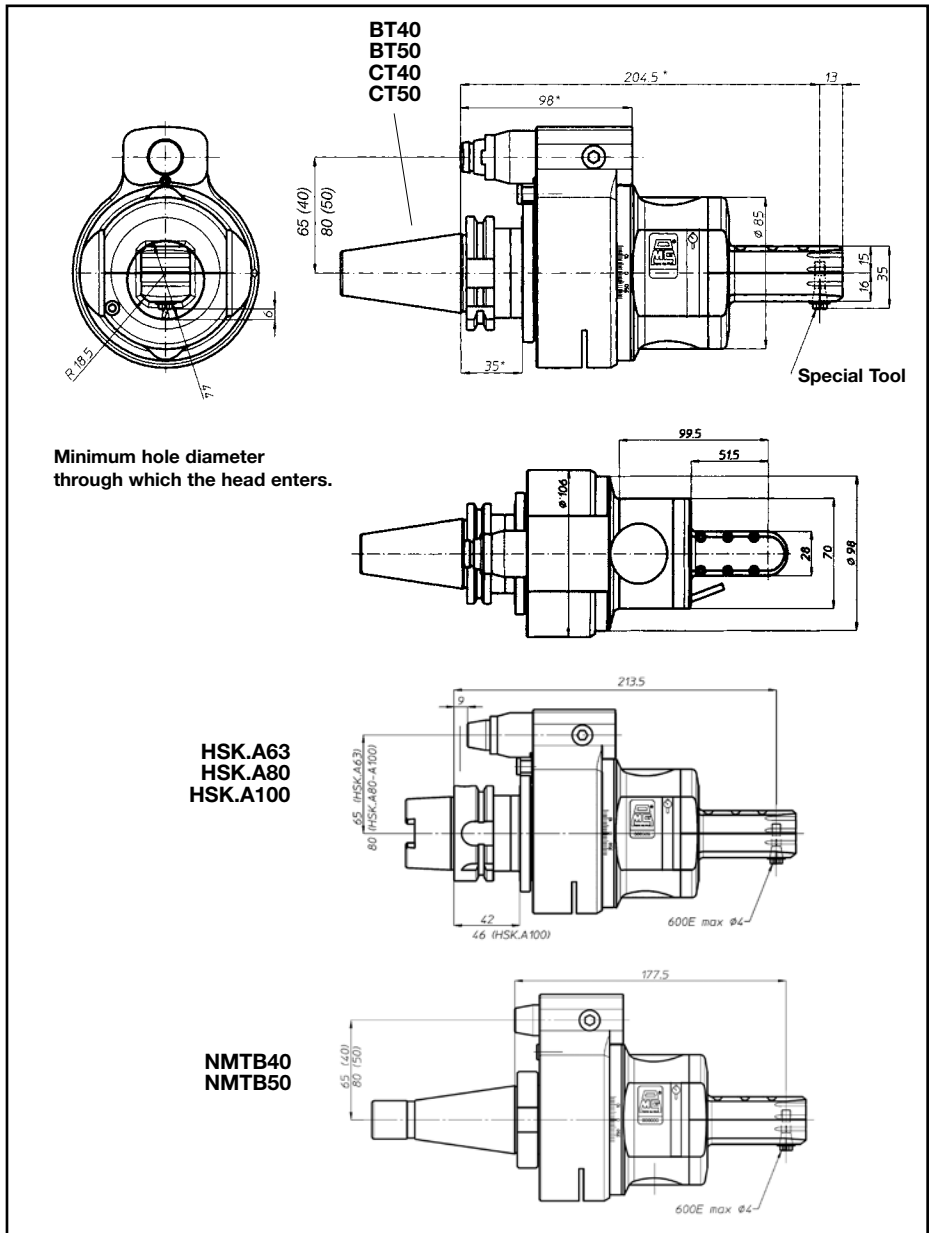


TA04P - Right Angle Heads

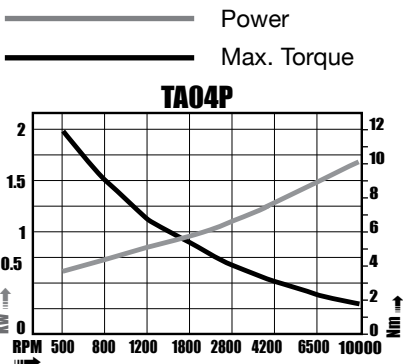


TA04P-BT40 TA04P-BT50
TA04P-CT40 TA04P-CT50

Ø 4	M3	1-1	8000	5.5-40 7.5-50



Minimum hole diameter through which the head enters.



Taper	Order No.	Device Type	Output Spindle Collet Style	Max Capacity Ø
BT40	TA04PB40	BT40 - TA04P	600E	4.0 mm
BT50	TA04PB50	BT40 - TA04P	600E	4.0 mm
CT40	TA04PC40	CT40 - TA04P	600E	4.0 mm
CT50	TA04PC50	CT50 - TA04P	600E	4.0 mm
HSK63A	TA04PH63	HSK63 - TA04P	600E	4.0 mm
HSK80A	TA04PH80	HSK80 - TA04P	600E	4.0 mm
HSK100A	TA04PH100	HSK100 - TA04P	600E	4.0 mm
NMTB40	TA04PN40	NMTB40 - TA04P	600E	4.0 mm
NMTB50	TA04PN50	NMTB50 - TA04P	600E	4.0 mm

