



2011.01

翰坤五金機械

HANN KUEN MACHINERY & HARDWARE

萬向 · 90°橫向銑頭

義大利專業製造



轉塔多軸頭

caratteristiche tecniche - specifications



HT 160



HT 250



HT 360



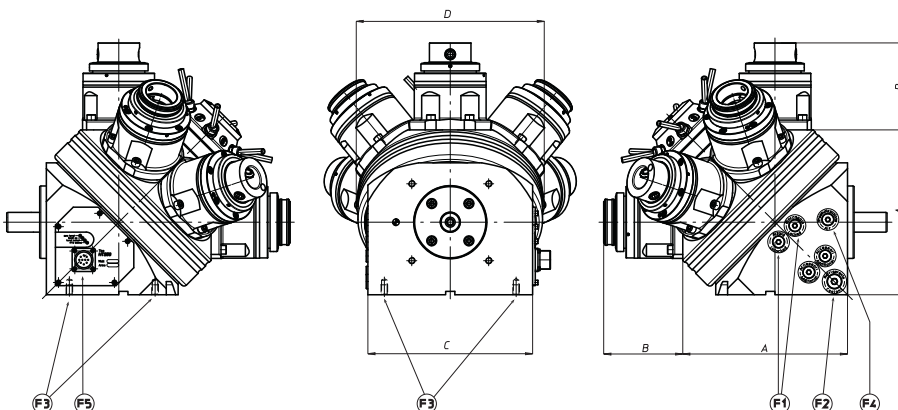
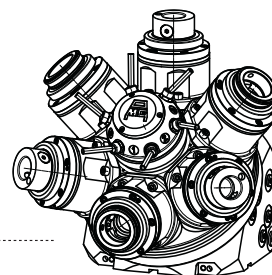
F1 circuito olio per bloccaggio-sbloccaggio torretta
oil circuit for turret locking-release
轉塔鎖緊、放鬆-油壓迴路

F2 entrata refrigerante utensili
coolant tools
冷卻用接頭

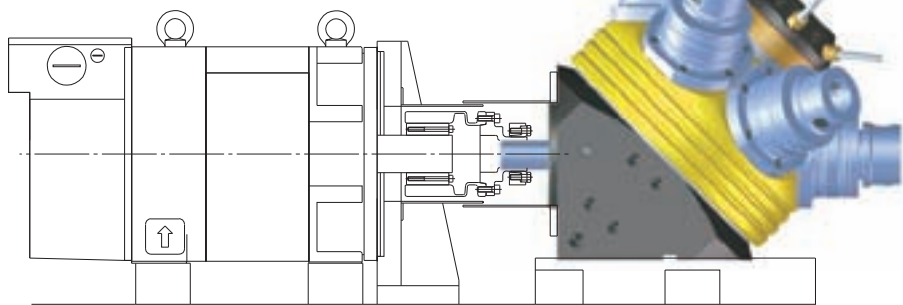
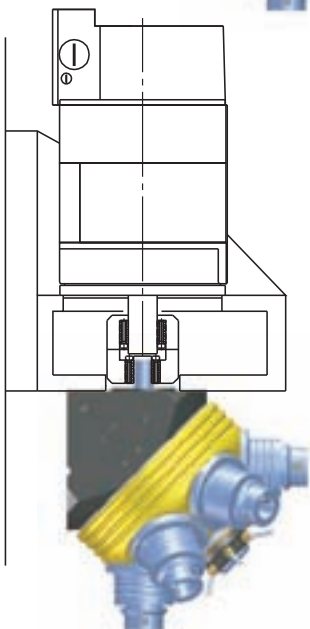
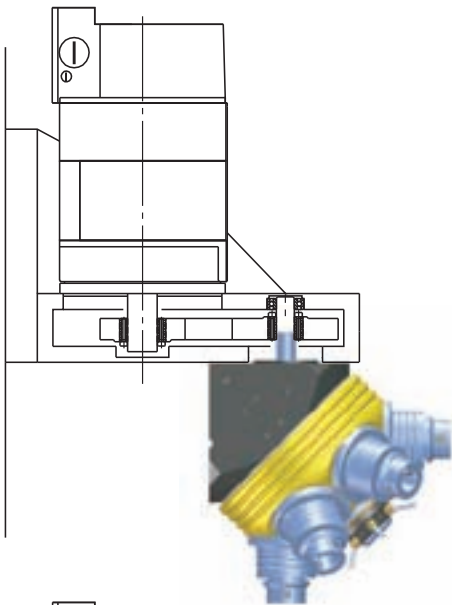
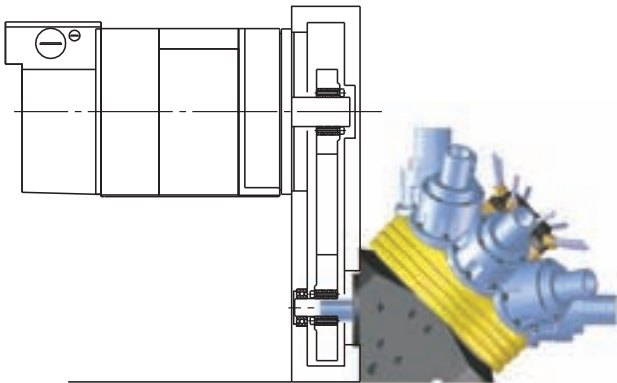
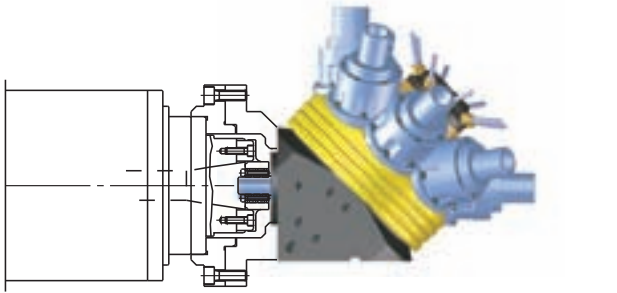
F3 fori fissaggio torretta
turret fixing holes
轉塔固定孔

F4 entrata olio-aria
input oil-air
輸入油或空氣

F5 connettore elettrico
electric connector
電氣連接孔



	HT 160	HT 250	HT 360
n° di posizioni max max nr. of position 轉塔主軸數	6	6-8	6
coppia trasmissibile al mandrino transmitting torque by spindle 主軸傳動扭力	Nm 80	300	800
n° giri max mandrino max rpm spindle 主軸最高轉數	12.000	10.000	8.000
precisione di posizione mandrino precision of spindles positioning 主軸定位精度	± 3"	± 3"	± 3"
potenza motore motor power 主軸馬達	approx Kw 3	6,5	16
tempo di rotazione (1/6 di giro) indexing time 1/6 of rotation 主軸轉向時間(1軸)	sec 0,9	1,1 (秒)	1,5 (秒)
diametro corona Hirth dimension rings Hirth 赫斯齒輪直徑	mm 160	250	350
A	160	250	360
B dipende dal tipo di mandrino to depend on the spindle type	approx mm 70/80	100/120	120/160
C	160	250	350
D	180	280	400
tipi di mandrini disponibili type of spindles 主軸規格	ABS, HSK, ER, DIN 55058		
peso weight 重量	kg 35	140	300

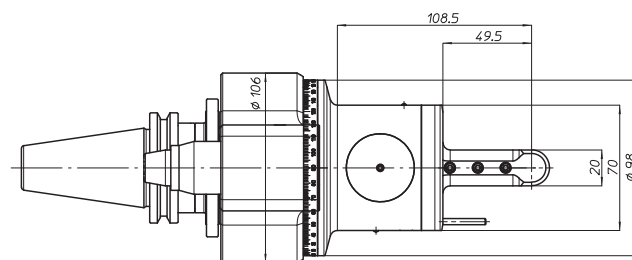
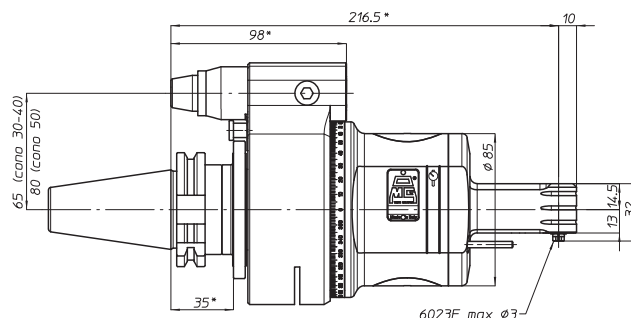
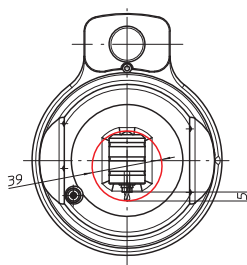


90°橫銑頭
testa ad angolo - angle head

TA03P

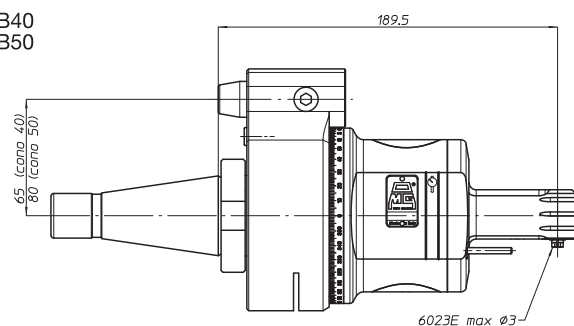
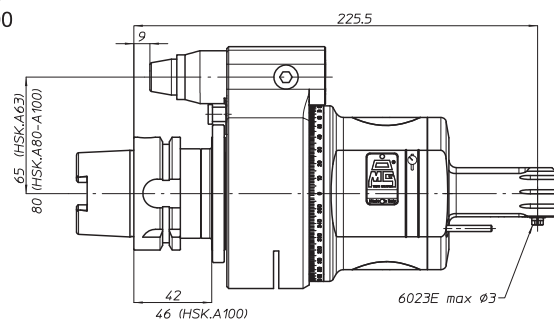


TA03P-DIN69871.A30
TA03P-DIN69871.A40
TA03P-DIN69871.A45
TA03P-DIN69871.A50
TA03P-ANSI B5.50 CAT40
TA03P-ANSI B5.50 CAT50
TA03P-MAS403.BT40
TA03P-MAS403.BT50

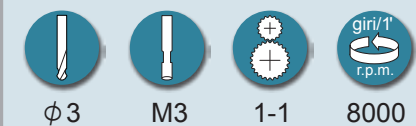


Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TA03P-DIN69893.HSK.A63
TA03P-DIN69893.HSK.A80
TA03P-DIN69893.HSK.A100



TA03P-DIN2080.40
TA03P-DIN2080.50
TA03P-ANSI B5.18 NMTB40
TA03P-ANSI B5.18 NMTB50



peso/weight



5.5 kg



7.5 kg

rotazione/rotation

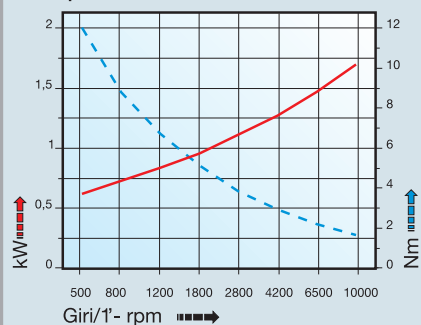


input



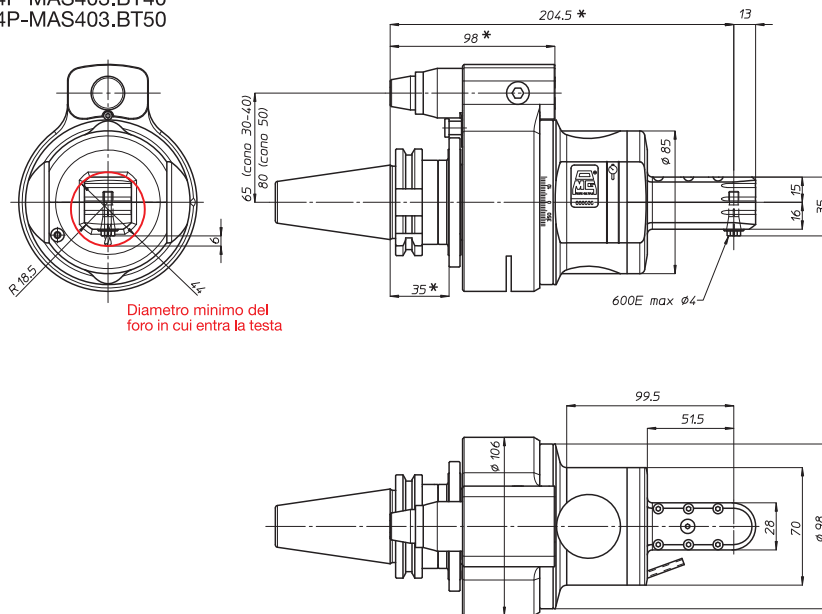
output

prestazioni performances TA03P



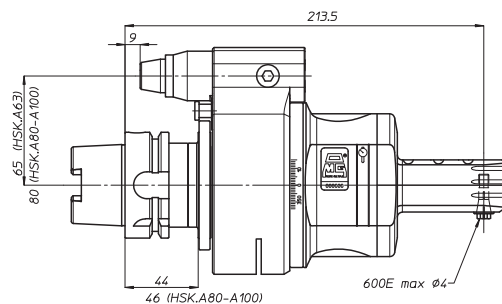
TA04P

TA04P-DIN69871.A30
TA04P-DIN69871.A40
TA04P-DIN69871.A45
TA04P-DIN69871.A50
TA04P-ANSI B5.50 CAT40
TA04P-ANSI B5.50 CAT50
TA04P-MAS403.BT40
TA04P-MAS403.BT50

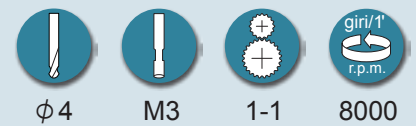
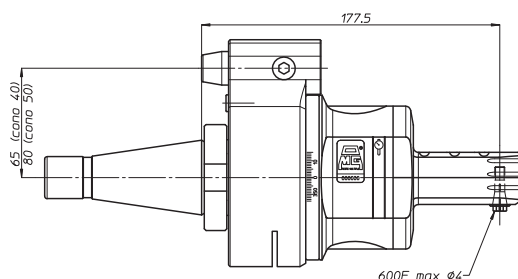


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TA04P-DIN69893.HSK.A63
TA04P-DIN69893.HSK.A80
TA04P-DIN69893.HSK.A100



TA04P-DIN2080.40
TA04P-DIN2080.50
TA04P-ANSI B5.18 NMTB40
TA04P-ANSI B5.18 NMTB50



peso/weight



5.5 kg



7.5 kg

rotazione/rotation

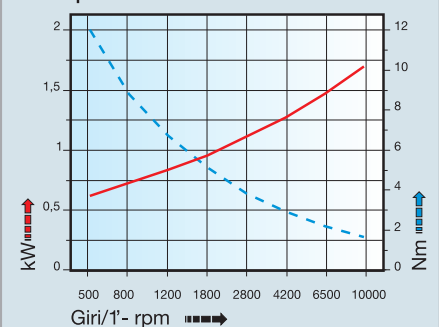


input



output

prestazioni performances TA04P

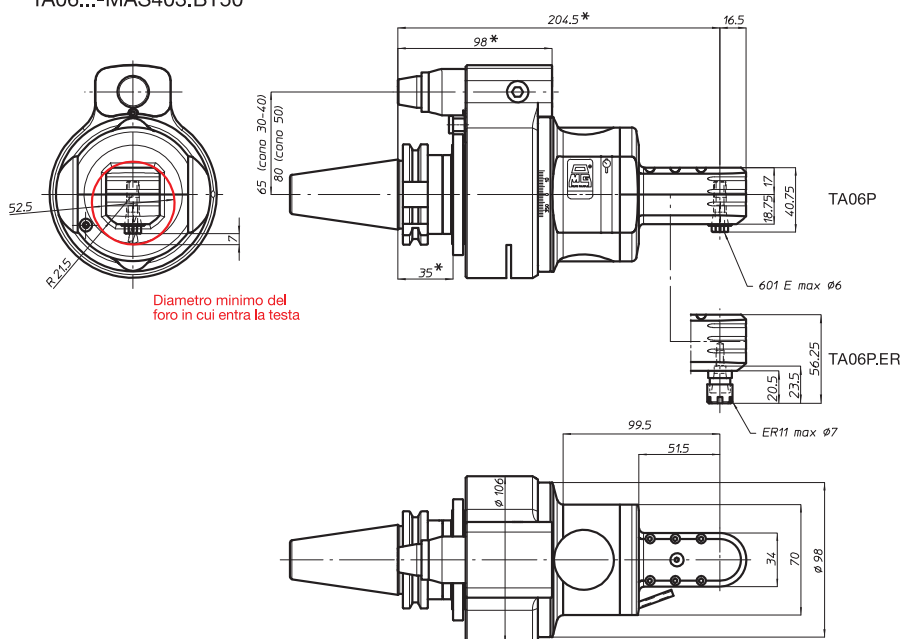


90°横銑頭 testa ad angolo - angle head

TA06P

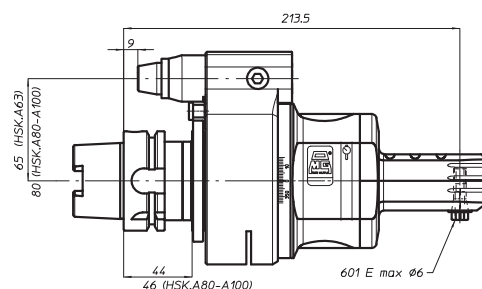


TA06...-DIN69871.A30
TA06...-DIN69871.A40
TA06...-DIN69871.A45
TA06...-DIN69871.A50
TA06...-ANSI B5.50 CAT40
TA06...-ANSI B5.50 CAT50
TA06...-MAS403.BT40
TA06...-MAS403.BT50

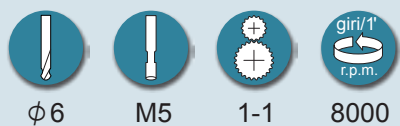
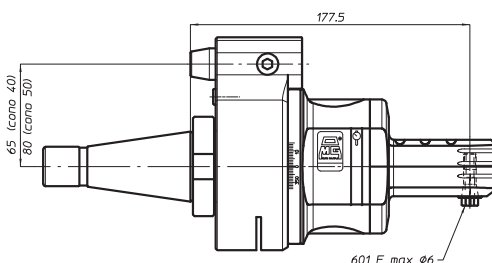


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TA06...-DIN69893.HSK.A63
TA06...-DIN69893.HSK.A80
TA06...-DIN69893.HSK.A100



TA06...-DIN2080.40
TA06...-DIN2080.50
TA06...-ANSI B5.18 NMTB40
TA06...-ANSI B5.18 NMTB50



peso/weight



6 kg



8.3 kg

rotazione/rotation

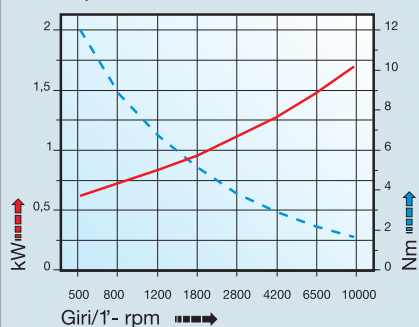


input



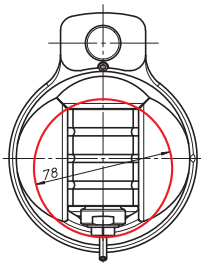
output

prestazioni
performances **TA06P**

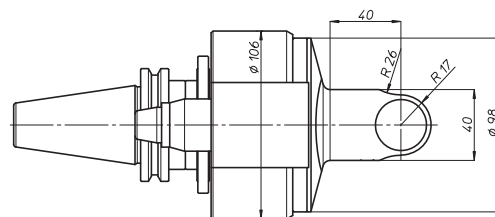
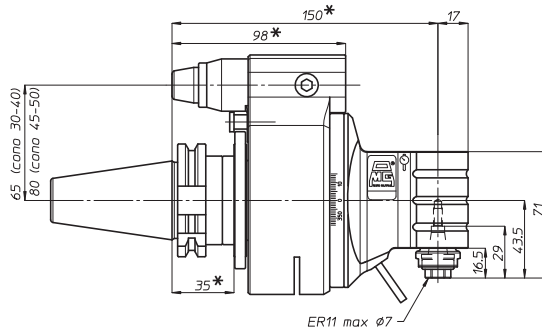


