM12	130	114,50 €
HSK63A.H160.TM12	160	149,90 €
HSK63A.H90.TM14	90	100,40 €
HSK63A.H130.TM14	130	114,50 €
HSK63A.H160.TM14	160	149,90 €
HSK63A.H95.TM16	95	100,40 €
HSK63A.H130.TM16	130	114,50 €
HSK63A.H160.TM16	160	149,90 €
HSK63A.H95.TM18	95	100,40 €
HSK63A.H130.TM18	130	114,50 €
HSK63A.H160.TM18	160	149,90 €
HSK63A.H100.TM20	100	100,40 €
HSK63A.H130.TM20	130	114,50 €
HSK63A.H160.TM20	160	149,90 €
HSK63A.H115.TM25	115	100,40 €
HSK63A.H130.TM25	130	114,50 €
HSK63A.H160.TM25	160	149,90 €
HSK63A.H120.TM32	120	100,40 €
HSK63A.H160.TM32	160	149,90 €

Articolo	H	PREZZO PRICE
HSK100A.H85.TM6	85	151,40 €
HSK100A.H130.TM6	130	161,70 €
HSK100A.H160.TM6	160	175,70 €
HSK100A.H200.TM6	200	195,70 €
HSK100A.H85.TM8	85	151,40 €
HSK100A.H130.TM8	130	161,70 €
HSK100A.H160.TM8	160	175,70 €
HSK100A.H200.TM8	200	195,70 €
HSK100A.H90.TM10	90	151,40 €
HSK100A.H130.TM10	130	161,70 €
HSK100A.H160.TM10	160	175,70 €
HSK100A.H200.TM10	200	195,70 €
HSK100A.H95.TM12	95	151,40 €
HSK100A.H130.TM12	130	161,70 €
HSK100A.H160.TM12	160	175,70 €
HSK100A.H200.TM12	200	195,70 €
HSK100A.H95.TM14	95	151,40 €
HSK100A.H130.TM14	130	161,70 €
HSK100A.H160.TM14	160	175,70 €
HSK100A.H200.TM14	200	195,70 €
HSK100A.H100.TM16	100	151,40 €
HSK100A.H130.TM16	130	161,70 €
HSK100A.H160.TM16	160	175,70 €
HSK100A.H200.TM16	200	195,70 €
HSK100A.H100.TM18	100	151,40 €
HSK100A.H130.TM18	130	161,70 €
HSK100A.H160.TM18	160	175,70 €
HSK100A.H200.TM18	200	195,70 €
HSK100A.H105.TM20	105	151,40 €
HSK100A.H130.TM20	130	161,70 €
HSK100A.H160.TM20	160	175,70 €
HSK100A.H200.TM20	200	195,70 €
HSK100A.H115.TM25	115	151,40 €
HSK100A.H130.TM25	130	161,70 €
HSK100A.H160.TM25	160	175,70 €
HSK100A.H200.TM25	200	195,70 €
HSK100A.H120.TM32	120	151,40 €
HSK100A.H160.TM32	160	175,70 €
HSK100A.H200.TM32	200	195,70 €



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

* Senza vite di regolazione

* Without adjusting screw




DIN ISO 26623-1 - CPT
MANDRINI A CALETTAMENTO A CALDO
SHRINK FIT CHUCKS

↗ 0,003

G2,5

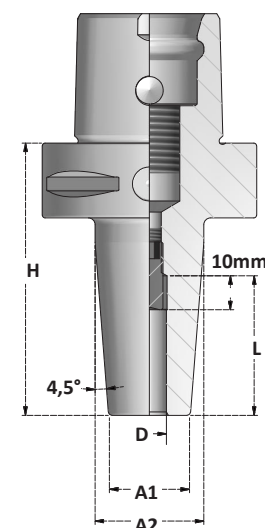
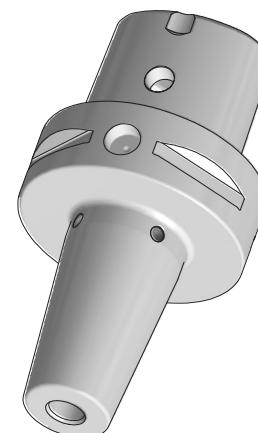
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Articolo	H	PREZZO PRICE
CPT40.H75.TM6	75	124,30 €
CPT40.H75.TM8	75	124,30 €
CPT40.H75.TM10	75	124,30 €
CPT40.H75.TM12	75	124,30 €
CPT40.H80.TM14	80	124,30 €
CPT40.H80.TM16	80	124,30 €
CPT40.H85.TM20	85	124,30 €