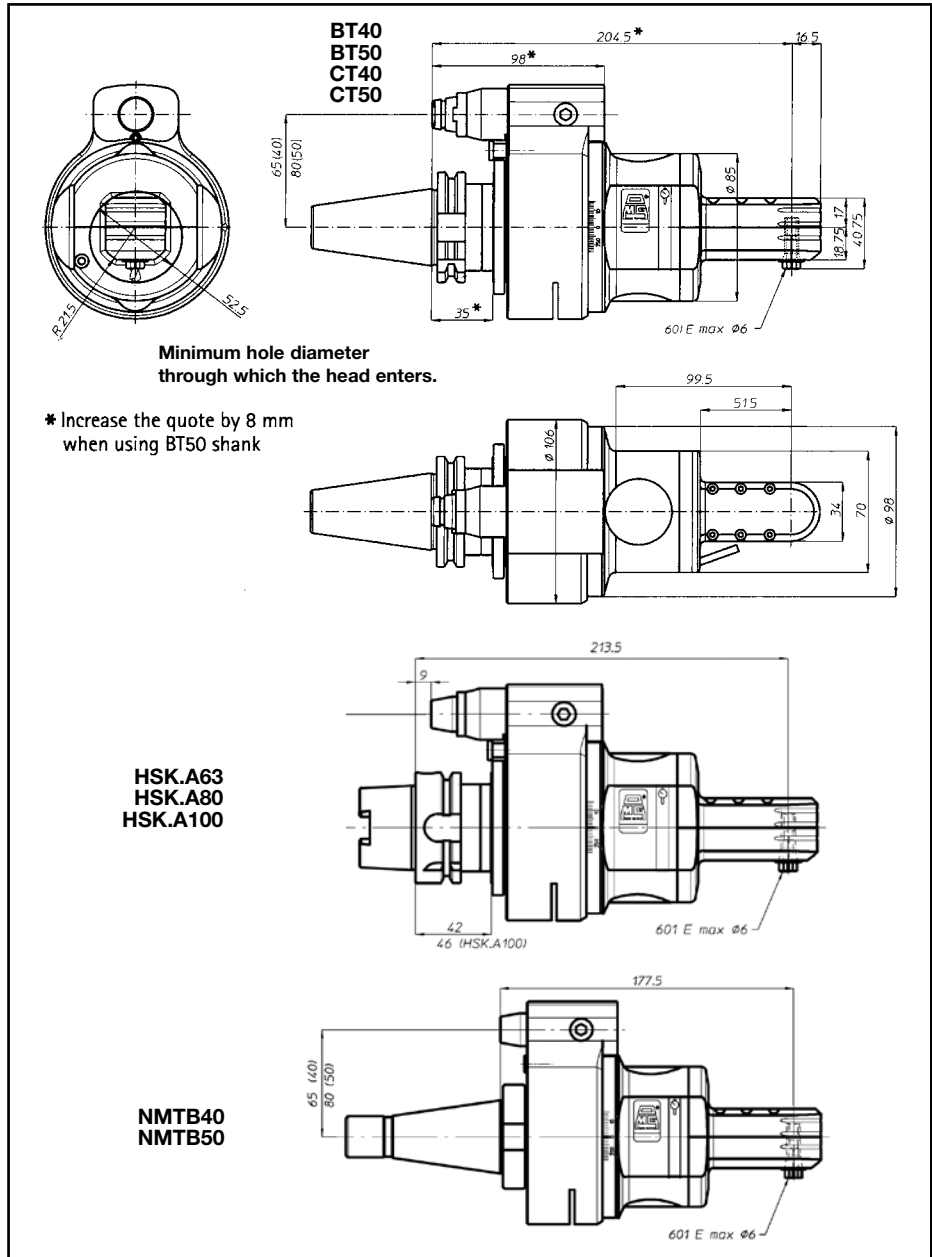
* Increase the quote by 8 mm when using BT50 shank.