TA07P

TA07P-DIN69871.A30
TA07P-DIN69871.A40
TA07P-DIN69871.A45
TA07P-DIN69871.A50
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TA07P-ANSI B5.50 CAT50
TA07P-MAS403.BT40
TA07P-MAS403.BT50

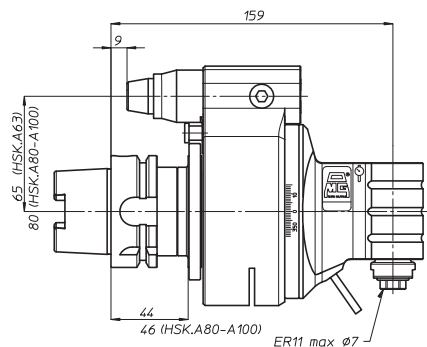


Diametro minimo del foro
in cui entra la testa

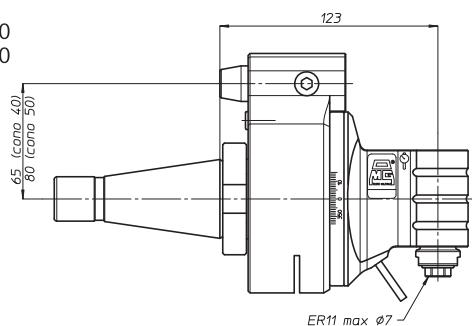


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

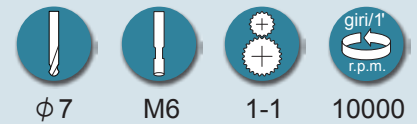
TA07P-DIN69893.HSK.A63
TA07P-DIN69893.HSK.A80
TA07P-DIN69893.HSK.A100



TA07P-DIN2080.40
TA07P-DIN2080.50
TA07P-ANSI B5.18 NMTB40
TA07P-ANSI B5.18 NMTB50



TA



peso/weight



5 kg



7 kg

rotazione/rotation

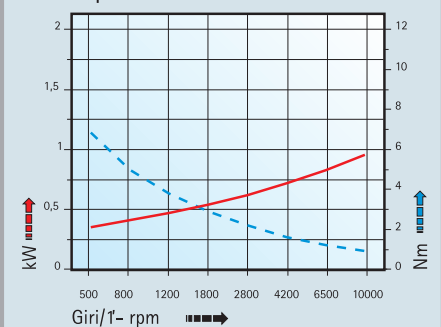


input



output

prestazioni
performances **TA07P**



加長型90°橫銑頭
testa ad angolo - angle head

TA07P.L



φ 7



M6



1-1



10000

peso/weight



7.5 kg



9.5 kg

rotazione/rotation



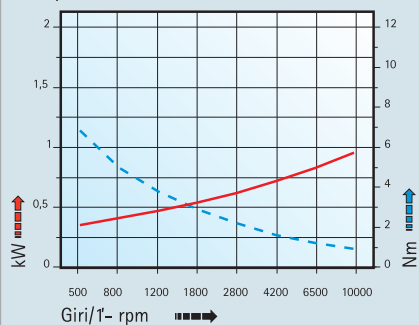
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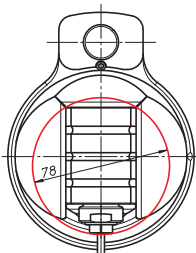
output

prestazioni
performances

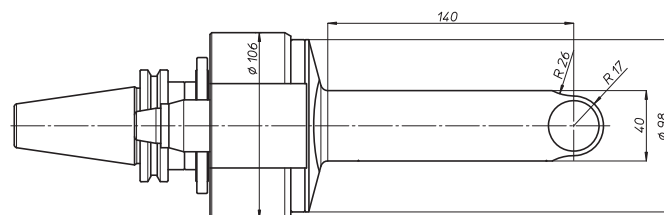
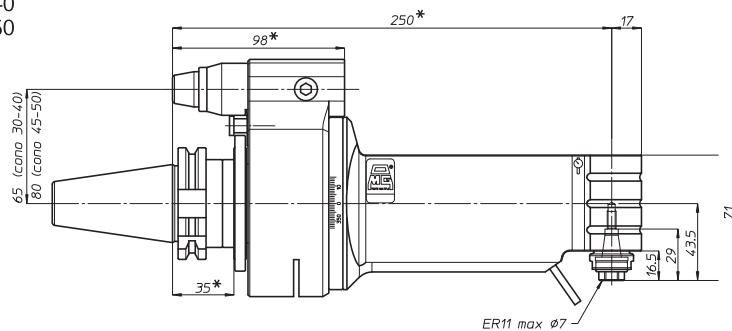
TA07P.L



TA07P.L-DIN69871.A30
TA07P.L-DIN69871.A40
TA07P.L-DIN69871.A45
TA07P.L-DIN69871.A50
TA07P.L-ANSI B5.50 CAT40
TA07P.L-ANSI B5.50 CAT50
TA07P.L-MAS403.BT40
TA07P.L-MAS403.BT50

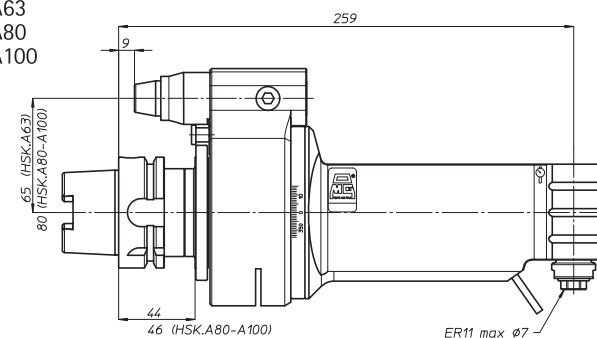


Diametro minimo del foro
in cui entra la testa

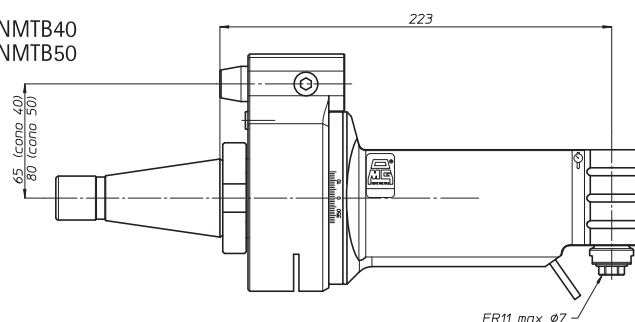


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TA07P.L-DIN69893.HSK.A63
TA07P.L-DIN69893.HSK.A80
TA07P.L-DIN69893.HSK.A100

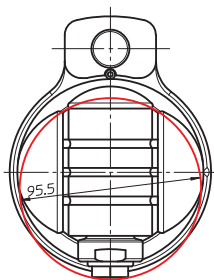


TA07P.L-DIN2080.40
TA07P.L-DIN2080.50
TA07P.L-ANSI B5.18 NMTB40
TA07P.L-ANSI B5.18 NMTB50

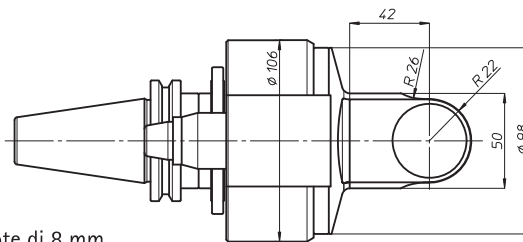
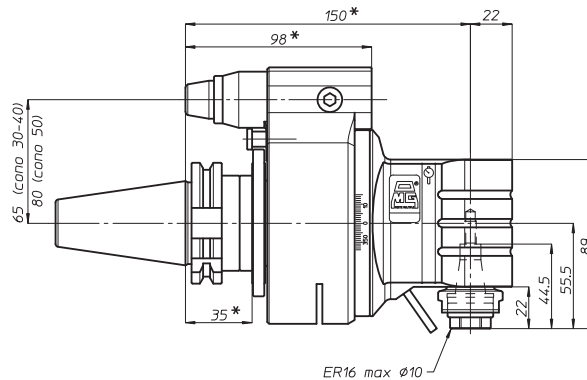


TA10P

TA10P-DIN69871.A30
TA10P-DIN69871.A40
TA10P-DIN69871.A45
TA10P-DIN69871.A50
TA10P-ANSI B5.50 CAT40
TA10P-ANSI B5.50 CAT50
TA10P-MAS403.BT40 ER16
TA10P-MAS403.BT50

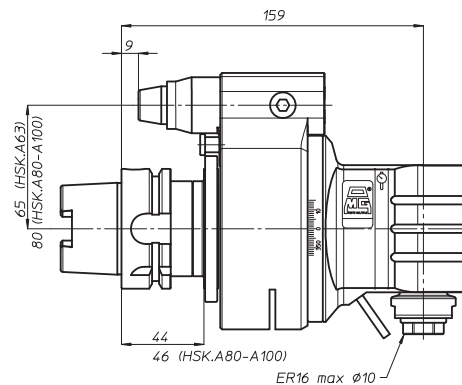


Diametro minimo del foro
in cui entra la testa

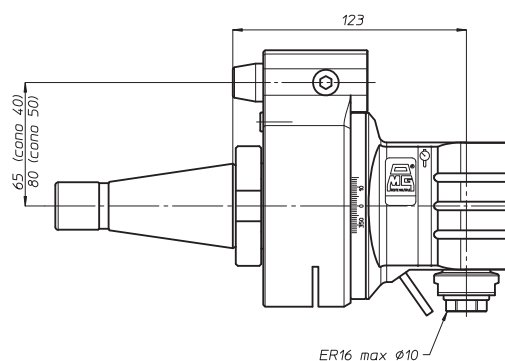


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

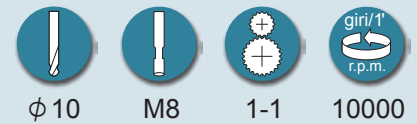
TA10P-DIN69893.HSK.A63
TA10P-DIN69893.HSK.A80
TA10P-DIN69893.HSK.A100



TA10P-DIN2080.40
TA10P-DIN2080.50
TA10P-ANSI B5.18 NMTB40
TA10P-ANSI B5.18 NMTB50



TA



peso/weight



5.3 kg



7.5 kg

rotazione/rotation

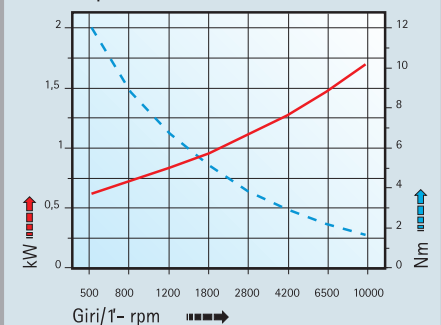


input



output

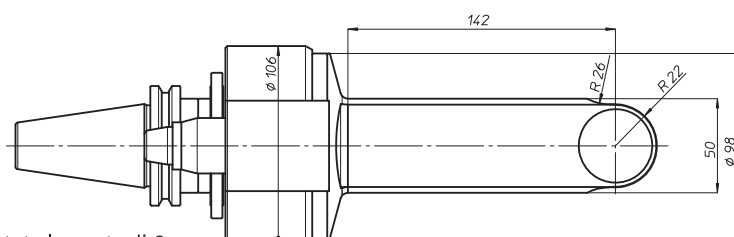
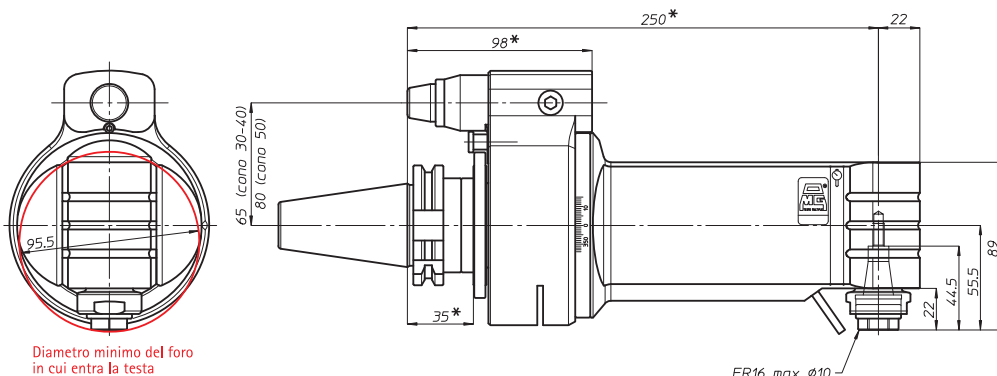
prestazioni
performances **TA10P**



加長型90°橫銑頭
testa ad angolo - angle head

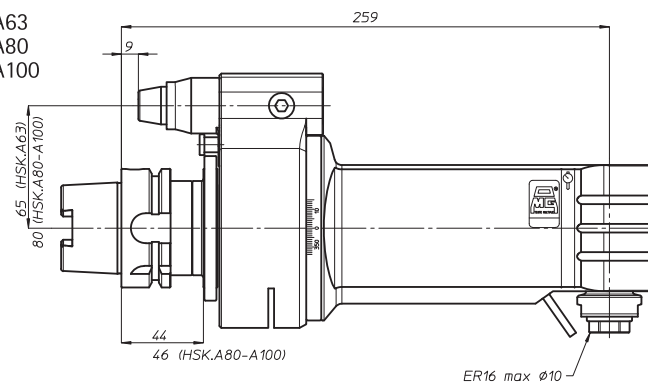
TA10P.L

TA10P.L-DIN69871.A30
TA10P.L-DIN69871.A40
TA10P.L-DIN69871.A45
TA10P.L-DIN69871.A50
TA10P.L-ANSI B5.50 CAT40
TA10P.L-ANSI B5.50 CAT50
TA10P.L-MAS403.BT40
TA10P.L-MAS403.BT50

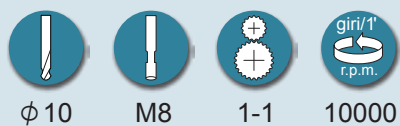
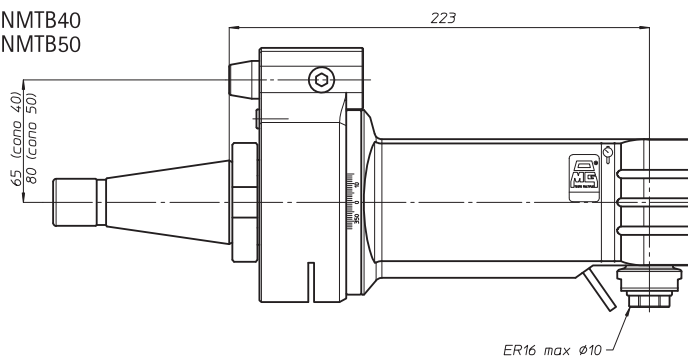


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TA10P.L-DIN69893.HSK.A63
TA10P.L-DIN69893.HSK.A80
TA10P.L-DIN69893.HSK.A100



TA10P.L-DIN2080.40
TA10P.L-DIN2080.50
TA10P.L-ANSI B5.18 NMTB40
TA10P.L-ANSI B5.18 NMTB50



peso/weight



8.3 kg



10.5 kg

rotazione/rotation

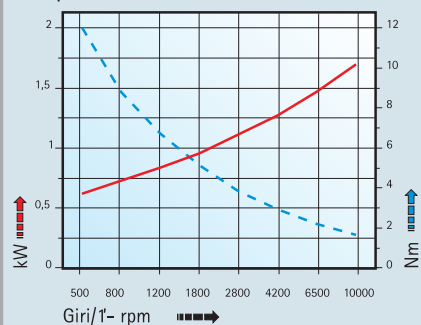


input



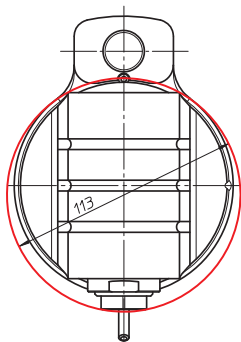
output

prestazioni
performances **TA10P.L**

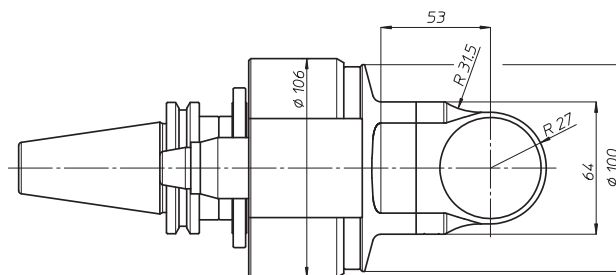
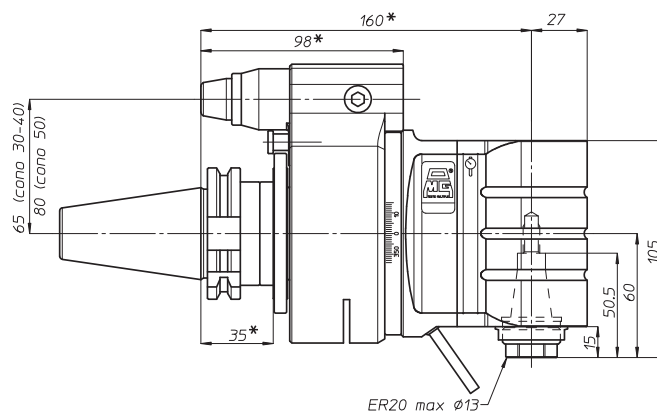


TA13P

TA13P-DIN69871.A40
TA13P-DIN69871.A45
TA13P-DIN69871.A50
TA13P-ANSI B5.50 CAT40
TA13P-ANSI B5.50 CAT50
TA13P-MAS403.BT40
TA13P-MAS403.BT50

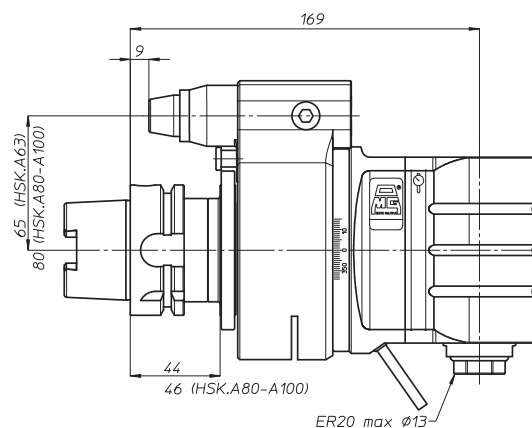


Diametro minimo del foro
in cui entra la testa

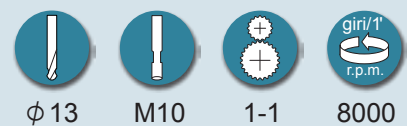
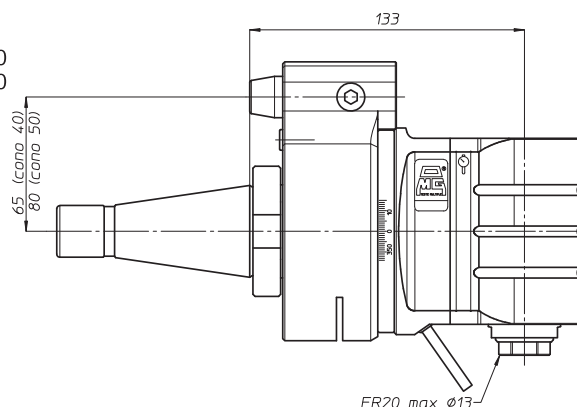


