MD MG TESTE MULTIPLE

Made in Italy

FH *Facing Heads* · **BAH** *Big Angle Heads* · **TA.CP** *Angle Heads* · **TA** *Angle Heads* · **MOx** *Spindle Speeders* · **HT** *Turret Heads* · **VH** *Variable axis heads* · **TSI/TSX** *Twin spindle milling heads* · **T** *Adjustable joint multi spindle heads* · **MT-TC-TC3** *Fixed multi spindle heads*



SERIE

TAV®

DIGITAL





Nuovo standard nelle teste ad angolo variabile.

La serie TAV si propone ora con un display per la visualizzazione dell'inclinazione del mandrino. La facilità di utilizzo, la precisione del sistema, l'ingombro estremamente ridotto consentirà agli utenti di registrare direttamente in macchina l'angolo della lavorazione che la Testa ad Angolo Variabile deve eseguire sul pezzo in modo semplice ed efficace.

Oggi sono disponibili i tre principali modelli di Teste ad Angolo Variabile: TAV10, TAV13 e TAV20.

Lo sviluppo di questa soluzione verrà presto trasportata a tutta la famiglia delle Teste ad Angolo della serie TAV.

New standard system on TAV adjustable angle heads.

The TAV series is now being enhanced with a display to check the spindle angle inclination. Both the user-friendliness and the precision, as well as the extremely reduced footprint of this new system, will allow the users to easily and effectively set the adjustable angle head directly on the machine prepared to machine pieces.

Nowadays the three major adjustable angle head models are available:

TAV10, TA13 and TAV20.

And this new solution will be soon available on the whole range of TAV angle heads.

TAV10.P

TESTA AD ANGOLO · *ANGLE HEAD*



TAV DIGITAL

PESO *WEIGHT*

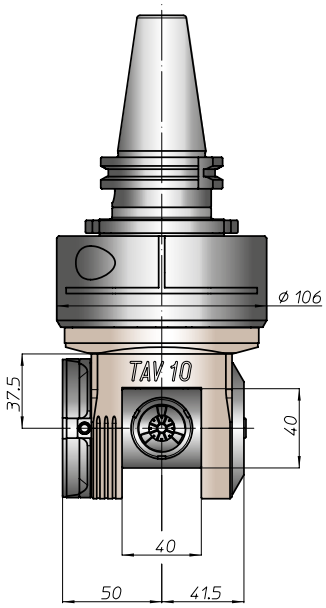
40	50
6,4 KG	8,5 KG

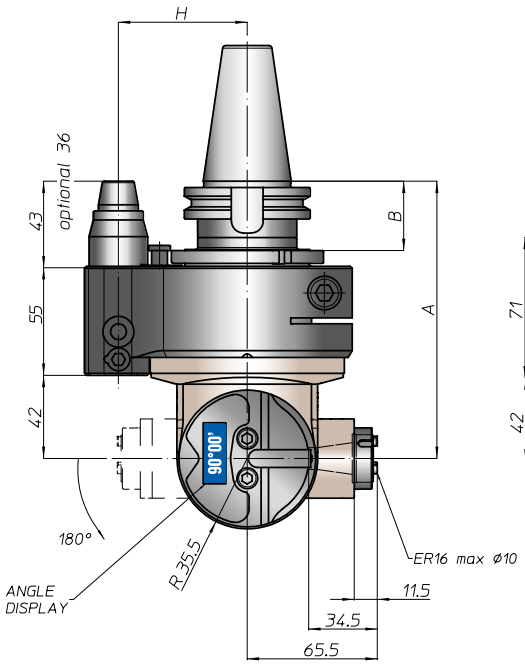
ROTAZIONE *ROTATION*

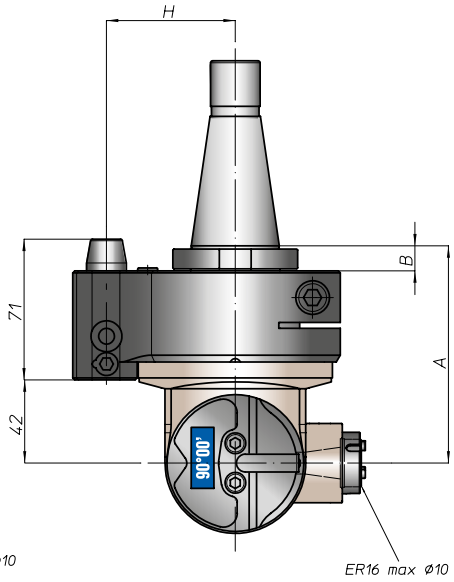
IN	OUT
INPUT	OUTPUT

CARATTERISTICHE *FEATURES*

Ø10	M8	550 N	1-1	8000	12	±0,05
				RPM	Nm	ACCURACY







CONO *SHANK*	DIN69871			ANSIB5.50		CAT		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080		NMTB ANSIB5.18	
SIZE	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100	40	50	40	50		
A	140			140		140	148	149			144			140			113	116	113	116		
B	35			35		35	45	44	46			39	41				13	16	13	16		
H STANDARD	65	80		65	80	65	80	65	80		65		80	65	80		65	80	65	80		
H OPTIONAL		110			110		110		110				110		110			110		110		

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV10.PD

TESTA AD ANGOLO · *ANGLE HEAD*

TAV DIGITAL



PESO *WEIGHT*

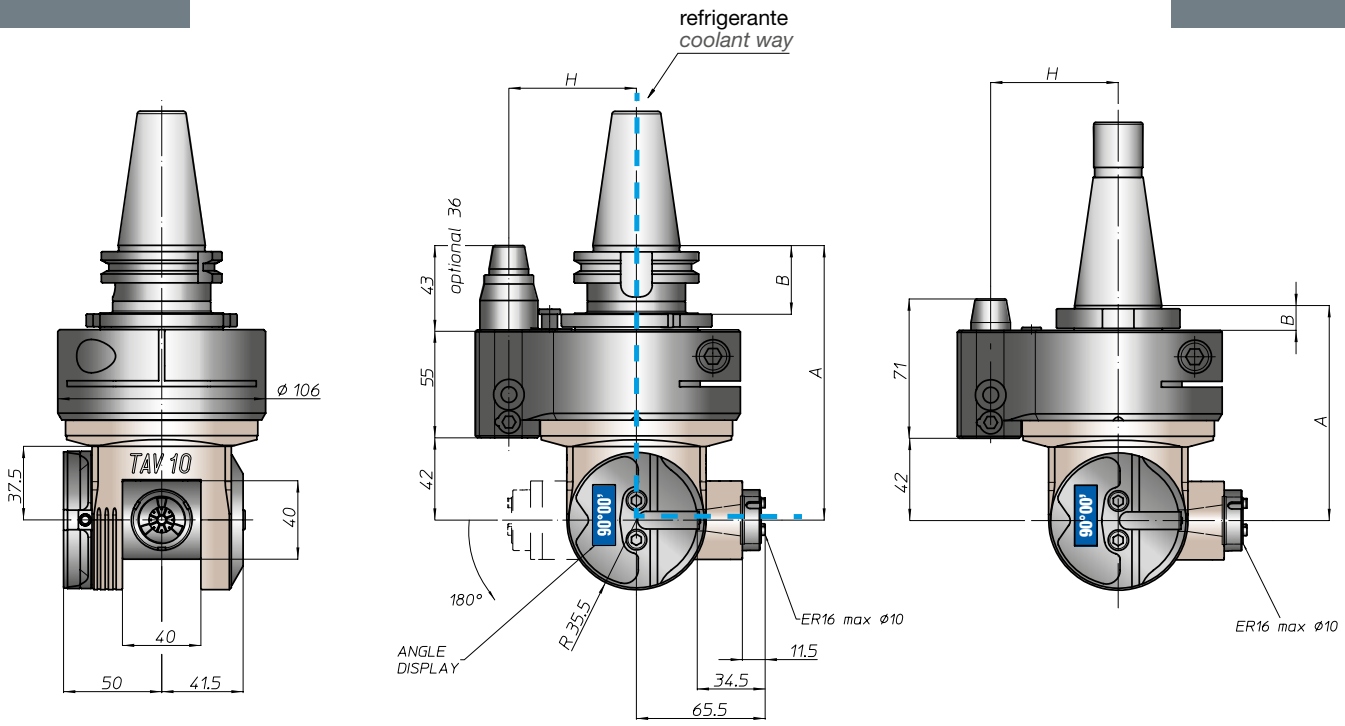
40 — 6,4 KG
50 — 8,5 KG

ROTAZIONE *ROTATION*

IN — INPUT → OUT — OUTPUT

CARATTERISTICHE *FEATURES*

Ø10	M8	550 N	1-1	8000	12	±0,05	70 BAR
				RPM	Nm	ACCURACY	BAR



CONO *SHANK*	DIN69871			ANSIB5.50		CAT		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080		NMTB ANSIB5.18	
SIZE	40	45	50	40	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100	40	50	40	50
A	140			140		140	148			149			144			140			113	116	113	116
B	35			35		35	45			44	46			39	41				13	16	13	16
H STANDARD	65	80		65	80	65	80			65	80		65		80	65	80		65	80	65	80
H OPTIONAL		110			110		110				110				110		110			110		110

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV13.P

TESTA AD ANGOLO · *ANGLE HEAD*



TAV DIGITAL

PESO *WEIGHT*

40 — 7,8 KG
50 — 10,5 KG

ROTAZIONE *ROTATION*

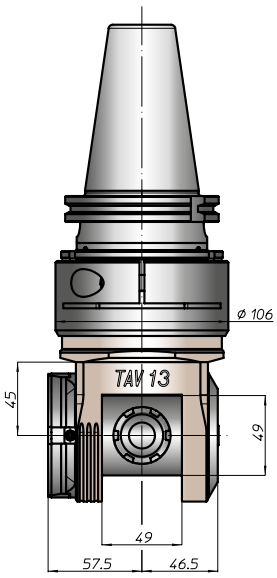
IN — INPUT
OUT — OUTPUT

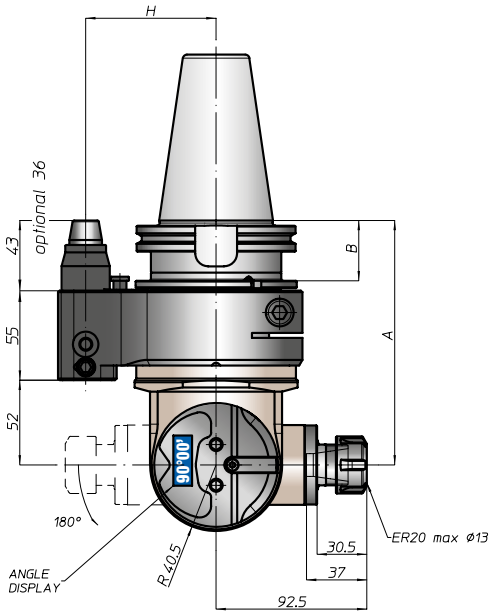
CARATTERISTICHE *FEATURES*

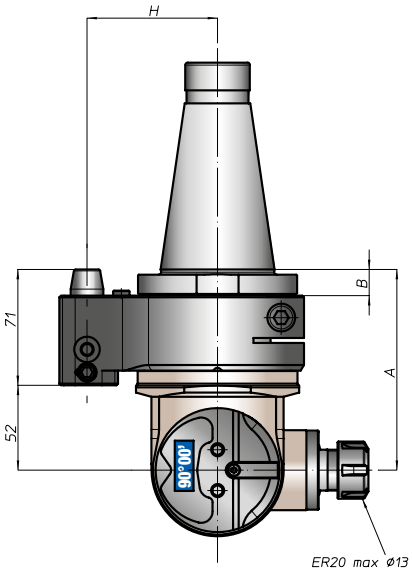
Ø13	M10	630 N	1-1	6000	18	±0,05
				RPM	Nm	ACCURACY

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

ER25 DIN6499-ER
Ø16 WELDON WHISTLE-NOTCH







CONO *SHANK*	DIN69871			ANSIB5.50		CAT		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080		NMTB ANSIB5.18	
SIZE	40	45	50	40	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100	40	50	40	50
A	150			150		150		150	158	159			154			150			120	123	120	123
B	35			35		35		35	45	44	46			39	41				13	16	13	16
H STANDARD	65	80		65	80	65	80	65	80	65	80		65		80	65	80		65	80	65	80
H OPTIONAL		110			110		110		110		110				110		110			110		110

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV13.PD

TESTA AD ANGOLO · *ANGLE HEAD*

TAV DIGITAL



PESO *WEIGHT*

40 — 7,8 KG
50 — 10,5 KG

ROTAZIONE *ROTATION*

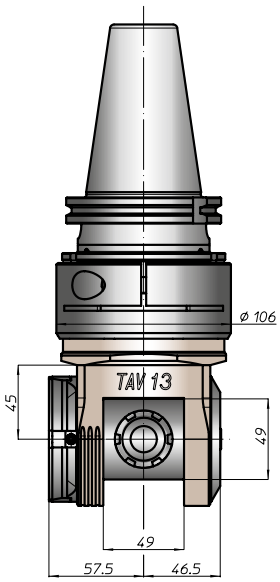
IN — INPUT → OUT — OUTPUT

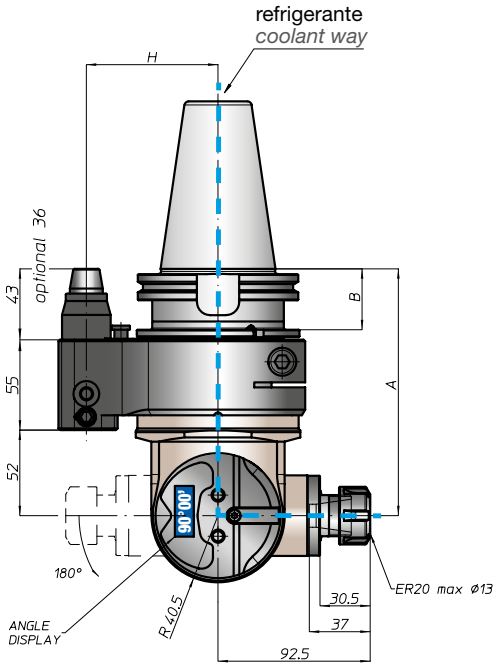
CARATTERISTICHE *FEATURES*

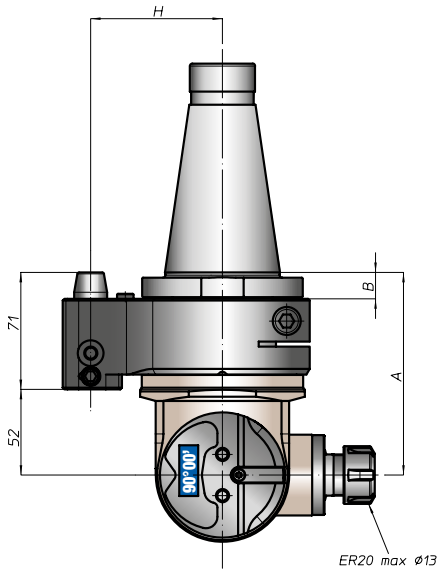
Ø13	M10	630 N	1-1	RPM 6000	Nm 18	ACCURACY ±0,05	BAR 70 BAR

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

- ER25 DIN6499-ER
- Ø16 WELDON WHISTLE-NOTCH







CONO *SHANK*	DIN69871			ANSIB5.50		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080		NMTB ANSIB5.18	
SIZE	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100	40	50	40	50
A	150			150		150	158	159			154			150			120	123	120	123
B	35			35		35	45	44	46			39	41				13	16	13	16
H STANDARD	65	80		65	80	65	80	65	80		65		80	65	80		65	80	65	80
H OPTIONAL		110			110		110		110				110		110			110		110