TA06P - Right Angle Heads

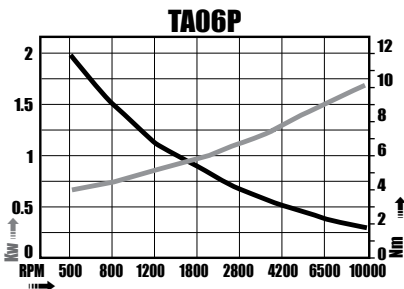


**TA06P-BT40, TA06P-BT50
TA06P-CT40, TA06P-CT50**

Ø 6 mm	M5	1-1	8000	5-40 7-50



Power
Max. Torque



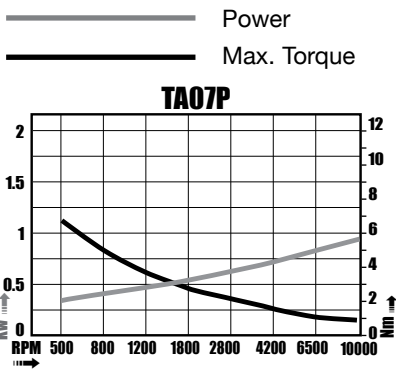
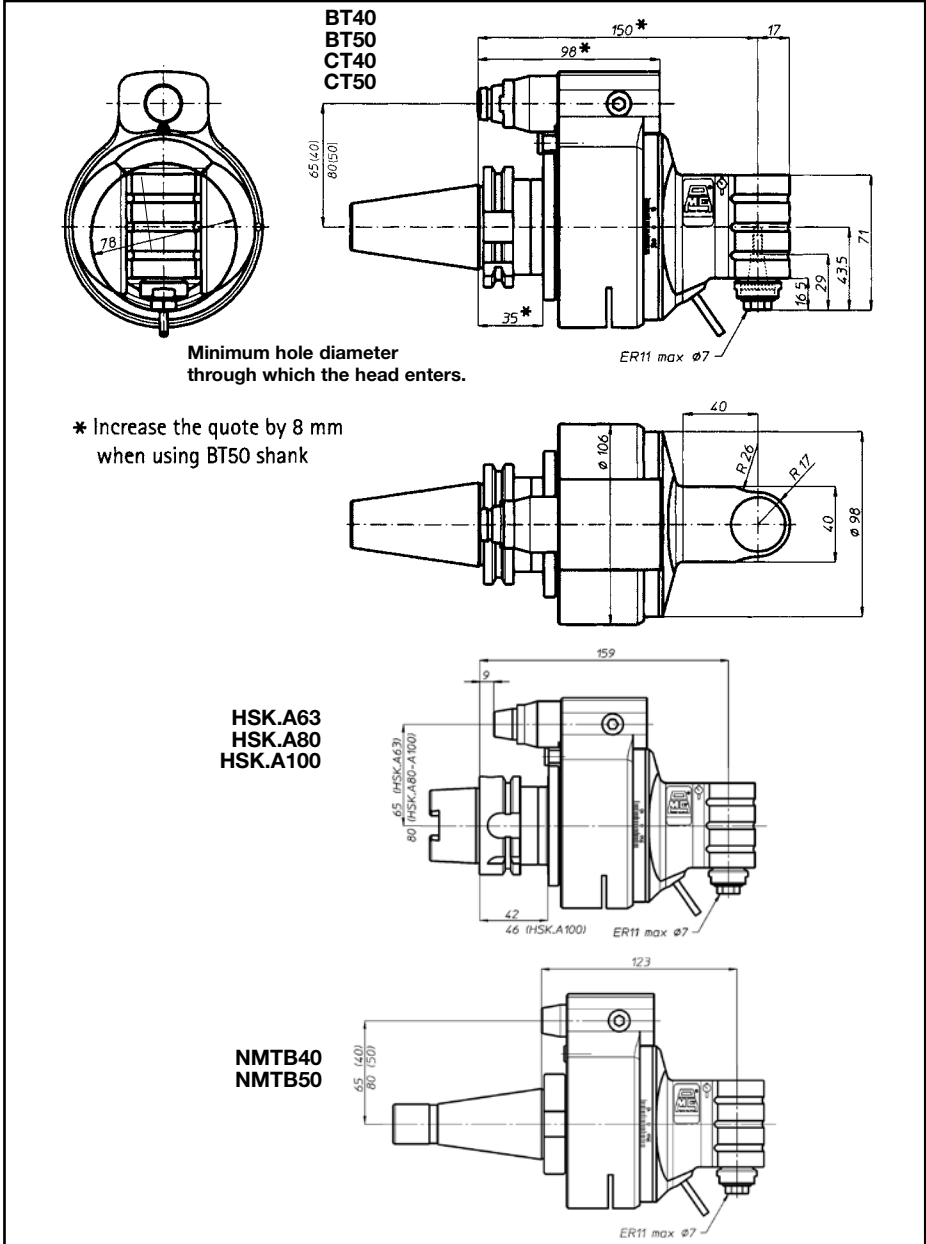
Taper	Order No.	Device Type	Output Spindle Collet Style	Max Capacity Ø
BT40	TA06PB40	BT40-TA06P	601E	6 mm
BT50	TA06PB50	BT50-TA06P	601E	6 mm
CT40	TA06PC40	CT40-TA06P	601E	6 mm
CT50	TA06PC50	CT50-TA06P	601E	6 mm
HSK63A	TA06PH63	HSK63-TA06P	601E	6 mm
HSK80A	TA06PH80	HSK80-TA06P	601E	6 mm
HSK100A	TA06PH100	HSK100-TA06P	601E	6 mm
NMTB40	TA06PN40	NMTB40-TA06P	601E	6 mm
NMTB50	TA06PN50	NMTB50-TA06P	601E	6 mm