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TA13P-DIN69893.HSK.A63
TA13P-DIN69893.HSK.A80
TA13P-DIN69893.HSK.A100



TA13P-DIN2080.40
TA13P-DIN2080.50
TA13P-ANSI B5.18 NMTB40
TA13P-ANSI B5.18 NMTB50



peso/weight



6.5 kg



9 kg

rotazione/rotation

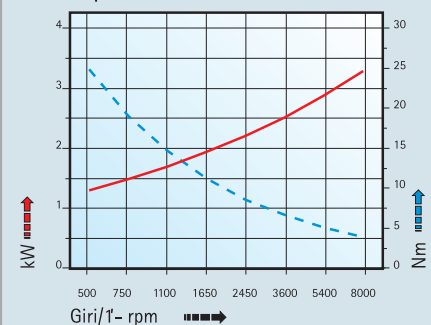


input



output

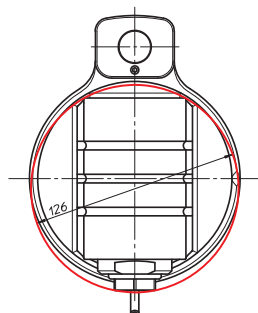
prestazioni
performances TA13P



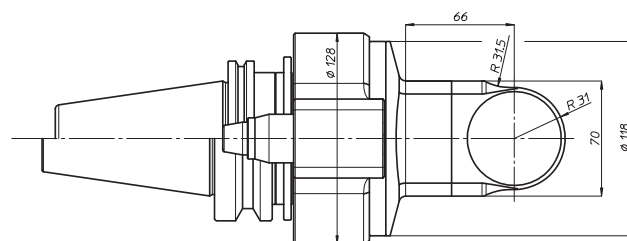
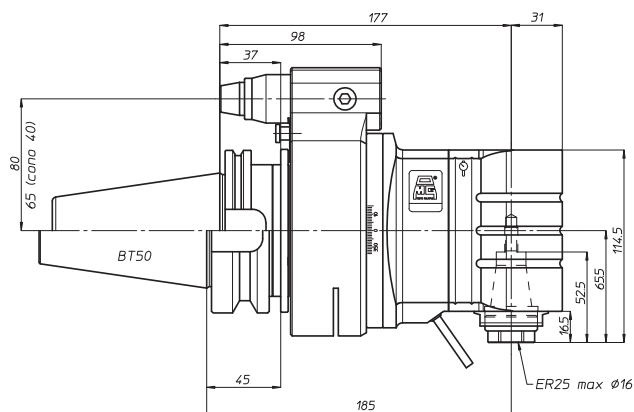
90°橫銑頭
testa ad angolo - angle head

TA16P

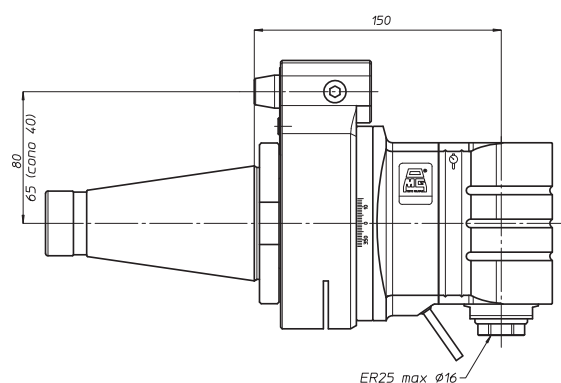
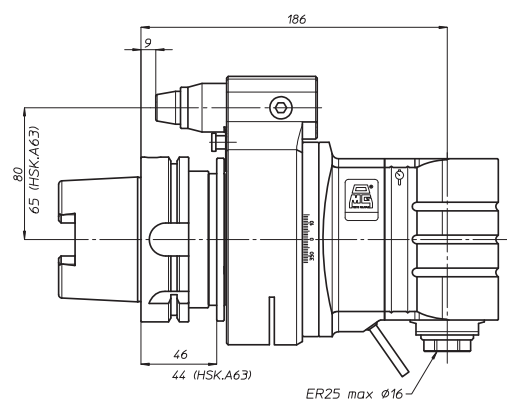
TA16P-DIN69871.A40
TA16P-DIN69871.A45
TA16P-DIN69871.A50
TA16P-ANSI B5.50 CAT40
TA16P-ANSI B5.50 CAT50
TA16P-MAS403.BT40
TA16P-MAS403.BT50



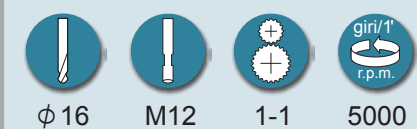
Diametro minimo del foro
in cui entra la testa



TA16P-DIN69893.HSK.A63
TA16P-DIN69893.HSK.A80
TA16P-DIN69893.HSK.A100



TA16P-DIN2080.40
TA16P-DIN2080.50
TA16P-ANSI B5.18 NMTB40
TA16P-ANSI B5.18 NMTB50



peso/weight



7.7 kg



11.7 kg

rotazione/rotation

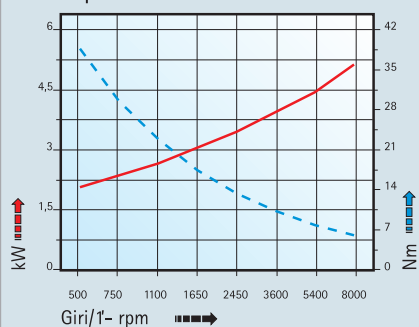


input



output

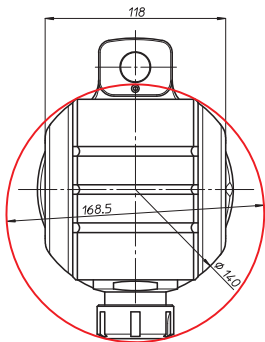
prestazioni
performances **TA16P**



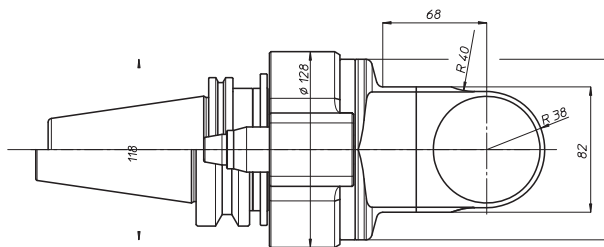
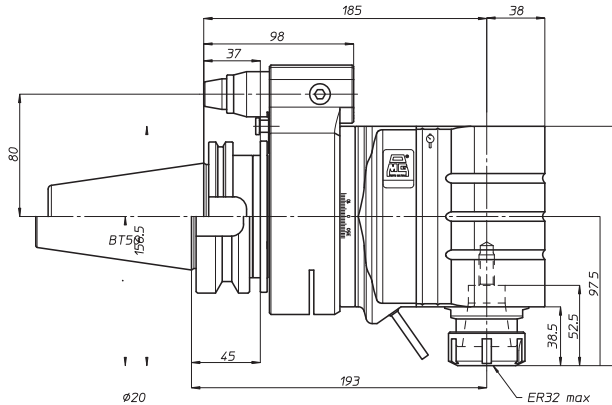
90°橫銑頭
testa ad angolo - angle head

TA20P

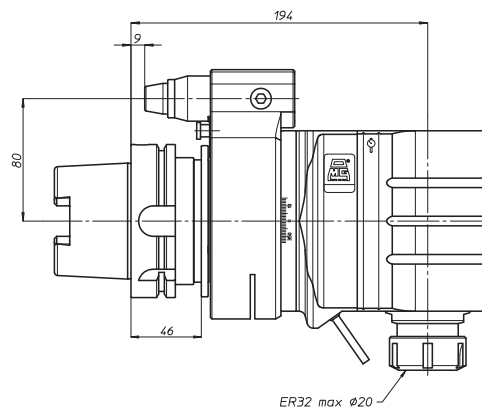
TA20P-DIN69871.A45
TA20P-DIN69871.A50
TA20P-ANSI B5.50 CAT50
TA20P-MAS403.BT50



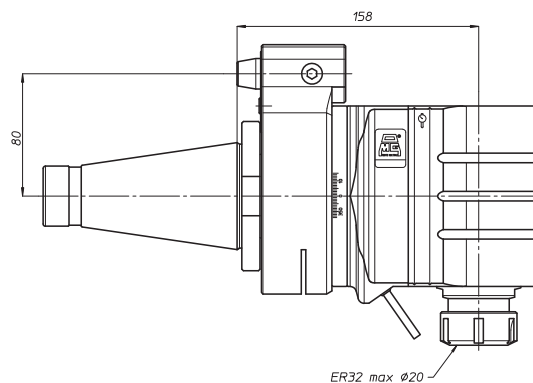
Diametro minimo del foro
in cui entra la testa



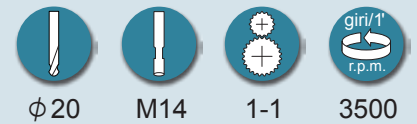
TA20P-DIN69893.HSK.A80
TA20P-DIN69893.HSK.A100



TA20P-DIN2080.50
TA20P-ANSI B5.18 NMTB50



TA



peso/weight



14.5 kg

rotazione/rotation

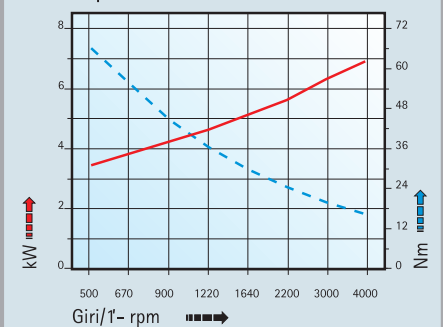


input



output

prestazioni
performances **TA20P**



加長型90°橫銑頭
testa ad angolo - angle head

TA20P.L

TA20P.L-MAS403.BT50



peso/weight



20 kg

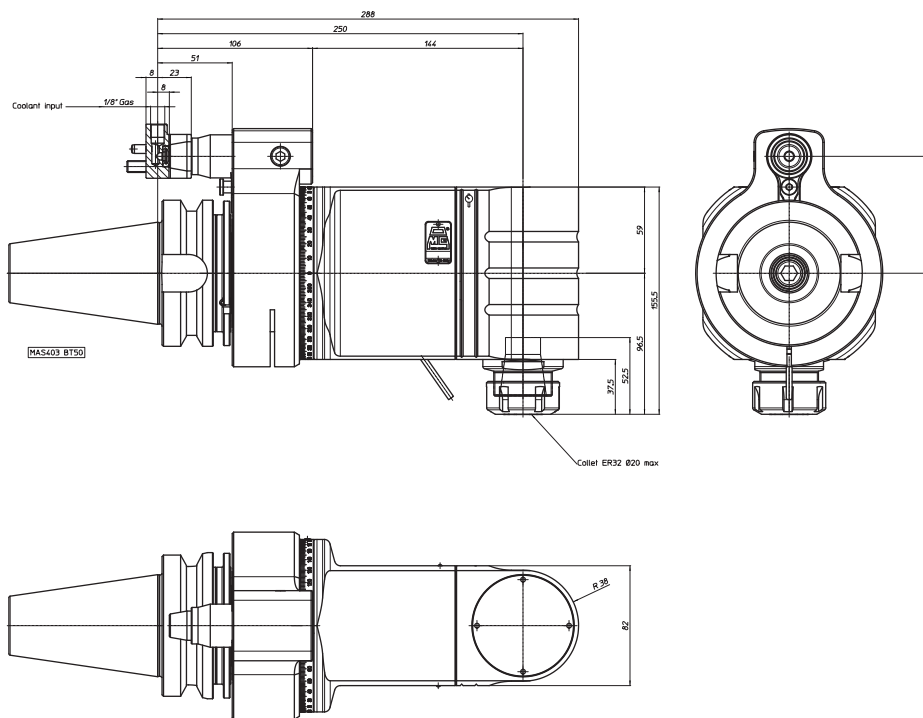
rotazione/rotation



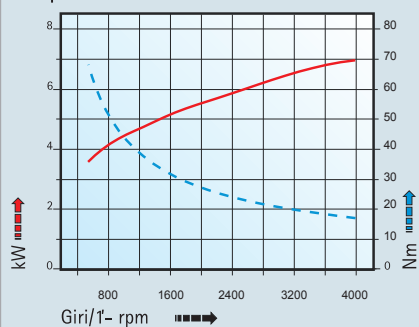
input



output



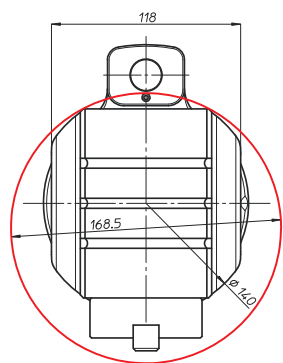
prestazioni
performances **TA20P.L**



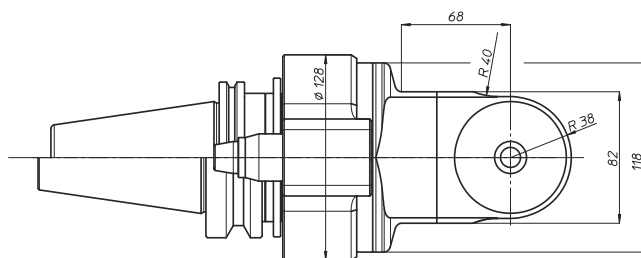
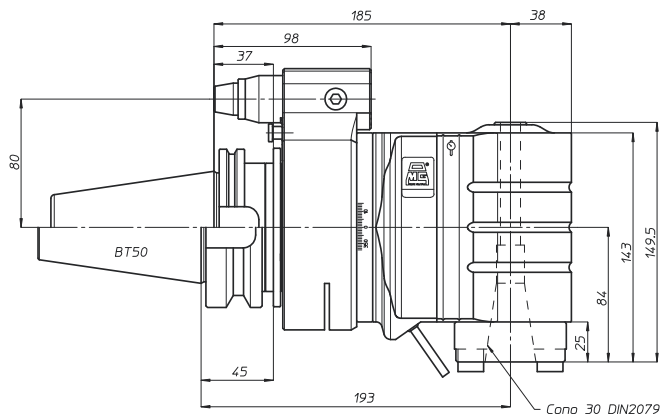
90°橫銑頭
testa ad angolo - angle head

TA20.30

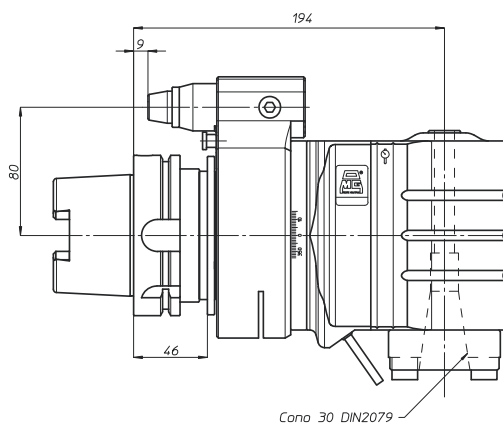
TA20.30-DIN69871.A45
TA20.30-DIN69871.A50
TA20.30-ANSI B5.50 CAT50
TA20.30-MAS403.BT50



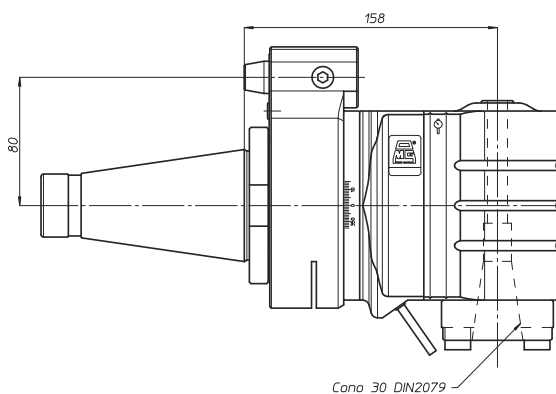
Diametro minimo del foro
in cui entra la testa



TA20.30-DIN69893.HSK.A80
TA20.30-DIN69893.HSK.A100



TA20.30-DIN2080.50
TA20.30-ANSI B5.18 NMTB50



TA



φ 20



M14



1-1



3500

peso/weight



20 kg

rotazione/rotation

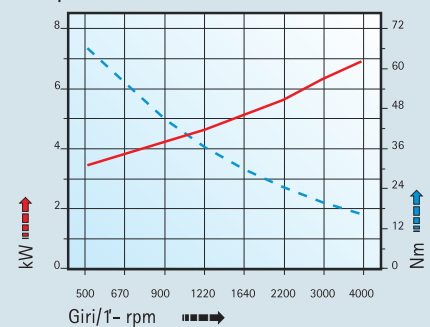


input



output

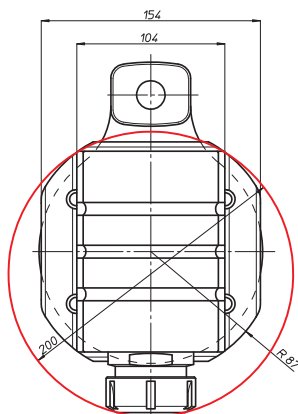
prestazioni
performances **TA20.30**



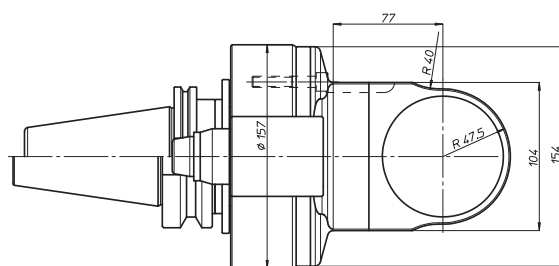
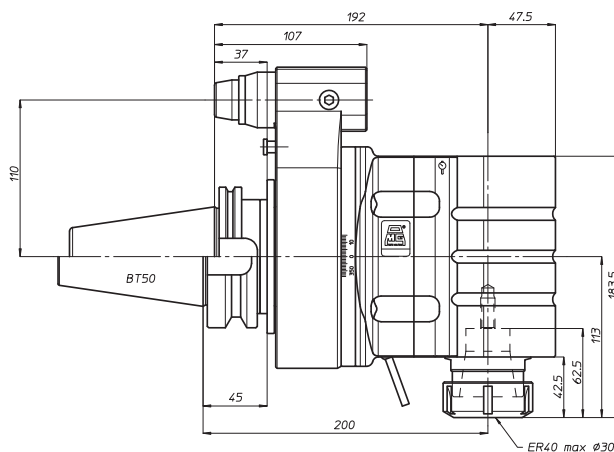
90°橫銑頭
testa ad angolo - angle head

TA26P

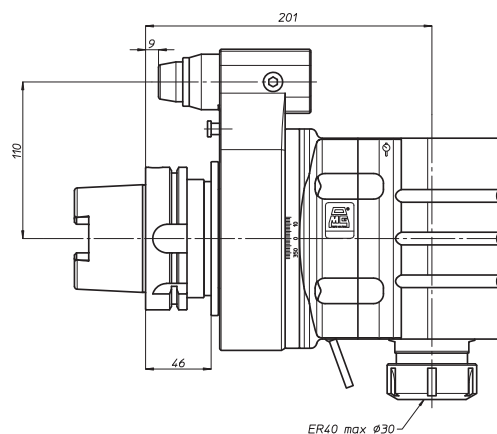
TA26P-DIN69871.A50
TA26P-ANSI B5.50 CAT50
TA26P-MAS403.BT50