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV20.P

TESTA AD ANGOLO · *ANGLE HEAD*



TAV DIGITAL

PESO *WEIGHT*

22 KG

ROTAZIONE *ROTATION*

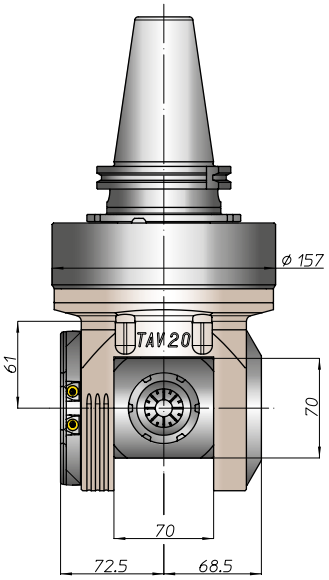
INPUT OUTPUT

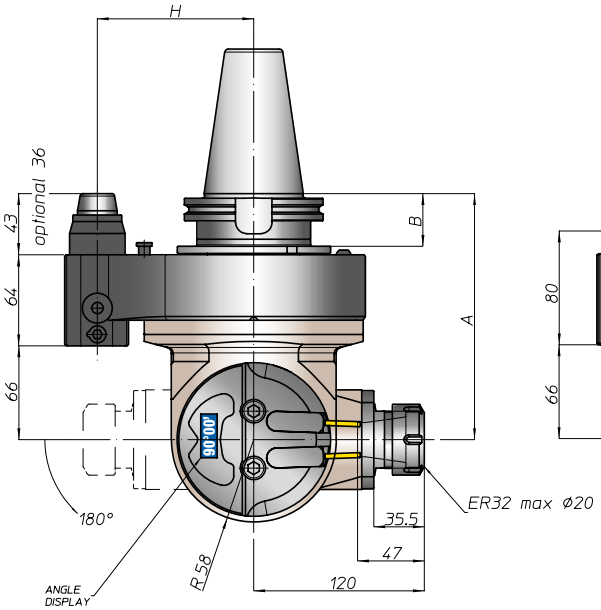
CARATTERISTICHE *FEATURES*

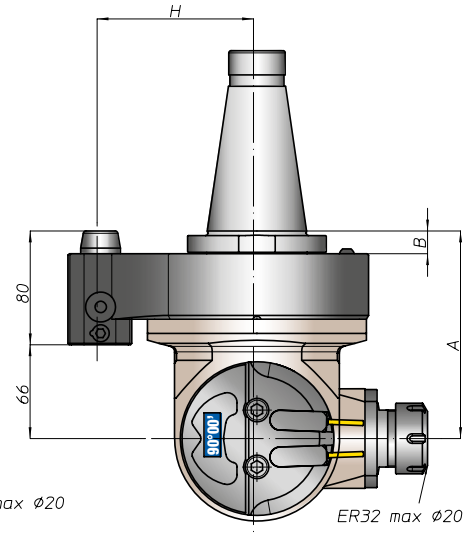
Ø20	M16	1740 N	1-1	4000	60	±0,05
				RPM	Nm	ACCURACY

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

- ER40 DIN6499-ER
- Ø32 PORTAFRESE FACE MILL ARBOR
- Ø20-Ø25 WELDON WHISTLE-NOTCH
- HSK50 DIN69893-HSK
- ABS50 LICENZA KOMET® KOMET LICENCE®







	CONO *SHANK*	DIN69871	CAT ANSIB5.50	BT	HSK	CAPTO ISO26623	KM	DIN2080	NMTB ANSIB5.18
SIZE		50	50	50	80 / 100	C8	100	50	50
A		173	173	181	182	177	173	149	149
B		35	35	45	46	41		16	16
H STANDARD		110	110	110	110	110	110	110	110
H OPTIONAL									

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV20.PD

TESTA AD ANGOLO • *ANGLE HEAD*



PESO *WEIGHT*

22 KG

ROTAZIONE *ROTATION*

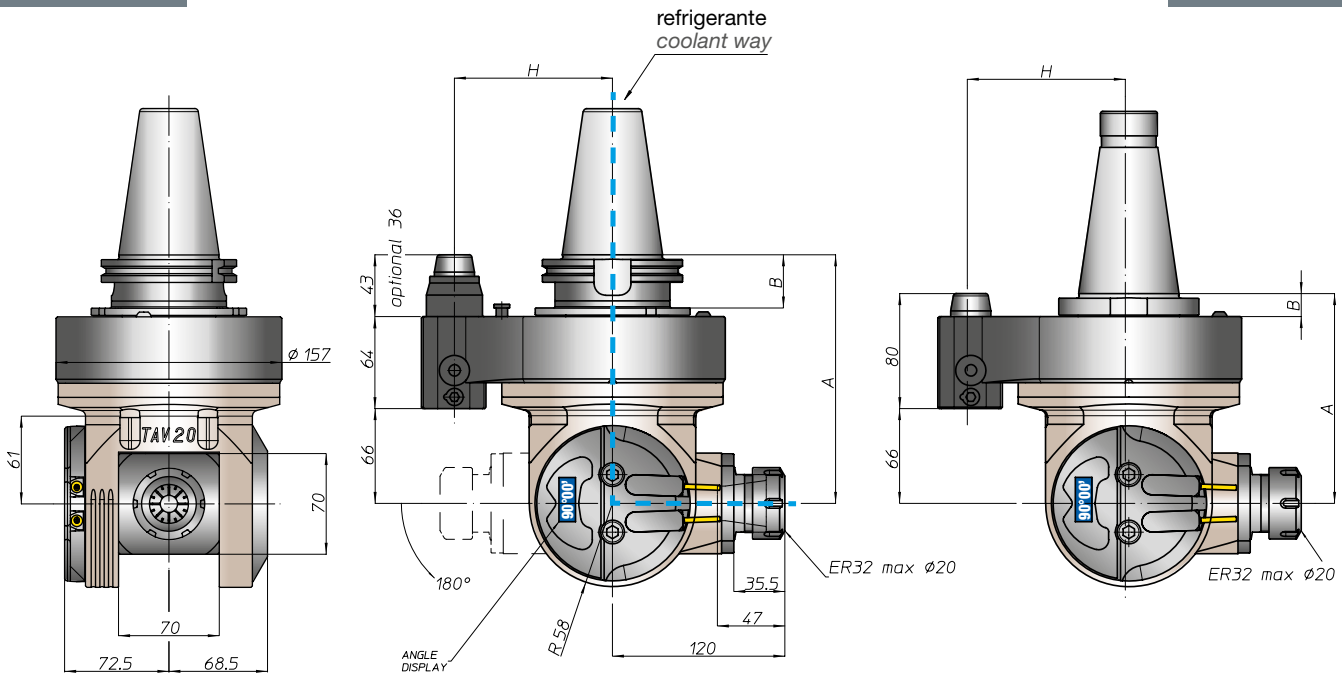
INPUT — OUTPUT

CARATTERISTICHE *FEATURES*

Ø20	M16	1740 N	1-1	4000	60	±0,05	70 BAR

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

- ER40 DIN6499-ER
- Ø32 PORTAFRESE / FACE MILL ARBOR
- Ø20-Ø25 WELDON WHISTLE-NOTCH
- HSK50 DIN69893-HSK
- ABS50 LICENZA KOMET® / KOMET LICENCE®



CONO *SHANK*	DIN69871	ANSIB5.50	BT	HSK		ISO26623	KM	DIN2080	ANSIB5.18
	CAT	CAT				CAPTO			NMTB
SIZE	50	50	50	80	100	C8	100	50	50
A	173	173	181	182		177	173	149	149
B	35	35	45	46		41		16	16
H STANDARD	110	110	110	110		110	110	110	110
H OPTIONAL									

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV40.T

TESTA AD ANGOLO · *ANGLE HEAD*



TAV DIGITAL

PESO *WEIGHT*
70 KG

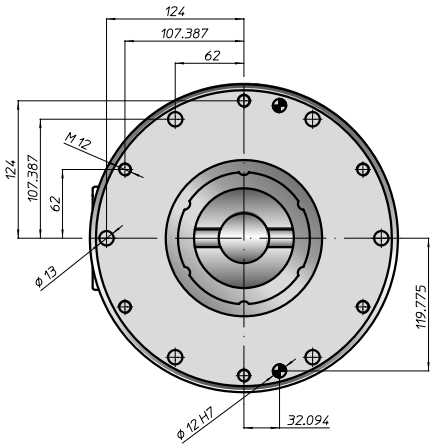
ROTAZIONE *ROTATION*
INPUT OUTPUT

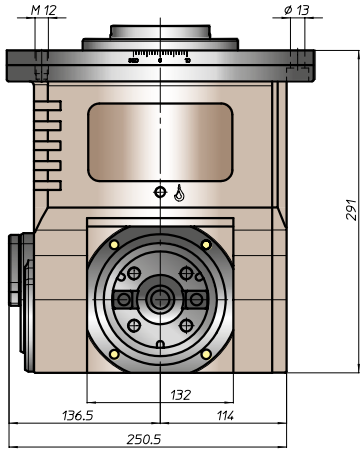
CARATTERISTICHE *FEATURES*

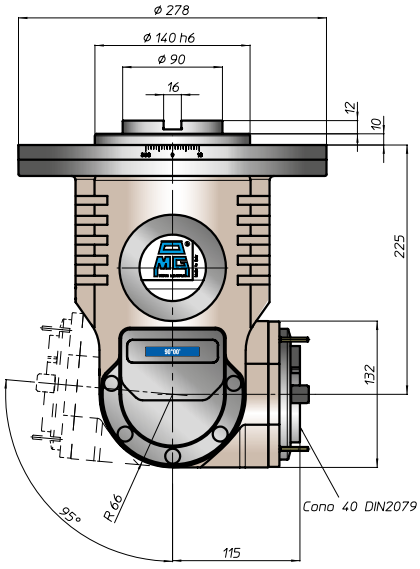
Ø32	M26	2610 N	1-2	5000	230	±0,014
				RPM	Nm	ACCURACY

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

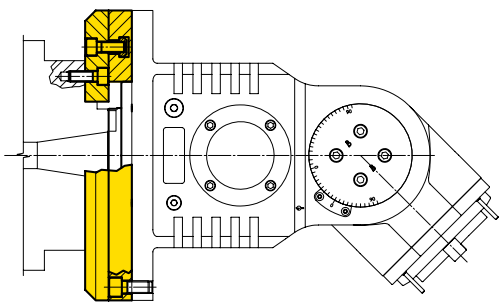
HSK63 DIN69893-HSK
C5 COROMANT CAPTO®







Esempio di collegamento / *Connection example*



Equipaggiamento standard:

- pressurizzazione mandrinio
- n. 4 ugelli orientabili vicino al mandrino
- regolazione angolare mandrino libera
- nel mandrino DIN2079 si possono utilizzare coni DIN2080-40, DIN69871-A40, MAS403-BT40

Standard equipment:

ï spindle front pr essurization
ï nr. 4 adjustable nozzle near the spindle
ï fr ee angle spindle adjustment
ï on the spindle DIN2079 you can use shank DIN2080-40, DIN69871-A40, MAS403-BT40

TAV50.T

TESTA AD ANGOLO · *ANGLE HEAD*

TAV DIGITAL



PESO
WEIGHT

145 KG

ROTAZIONE
ROTATION

INPUT OUTPUT

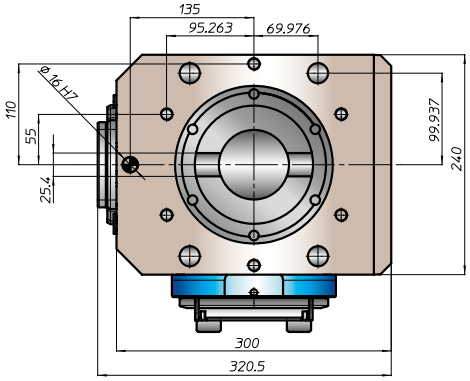
CARATTERISTICHE
FEATURES

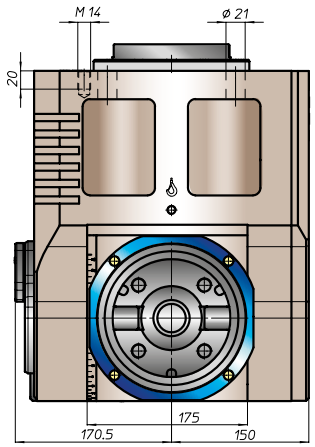
Ø45	M36	6180 N	1-2	4000	290	±0,014

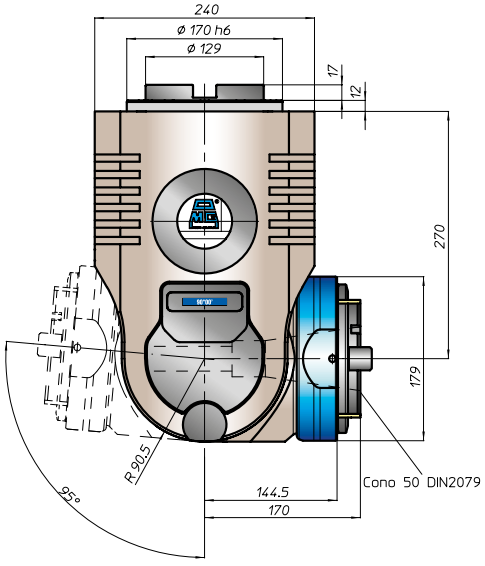
MANDRINI DISPONIBILI
AVAILABLE SPINDLES

HSK-A100 DIN69893-HSK

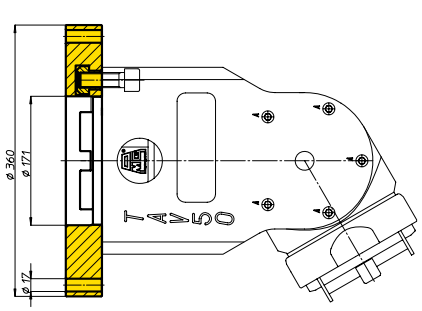
C8 COROMANT CAPTO®

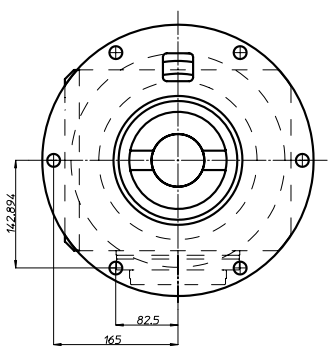






Esempio di collegamento / *Connection example*





Equipaggiamento standard:

- pressurizzazione mandrinio
- n. 4 ugelli orientabili vicino al mandrino
- regolazione angolare mandrino libera o posizionabile ogni 15°
- nel mandrino DIN2079 si possono utilizzare coni DIN69871-A50, MAS403-BT50

Standard equipment:

ï spindle front pr essurization
ï nr. 4 adjustable nozzle near the spindle
ï fr ee angle spindle adjustment or by pin each 15
ï on the spindle DIN2079 you can use shank DIN69871-A50, MAS403-BT50