Articolo	H	PREZZO PRICE
CPT50.H75.TM6	75	149,30 €
CPT50.H75.TM8	75	149,30 €
CPT50.H75.TM10	75	149,30 €
CPT50.H75.TM12	75	149,30 €
CPT50.H80.TM14	80	149,30 €
CPT50.H80.TM16	80	149,30 €
CPT50.H80.TM18	80	149,30 €
CPT50.H85.TM20	85	149,30 €

Articolo	H	PREZZO PRICE
CPT63.H80.TM3	80	174,50 €
CPT63.H80.TM4	80	174,50 €
CPT63.H80.TM6	80	157,10 €
CPT63.H80.TM8	80	157,10 €
CPT63.H80.TM10	80	157,10 €
CPT63.H80.TM12	80	157,10 €
CPT63.H85.TM14	85	158,00 €
CPT63.H85.TM16	85	158,00 €
CPT63.H85.TM18	85	158,00 €
CPT63.H85.TM20	85	158,00 €
CPT63.H90.TM25	90	157,10 €
CPT63.H95.TM32	95	157,10 €

Articolo	H	PREZZO PRICE
CPT80.H90.TM10	90	311,60 €
CPT80.H90.TM12	90	311,60 €
CPT80.H95.TM16	95	311,60 €
CPT80.H95.TM20	95	311,60 €
CPT80.H100.TM25	100	311,60 €



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

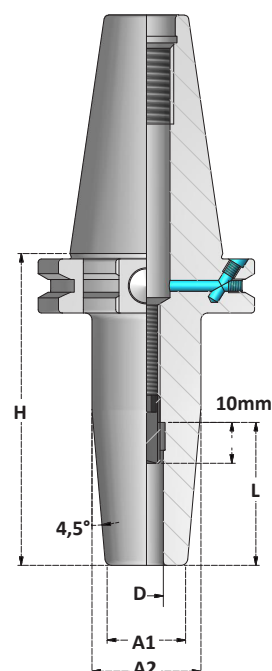
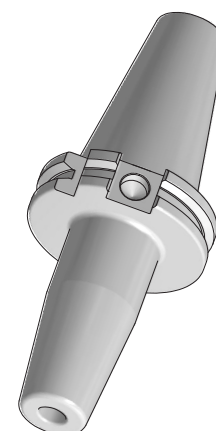
* Senza vite di regolazione

* Without adjusting screw


MANDRINI A CALETTAMENTO A CALDO
SHRINK FIT CHUCKS
0,003
G2,5
25000r.p.m.

Articolo	H	PREZZO PRICE
TCB40.H80.TM3	80	87,90 €
TCB40.H120.TM3	120	100,40 €
TCB40.H160.TM3	160	146,20 €
TCB40.H80.TM4	80	87,90 €
TCB40.H120.TM4	120	100,40 €
TCB40.H160.TM4	160	146,20 €
TCB40.H80.TM5	80	87,90 €
TCB40.H120.TM5	120	100,40 €
TCB40.H160.TM5	160	146,20 €
TCB40.H80.TM6	80	73,10 €
TCB40.H130.TM6	130	87,90 €
TCB40.H160.TM6	160	134,40 €
TCB40.H200.TM6	200	157,30 €
TCB40.H80.TM8	80	73,10 €
TCB40.H130.TM8	130	87,90 €
TCB40.H160.TM8	160	134,40 €
TCB40.H200.TM8	200	157,30 €
TCB40.H80.TM10	80	73,10 €
TCB40.H130.TM10	130	87,90 €
TCB40.H160.TM10	160	134,40 €
TCB40.H200.TM10	200	157,30 €
TCB40.H80.TM12	80	73,10 €
TCB40.H130.TM12	130	87,90 €
TCB40.H160.TM12	160	134,40 €
TCB40.H200.TM12	200	157,30 €
TCB40.H80.TM14	80	73,10 €
TCB40.H130.TM14	130	87,90 €
TCB40.H160.TM14	160	134,40 €
TCB40.H200.TM14	200	157,30 €
TCB40.H80.TM16	80	73,10 €
TCB40.H130.TM16	130	87,90 €
TCB40.H160.TM16	160	134,40 €
TCB40.H200.TM16	200	157,30 €
TCB40.H80.TM18	80	73,10 €
TCB40.H130.TM18	130	87,90 €
TCB40.H160.TM18	160	134,40 €
TCB40.H200.TM18	200	157,30 €
TCB40.H80.TM20	80	73,10 €
TCB40.H130.TM20	130	87,90 €
TCB40.H160.TM20	160	134,40 €
TCB40.H200.TM20	200	157,30 €
TCB40.H100.TM25	100	73,10 €
TCB40.H130.TM25	130	112,00 €
TCB40.H160.TM25	160	137,30 €
TCB40.H200.TM25	200	179,20 €
TCB40.H100.TM32	100	73,10 €
TCB40.H130.TM32	130	112,00 €
TCB40.H160.TM32	160	137,30 €
TCB40.H200.TM32	200	179,20 €