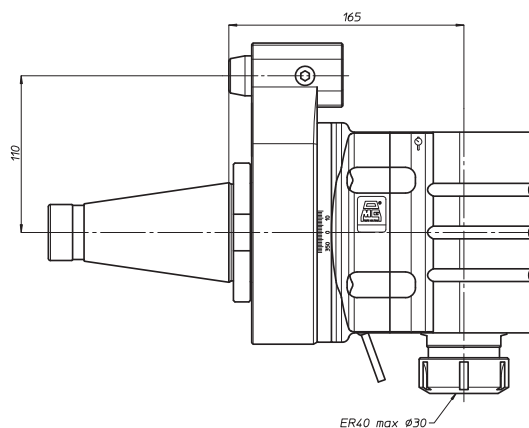
Diametro minimo del foro
in cui entra la testa



TA26P-DIN69893.HSK.A100



TA26P-DIN2080.50
TA26P-ANSI B5.18 NMTB50



peso/weight



22 kg

rotazione/rotation

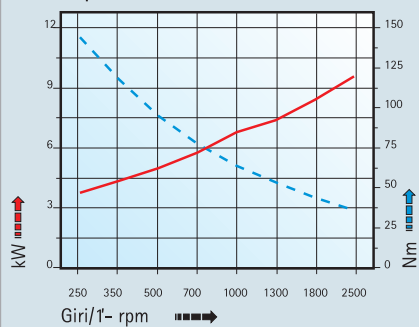


input



output

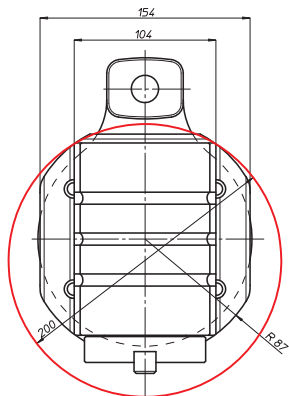
prestazioni
performances **TA26P**



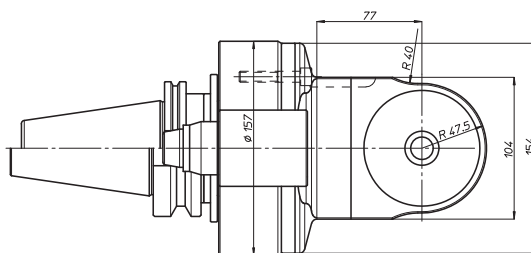
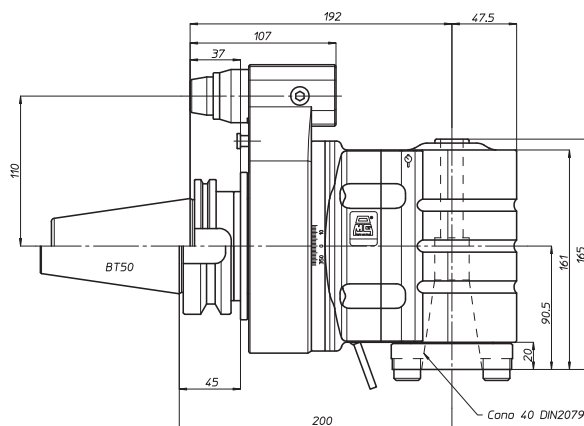
90°橫銑頭
testa ad angolo - angle head

TA26.40

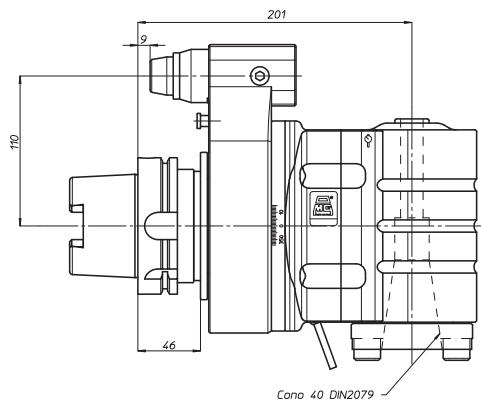
TA26.40-DIN69871.A50
TA26.40-ANSI B5.50 CAT50
TA26.40-MAS403.BT50



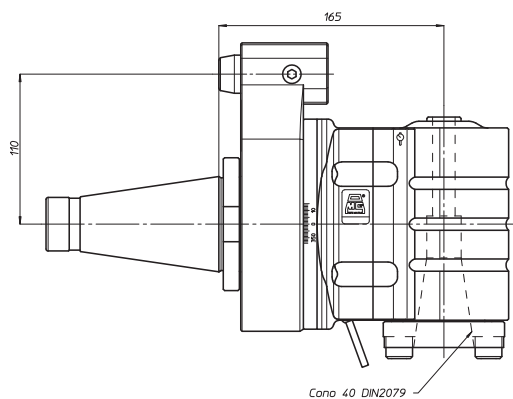
Diametro minimo del foro
in cui entra la testa



TA26.40-DIN69893.HSK.A100



TA26.40-DIN2080.50
TA26.40-ANSI B5.18 NMTB50



TA



φ 26



M20



1-1



2500

peso/weight



22 kg

rotazione/rotation

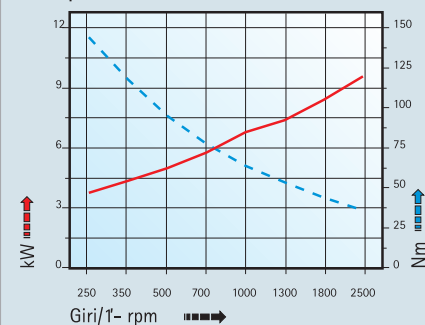


input



output

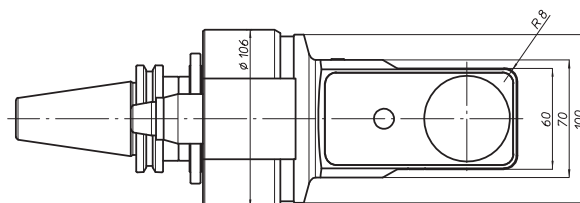
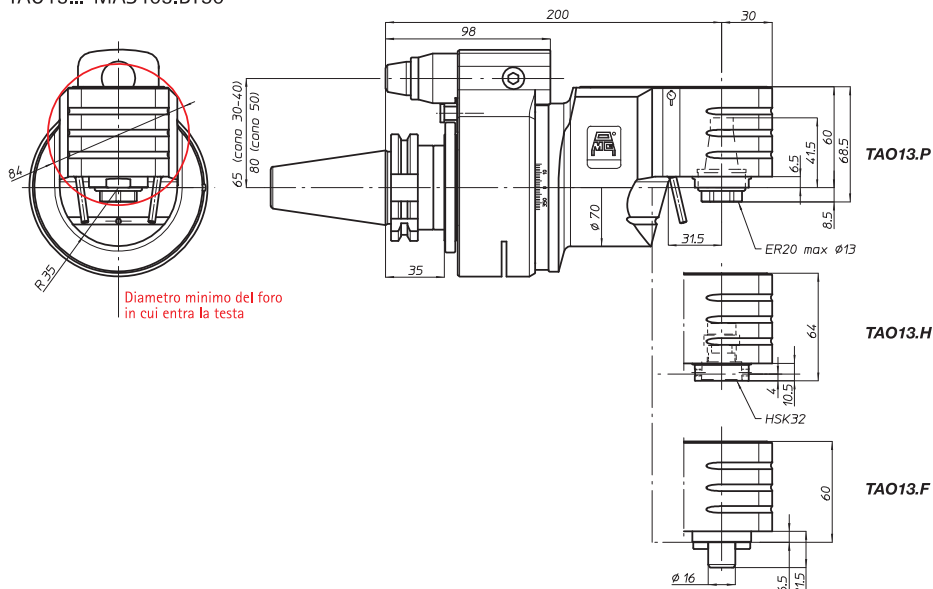
prestazioni
performances **TA26.40**



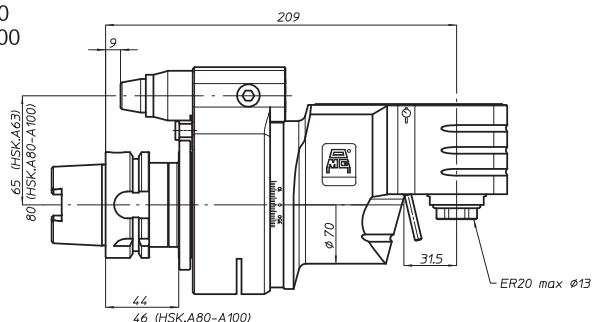
90°横銑頭
testa ad angolo - angle head

TAO13...

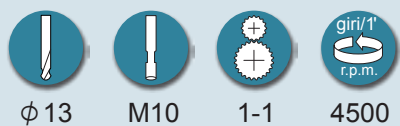
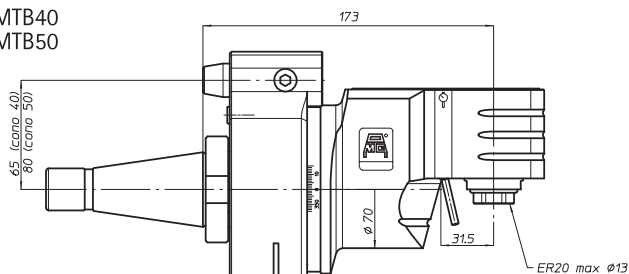
TAO13...-DIN69871.A40
TAO13...-DIN69871.A45
TAO13...-DIN69871.A50
TAO13...-ANSI B5.50 CAT40
TAO13...-ANSI B5.50 CAT50
TAO13...-MAS403.BT40
TAO13...-MAS403.BT50



TAO13...-DIN69893.HSK.A63
TAO13...-DIN69893.HSK.A80
TAO13...-DIN69893.HSK.A100



TAO13...-DIN2080.40
TAO13...-DIN2080.50
TAO13...-ANSI B5.18 NMTB40
TAO13...-ANSI B5.18 NMTB50



peso/weight



7.5 kg



10.5 kg

rotazione/rotation

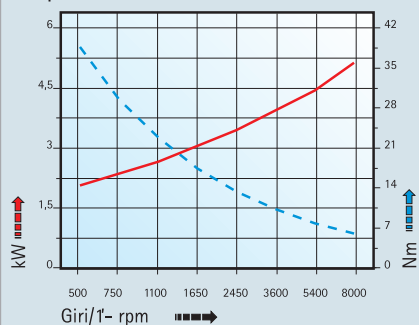


input



output

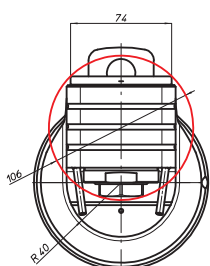
prestazioni performances TAO13P



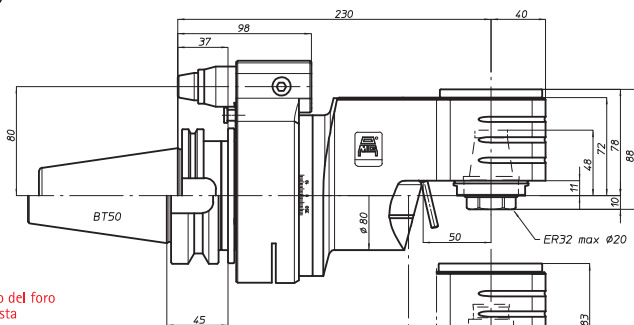
90°横鉄頭
testa ad angolo - angle head

TAO20...

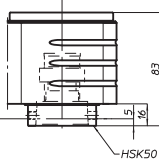
TAO20...-DIN69871.A45
TAO20...-DIN69871.A50
TAO20...-ANSI B5.50 CAT50
TAO20...-MAS403.BT50



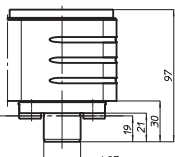
Diametro minimo del foro
in cui entra la testa



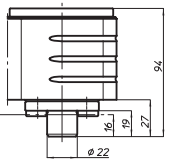
TAO20.P



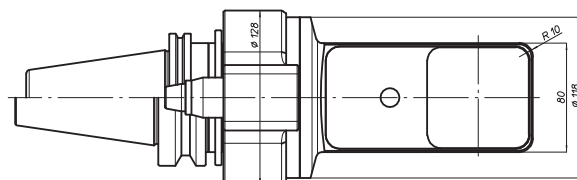
TAO20.H



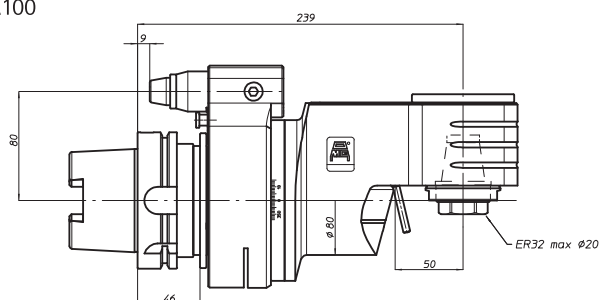
TAO20.F27



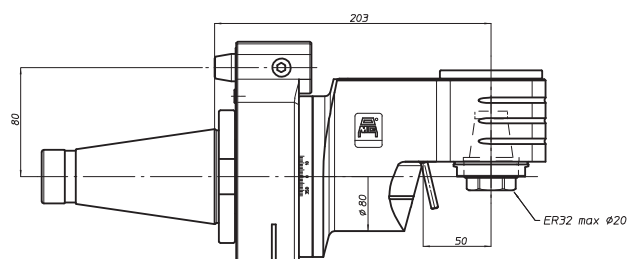
TAO20.F22



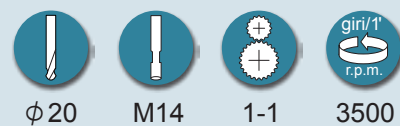
TAO20...-DIN69893.HSK.A80
TAO20...-DIN69893.HSK.A100



TAO20...-DIN2080.50
TAO20...-ANSI B5.18 NMTB50



TA



φ 20

M14

1-1

3500

peso/weight



14.5 kg

rotazione/rotation



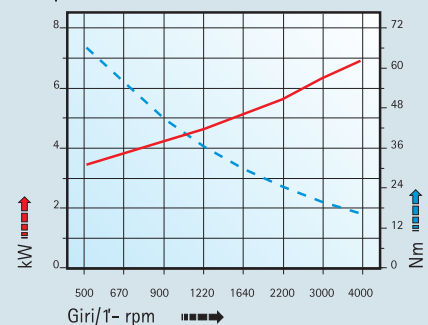
input



output

prestazioni
performances

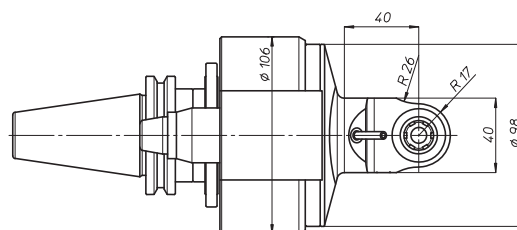
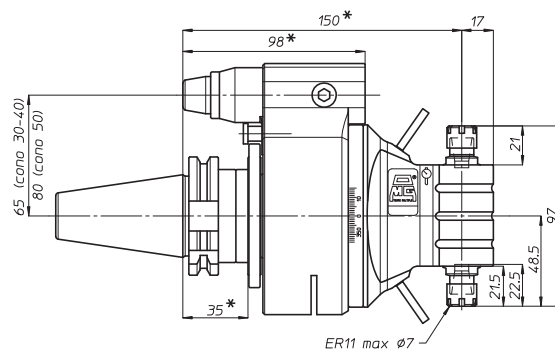
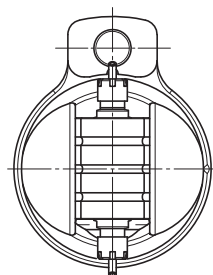
TAO20P



90°雙頭橫銑頭
testa ad angolo - angle head

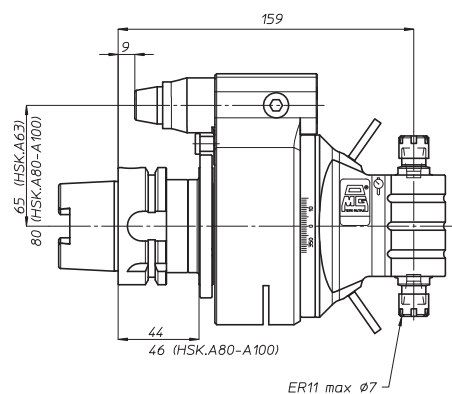
TA07.2P

TA07.2P-DIN69871.A30
TA07.2P-DIN69871.A40
TA07.2P-DIN69871.A45
TA07.2P-DIN69871.A50
TA07.2P-ANSI B5.50 CAT40
TA07.2P-ANSI B5.50 CAT50
TA07.2P-MAS403.BT40
TA07.2P-MAS403.BT50

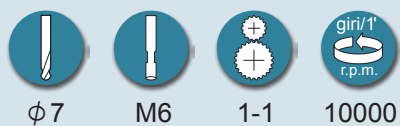
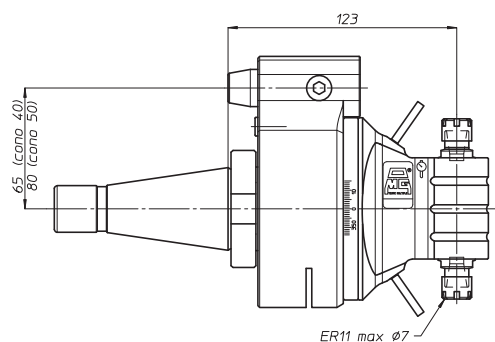


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TA07.2P-DIN69893.HSK.A63
TA07.2P-DIN69893.HSK.A80
TA07.2P-DIN69893.HSK.A100