TAV10.P

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

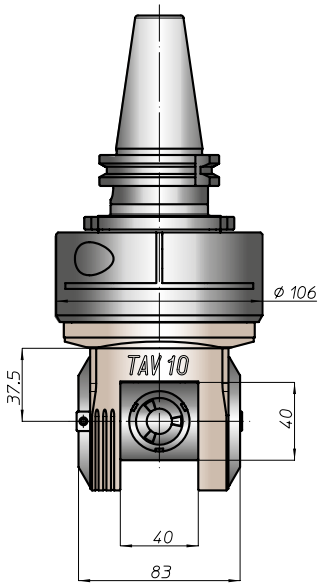
40 — 6,4 KG
50 — 8,5 KG

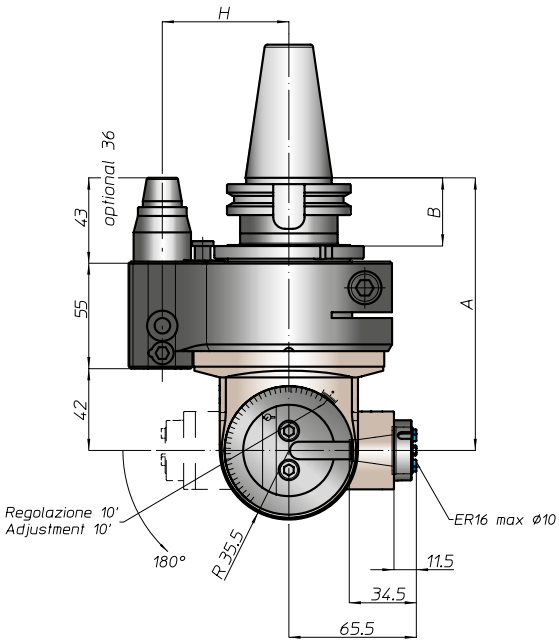
ROTAZIONE *ROTATION*

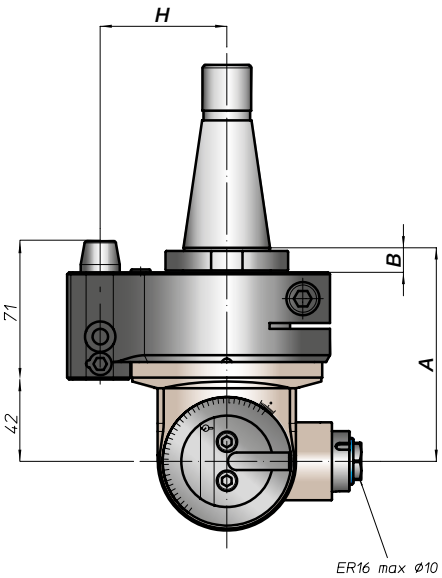
IN — INPUT
OUT — OUTPUT

CARATTERISTICHE *FEATURES*

Ø10	M8	550 N	1-1	8000	12
				RPM	Nm







CONO *SHANK*	DIN69871			CAT ANSIB5.50		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080		NMTB ANSIB5.18	
SIZE	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100	40	50	40	50
A	140			140		140	148	149			144			140			113	116	113	116
B	35			35		35	45	44	46			39	41				13	16	13	16
H STANDARD	65	80		65	80	65	80	65	80		65		80	65	80		65	80	65	80
H OPTIONAL		110			110		110		110				110		110			110		110

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV10.PD

TESTA AD ANGOLO • *ANGLE HEAD*

PESO
WEIGHT

40 — 6,4 KG
50 — 8,5 KG

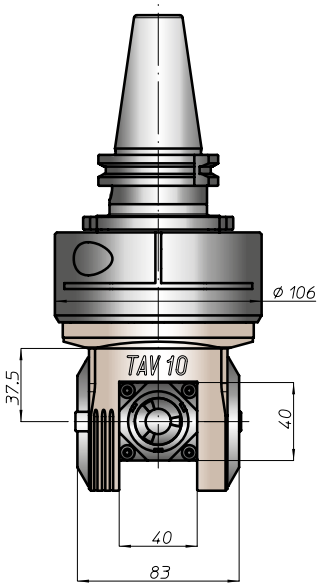
ROTAZIONE
ROTATION

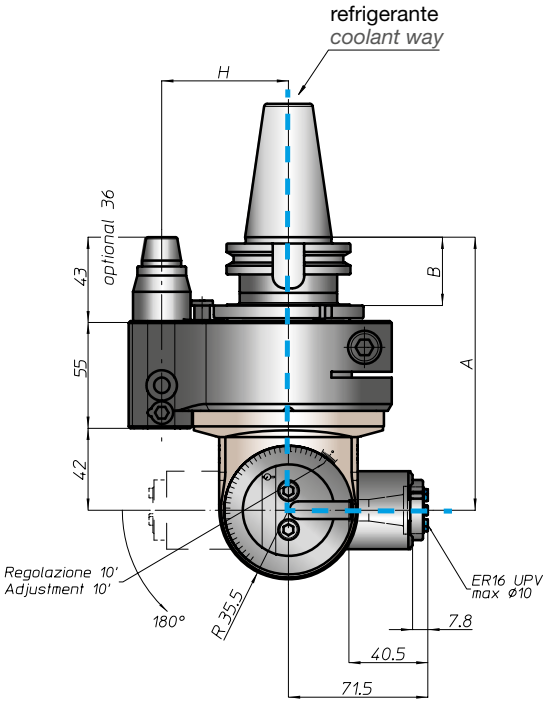
IN — INPUT
OUT — OUTPUT

CARATTERISTICHE
FEATURES

Ø10 | M8 | 550 N | 1-1 | 7000 RPM | 12 Nm | 70 BAR







CONO *SHANK*	DIN69871			ANSIB5.50		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080	ANSIB5.18
SIZE	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100		
A	140			140		140	148	149			144			140				
B	35			35		35	45	44	46			39	41					
H STANDARD	65	80		65	80	65	80	65	80		65		80	65	80			
H OPTIONAL		110			110		110		110				110		110			

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV13.P

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

40 — 7,8 KG
50 — 10,5 KG

ROTAZIONE *ROTATION*

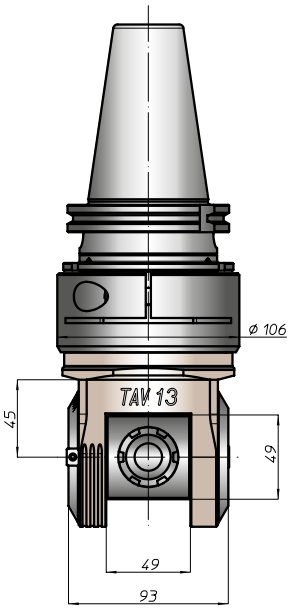
IN — INPUT
OUT — OUTPUT

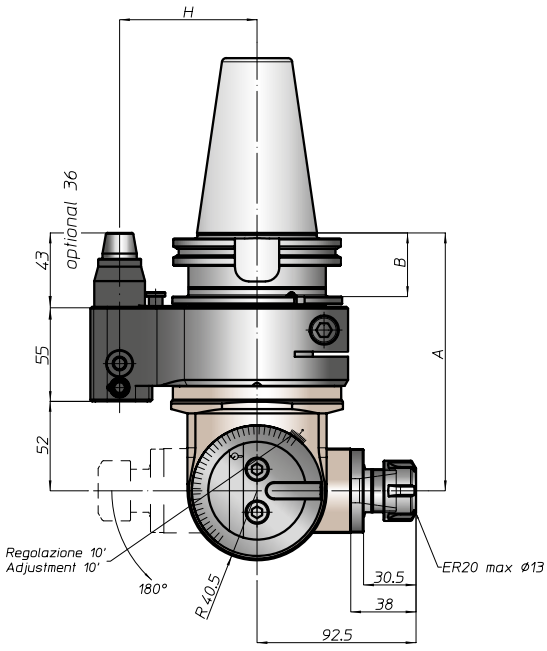
CARATTERISTICHE *FEATURES*

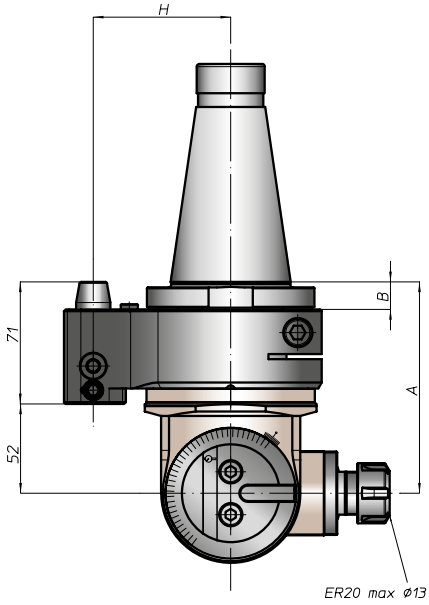
Ø13	M10	630 N	1-1	6000	18
				RPM	Nm

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

ER25 DIN6499-ER
Ø16 WELDON WHISTLE-NOTCH







CONO *SHANK*	DIN69871			CAT ANSIB5.50		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080		NMTB ANSIB5.18	
SIZE	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100	40	50	40	50
A	150			150		150	158	159			154			150			120	123	120	123
B	35			35		35	45	44	46			39	41				13	16	13	16
H STANDARD	65	80		65	80	65	80	65	80		65	80		65	80		65	80	65	80
H OPTIONAL		110			110		110		110			110			110			110		110

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV13.PD

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

40 — 7,8 KG
50 — 10,5 KG

ROTAZIONE *ROTATION*

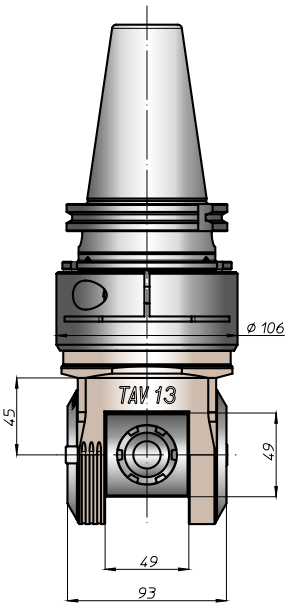
IN — INPUT → OUT — OUTPUT

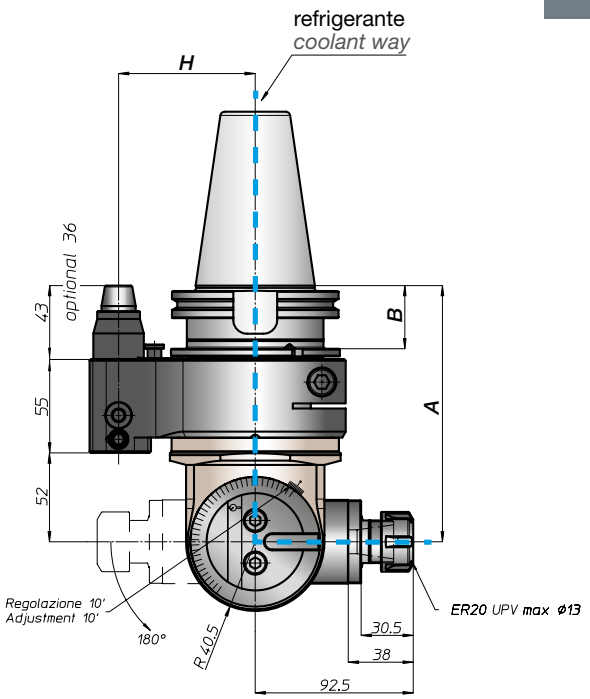
CARATTERISTICHE *FEATURES*

Ø13 · M10 · 630 N · 1-1 · RPM 5500 · Nm 18 · BAR 70 BAR

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

ER25 DIN6499-ER
Ø16 WELDON WHISTLE-NOTCH





CONO *SHANK*	DIN69871			ANSIB5.50		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080	NMTB ANSIB5.18
SIZE	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100	40	
A	150			150		150	158	159			154			150			120	
B	35			35		35	45	44	46			39	41				13	
H STANDARD	65	80		65	80	65	80	65	80		65		80	65	80		65	
H OPTIONAL		110			110		110		110				110		110			

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV20.P

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

22 KG

ROTAZIONE *ROTATION*

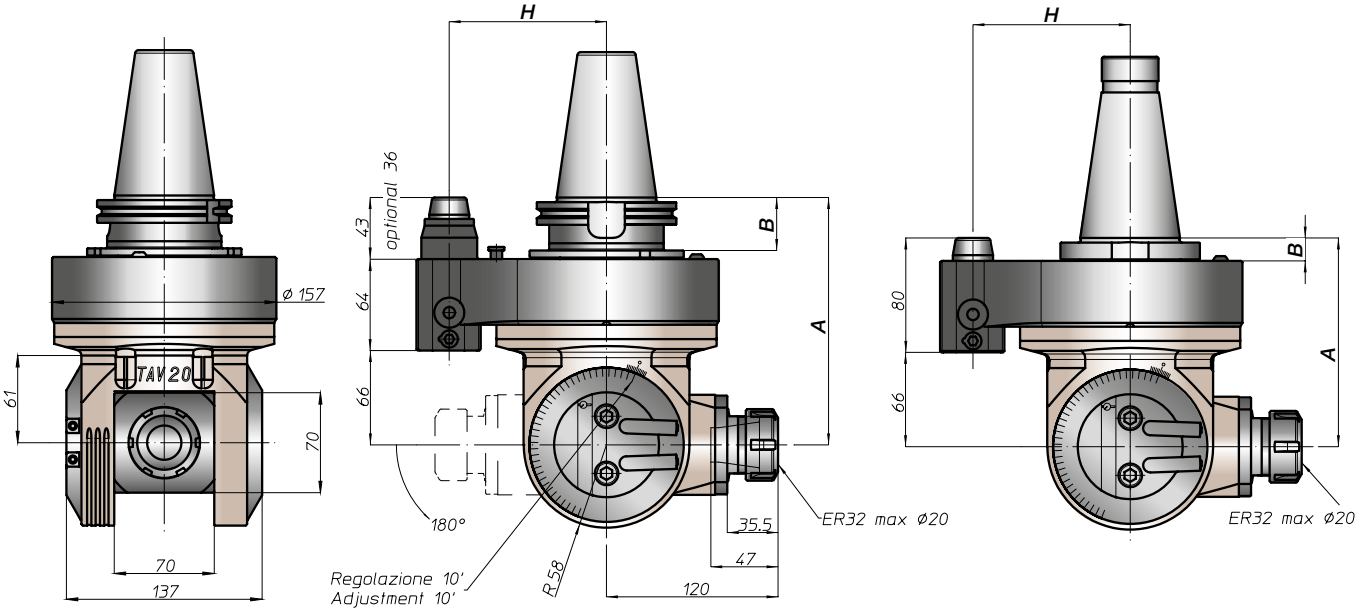
INPUT OUTPUT

CARATTERISTICHE *FEATURES*

Ø20 | M16 | 1740 N | 1-1 | 4000 | 60

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

- ER40 DIN6499-ER
- Ø32 PORTAFRESE FACE MILL ARBOR
- Ø20-Ø25 WELDON WHISTLE-NOTCH
- HSK50 DIN69893-HSK
- ABS50 LICENZA KOMET® KOMET LICENCE®



	DIN69871	ANSIB5.50	BT	HSK		CAPTO	KM	DIN2080	ANSIB5.18
CONO *SHANK*		CAT							NMTB
SIZE	50	50	50	80	100	C8	100	50	50
A	173	173	181	182		177	173	149	149
B	35	35	45	46		41		16	16
H STANDARD	110	110	110	110		110	110	110	110
H OPTIONAL									