TA07P - Right Angle Heads



**TA07P-BT40, TA07P-BT50
TA07P-CT40, TA07P-CT50**

Ø 7 mm	M6	1-1	Rpm	Kg
			10000	5-40
				7-50



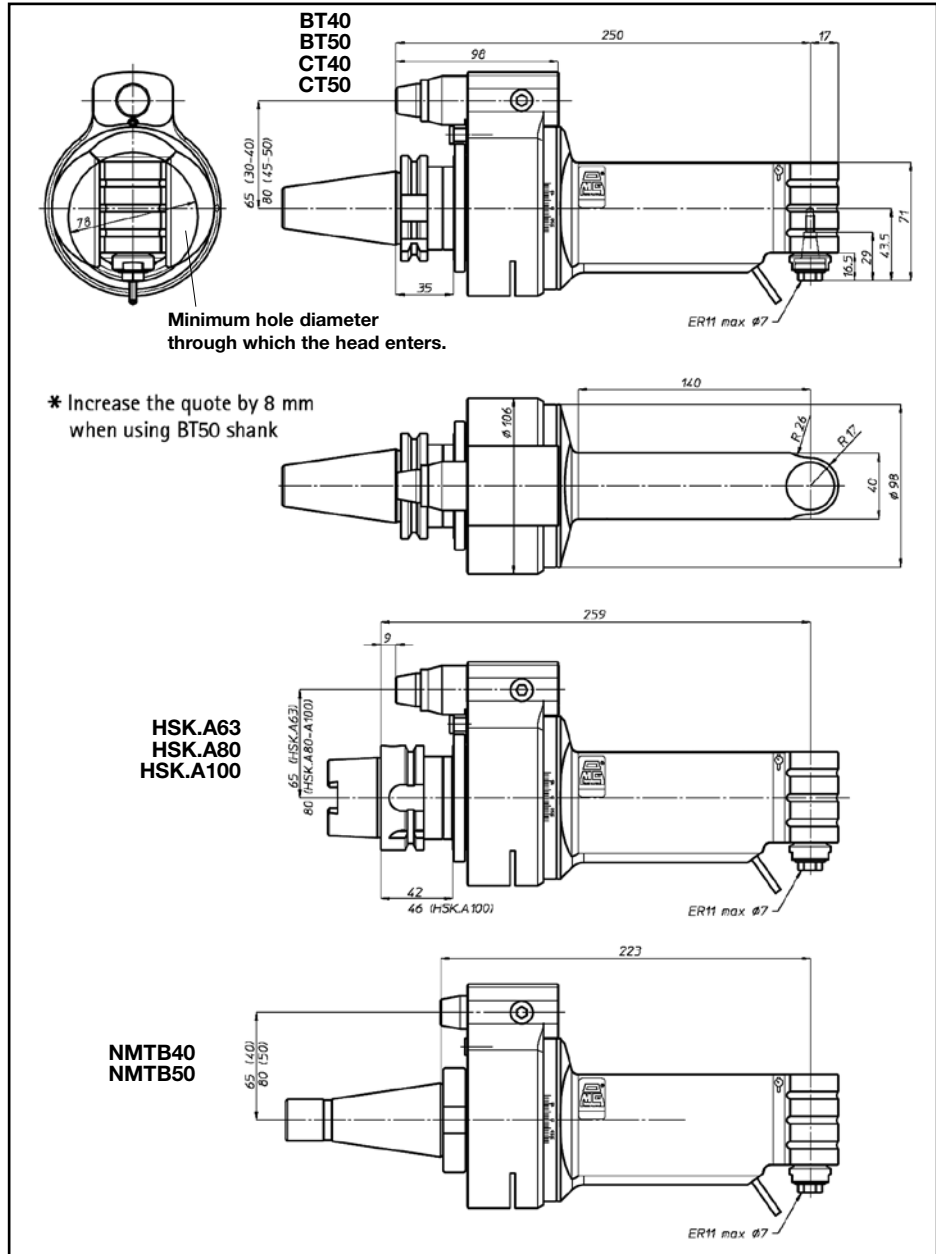
Taper	Order No.	Device Type	Output Spindle Collet Style	Max Capacity Ø
BT40	TA07PB40	BT40 - TA07P	ECX/ER11	7 mm
BT50	TA07PB50	BT50 - TA07P	ECX/ER11	7 mm
CT40	TA07PC40	CT40 - TA07P	ECX/ER11	7 mm
CT50	TA07PC50	CT50 - TA07P	ECX/ER11	7 mm
HSK63A	TA07PH63	H63A - TA07P	ECX/ER11	7 mm
HSK80A	TA07PH80	H80A - TA07P	ECX/ER11	7 mm
HSK100A	TA07PH100	H100A - TA07P	ECX/ER11	7 mm
NMTB40	TA07PN40	NMTB40 - TA07P	ECX/ER11	7 mm
NMTB50	TA07PN50	NMTB50 - TA07P	ECX/ER11	7 mm