TA07.2P-DIN2080.40
TA07.2P-DIN2080.50
TA07.2P-ANSI B5.18 NMTB40
TA07.2P-ANSI B5.18 NMTB50



peso/weight



5 kg



7 kg

rotazione/rotation

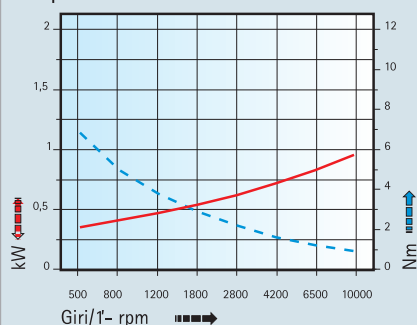


input



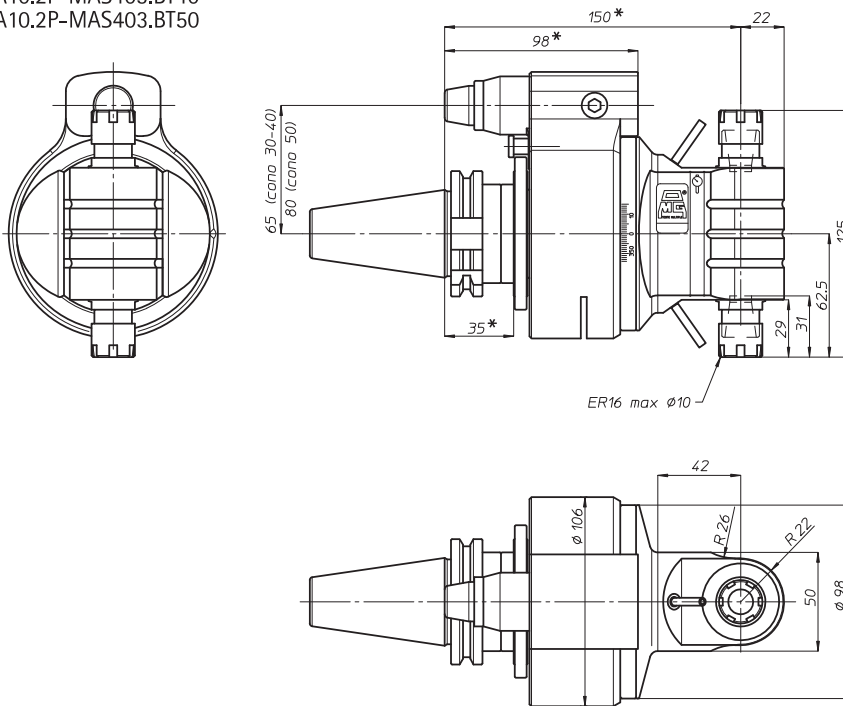
output

prestazioni
performances **TA07.2P**



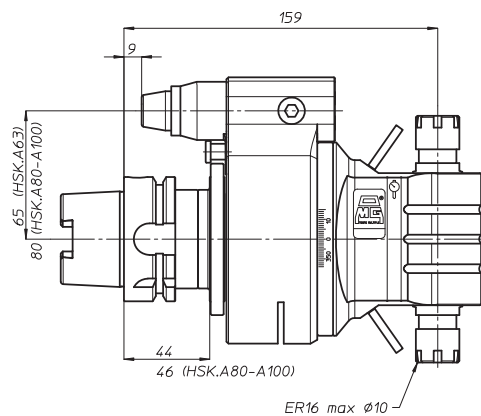
TA10.2P

TA10.2P-DIN69871.A30
TA10.2P-DIN69871.A40
TA10.2P-DIN69871.A45
TA10.2P-DIN69871.A50
TA10.2P-ANSI B5.50 CAT40
TA10.2P-ANSI B5.50 CAT50
TA10.2P-MAS403.BT40
TA10.2P-MAS403.BT50

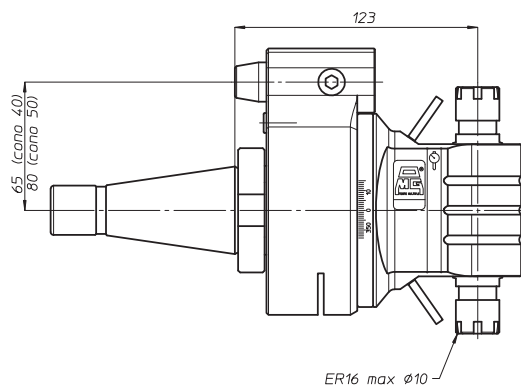


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

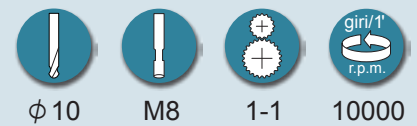
TA10.2P-DIN69893.HSK.A63
TA10.2P-DIN69893.HSK.A80
TA10.2P-DIN69893.HSK.A100



TA10.2P-DIN2080.40
TA10.2P-DIN2080.50
TA10.2P-ANSI B5.18 NMTB40
TA10.2P-ANSI B5.18 NMTB50



TA



peso/weight



5.5 kg



7.5 kg

rotazione/rotation

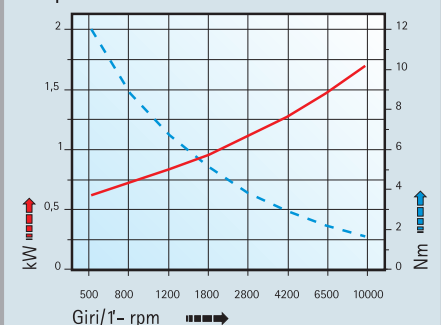


input



output

prestazioni performances **TA10.2P**

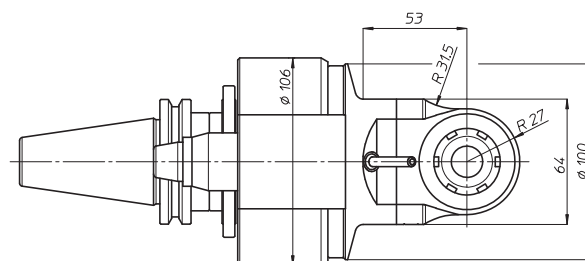
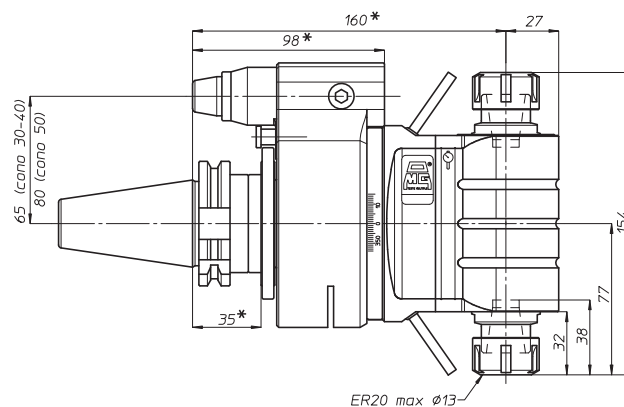
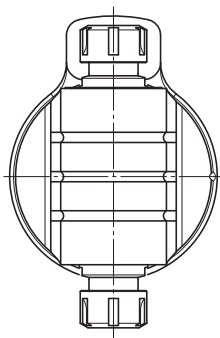


90°雙頭橫銑頭
testa ad angolo - angle head

TA13.2P

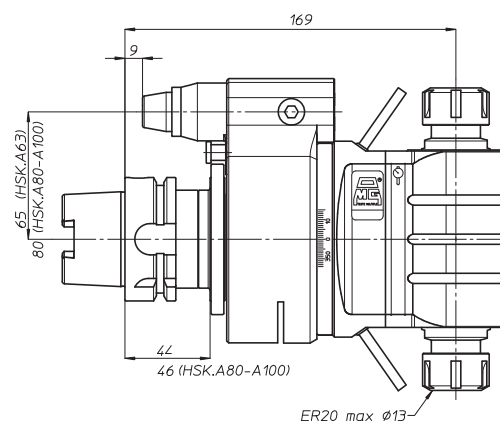


TA13.2P-DIN69871.A40
TA13.2P-DIN69871.A45
TA13.2P-DIN69871.A50
TA13.2P-ANSI B5.50 CAT40
TA13.2P-ANSI B5.50 CAT50
TA13.2P-MAS403.BT40
TA13.2P-MAS403.BT50

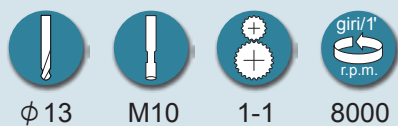
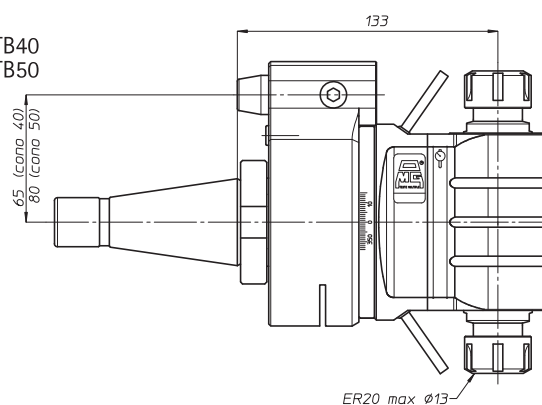


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TA13.2P-DIN69893.HSK.A63
TA13.2P-DIN69893.HSK.A80
TA13.2P-DIN69893.HSK.A100



TA13.2P-DIN2080.40
TA13.2P-DIN2080.50
TA13.2P-ANSI B5.18 NMTB40
TA13.2P-ANSI B5.18 NMTB50



peso/weight



6.5 kg



9 kg

rotazione/rotation

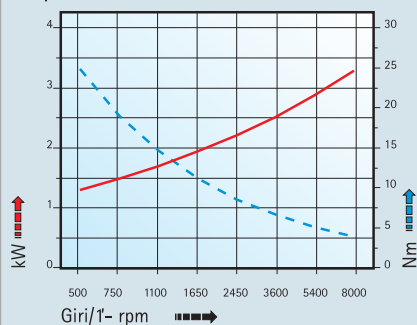


input



output

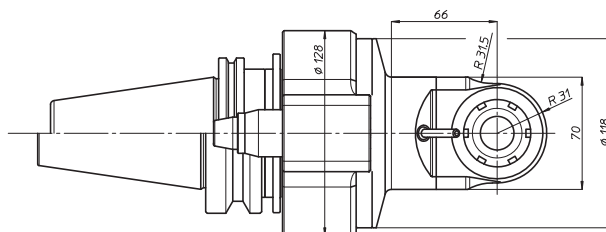
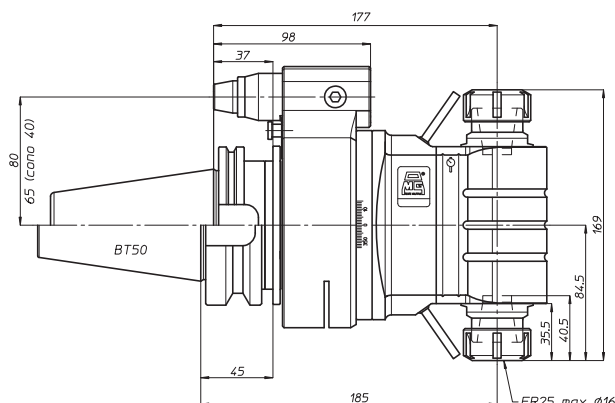
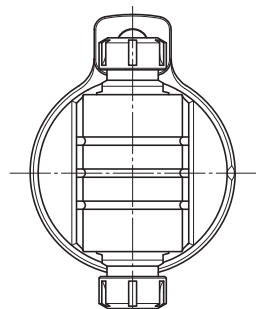
prestazioni
performances **TA13.2P**



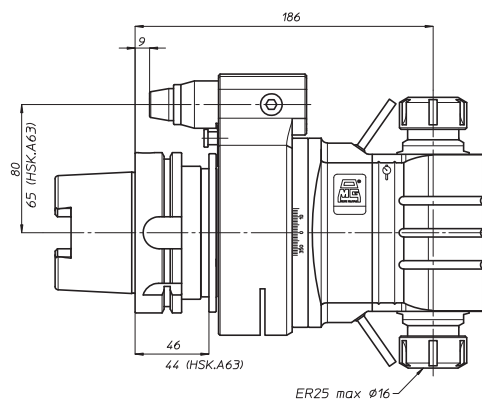
90°雙頭橫銑頭
testa ad angolo - angle head

TA16.2P

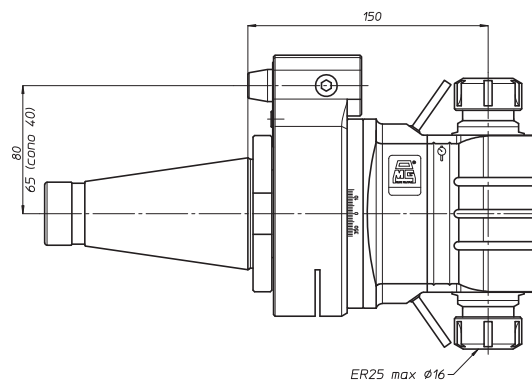
TA16.2P-DIN69871.A40
TA16.2P-DIN69871.A45
TA16.2P-DIN69871.A50
TA16.2P-ANSI B5.50 CAT40
TA16.2P-ANSI B5.50 CAT50
TA16.2P-MAS403.BT40
TA16.2P-MAS403.BT50



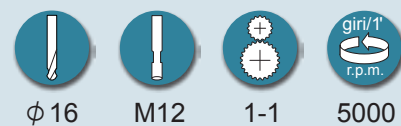
TA16.2P-DIN69893.HSK.A63
TA16.2P-DIN69893.HSK.A80
TA16.2P-DIN69893.HSK.A100



TA16.2P-DIN2080.40
TA16.2P-DIN2080.50
TA16.2P-ANSI B5.18 NMTB40
TA16.2P-ANSI B5.18 NMTB50



TA



peso/weight



7.7 kg



12.2 kg

rotazione/rotation

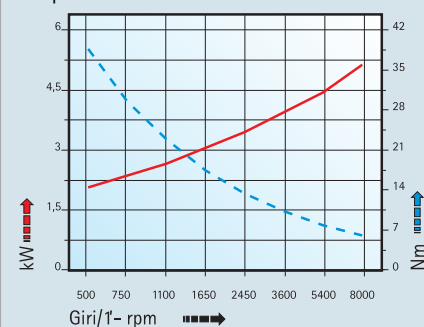


input



output

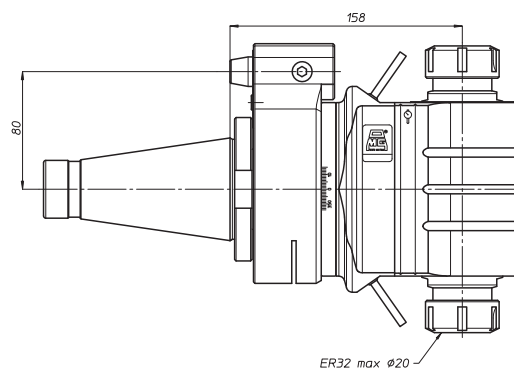
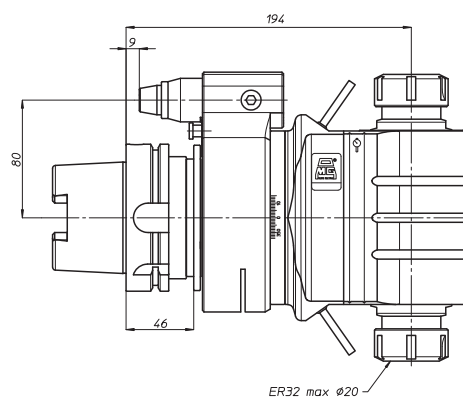
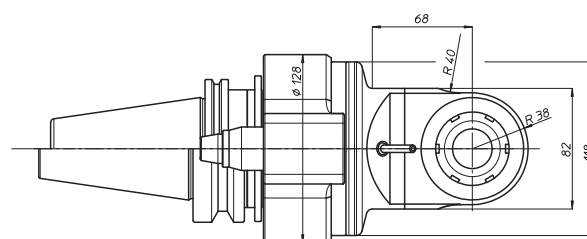
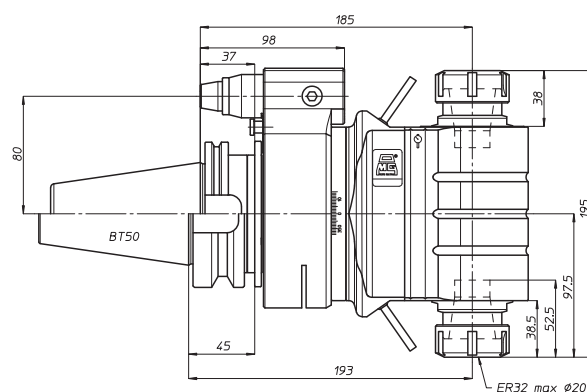
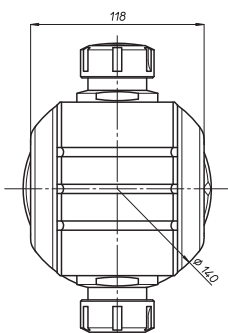
prestazioni
performances TA16.2P



90°雙頭橫銑頭
testa ad angolo - angle head

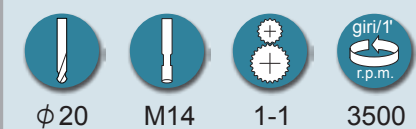
TA20.2P

TA20.2P-DIN69871.A45
TA20.2P-DIN69871.A50
TA20.2P-ANSI B5.50 CAT50
TA20.2P-MAS403.BT50



TA20.2P-DIN69893.HSK.A80
TA20.2P-DIN69893.HSK.A100

TA20.2P-DIN2080.50
TA20.2P-ANSI B5.18 NMTB50



peso/weight



15 kg

rotazione/rotation

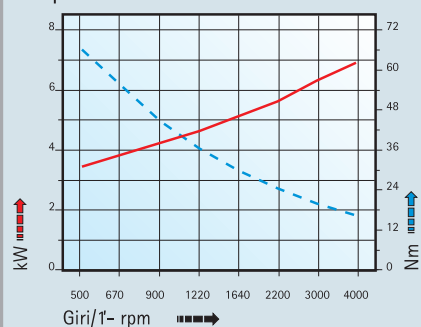


input



output

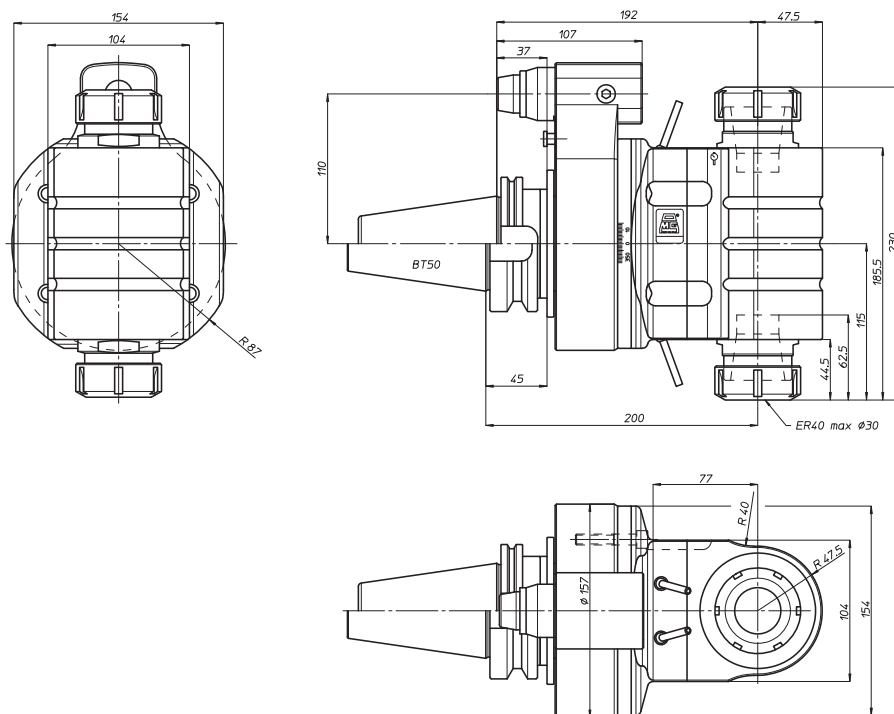
prestazioni
performances **TA20.2P**



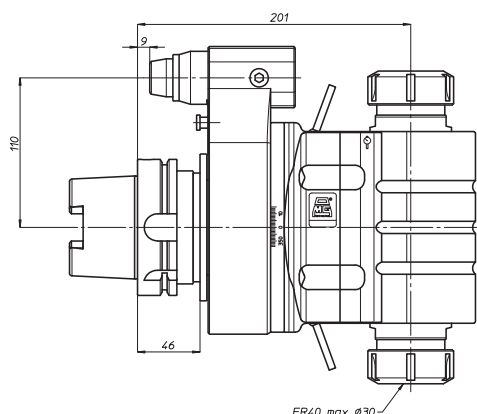
90°雙頭橫銑頭
testa ad angolo - angle head

TA26.2P

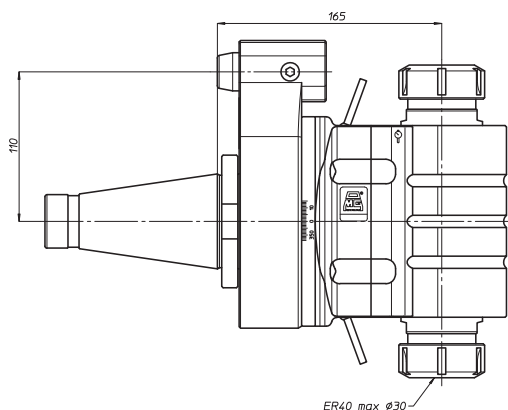
TA26.2P-DIN69871.A50
TA26.2P-ANSI B5.50 CAT50
TA26.2P-MAS403.BT50