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV20.PD

TESTA AD ANGOLO • *ANGLE HEAD*



PESO
WEIGHT

22 KG

ROTAZIONE
ROTATION

INPUT OUTPUT

CARATTERISTICHE
FEATURES

Ø20 | M16 | 1740 N | 1-1 | 4000 RPM | 60 Nm | 70 BAR

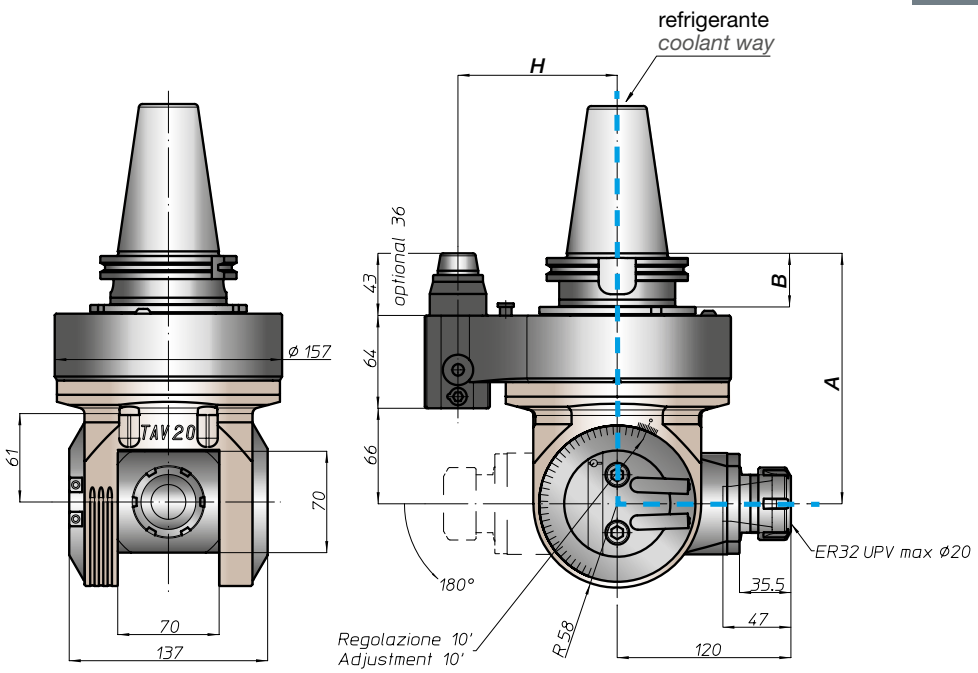
MANDRINI DISPONIBILI
AVAILABLE SPINDLES

ER40 DIN6499-ER

Ø20-Ø25 WELDON WHISTLE-NOTCH

HSK50 DIN69893-HSK

ABS50 LICENZA KOMET® KOMET LICENCE®



CONO *SHANK*	DIN69871	ANSIB5.50	CAT	BT	HSK		CAPTO	KM	DIN2080	NMTB
							ISO26623			ANSIB5.18
SIZE	50	50	50	50	80	100	C8	100		
A	173	173	181	182			177	173		
B	35	35	45	46			41			
H STANDARD	110	110	110	110			110	110		
H OPTIONAL										

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV30.P

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

42 KG

ROTAZIONE *ROTATION*

INPUT OUTPUT

CARATTERISTICHE *FEATURES*

Ø30 M24 2740 N 1-1 2500 130

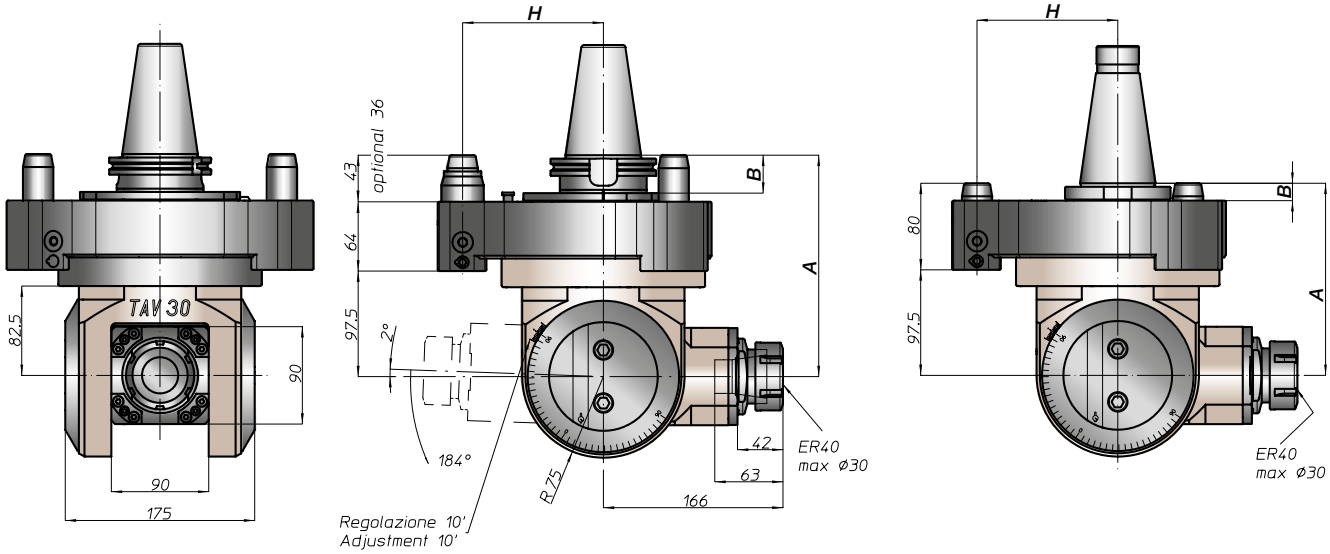
MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

ER50 DIN6499-ER

Ø32-Ø40 PORTAFRESE FACE MILL ARBOR

HSK63 DIN69893-HSK

ABS63 LICENZA KOMET® KOMET LICENCE®



	CONO *SHANK*	DIN69871	CAT ANSIB5.50	BT	HSK	CAPTO ISO26623	KM	DIN2080	NMTB ANSIB5.18
SIZE		50	50	50	100	C8	100	50	50
A		204,5	204,5	212,5	213,5	208,5	204,5	177,5	177,5
B		35	35	45	46	41		16	16
H STANDARD		130	130	130	130	130	130	130	130
H OPTIONAL									

For DIN69871, ANSIB5.50 and BT, dual contact as option

TAV40T
TESTA AD ANGOLO · *ANGLE HEAD*

PESO
WEIGHT

70 KG

ROTAZIONE
ROTATION

INPUT OUTPUT

CARATTERISTICHE
FEATURES

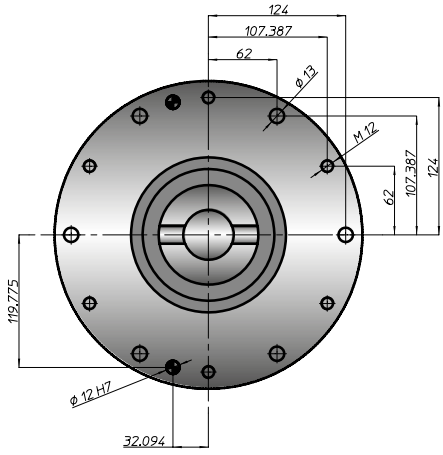
Ø32	M26	2610 N	1-2	5000 OUTPUT	230

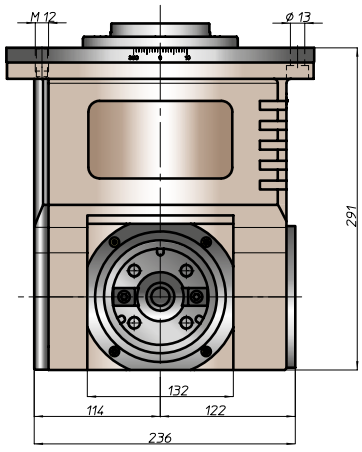
MANDRINI DISPONIBILI
AVAILABLE SPINDLES

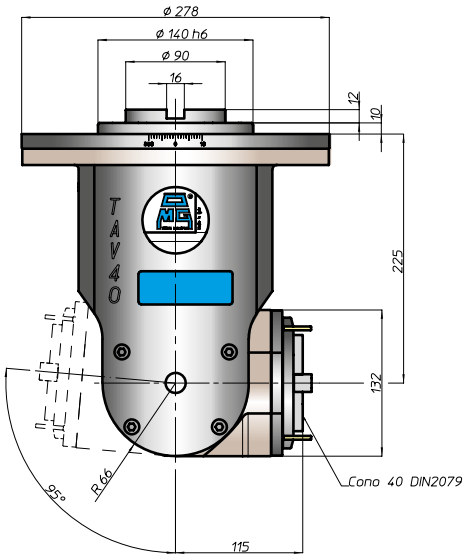
HSK63 DIN69893-HSK

C5 COROMANT CAPTO®

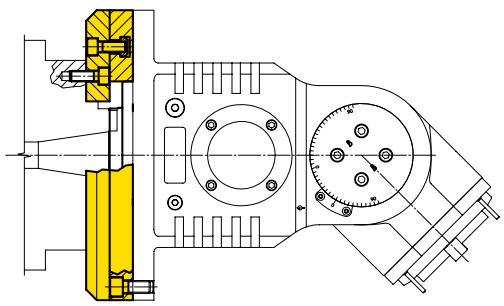








Esempio di collegamento / *Connection example*



Equipaggiamento standard:

- pressurizzazione mandrinio
- n. 4 ugelli orientabili vicino al mandrino
- regolazione angolare mandrino libera
- nel mandrino DIN2079 si possono utilizzare coni DIN2080-40, DIN69871-A40, MAS403-BT40

Standard equipment:

- spindle front pressurization
- nr. 4 adjustable nozzle near the spindle
- free angle spindle adjustment
- on the spindle DIN2079 you can use shank DIN2080-40, DIN69871-A40, MAS403-BT40

TAV50.T

TESTA AD ANGOLO · *ANGLE HEAD*

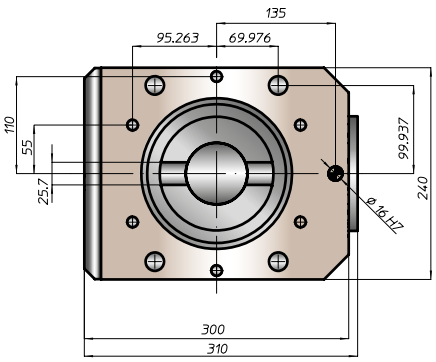


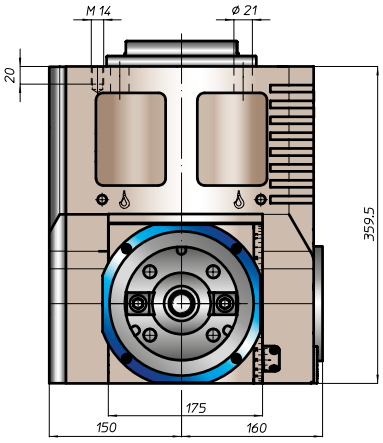
PESO *WEIGHT*
145 KG

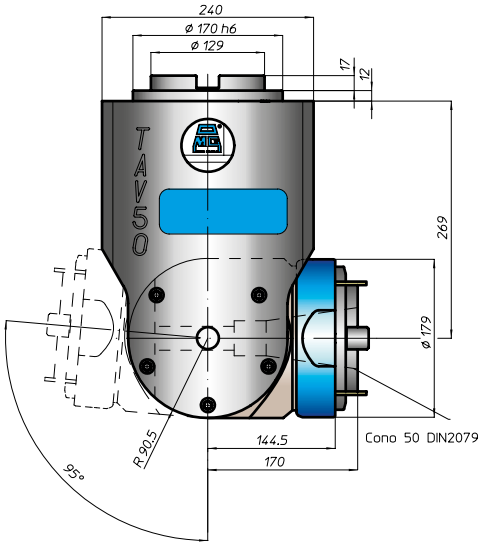
ROTAZIONE *ROTATION*
INPUT OUTPUT

CARATTERISTICHE *FEATURES*
Ø45 M36 6180 N 1-2 4000 OUTPUT RPM 290 Nm

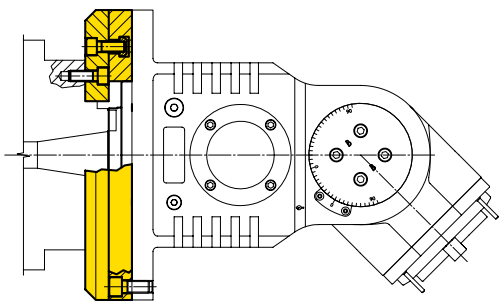
MANDRINI DISPONIBILI *AVAILABLE SPINDLES*
HSK A100 DIN69893-HSK
C8 COROMANT CAPTO®







Esempio di collegamento / *Connection example*



Equipaggiamento standard:

- pressurizzazione mandrinio
- n. 4 ugelli orientabili vicino al mandrino
- regolazione angolare mandrino libera o posizionabile ogni 15°
- nel mandrino DIN2079 si possono utilizzare coni DIN69871-A50, MAS403-BT50

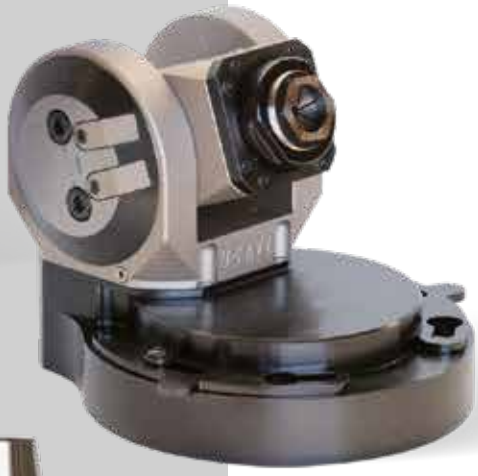
Standard equipment:

ï spindle front pr essurization
ï nr. 4 adjustable nozzle near the spindle
ï fr ee angle spindle adjustment or by pin each 15
ï on the spindle DIN2079 you can use shank DIN69871-A50, MAS403-BT50













TAV
GALLERY

TAF

GALLERY













TAF10.P

TESTA AD ANGOLO • *ANGLE HEAD*

PESO
WEIGHT

40 — 5,5 KG
50 — 7 KG

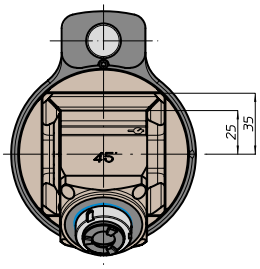
ROTAZIONE
ROTATION

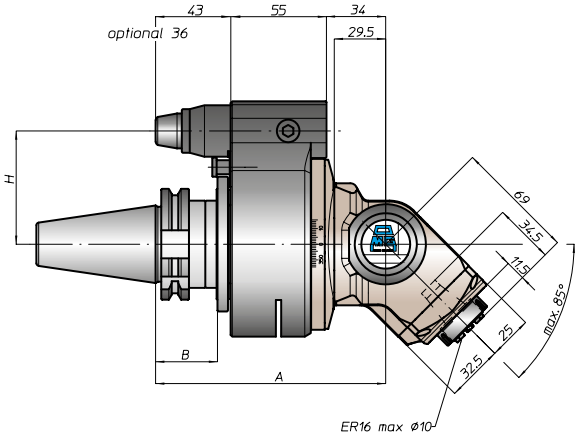
IN — INPUT
OUT — OUTPUT

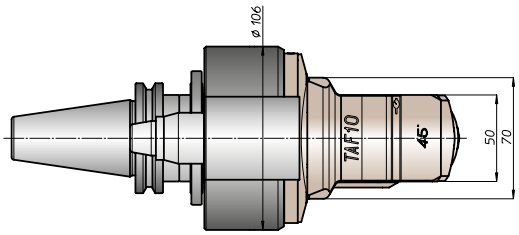
CARATTERISTICHE
FEATURES

Ø10	M8	510 N	1-1	5000	21
				RPM	Nm









CONO *SHANK*	DIN69871				CAT ANSIB5.50		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080	NMTB ANSIB5.18
SIZE	30	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100		
A	132				132		132	140	141			136			132				
B	35				35		35	45	44	46			39	41					
H STANDARD	65	80			65	80	65	80	65	80		65		80	65	80			
H OPTIONAL		110				110		110		110				110		110			