TA07P.L-Right Angle Heads

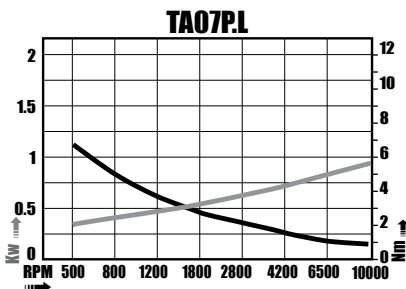


TA07P.L-BT40, TA07P.L-BT50
TA07P.L-CT40, TA07P.L-CT50

Ø7 mm	M6	1-1	Rpm 10000	7.5-40 9.5-50 Kg



— Power
— Max. Torque



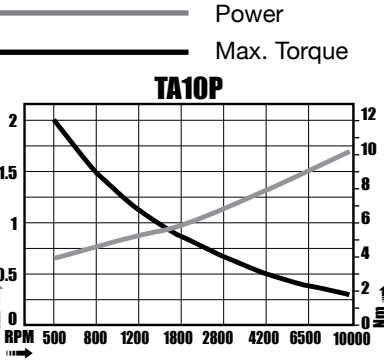
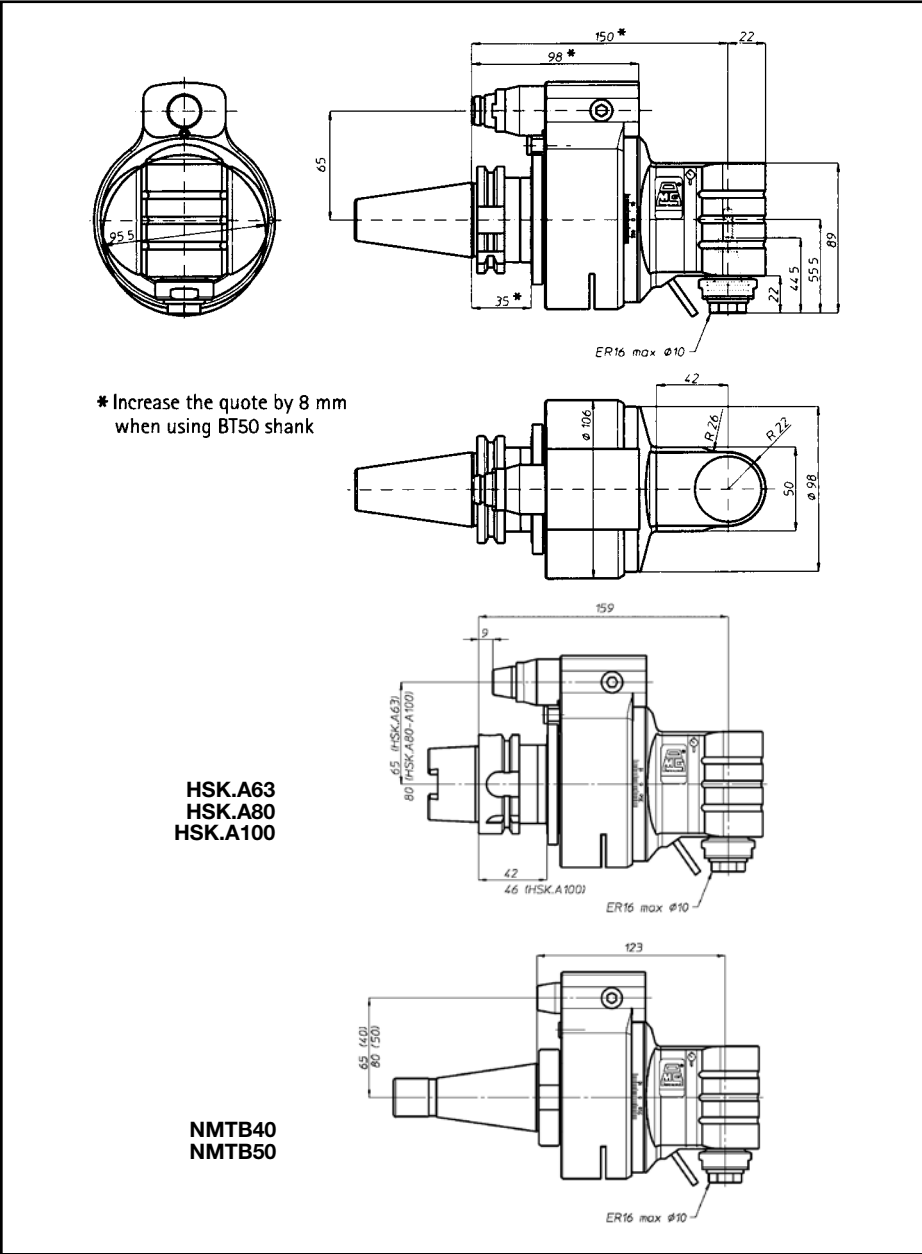
Taper	Order No.	Device Type	Output Spindle Collet Style	Max Capacity Ø
BT40	TA07PLB40	BT40 - TA07PL	ECX/ER11	7 mm
BT50	TA07PLB50	BT50 - TA07PL	ECX/ER11	7 mm
CT40	TA07PLC40	CT40 - TA07PL	ECX/ER11	7 mm
CT50	TA07PLC50	CT50 - TA07PL	ECX/ER11	7 mm
HSK63A	TA07PLH63	H63A - TA07PL	ECX/ER11	7 mm
HSK80A	TA07PLH80	H80A - TA07PL	ECX/ER11	7 mm
HSK100A	TA07PLH100	H100A - TA07PL	ECX/ER11	7 mm
NMTB40	TA07PLN40	NMTB40 - TA07PL	ECX/ER11	7 mm
NMTB50	TA07PLN50	NMTB50 - TA07PL	ECX/ER11	7 mm