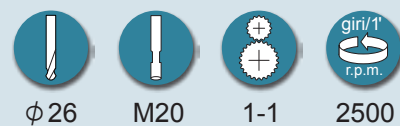
TA26.2P-DIN69893.HSK.A100



TA26.2P-DIN2080.50
TA26.2P-ANSI B5.18 NMTB50



TA



peso/weight



22.5 kg

rotazione/rotation



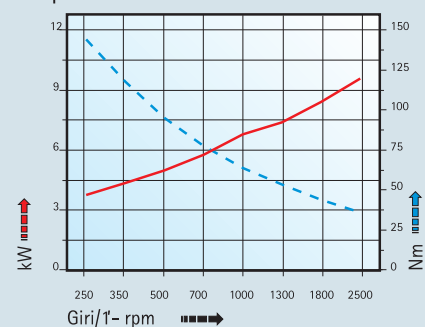
input



output

prestazioni
performances

TA26.2P

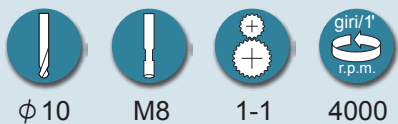


角度可調式橫銑頭
testa ad angolo - angle head

TAV10.P



TAV10P-DIN69871.A40
TAV10P-DIN69871.A45
TAV10P-DIN69871.A50
TAV10P-ANSI B5.50 CAT40
TAV10P-ANSI B5.50 CAT50
TAV10P-MAS403.BT40
TAV10P-MAS403.BT50



peso/weight



6.4 kg



8.5 kg

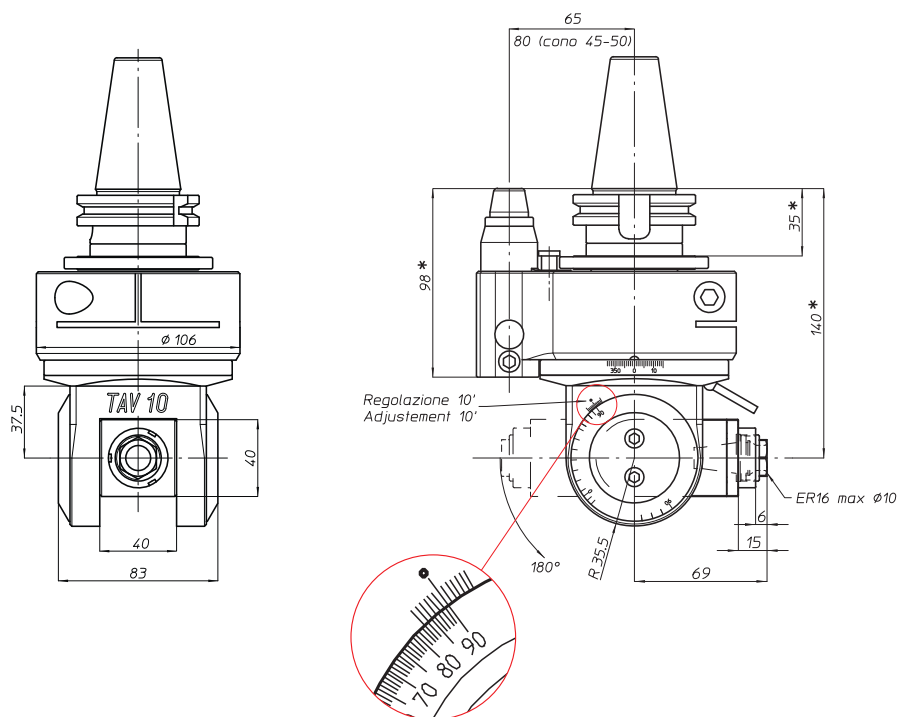
rotazione/rotation



input



output

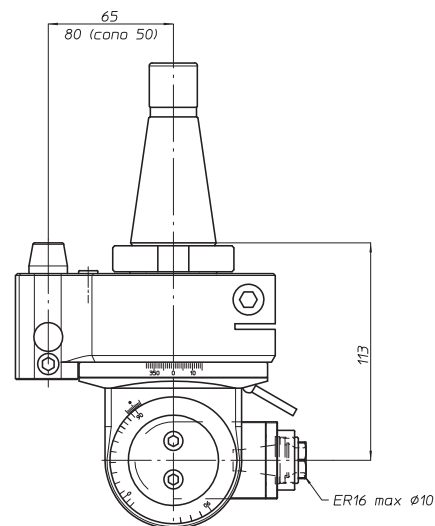
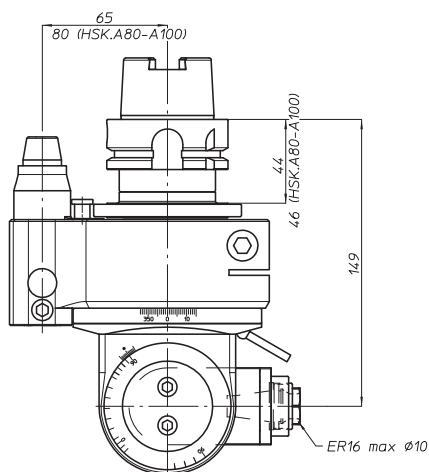
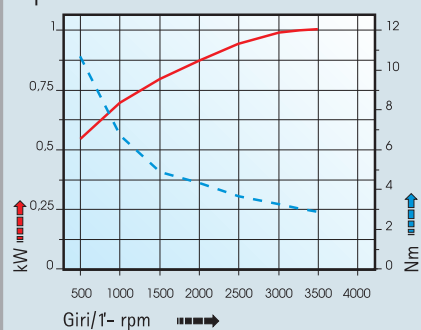


* Con cono BT50 aumentate le quote di 8 mm
Increase the quote by 8 mm when using BT50 shank

TAV10P-DIN69893.HSK.A63
TAV10P-DIN69893.HSK.A80
TAV10P-DIN69893.HSK.A100

TAV10P-DIN2080.40
TAV10P-DIN2080.50
TAV10P-ANSI B5.18 NMTB40
TAV10P-ANSI B5.18 NMTB50

prestazioni
performances **TAV10.P**



TAV13.P

Technical drawing of the TAV 13 tool head, showing front and side views with dimensions and a detail of the 10' adjustment scale.

Front View Dimensions:

- Top flange: BT50
- Body diameter: $\phi 106$
- Body height: 45
- Base plate: TAV 13
- Base plate height: 49
- Base plate width: 48
- Base plate length: 93

Side View Dimensions:

- Top flange: BT50
- Top flange diameter: 80
- Top flange height: 65 (cono 40)
- Body height: 45
- Body diameter: 98
- Base plate height: 150
- Base plate length: 158
- Base plate width: 92
- Base plate thickness: 30.2
- Base plate height: 39.2

Detail of 10' Adjustment Scale:

- Regolazione 10' / Adjustment 10'
- Scale markings: 70, 80, 90
- Scale radius: R 40.5
- Scale angle: 180°

Material Specifications:

- ER20 max $\phi 13$
- ER25 max $\phi 16$

Technical drawings of the ER20/ER25 collet chuck showing front and side views with dimensions.

Front View (Left):

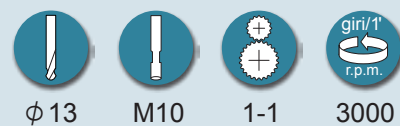
- Overall width: 80
- Width of the main body: 65 (HSK A63)
- Height of the main body: 159
- Height of the top flange: 46
- Height of the bottom flange: 44 (HSK A63)
- Bottom flange diameter: ER20 max $\varnothing 13$, ER25 max $\varnothing 16$

Side View (Right):

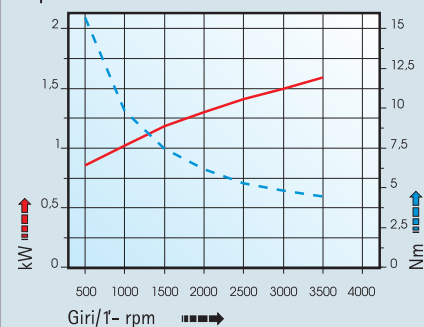
- Overall height: 123
- Height of the main body: 65 (cono 40)
- Height of the top flange: 80
- Bottom flange diameter: ER20 max $\varnothing 13$, ER25 max $\varnothing 16$



TA



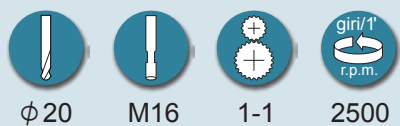
prestazioni
performances **TAV13.P**



角度可調式橫銑頭
testa ad angolo - angle head

TAV20.P

TAV20P-DIN69871.A50
TAV20P-ANSI B5.50 CAT50
TAV20P-MAS403.BT50



peso/weight



18.5 kg

rotazione/rotation

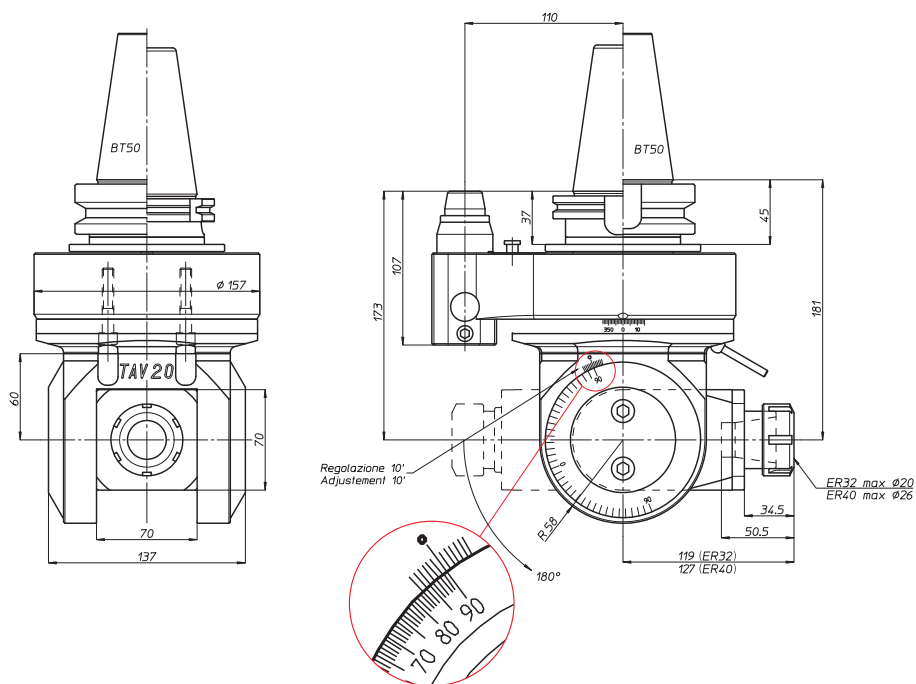
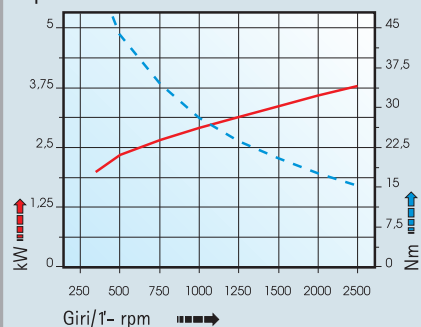


input



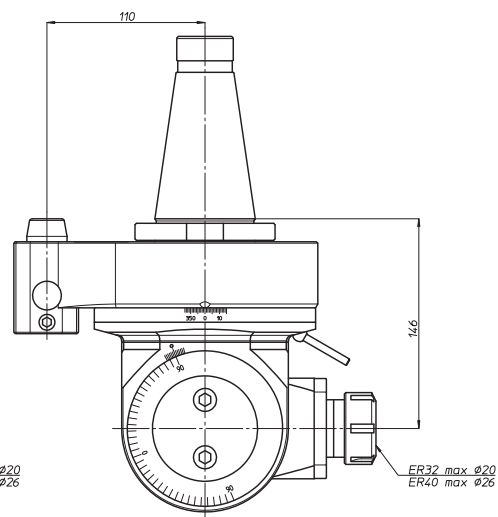
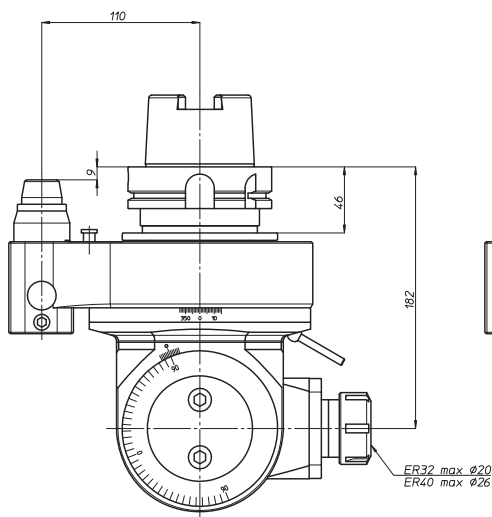
output

prestazioni
performances **TAV20.P**

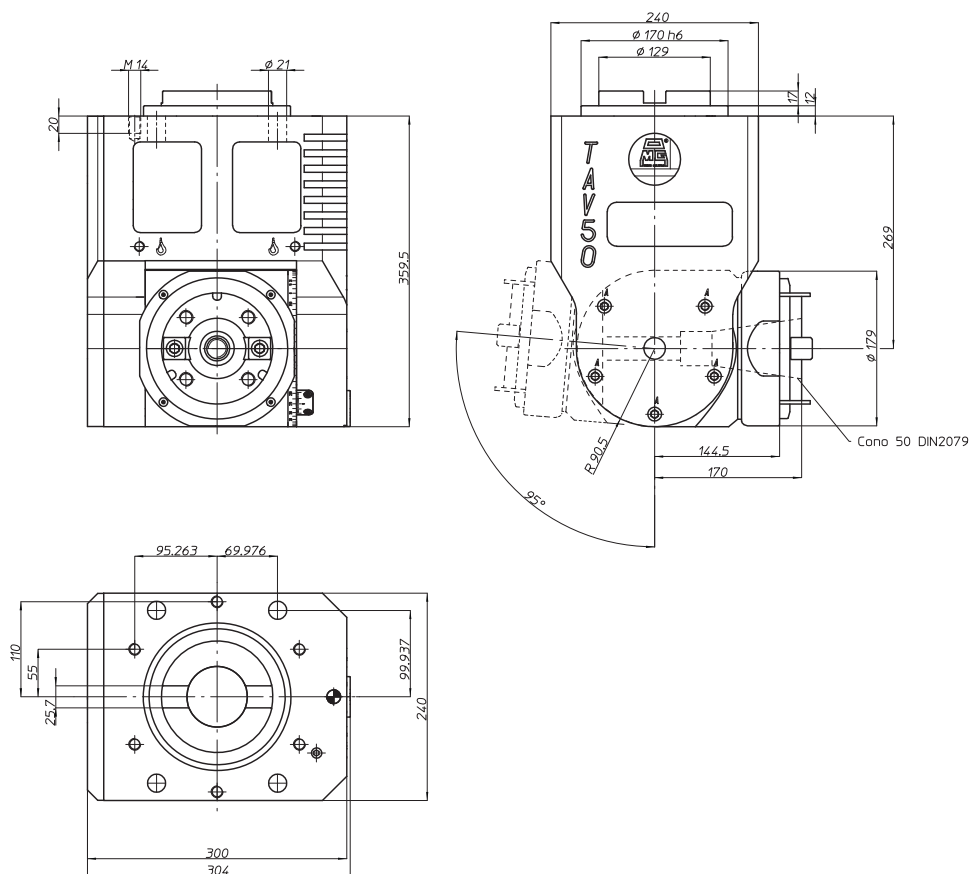


TAV20P-DIN69893.HSK.A100

TAV20P-DIN2080.50
TAV20P-ANSI B5.18 NMTB50



TAV50.T



Equipaggiamento standard:

- pressurizzazione mandrino
- 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

Opzioni:

- mandrino DIN69893-HSK-A100, CAPTO C8

Standard equipment:

- spindle front pressurization
- nr 4 adjustable nozzle near the spindle
- free angle spindle adjustment or by pin each 15°
- on the spindle DIN2079 you can use shank DIN69871-A50, MAS403-BT50

Options:

- spindle DIN69893-HSK-A100, CAPTO C8



Ø45



M36



1-2



4500
OUTPUT

peso/weight



145 kg

rotazione/rotation

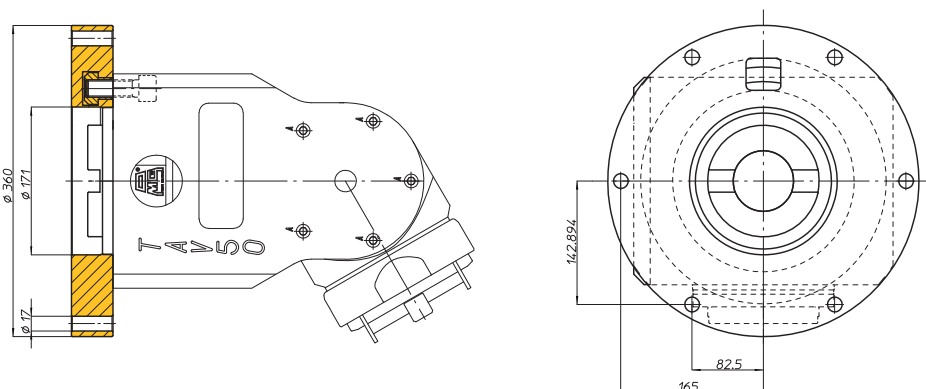


input

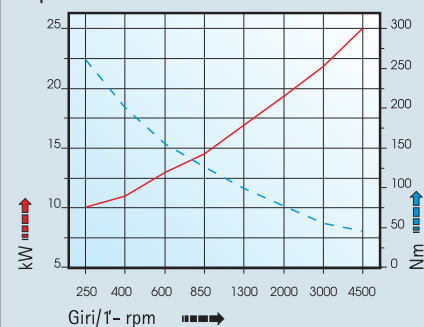


output

esempio di collegamento - connection example



prestazioni performances TAV50.T



TA20...T



$\phi 10$



M8



1-1



4000

4000

4000

peso/weight

head



7.5 kg

extension



L100-7.6 kg
L200-15 kg

L200-15 kg

rotazione/rotation

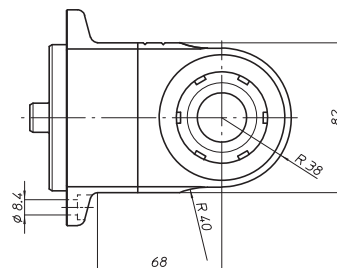
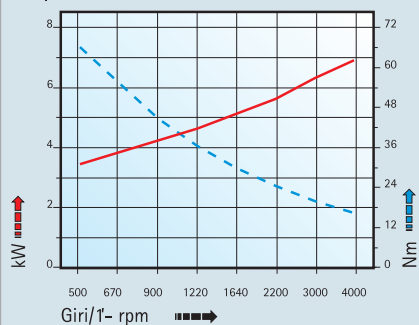


input

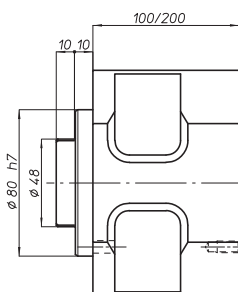


output

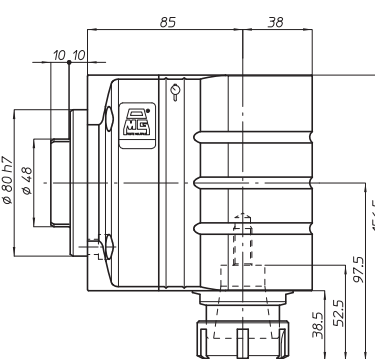
prestazioni
performances **TA20...T**



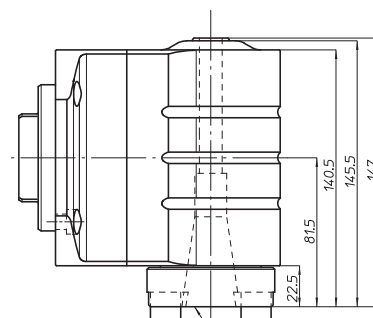
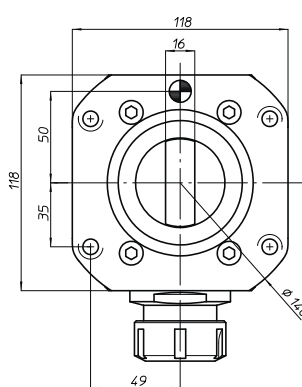
TA20P.T