TAF13.P

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

40 — 6,5 KG
50 — 8,5 KG

ROTAZIONE *ROTATION*

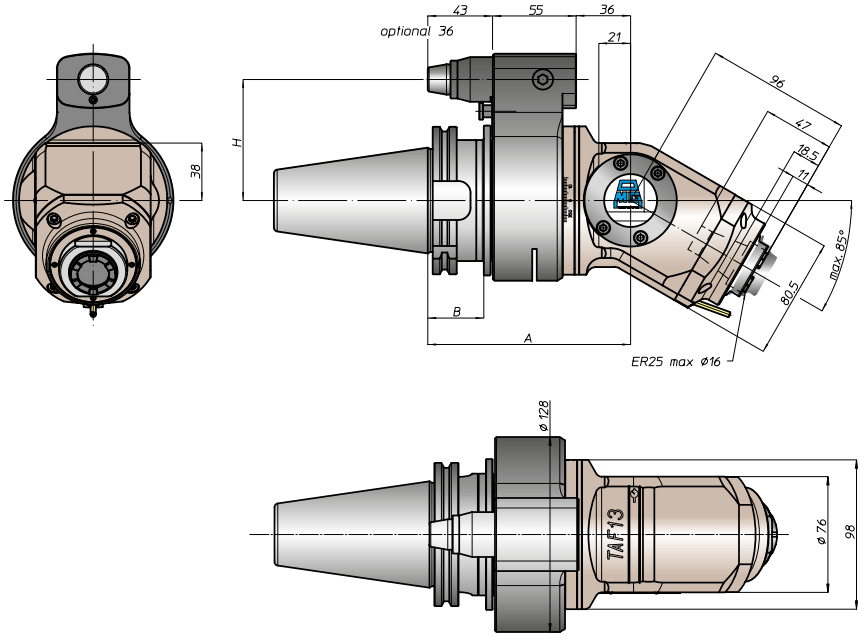
IN — INPUT
OUT — OUTPUT

CARATTERISTICHE *FEATURES*

Ø13	M10	900 N	1-1	4000	35
				RPM	Nm

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

HSK32 DIN69893-HSK



CONO *SHANK*	DIN69871			CAT ANSIB5.50		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080	NMTB ANSIB5.18
SIZE	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100		
A	134			134		134	142	143			138			134				
B	35			35		35	45	44	46			39	41					
H STANDARD	65	80		65	80	65	80	65	80		65		80	65	80			
H OPTIONAL		110			110		110		110				110		110			

TAF13.PD

TESTA AD ANGOLO · *ANGLE HEAD*



PESO
WEIGHT

40 — 6,5 KG
50 — 8,5 KG

ROTAZIONE
ROTATION

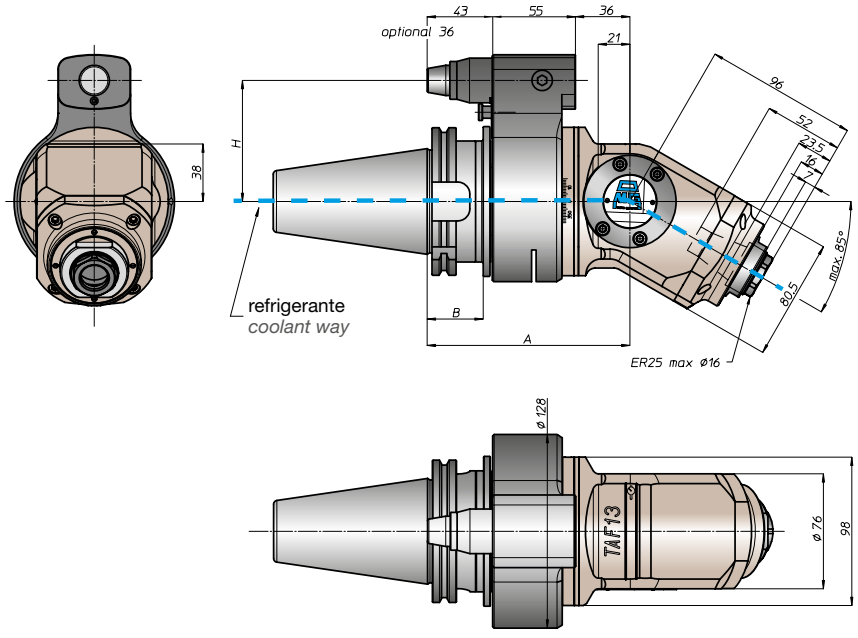
IN — INPUT → OUT — OUTPUT

CARATTERISTICHE
FEATURES

Ø13 | M10 | 900 N | 1-1 | RPM 4000 | Nm 35 | BAR 70 BAR

MANDRINI DISPONIBILI
AVAILABLE SPINDLES

HSK32 DIN69893-HSK



CONO *SHANK*	DIN69871			CAT ANSIB5.50		BT		HSK DIN69893			CAPTO ISO26623			KM			DIN2080	NMTB ANSIB5.18
SIZE	40	45	50	40	50	40	50	63	80	100	C5	C6	C8	63	80	100		
A	134			134		134	142	143			138			134				
B	35			35		35	45	44	46			39	41					
H STANDARD	65	80		65	80	65	80	65	80		65		80	65	80			
H OPTIONAL		110			110		110		110				110		110			

TAF20.P

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

13,5 KG

ROTAZIONE *ROTATION*

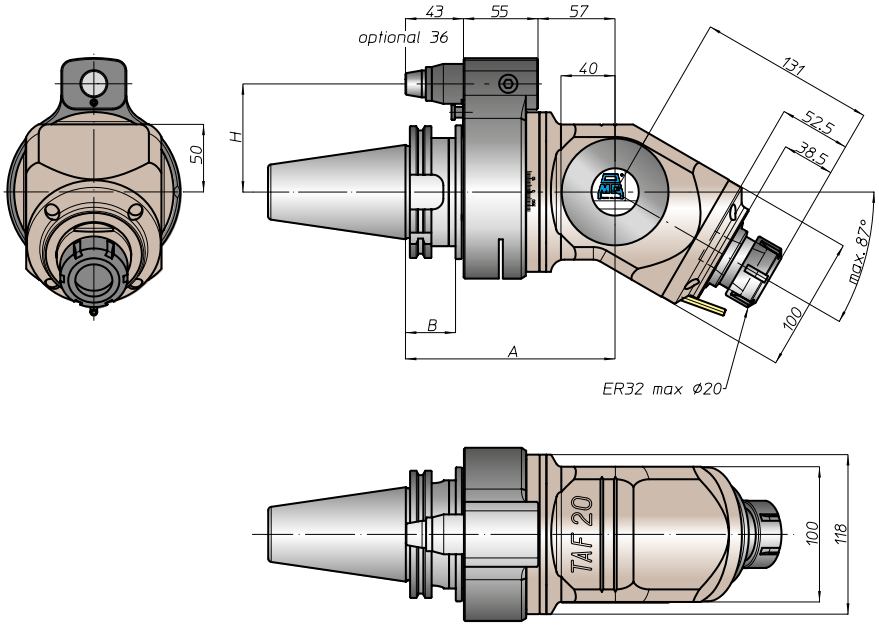
INPUT OUTPUT

CARATTERISTICHE *FEATURES*

Ø20	M26	1610 N	1-1	3000	79
				RPM	Nm

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

- ER40 DIN6499-ER
- Ø32 PORTAFRESE FACE MILL ARBOR
- Ø20 WELDON WHISTLE-NOTCH
- HSK50 DIN69893-HSK
- ABS50 LICENZA KOMET® KOMET LICENCE®



		CAT	BT	HSK	CAPTO	KM		NMTB
CONO *SHANK*	DIN69871	ANSIB5.50		DIN69893	ISO26623		DIN2080	ANSIB5.18
SIZE	45 / 50	50	50	80 / 100	C6 / C8	80 / 100		
A	155	155	163	164	159	155		
B	35	35	45	46	41			
H STANDARD	80	80	80	80	80	80		
H OPTIONAL	110	110	110	110	110	110		

TAF20.PD

TESTA AD ANGOLO • *ANGLE HEAD*



PESO
WEIGHT

13,5 KG

ROTAZIONE
ROTATION

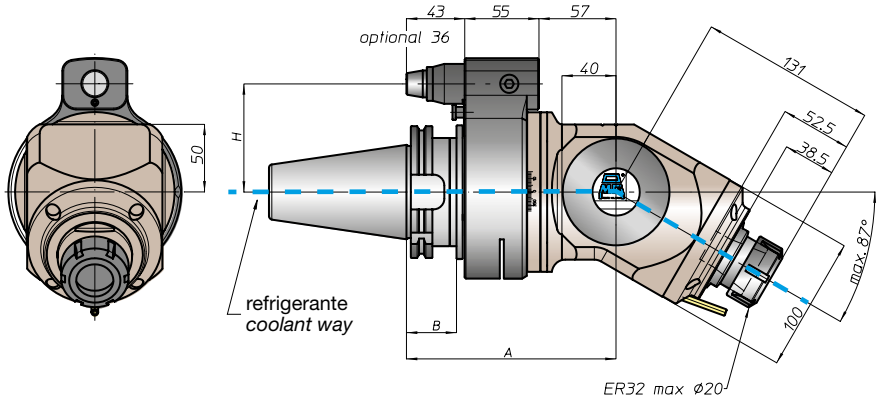
INPUT — OUTPUT

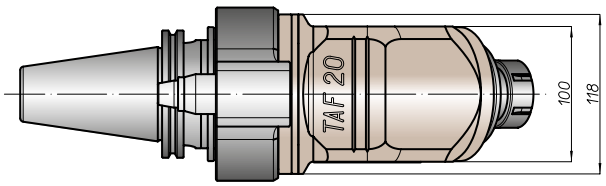
CARATTERISTICHE
FEATURES

Ø20 | M16 | 1610 N | 1-1 | 3000 RPM | 79 Nm | 70 BAR

MANDRINI DISPONIBILI
AVAILABLE SPINDLES

- ER40 DIN6499-ER
- Ø20 WELDON WHISTLE-NOTCH
- HSK50 DIN69893-HSK
- ABS50 LICENZA KOMET® KOMET LICENCE®





CONO *SHANK*	DIN69871		CAT ANSIB5.50	BT	HSK DIN69893		CAPTO ISO26623		KM		DIN2080	NMTB ANSIB5.18
SIZE	45	50	50	50	80	100	C6	C8	80	100		
A	155		155	163	164		159		155			
B	35		35	45	46			41				
H STANDARD	80		80	80	80		80		80			
H OPTIONAL	110		110	110	110		110		110			