TA10P - Right Angle Heads



- TA10P-CT40**
- TA10P-MAS 403-BT40**
- TA10P-CT50**
- TA10P-MAS 403-BT50**
- TA10P - NMTB50**

Ø10 mm	M8 5/16"	1-1	10000 Rpm	5.3-40 Kg 7.5-50



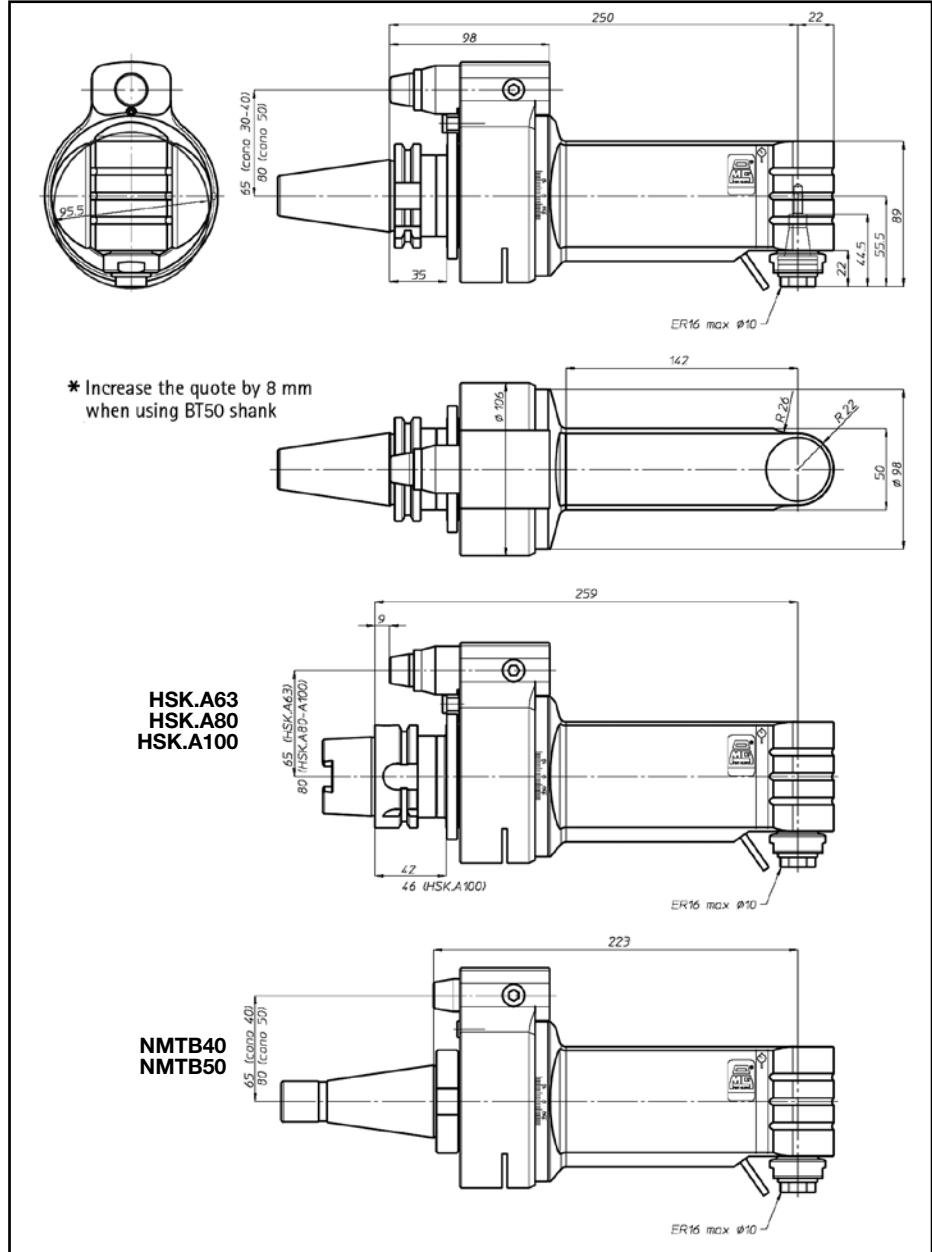
Taper	Order No.	Device Type	Output Spindle Collet Style	Max Capacity Ø
BT40	TA10PB40	BT40 - TA10P	ECX/ER16	10mm (3/8")
BT50	TA10PB50	BT50 - TA10P	ECX/ER16	10mm (3/8")
CT40	TA10PC40	CT40 - TA10P	ECX/ER16	10mm (3/8")
CT50	TA10PC50	CT50 - TA10P	ECX/ER16	10mm (3/8")
HSK63A	TA10PH63	H63A - TA10P	ECX/ER16	10mm (3/8")
HSK80A	TA10PH80	H80A - TA10P	ECX/ER16	10mm (3/8")
HSK100A	TA10PH100	H100A - TA10P	ECX/ER16	10mm (3/8")
NMTB40	TA10PN40	NMTB40 - TA10P	ECX/ER16	10mm (3/8")
NMTB50	TA10PN50	NMTB50 - TA10P	ECX/ER16	10mm (3/8")

TA10PL-Right Angle Heads

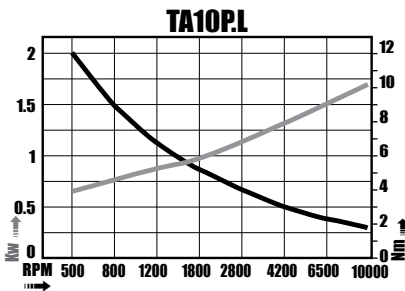


TA10PL-CT40
TA10PL-MAS 403-BT40
TA10PL-CT50
TA10PL-MAS 403-BT50
TA10PL - NMTB50

Ø10 mm	M8 5/16"	1-1	10000 Rpm	8.3-40 10.5-50 Kg



Power
Max. Torque



Taper	Order No.	Device Type	Output Spindle Collet Style	Max Capacity Ø
BT40	TA10PLB40	BT40 - TA10PL	ECX/ER16	10mm (3/8")
BT50	TA10PLB50	BT50 - TA10PL	ECX/ER16	10mm (3/8")
CT40	TA10PLC40	CT40 - TA10PL	ECX/ER16	10mm (3/8")
CT50	TA10PLC50	CT50 - TA10PL	ECX/ER16	10mm (3/8")
HSK63A	TA10PLH63	H63A - TA10PL	ECX/ER16	10mm (3/8")
HSK80A	TA10PLH80	H80A - TA10PL	ECX/ER16	10mm (3/8")
HSK100A	TA10PLH100	H100A - TA10PL	ECX/ER16	10mm (3/8")
NMTB40	TA10PLN40	NMTB40 - TA10PL	ECX/ER16	10mm (3/8")
NMTB50	TA10PLN50	NMTB50 - TA10PL	ECX/ER16	10mm (3/8")