Prolunga
Extension



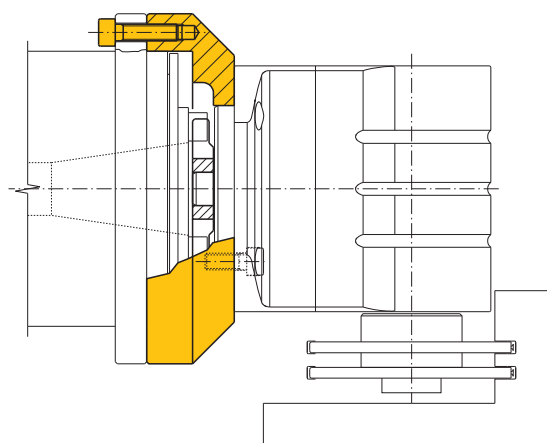
ER32 max $\phi 20$ -



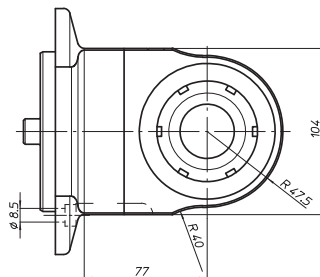
—Cono 30 DIN2079

TA20.30.T

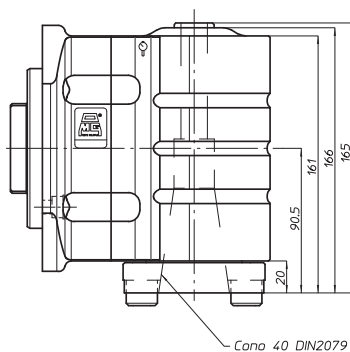
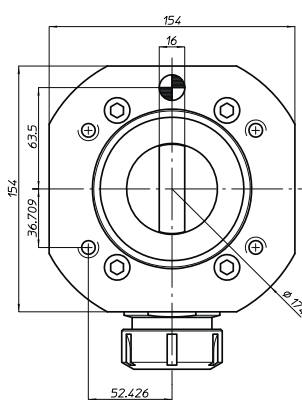
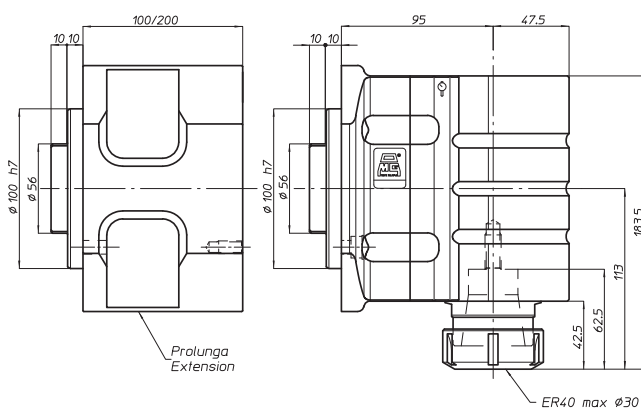
esempio di collegamento - *connection example*



TA26...T

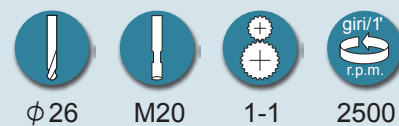
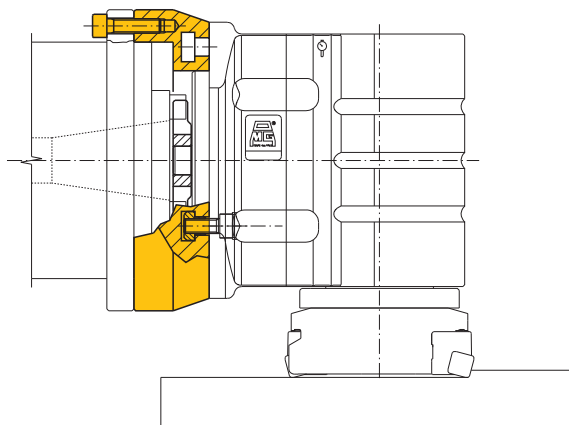


TA26P.T



TA26.40.T

esempio di collegamento - connection example



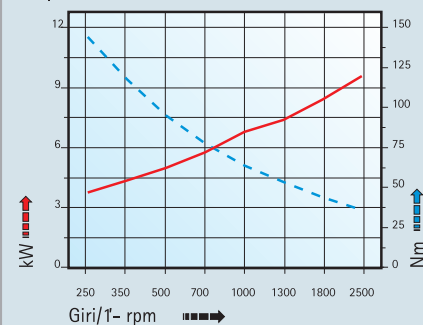
peso/weight



rotazione/rotation



prestazioni performances TA26...T



TA50.T



$\phi 45$



M36



1-1


$$\frac{2500}{4500}$$

peso/weight



95 kg

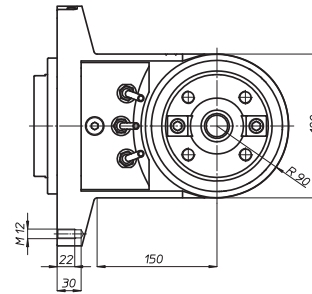
rotazione/rotation



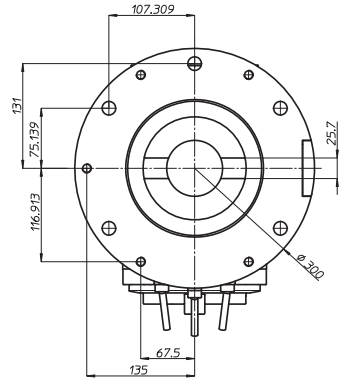
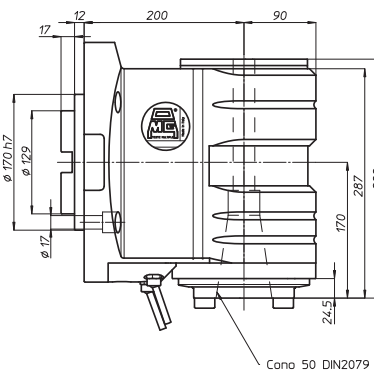
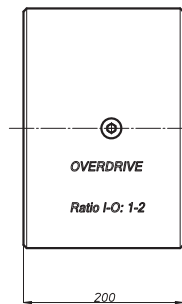
input



output



TA50.T (rpm 2500)
TA50HV.T (rpm 4500)



Equipaggiamento standard:

- pressurizzazione mandrino
- n. 3 ugelli orientabili vicino al mandrino
- nel mandrino DIN2079 si possono utilizzare coni DIN2080-50, DIN69871-A50, MAS403-BT50

Opzioni:

- mandrinio DIN69893-HSK-A100, CAPTO C8

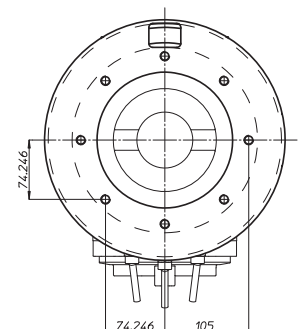
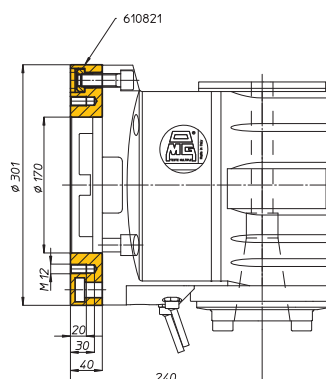
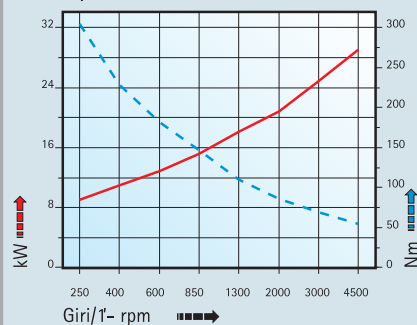
Standard equipment:

- spindle front pressurization
- nr 3 adjustable nozzle near the spindle
- on the spindle DIN2079 you can use shank DIN2080-50, DIN69871-A50, MAS403-BT50

Options:

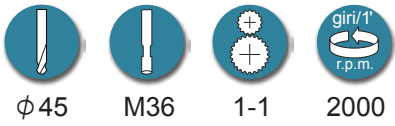
- spindle DIN69893-HSK-A100, CAPTO C8

prestazioni
performances **TA50.T**



esempio di collegamento - *connection example*

TA50.PL



peso/weight



560 kg

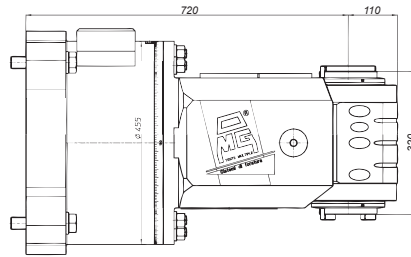
rotazione/rotation



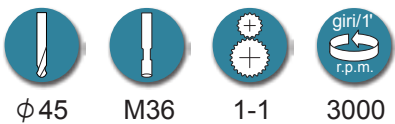
input



output



Max.40kw



peso/weight



65 kg

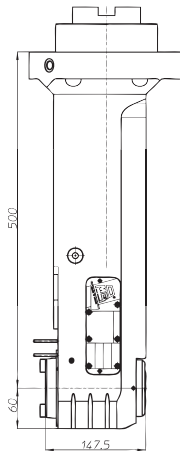
rotazione/rotation



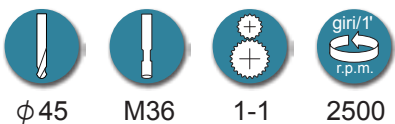
input



output



Max.25kw



peso/weight



125 kg

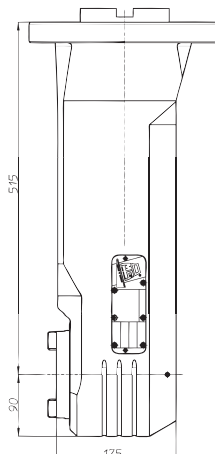
rotazione/rotation



input



output

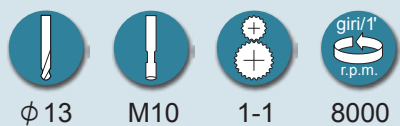


Max.35kw



90°横銑頭
testa ad angolo - angle head

TA13P.VDI



peso/weight



4.5 kg

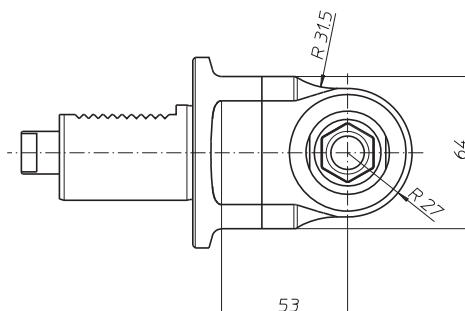
rotazione/rotation



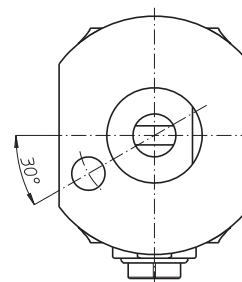
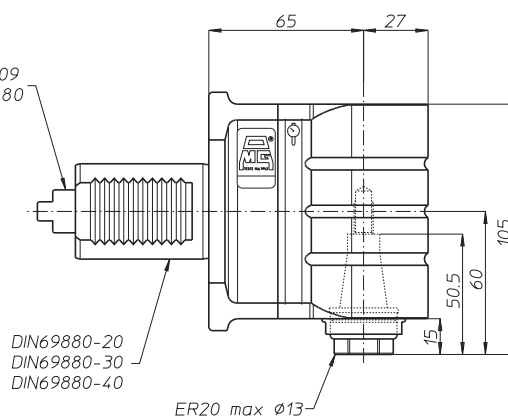
input



output



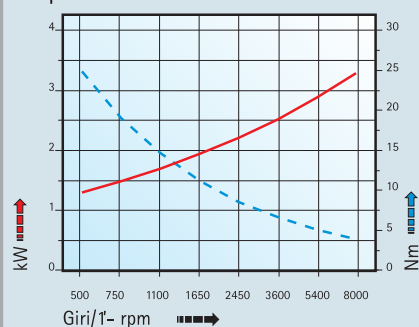
DIN1809
DIN5480



soluzioni speciali - special solutions

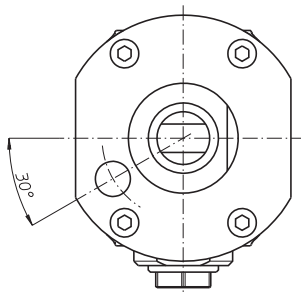
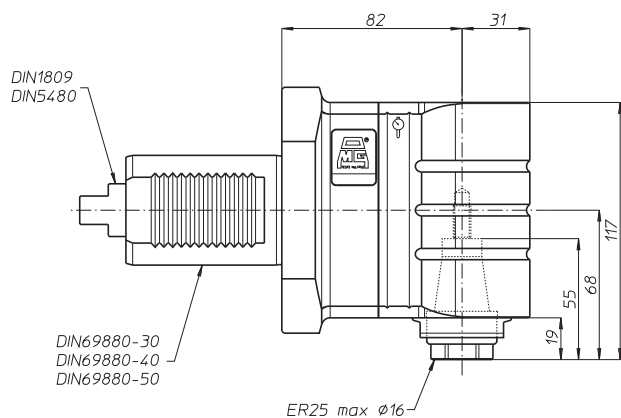
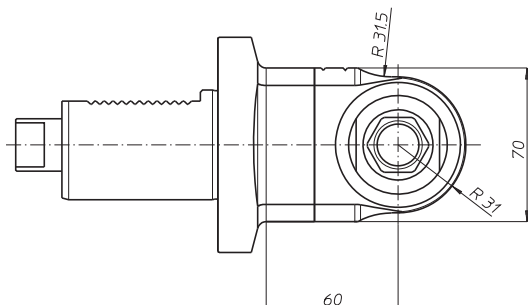


prestazioni
performances TA13P.VDI

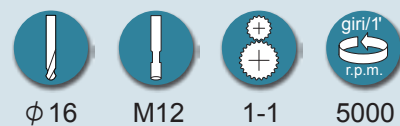


90°横銑頭
testa ad angolo - angle head

TA16P.VDI



soluzioni speciali - special solutions



peso/weight



6.5 kg

rotazione/rotation



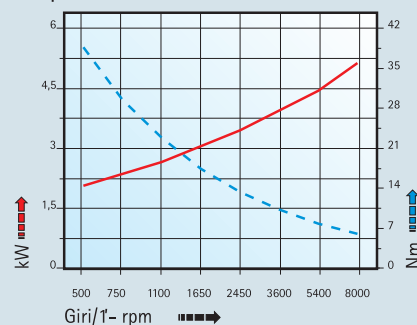
input



output

prestazioni
performances

TA16P.VDI



角度可調式橫銑頭
testa ad angolo - angle head

TAV10P.VDI



φ 10



M8



1-1



4000

peso/weight



3.5 kg

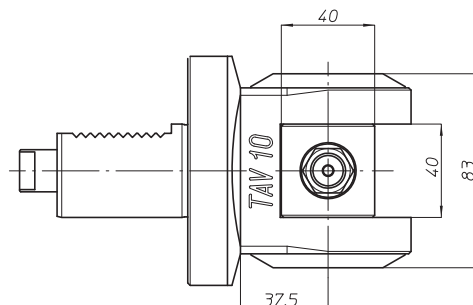
rotazione/rotation



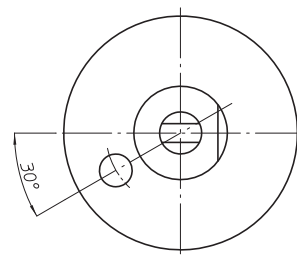
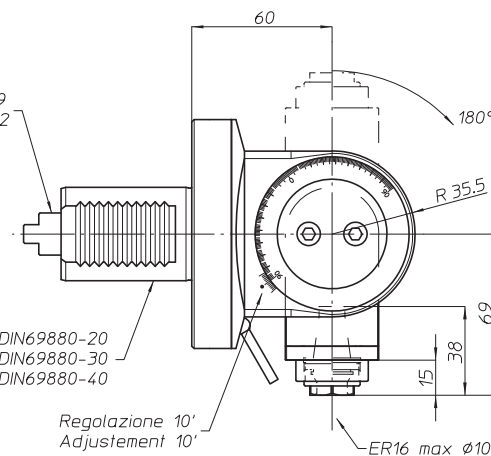
input