TA07PT

TESTA AD ANGOLO · *ANGLE HEAD*



HEAD EXTENSION

KG KG

1,5 KG L 100=2,2 KG
L 200=3,6 KG

PESO
WEIGHT

IN OUT

INPUT OUTPUT

ROTAZIONE
ROTATION

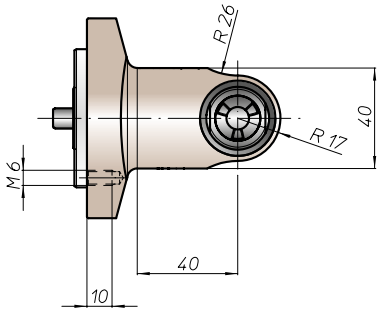
Ø7 M6 180 N 1-1 RPM 10000 Nm 11

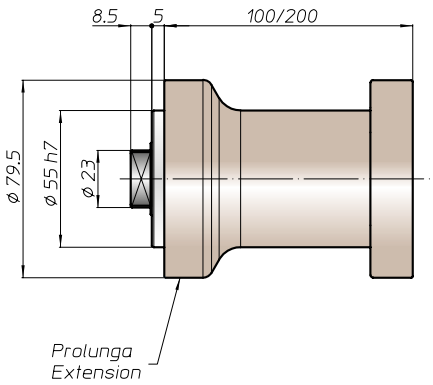
CARATTERISTICHE
FEATURES

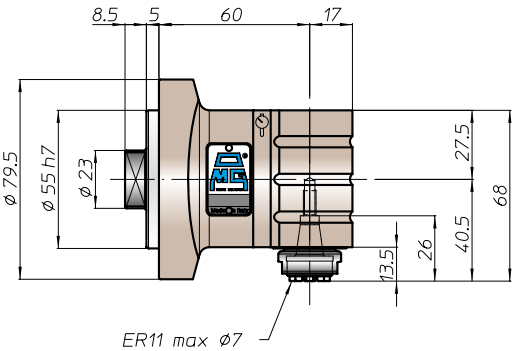


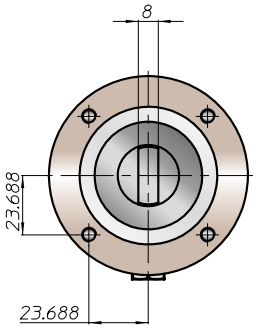
Ø8-Ø10
WELDON
WHISTLE-NOTCH

MANDRINI
DISPONIBILI
AVAILABLE
SPINDLES

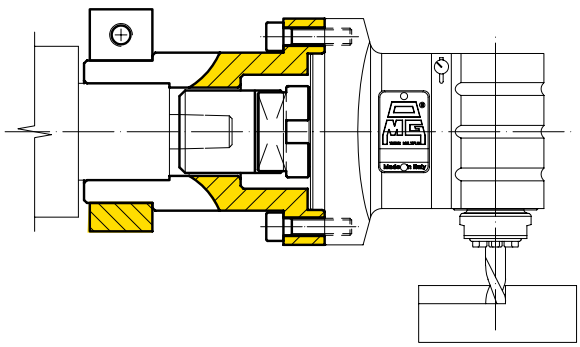








Esempio di collegamento / *Connection example*



TA10PT

TESTA AD ANGOLO · *ANGLE HEAD*



PESO
WEIGHT

HEAD: 2,7 KG

EXTENSION: L 100=2,2 KG
L 200=3,6 KG

ROTAZIONE
ROTATION

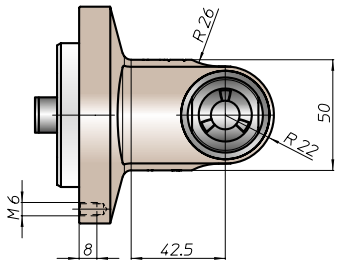
INPUT — OUTPUT

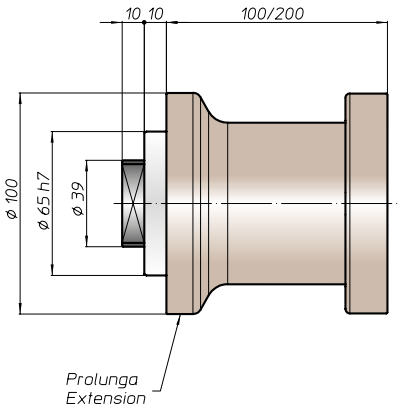
CARATTERISTICHE
FEATURES

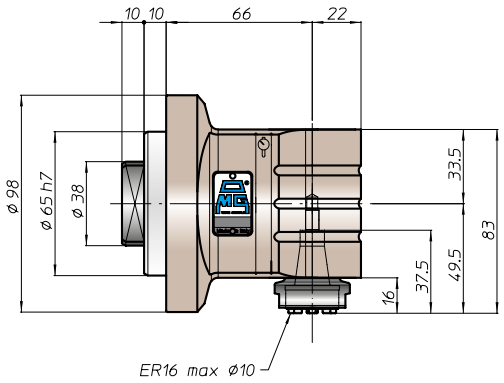
Ø10	M8	400 N	1-1	10000 RPM	14 Nm

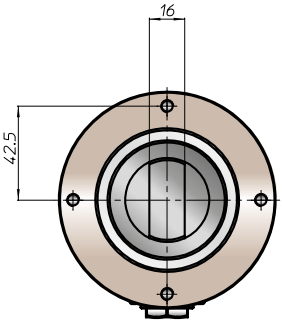
MANDRINI DISPONIBILI
AVAILABLE SPINDLES

- ER20 DIN6499-ER
- Ø16 PORTAFRESE / FACE MILL ARBOR
- Ø10 WELDON WHISTLE-NOTCH

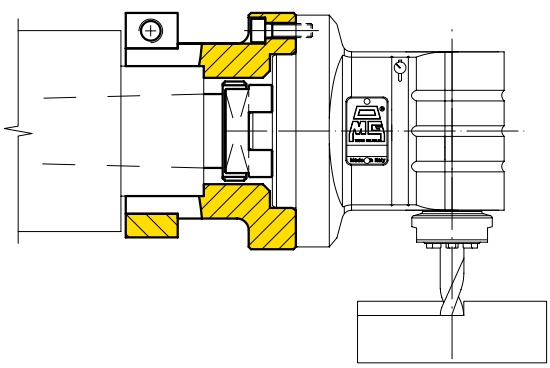








Esempio di collegamento / *Connection example*



TA13PT

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

3,5 KG

ROTAZIONE *ROTATION*

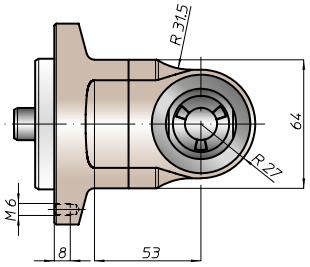
INPUT OUTPUT

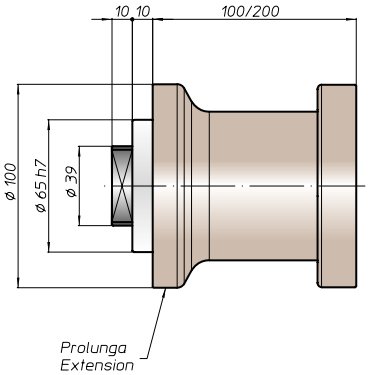
CARATTERISTICHE *FEATURES*

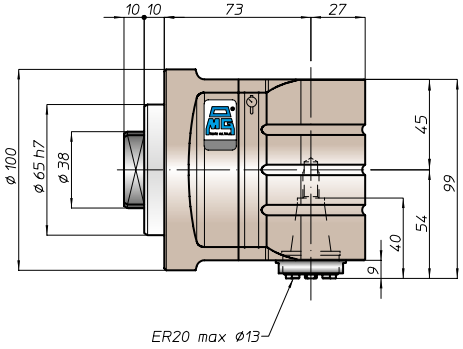
Ø13	M10	810 N	1-1	8000	38
				RPM	Nm

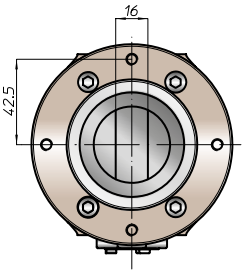
MANDRINI DISPONIBILI *AVAILABLE SPINDLES*



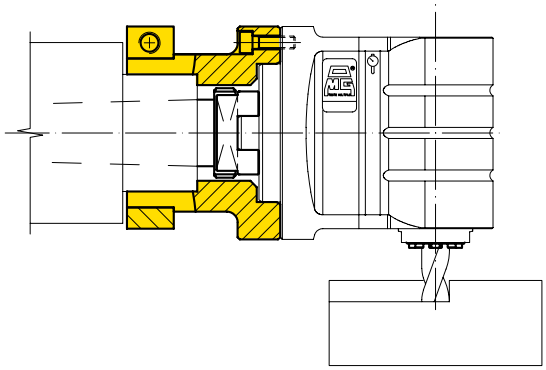








Esempio di collegamento / *Connection example*



TA16PT

TESTA AD ANGOLO · *ANGLE HEAD*



PESO
WEIGHT

HEAD: 5 KG

EXTENSION: L 100=5 KG
L 200=8,5 KG

ROTAZIONE
ROTATION

INPUT

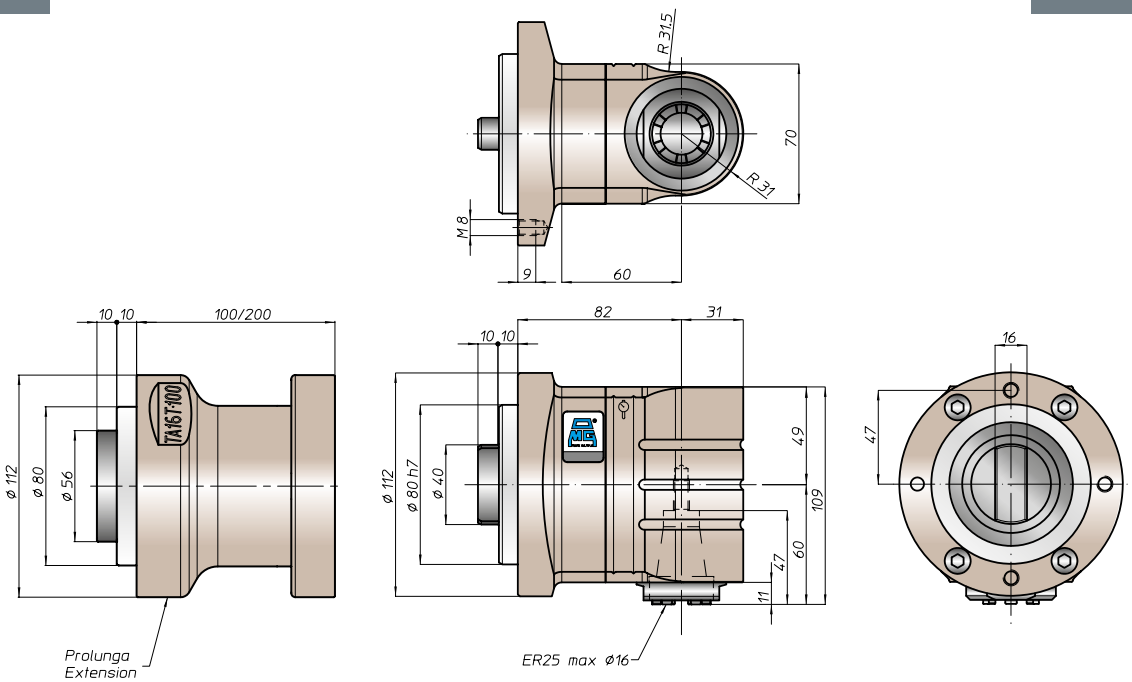
OUTPUT

CARATTERISTICHE
FEATURES

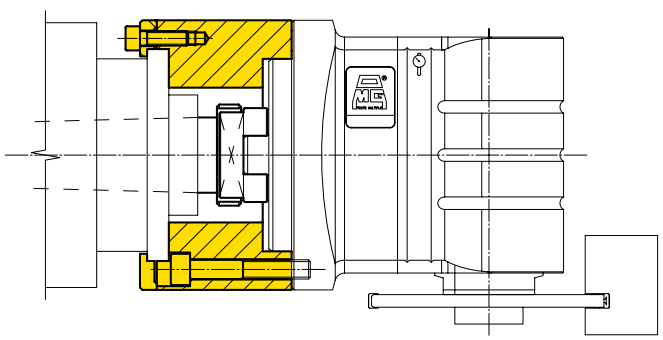
Ø16 | M12 | 1040 N | 1-1 | 5000 RPM | 55 Nm

MANDRINI DISPONIBILI
AVAILABLE SPINDLES

- ER32 DIN6499-ER
- Ø16-Ø22-Ø27-Ø32 PORTAFRESE / FACE MILL ARBOR
- Ø20 WELDON WHISTLE-NOTCH
- HSK32 DIN69893-HSK
- C3 COROMANT CAPTO®
- ABS32 LICENZA KOMET® / KOMET LICENCE®



Esempio di collegamento / *Connection example*



TA20.PT

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

HEAD: 7,5 KG

EXTENSION: L 100=7,5 KG; L 200=15 KG

ROTAZIONE *ROTATION*

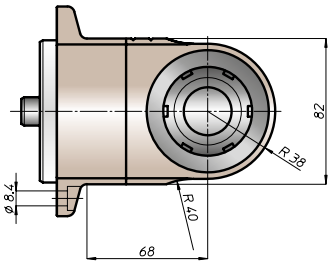
INPUT — OUTPUT

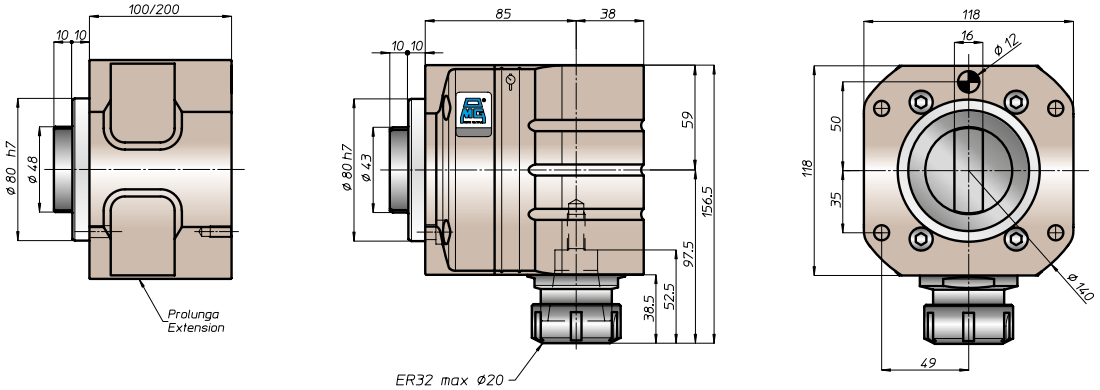
CARATTERISTICHE *FEATURES*

Ø20	M14	1460 N	1-1	3500	90
				RPM	Nm

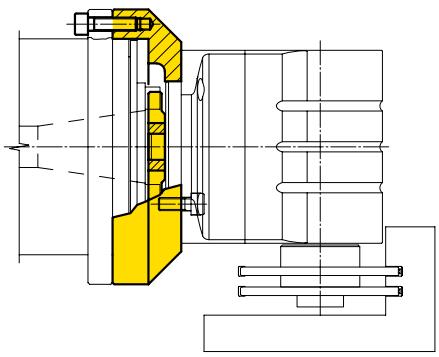
MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

- ER40 DIN6499-ER
- Ø22-Ø27-Ø32 PORTAFRESE FACE MILL ARBOR
- Ø20-Ø25 WELDON WHISTLE-NOTCH
- HSK40 DIN69893-HSK
- C4 COROMANT CAPTO®
- ABS40 LICENZA KOMET® KOMET LICENCE®





Esempio di collegamento / *Connection example*



TA20.30.T

TESTA AD ANGOLO · *ANGLE HEAD*

PESO
WEIGHT

HEAD EXTENSION

7,5 KG L 100=7,5 KG
L 200=15 KG

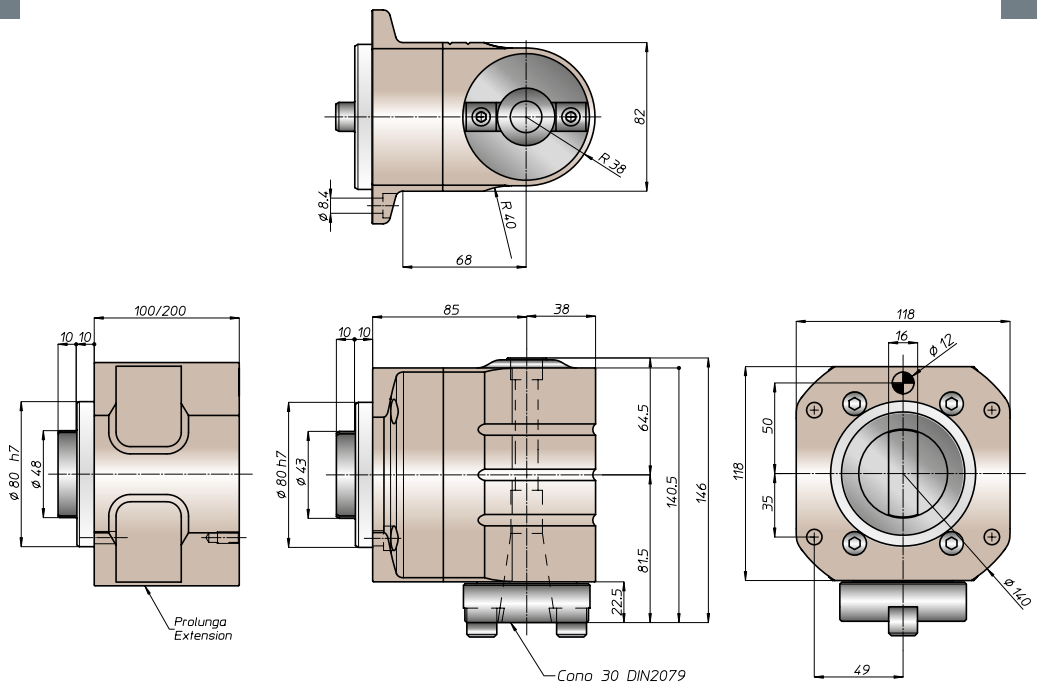
ROTAZIONE
ROTATION

INPUT OUTPUT

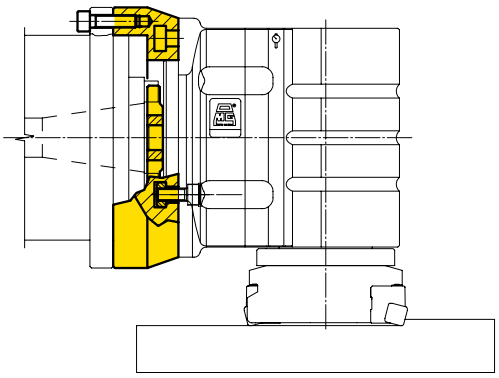
CARATTERISTICHE
FEATURES

Ø20	M14	1460 N	1-1	3500	90





Esempio di collegamento / *Connection example*



Nota

nel mandrino DIN2079 si possono utilizzare coni DIN2080-30, DIN69871-A30,MAS403-BT30

Note

on the spindle DIN2079 you can us shank DIN2080-30, DIN69871-A30, MAS403-BT30

TA26.PT

TESTA AD ANGOLO · *ANGLE HEAD*



HEAD / EXTENSION

13,5 KG — L 100=12,5 KG, L 200=24 KG

PESO *WEIGHT*

INPUT — OUTPUT

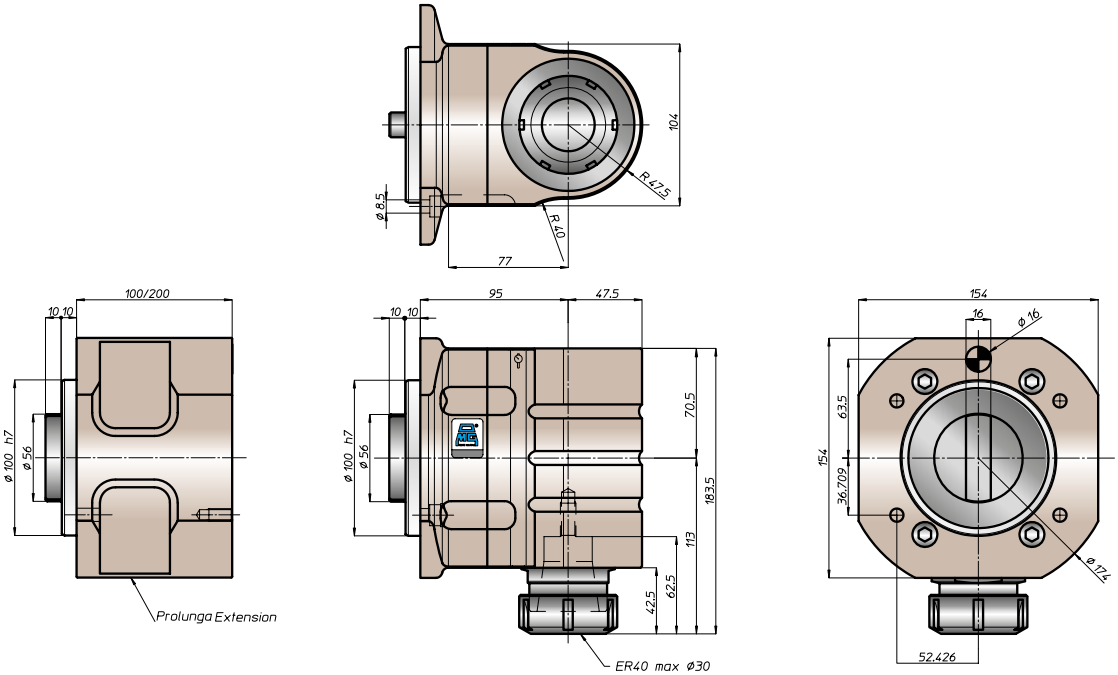
ROTAZIONE *ROTATION*

Ø26	M20	3020 N	1-1	2500	165

CARATTERISTICHE *FEATURES*

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

- Ø16-Ø27-Ø32 PORTAFRESE / FACE MILL ARBOR
- Ø32 WELDON / WHISTLE-NOTCH
- HSK63 DIN69893-HSK
- C4 COROMANT CAPTO®
- ABS50 LICENZA KOMET® / KOMET LICENCE®