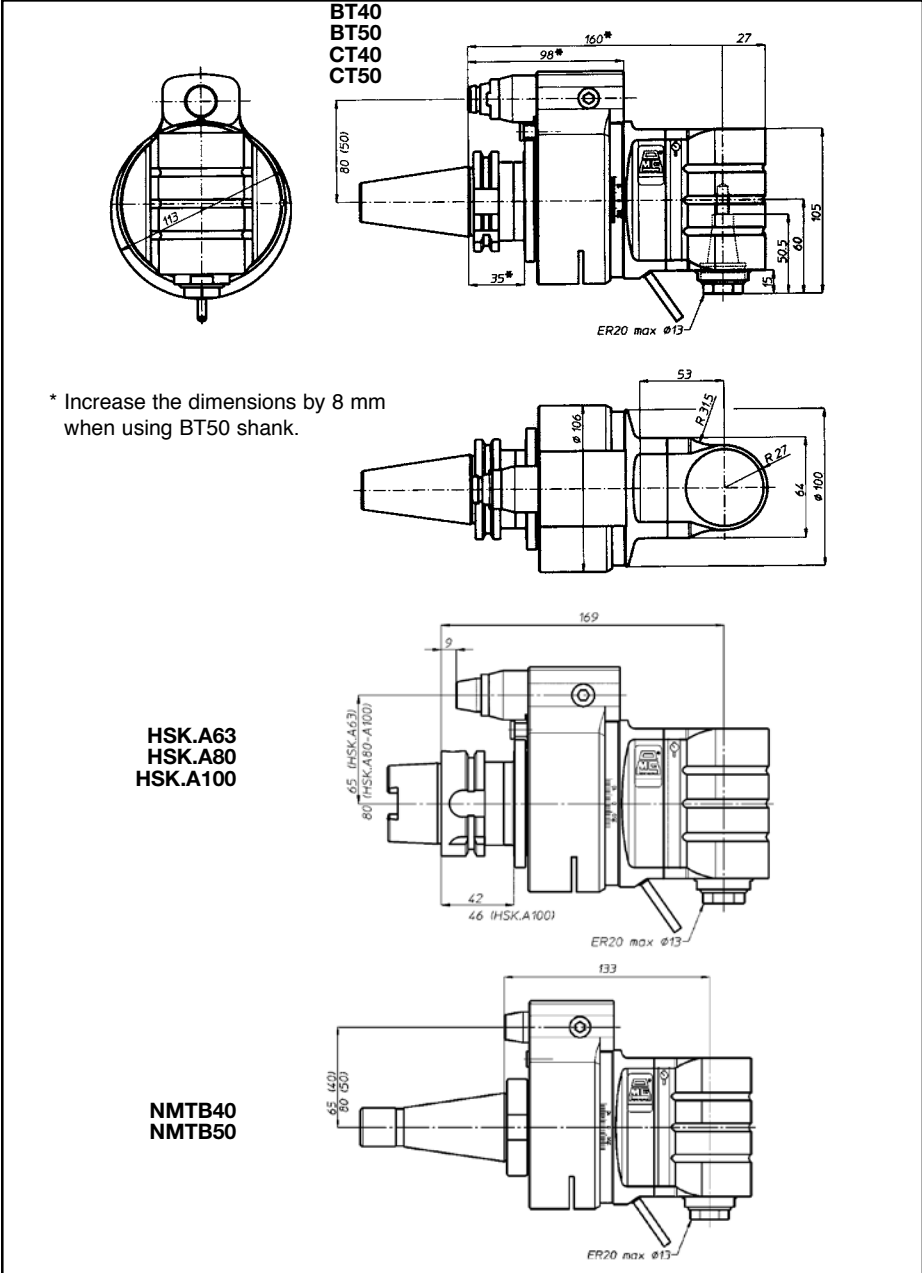
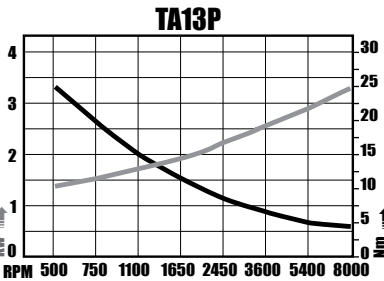
TA13P - Right Angle Heads



- TA13P - CT40**
- TA13P - MAS 403-BT40**
- TA13P-HSK-A63**
DIN69893
- TA13P-HSK-A80**
DIN69893
- TA13P-HSK-A100**
DIN69898
- TA13P - CT50**
- TA13P - MAS 403-BT50**
- TA13P - NMTB-50**

Ø13 mm 1/2"	M10 3/8"	1-1	8000	6.5-40 9-50

— Power
— Max. Torque



Taper	Order No.	Device Type	Output Spindle Collet Style	Max Capacity Ø
BT40	TA13PB40	BT40 - TA13P	ECX/ER20	13mm (1/2")
BT50	TA13PB50	BT50 - TA13P	ECX/ER20	13mm (1/2")
CT40	TA13PC40	CT40 - TA13P	ECX/ER20	13mm (1/2")
CT50	TA13PC50	CT50 - TA13P	ECX/ER20	13mm (1/2")
HSK63A	TA13H63	HSK63A-TA13P	ECX/ER20	13mm (1/2")
HSK80A	TA13H80	HSK80A-TA13P	ECX/ER20	13mm (1/2")
HSK100A	TA13PH100	HSK100A-TA13P	ECX/ER20	13mm (1/2")
NMTB40	TA13PN40	NMTB40 - TA13P	ECX/ER20	13mm (1/2")
NMTB50	TA13PN50	NMTB50 - TA13P	ECX/ER20	13mm (1/2")