Articolo	H	PREZZO PRICE
TCB50.H80.TM3	80	149,90 €
TCB50.H120.TM3	120	165,40 €
TCB50.H160.TM3	160	172,00 €
TCB50.H80.TM4	80	149,90 €
TCB50.H120.TM4	120	165,40 €
TCB50.H160.TM4	160	172,00 €
TCB50.H80.TM6	80	149,90 €
TCB50.H120.TM6	120	165,40 €
TCB50.H160.TM6	160	172,00 €
TCB50.H200.TM6	200	192,00 €
TCB50.H80.TM8	80	149,90 €
TCB50.H120.TM8	120	165,40 €
TCB50.H160.TM8	160	172,00 €
TCB50.H200.TM8	200	192,00 €
TCB50.H80.TM10	80	149,90 €
TCB50.H120.TM10	120	165,40 €
TCB50.H160.TM10	160	172,00 €
TCB50.H200.TM10	200	192,00 €
TCB50.H80.TM12	80	149,90 €
TCB50.H120.TM12	120	165,40 €
TCB50.H160.TM12	160	172,00 €
TCB50.H200.TM12	200	192,00 €
TCB50.H80.TM14	80	149,90 €
TCB50.H120.TM14	120	165,40 €
TCB50.H160.TM14	160	172,00 €
TCB50.H200.TM14	200	192,00 €
TCB50.H80.TM16	80	149,90 €
TCB50.H120.TM16	120	165,40 €
TCB50.H160.TM16	160	172,00 €
TCB50.H200.TM16	200	192,00 €
TCB50.H80.TM18	80	149,90 €
TCB50.H120.TM18	120	165,40 €
TCB50.H160.TM18	160	172,00 €
TCB50.H200.TM18	200	192,00 €
TCB50.H80.TM20	80	149,90 €
TCB50.H120.TM20	120	165,40 €
TCB50.H160.TM20	160	172,00 €
TCB50.H200.TM20	200	192,00 €
TCB50.H100.TM25	100	159,50 €
TCB50.H120.TM25	120	165,40 €
TCB50.H160.TM25	160	172,00 €
TCB50.H200.TM25	200	192,00 €
TCB50.H100.TM32	100	159,50 €
TCB50.H120.TM32	120	165,40 €
TCB50.H160.TM32	160	172,00 €
TCB50.H200.TM32	200	192,00 €



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

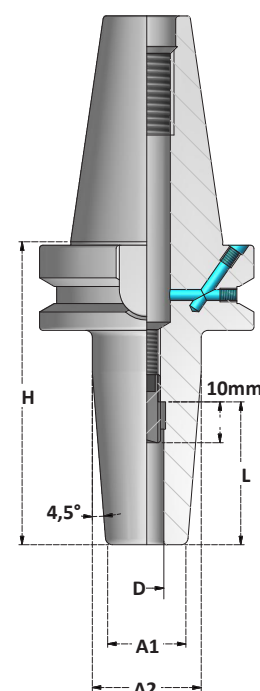
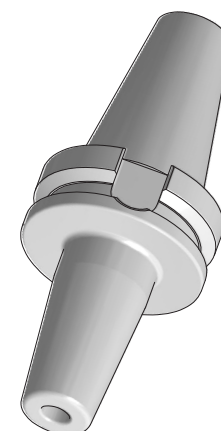
* Senza vite di regolazione

* Without adjusting screw


MAS 403 (JIS B 6339) - BT
MANDRINI A CALETTAMENTO A CALDO
SHRINK FIT CHUCKS
0,003
G2,5
25000r.p.m.