Esempio di collegamento / *Connection example*



TA26.40.T

TESTA AD ANGOLO · *ANGLE HEAD*

PESO
WEIGHT

HEAD: 40 — 13,5 KG
EXTENSION: 50 — L 100=12,5 KG
L 200=24 KG

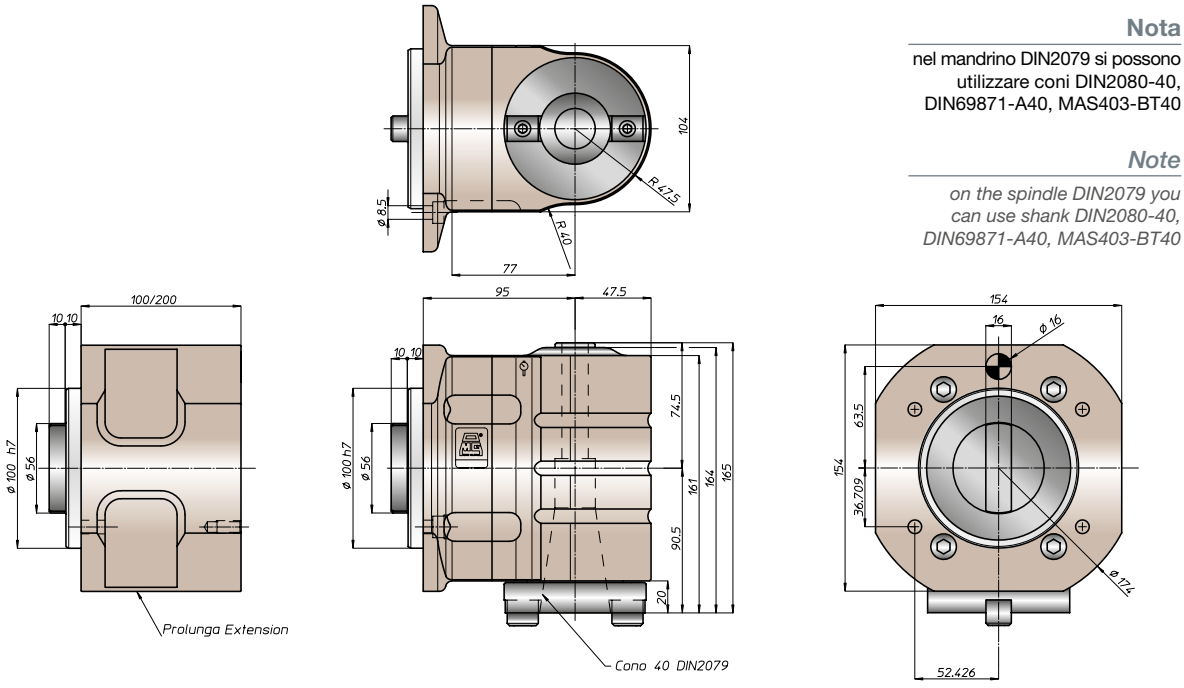
ROTAZIONE
ROTATION

IN — INPUT
OUT — OUTPUT

CARATTERISTICHE
FEATURES

Ø26	M20	3020 N	1-1	2500	165
				RPM	Nm





Nota

nel mandrino DIN2079 si possono utilizzare coni DIN2080-40, DIN69871-A40, MAS403-BT40

Note

on the spindle DIN2079 you can use shank DIN2080-40, DIN69871-A40, MAS403-BT40

Esempio di collegamento / *Connection example*



TA30.PT

TESTA AD ANGOLO · *ANGLE HEAD*



HEAD

18,5 KG

PESO
WEIGHT

INPUT OUTPUT

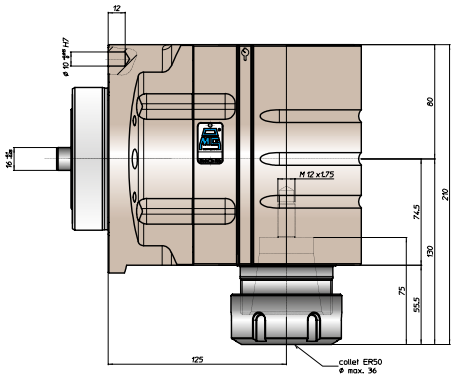
ROTAZIONE
ROTATION

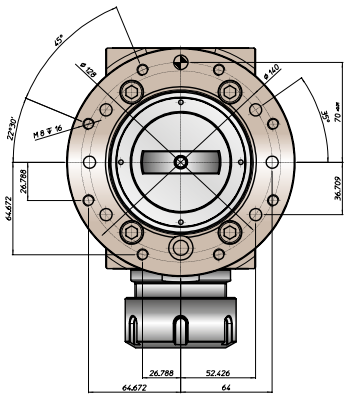
Ø30	M24	4700 N	1-1	2500	194

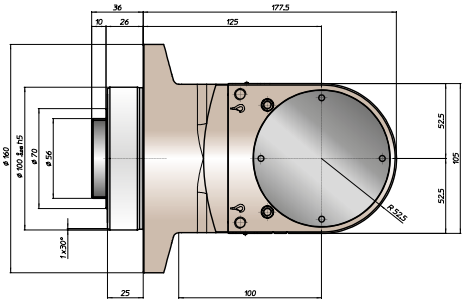
CARATTERISTICHE
FEATURES



MANDRINI
DISPONIBILI
AVAILABLE
SPINDLES







Esempio di collegamento / *Connection example*



TA30.40.T

TESTA AD ANGOLO • *ANGLE HEAD*



PESO
WEIGHT

HEAD

40

18,3 KG

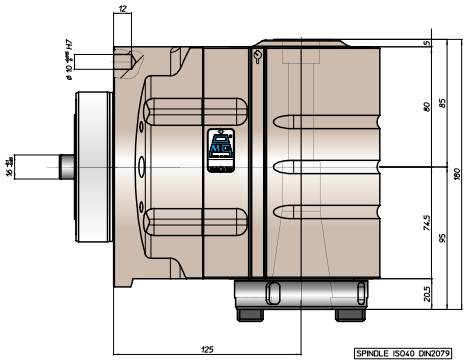
ROTAZIONE
ROTATION

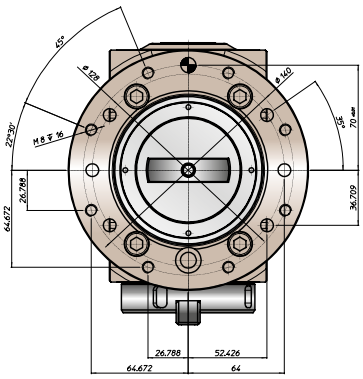
IN — INPUT

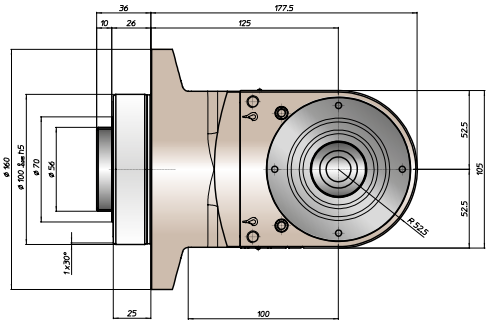
OUT — OUTPUT

CARATTERISTICHE
FEATURES

Ø30	M24	4700 N	1-1	2500 RPM	194 Nm







Nota

nel mandrino DIN2079 si possono utilizzare coni DIN2080-40, DIN69871-A40, MAS403-BT40

Note

on the spindle DIN2079 you can use shank DIN2080-40, DIN69871-A40, MAS403-BT40

Esempio di collegamento / *Connection example*



TA40.T

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

HEAD	EXTENSION
33 KG	L 200=26,5 KG

ROTAZIONE *ROTATION*

INPUT	OUTPUT
IN	OUT

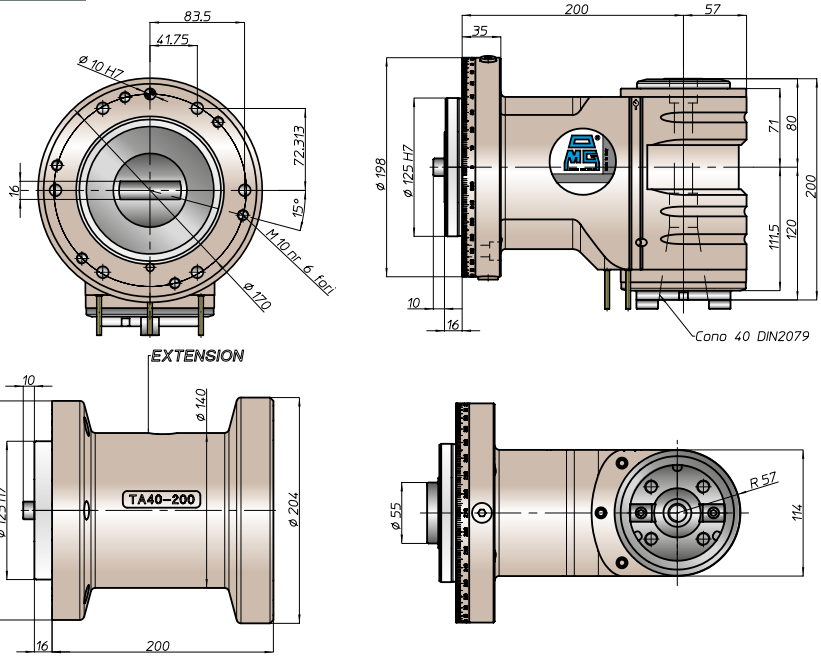
CARATTERISTICHE *FEATURES*

Ø32	M26	2000 N	1-1	5000	230
				RPM	Nm

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

HSK63 DIN69893-HSK

C5 COROMANT CAPTO®



Equipaggiamento standard:

- pressurizzazione mandrino
- n. 3 ugelli orientabili vicino al mandrino
- nel mandrino DIN2079 si possono utilizzare coni DIN2080-40, DIN69871-A40, MAS403-BT40

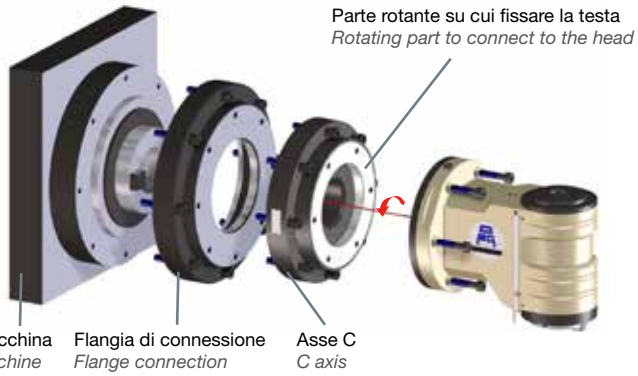
Standard equipment:

- *spindle front pressurization*
- *nr. 3 adjustable nozzle near the spindle*
- *on the spindle DIN2079 you can use shank DIN2080-40, DIN69871-A40, MAS403-BT40*

Utilizzo su asse C manuale / *Manual C axis*

- Nuovo Asse C a rotazione manuale
- Compatto, semplice e preciso
- Bloccaggio rotazione su cava a T
- Rotazione libera su cuscinetto a rulli incrociati
- Facilità di posizionamento

- *New C Axis with manual rotation*
- *Space-saving, user friendly and precise*
- *Rotation lock on T slot*
- *Free rotation on crossed roller bearings*
- *Easy set up*



TA40TD

TESTA AD ANGOLO • *ANGLE HEAD*



PESO
WEIGHT

HEAD 40 — EXTENSION 50

33 KG L 200=26,5 KG

ROTAZIONE
ROTATION

IN → OUT

INPUT OUTPUT

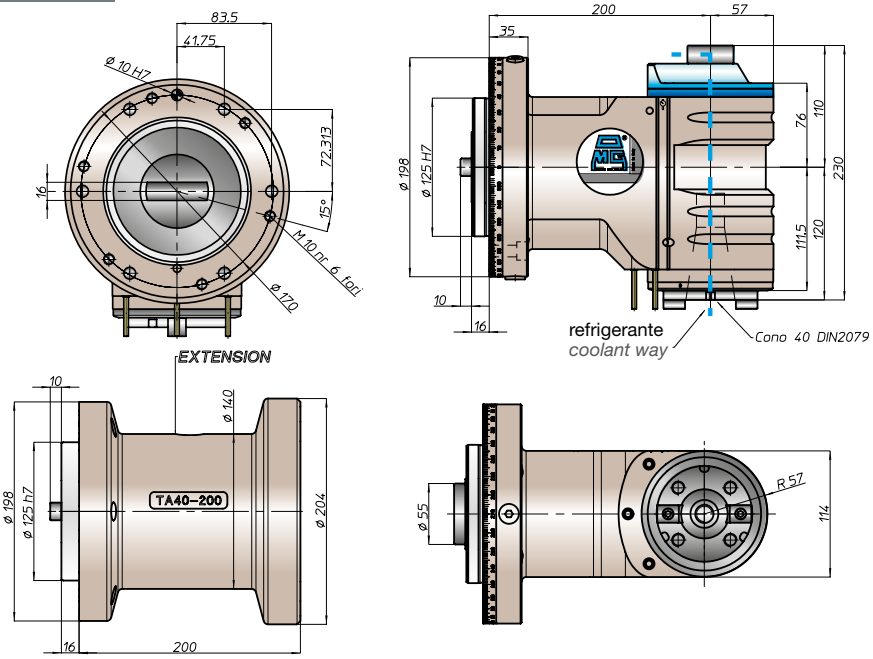
CARATTERISTICHE
FEATURES

Ø32 | M26 | 2000 N | 1-1 | RPM 5000 | Nm 230 | BAR 70 BAR

MANDRINI DISPONIBILI
AVAILABLE SPINDLES

HSK63 DIN69893-HSK

C5 COROMANT CAPTO®



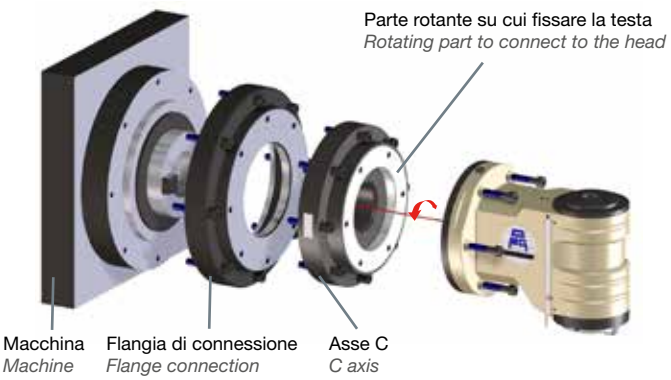
Equipaggiamento standard:

- pressurizzazione mandrino
- n. 3 ugelli orientabili vicino al mandrino
- nel mandrino DIN2079 si possono utilizzare coni DIN2080-40, DIN69871-A40, MAS403-BT40

Standard equipment:

- *spindle front pressurization*
- *nr. 3 adjustable nozzle near the spindle*
- *on the spindle DIN2079 you can use shank DIN2080-40, DIN69871-A40, MAS403-BT40*

Esempio di collegamento / *Connection example*



TA50.T

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

HEAD	EXTENSION
108 KG	L 300=110 KG

ROTAZIONE *ROTATION*

INPUT	OUTPUT
IN	OUT

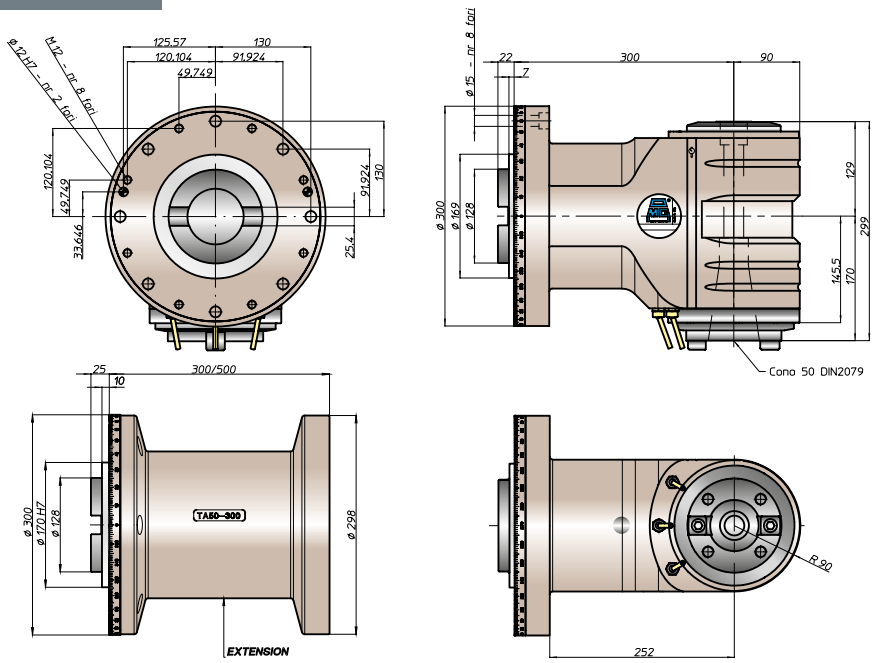
CARATTERISTICHE *FEATURES*

Ø45	M36	5800 N	1-1	4000	700
				RPM	Nm

MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

HSK100 DIN69893-HSK

C8 COROMANT CAPTO®



Equipaggiamento standard:

- pressurizzazione mandrino
- n. 3 ugelli orientabili vicino al mandrino
- nel mandrino DIN2079 si possono utilizzare coni DIN2080-40, DIN69871-A40, MAS403-BT40

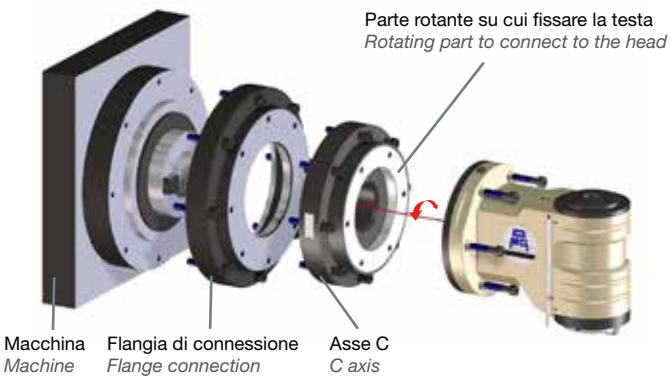
Standard equipment:

- *spindle front pressurization*
- *nr. 3 adjustable nozzle near the spindle*
- *on the spindle DIN2079 you can use shank DIN2080-40, DIN69871-A40, MAS403-BT40*

Utilizzo su asse C manuale / *Example with manual C axis*

- Nuovo Asse C a rotazione manuale
- Compatto, semplice e preciso
- Bloccaggio rotazione su cava a T
- Rotazione libera su cuscinetto a rulli incrociati
- Facilità di posizionamento

- *New C Axis with manual rotation*
- *Space-saving, user friendly and precise*
- *Rotation lock on T slot*
- *Free rotation on crossed roller bearings*
- *Easy set up*



TA50.TD
TESTA AD ANGOLO • *ANGLE HEAD*



PESO
WEIGHT

HEAD: 40 — 112 KG
EXTENSION: 50 — L 300=110 KG

ROTAZIONE
ROTATION

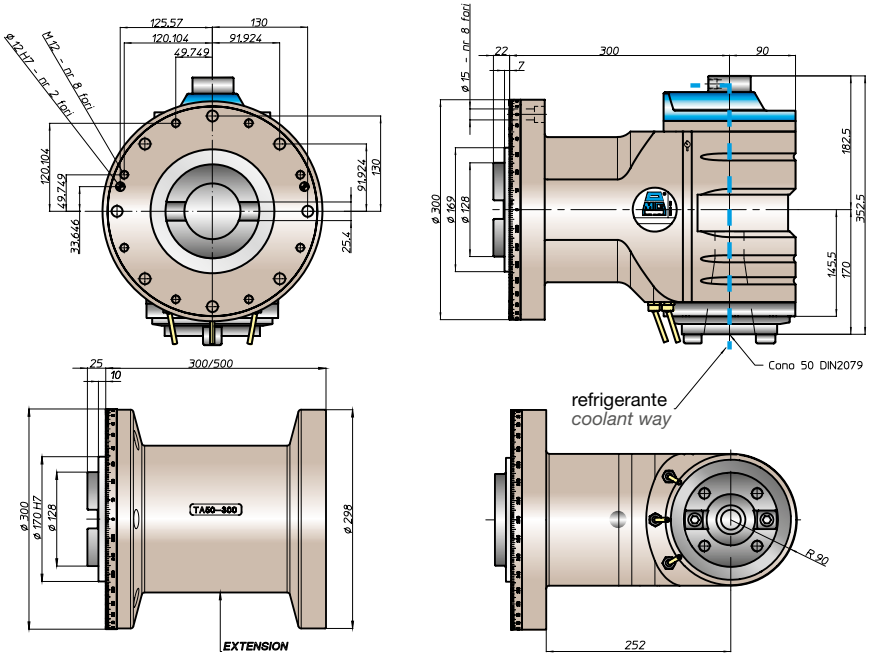
IN — INPUT
OUT — OUTPUT

CARATTERISTICHE
FEATURES

Ø45	M36	5800 N	1-1	4000 RPM	700 Nm	70 BAR

MANDRINI DISPONIBILI
AVAILABLE SPINDLES

HSK100 DIN69893-HSK
C8 COROMANT CAPTO®



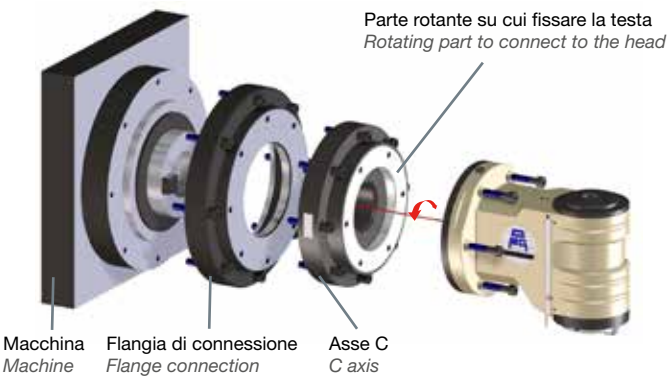
Equipaggiamento standard:

- pressurizzazione mandrino
- n. 3 ugelli orientabili vicino al mandrino
- nel mandrino DIN2079 si possono utilizzare coni DIN69871-A50, MAS403-BT50

Standard equipment:

- *spindle front pressurization*
- *nr. 3 adjustable nozzle near the spindle*
- *on the spindle DIN2079 you can use shank DIN69871-A50, MAS403-BT50*

Esempio di collegamento / *Connection example*



























TA.T

EXTENDED GALLERY

TA13.PVDI

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

4,5 KG

ROTAZIONE *ROTATION*

INPUT OUTPUT

CARATTERISTICHE *FEATURES*

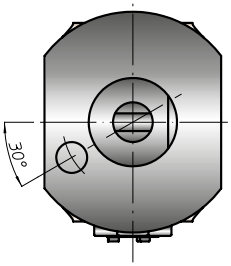
Ø13 M10 810 N 1-1 8000 38

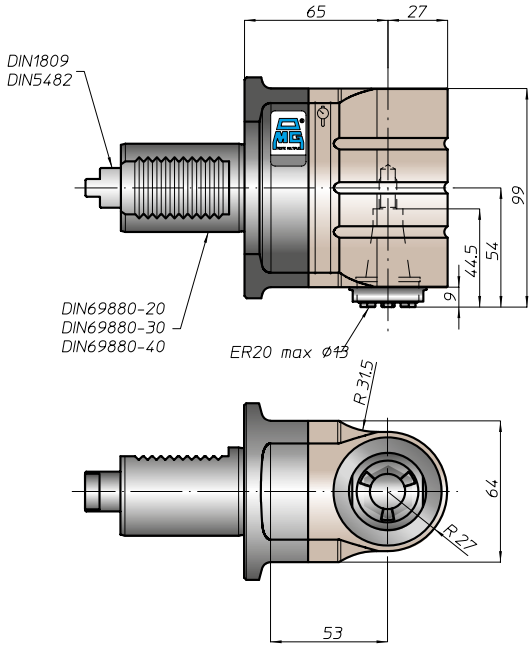
MANDRINI DISPONIBILI *AVAILABLE SPINDLES*

ER25 DIN6499-ER

Ø16-Ø22 PORTAFRESE FACE MILL ARBOR

Ø16 WELDON WHISTLE-NOTCH





Soluzioni speciali / *Special solutions*





TA16.PVDI

TESTA AD ANGOLO • *ANGLE HEAD*



PESO
WEIGHT

6,5 KG

ROTAZIONE
ROTATION

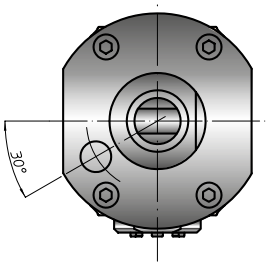
INPUT OUTPUT

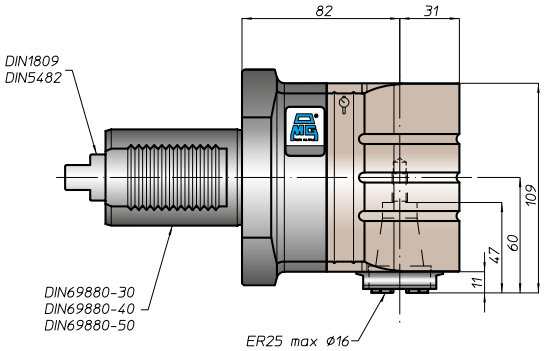
CARATTERISTICHE
FEATURES

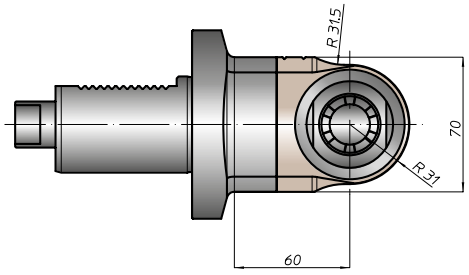
Ø16	M12	1040 N	1-1	5000	55
				RPM	Nm

MANDRINI DISPONIBILI
AVAILABLE SPINDLES

- **ER32** DIN6499-ER
- **Ø16-Ø27-Ø32** PORTAFRESE FACE MILL ARBOR
- **Ø20** WELDON WHISTLE-NOTCH
- **HSK32** DIN69893-HSK
- **C3** COROMANT CAPTO®
- **ABS32** LICENZA KOMET® KOMET LICENCE®







Soluzioni speciali / *Special solutions*





TAV10.PVDI

TESTA AD ANGOLO · *ANGLE HEAD*



PESO *WEIGHT*

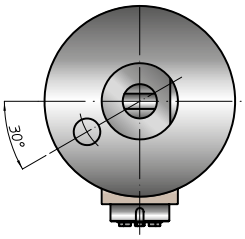
3,5 KG

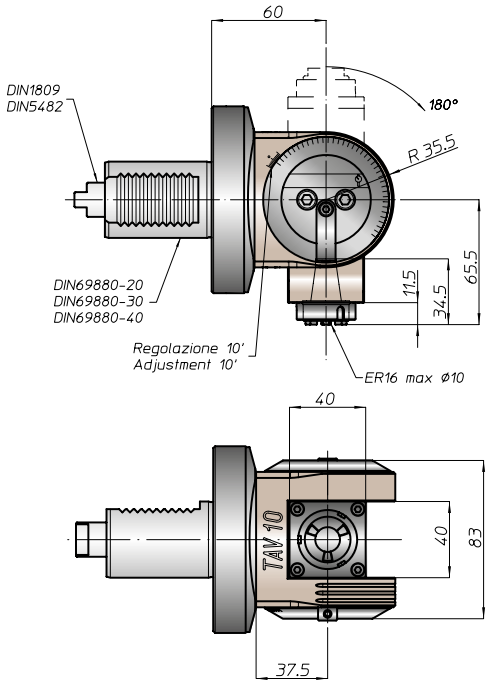
ROTAZIONE *ROTATION*

INPUT OUTPUT

CARATTERISTICHE *FEATURES*

Ø10	M8	550 N	1-1	4000	12





Soluzioni speciali / *Special solutions*





TAV13.PVDI

TESTA AD ANGOLO • *ANGLE HEAD*

PESO
WEIGHT

5,5 KG

ROTAZIONE
ROTATION

INPUT OUTPUT

CARATTERISTICHE
FEATURES

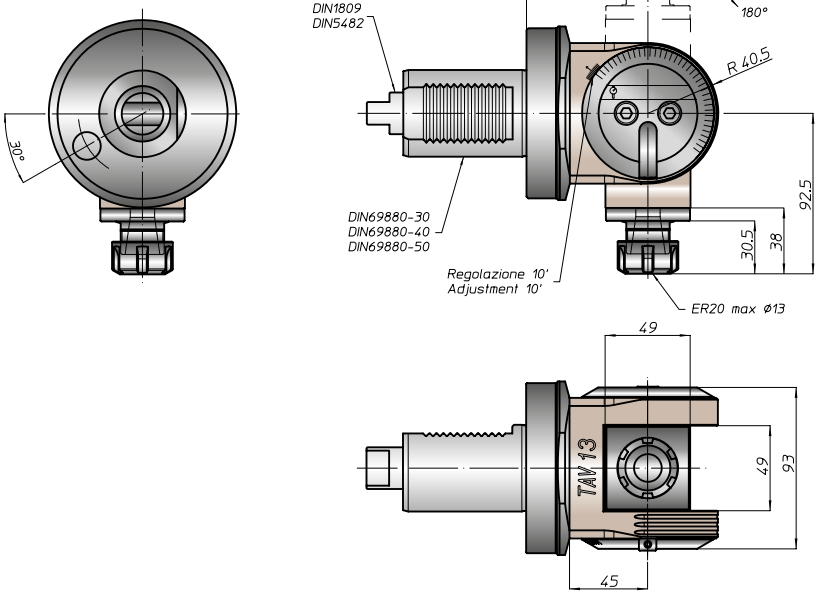
Ø13 M10 630 N 1-1 6000 18

MANDRINI DISPONIBILI
AVAILABLE SPINDLES

ER25 DIN6499-ER

Ø16 WELDON WHISTLE-NOTCH





Soluzioni speciali / *Special solutions*