output



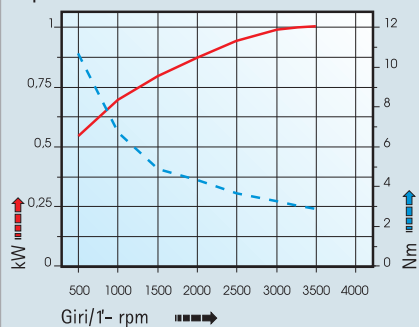
DIN1809
DIN5482



soluzioni speciali - special solutions

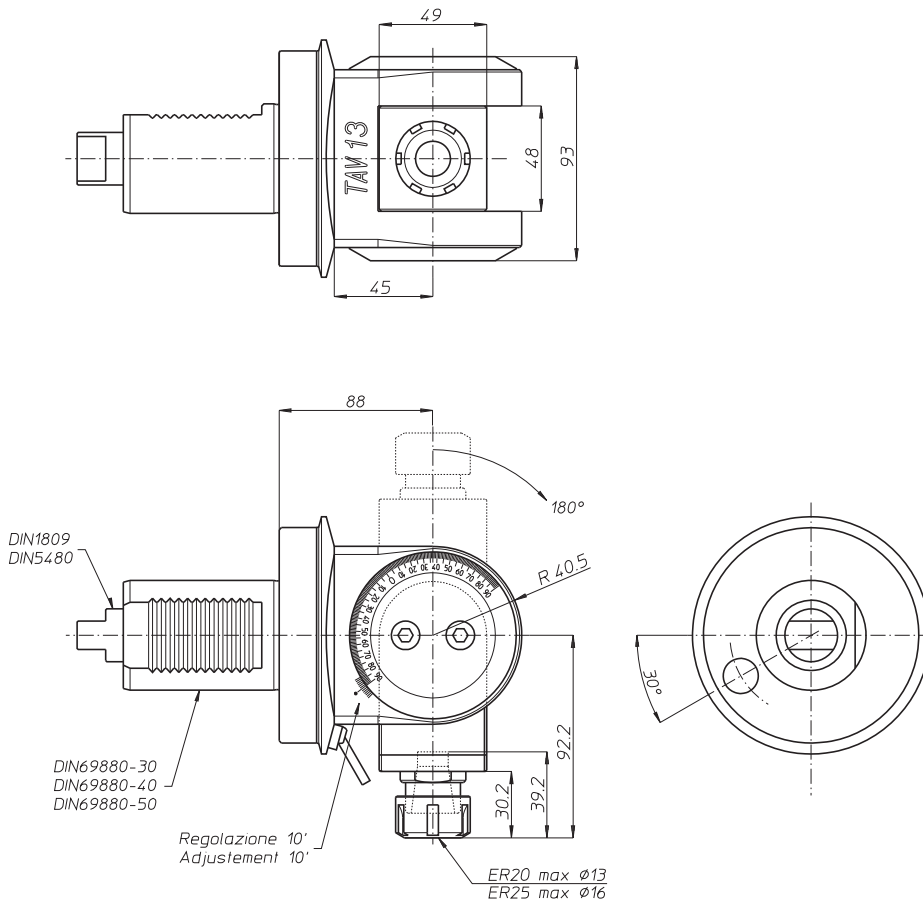


prestazioni
performances TAV10P.VDI

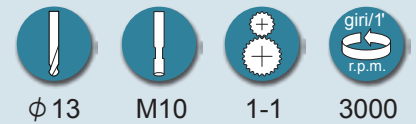


TAV13P.VDI

TA



soluzioni speciali - special solutions



peso/weight



5.5 kg

rotazione/rotation

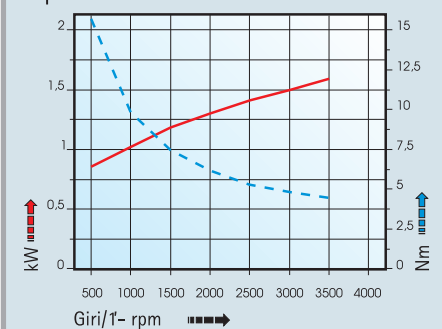


input



output

prestazioni performances **TAV13P.VDI**

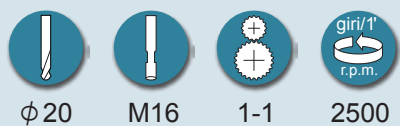


角度横銑頭
testa ad angolo - angle head

TAF10.P



TAF10P-DIN69871.A30
TAF10P-DIN69871.A40
TAF10P-DIN69871.A45
TAF10P-DIN69871.A50
TAF10P-ANSI B5.50 CAT40
TAF10P-ANSI B5.50 CAT50
TAF10P-MAS403.BT40
TAF10P-MAS403.BT50



peso/weight



18.5 kg

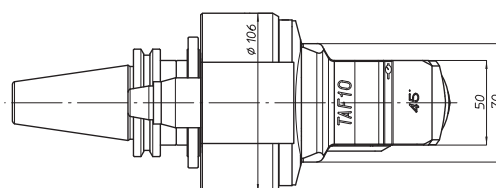
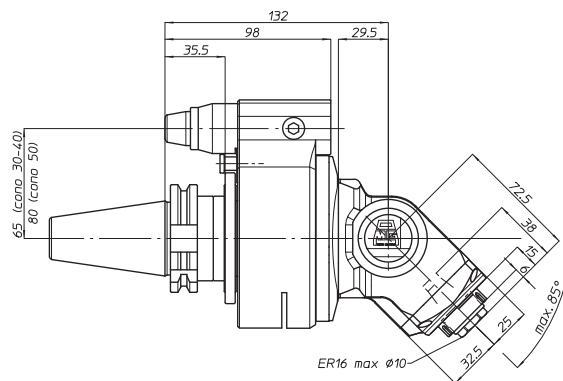
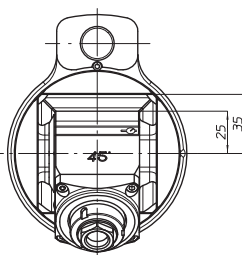
rotazione/rotation



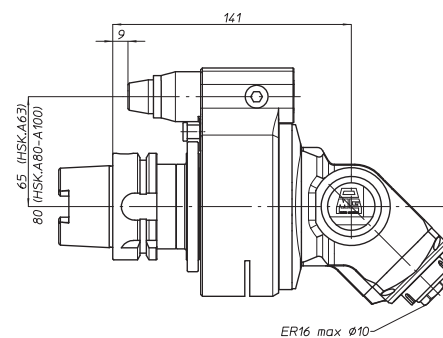
input



output

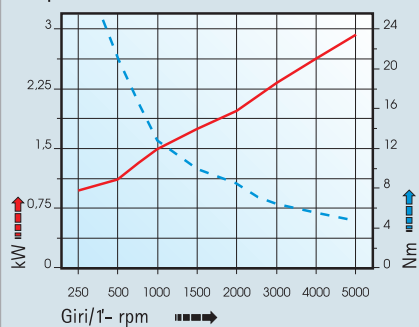


TAF10P-DIN69893.HSK.A63
TAF10P-DIN69893.HSK.A80
TAF10P-DIN69893.HSK.A100



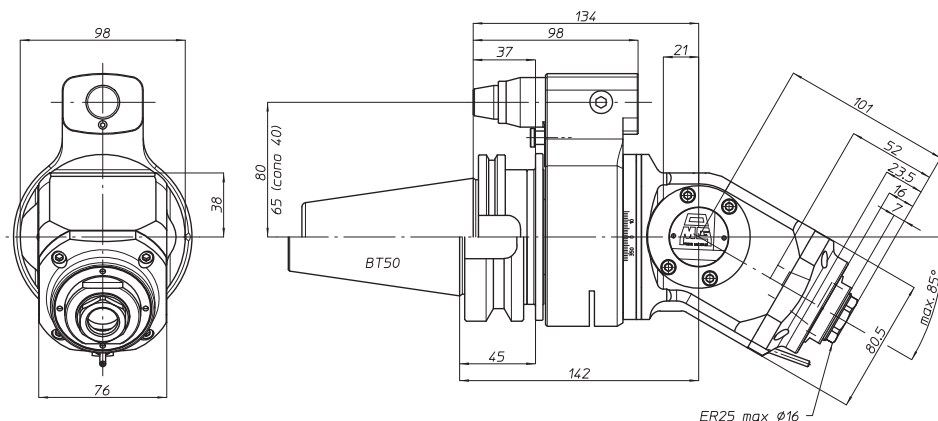
prestazioni
performances

TAF10.P

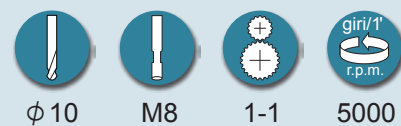
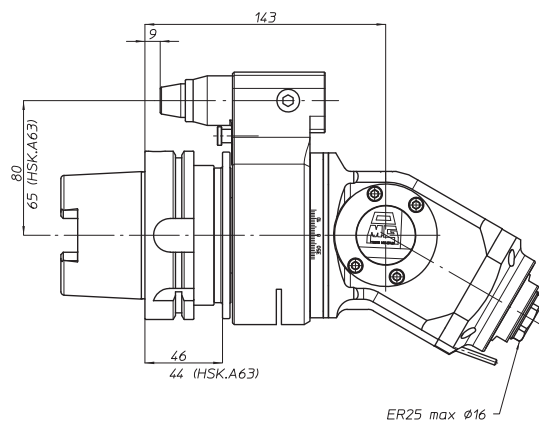


TAF16.P

TAF13P-DIN69871.A40
TAF13P-DIN69871.A45
TAF13P-DIN69871.A50
TAF13P-ANSI B5.50 CAT40
TAF13P-ANSI B5.50 CAT50
TAF13P-MAS403.BT40
TAF13P-MAS403.BT50



TAF13P-DIN69893.HSK.A63
TAF13P-DIN69893.HSK.A80
TAF13P-DIN69893.HSK.A100



peso/weight



5.5 kg



7 kg

rotazione/rotation

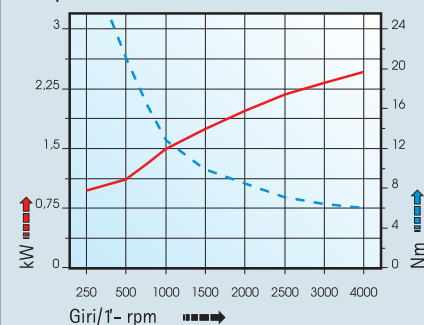


input



output

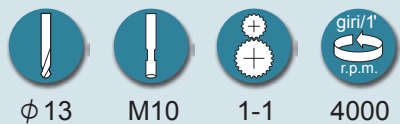
prestazioni performances **TAF13.P**



角度横銑頭
testa ad angolo - angle head

TAF20.P

TAF20P-DIN69871.A45
TAF20P-DIN69871.A50
TAF20P-ANSI B5.50 CAT50
TAF20P-MAS403.BT50



peso/weight



6.5 kg



8.5 kg

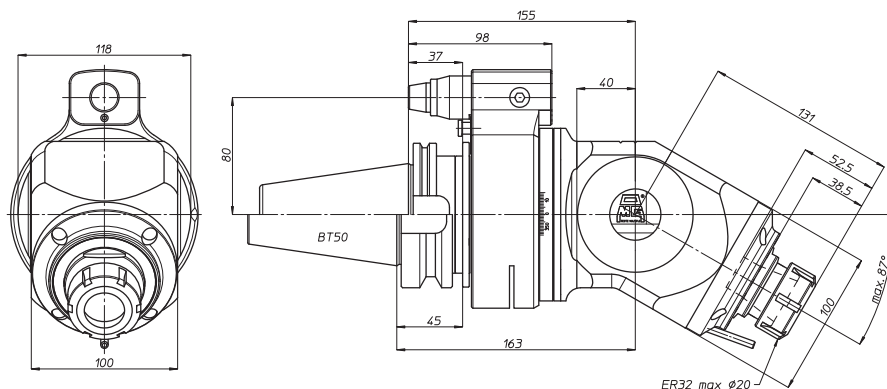
rotazione/rotation



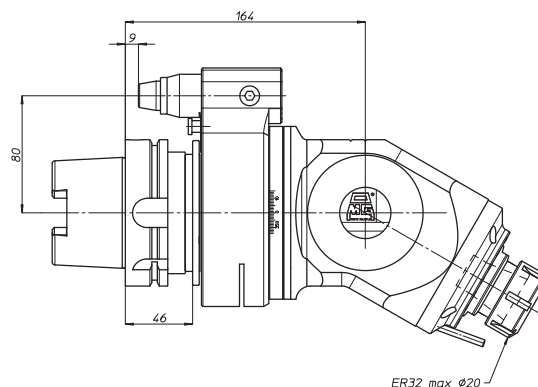
input



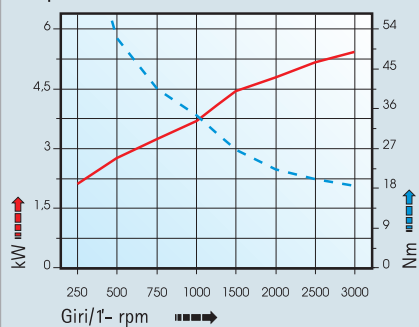
output



TAF20P-DIN69893.HSK.A80
TAF20P-DIN69893.HSK.A100



prestazioni
performances **TAF20.P**

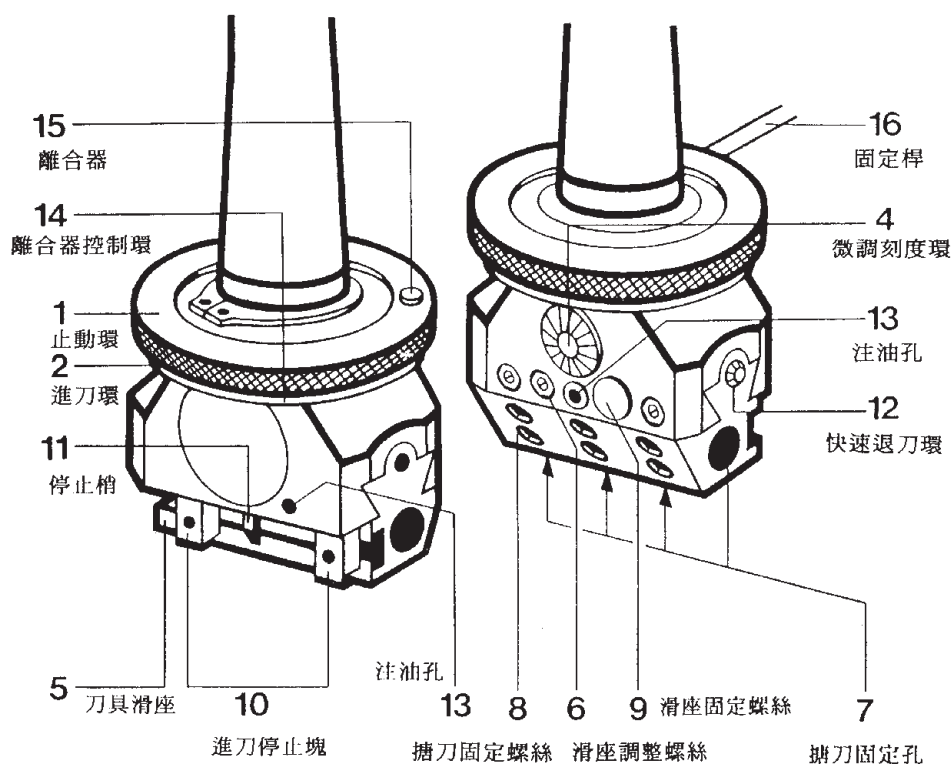


精密自動搪孔頭(捷克製)(Automatic Boring And Facing Head)

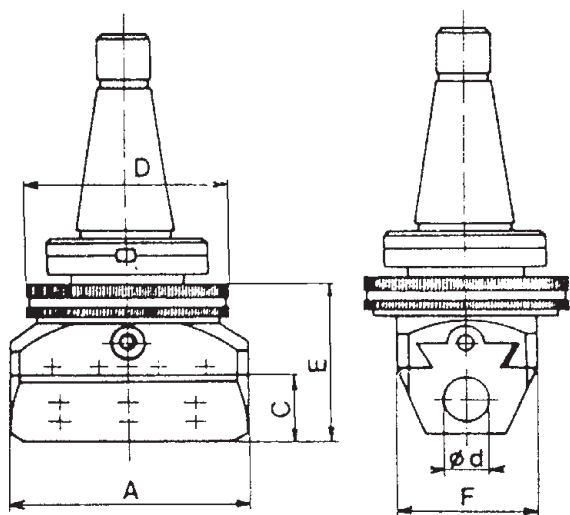
特性:

1. 適用於鑽孔機，橫式與立式搪床，萬能銑床和其他工作母機上的精密加工作業。
2. 在搪孔作業時，滑座調整可達相對直徑0.01mm的精度。
3. 自動進刀VHU36有三段進刀量，VHU56/80/110/125/160有四段進刀量。
4. 自動進刀脫離後，以手動快速退刀，操作簡單和容易保養。

VHU 功能名稱圖:



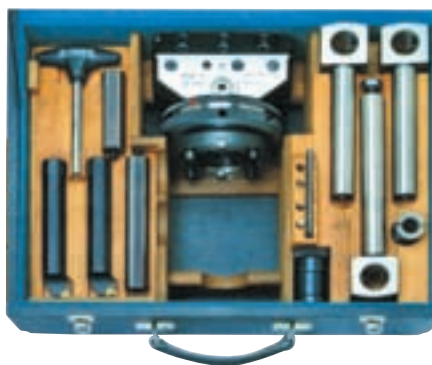
搪孔頭尺寸圖:



※VHU110和VHU80本體相同，但VHU110滑座加長。
 ※VHU160和VHU125本體相同，但VHU160滑座加長。

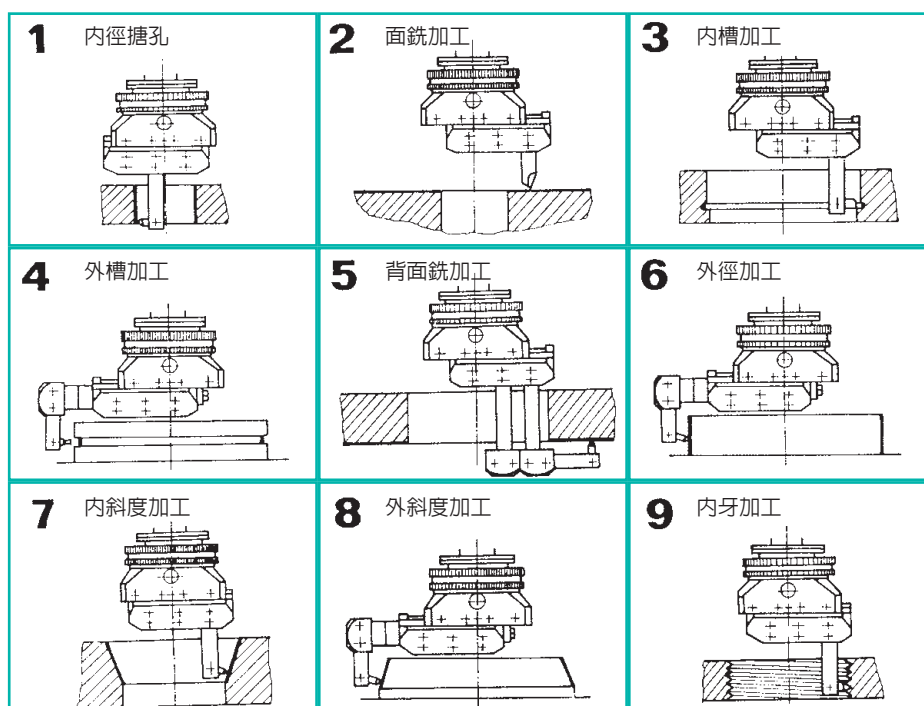
	A	B	C	D	E	F
VHU36	78	28	72	16	80	53
VHU56	115	36	126	25	110	80
VHU80	140	36	126	25	110	80
VHU110	140	36	140	25	110	80
VHU125	190	42	140	32	126	92
VHU160	190	50	140	32	134	92

精密自動搪孔器(Boring Head Sets)



VHU 規格說明表：

規 格	VHU36	VHU56	VHU80	VHU110	VHU125	VHU160
搪頭滑座行程	36	56	80	110	125	160
平面切削直徑	220	330	380	430	600	680
搪孔直徑	160	230	280	340	380	450
自動進刀量mm/每轉	0.02 0.04 0.06	0.05, 0.10, 0.15, 0.20				
手動快速刀量mm/每轉	3	3	3	3	4	4
微調精度	最小刻劃=0.01/mm 直徑					
搪刀柄徑mm	16 $\emptyset$	25 $\emptyset$	25 $\emptyset$	25 $\emptyset$	32 $\emptyset$	32 $\emptyset$
本體重量kp	3.5	5.8	7	7.5	11	12.1
每組重量kp	8	13	20	21	40	41
包裝尺寸mm	320× 270× 85	490×350×165			540×380×170	
價 格						





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