Articolo	H	PREZZO PRICE
BTB40.H90.TM3	90	95,30 €
BTB40.H120.TM3	120	117,40 €
BTB40.H160.TM3	160	154,80 €
BTB40.H90.TM4	90	95,30 €
BTB40.H120.TM4	120	117,40 €
BTB40.H160.TM4	160	154,80 €
BTB40.H90.TM5	90	95,30 €
BTB40.H120.TM5	120	117,40 €
BTB40.H160.TM5	160	154,80 €
BTB40.H90.TM6	90	73,10 €
BTB40.H130.TM6	130	87,90 €
BTB40.H160.TM6	160	134,40 €
BTB40.H200.TM6	200	157,30 €
BTB40.H90.TM8	90	73,10 €
BTB40.H130.TM8	130	87,90 €
BTB40.H160.TM8	160	134,40 €
BTB40.H200.TM8	200	157,30 €
BTB40.H90.TM10	90	73,10 €
BTB40.H130.TM10	130	87,90 €
BTB40.H160.TM10	160	134,40 €
BTB40.H200.TM10	200	157,30 €
BTB40.H90.TM12	90	73,10 €
BTB40.H130.TM12	130	87,90 €
BTB40.H160.TM12	160	134,40 €
BTB40.H200.TM12	200	157,30 €
BTB40.H90.TM14	90	73,10 €
BTB40.H130.TM14	130	87,90 €
BTB40.H160.TM14	160	134,40 €
BTB40.H200.TM14	200	157,30 €
BTB40.H90.TM16	90	73,10 €
BTB40.H130.TM16	130	87,90 €
BTB40.H160.TM16	160	134,40 €
BTB40.H200.TM16	200	157,30 €
BTB40.H90.TM18	90	73,10 €
BTB40.H130.TM18	130	87,90 €
BTB40.H160.TM18	160	134,40 €
BTB40.H200.TM18	200	157,30 €
BTB40.H90.TM20	90	73,10 €
BTB40.H130.TM20	130	87,90 €
BTB40.H160.TM20	160	134,40 €
BTB40.H200.TM20	200	157,30 €
BTB40.H100.TM25	100	81,20 €
BTB40.H130.TM25	130	112,00 €
BTB40.H160.TM25	160	137,30 €
BTB40.H200.TM25	200	179,20 €
BTB40.H100.TM32	100	81,20 €
BTB40.H130.TM32	130	112,00 €
BTB40.H160.TM32	160	137,30 €
BTB40.H200.TM32	200	179,20 €

Articolo	H	PREZZO PRICE
BTB50.H100.TM3	100	159,50 €
BTB50.H120.TM3	120	169,80 €
BTB50.H160.TM3	160	172,00 €
BTB50.H100.TM4	100	159,50 €
BTB50.H120.TM4	120	169,80 €
BTB50.H160.TM4	160	172,00 €
BTB50.H100.TM6	100	159,50 €
BTB50.H120.TM6	120	169,80 €
BTB50.H160.TM6	160	172,00 €
BTB50.H200.TM6	200	192,00 €
BTB50.H100.TM8	100	159,50 €
BTB50.H120.TM8	120	169,80 €
BTB50.H160.TM8	160	172,00 €
BTB50.H200.TM8	200	192,00 €
BTB50.H100.TM10	100	159,50 €
BTB50.H120.TM10	120	169,80 €
BTB50.H160.TM10	160	172,00 €
BTB50.H200.TM10	200	192,00 €
BTB50.H100.TM12	100	159,50 €
BTB50.H120.TM12	120	169,80 €
BTB50.H160.TM12	160	172,00 €
BTB50.H200.TM12	200	192,00 €
BTB50.H100.TM14	100	159,50 €
BTB50.H120.TM14	120	169,80 €
BTB50.H160.TM14	160	172,00 €
BTB50.H200.TM14	200	192,00 €
BTB50.H100.TM16	100	159,50 €
BTB50.H120.TM16	120	169,80 €
BTB50.H160.TM16	160	172,00 €
BTB50.H200.TM16	200	192,00 €
BTB50.H100.TM18	100	159,50 €
BTB50.H120.TM18	120	169,80 €
BTB50.H160.TM18	160	172,00 €
BTB50.H200.TM18	200	192,00 €
BTB50.H100.TM20	100	159,50 €
BTB50.H120.TM20	120	169,80 €
BTB50.H160.TM20	160	172,00 €
BTB50.H200.TM20	200	192,00 €
BTB50.H110.TM25	110	176,50 €
BTB50.H120.TM25	120	176,50 €
BTB50.H160.TM25	160	172,00 €
BTB50.H200.TM25	200	192,00 €
BTB50.H110.TM32	110	176,50 €
BTB50.H120.TM32	120	176,50 €
BTB50.H160.TM32	160	172,00 €
BTB50.H200.TM32	200	192,00 €



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

* Senza vite di regolazione

* Without adjusting screw





Dal 1936 al servizio della meccanica.

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