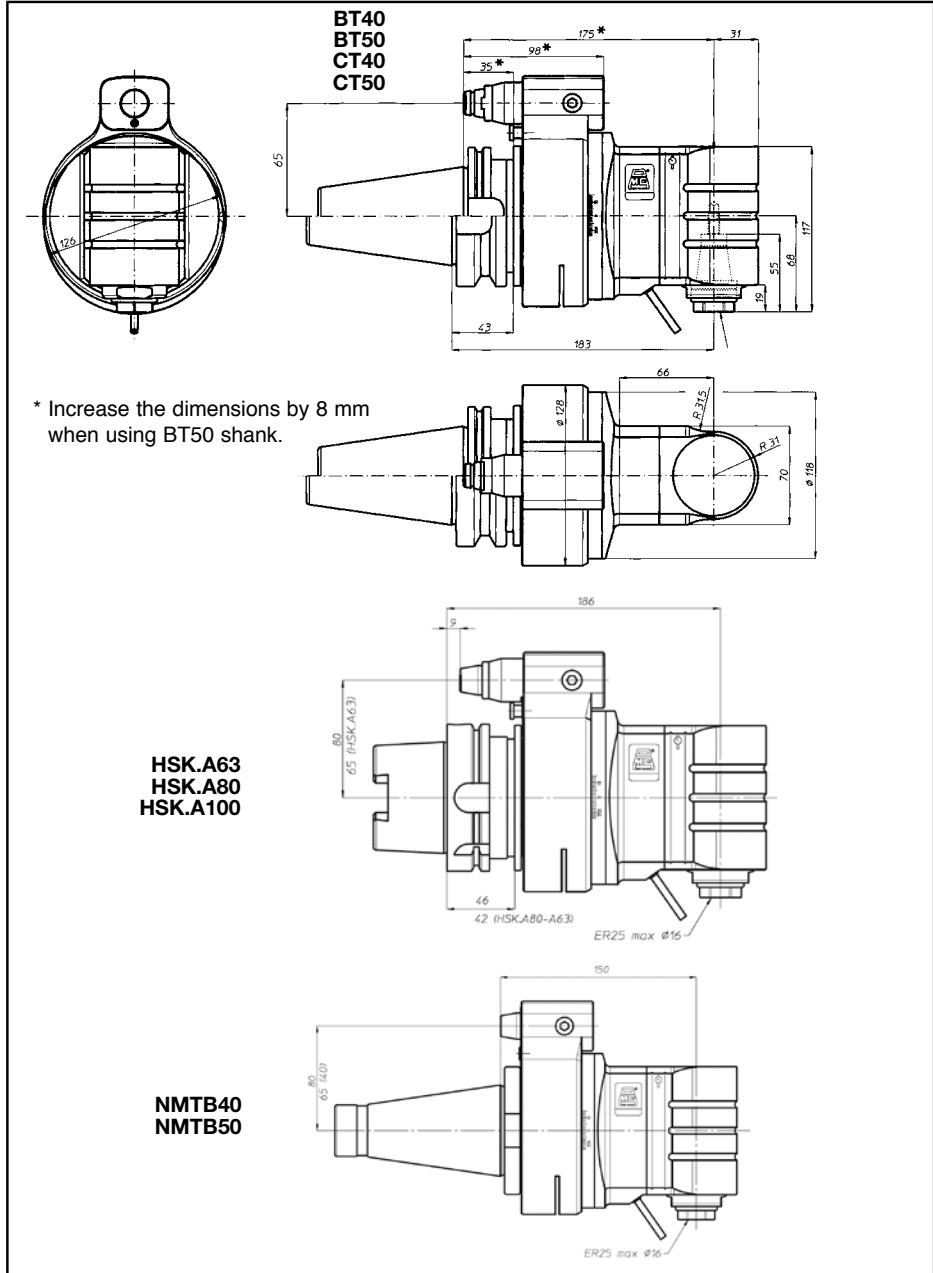
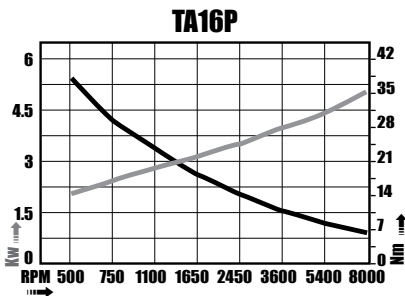
TA16P - Right Angle Heads



- TA16P - CT40**
- TA16P - MAS 403-BT40**
- TA16P - CT50**
- TA16P - MAS 403-BT50**
- TA16P-HSK-A63**
DIN69893
- TA16P-HSK-A80**
DIN69893
- TA16P - NMTB-50**

Ø16 mm 5/8"	M12 1/2"	1-1	Rpm 5000	Kg 7.7-40 11.7-50

———— Power
———— Max. Torque



Taper	Order No.	Device Type	Output Spindle Collet Style	Max Capacity Ø
BT40	TA16PB40	BT40 - TA9016P	ECX/ER25	16mm (5/8")
BT50	TA16PB50	BT50 - TA9016P	ECX/ER25	16mm (5/8")
CT40	TA16PC40	CT40 - TA9016P	ECX/ER25	16mm (5/8")
CT50	TA16PC50	CT50 - TA9016P	ECX/ER25	16mm (5/8")
HSK63A	TA16PH63	HSK63A-TA16P	ECX/ER25	16mm (5/8")
HSK80A	TA16PH80	HSK80A-TA16P	ECX/ER25	16mm (5/8")
HSK100A	TA16PH100	HSK100A-TA16P	ECX/ER25	16mm (5/8")
NMTB40	TA16PN40	NMTB40 - TA9016P	ECX/ER25	16mm (5/8")
NMTB50	TA16PN50	NMTB50 - TA9016P	ECX/ER25	16mm (5/8")

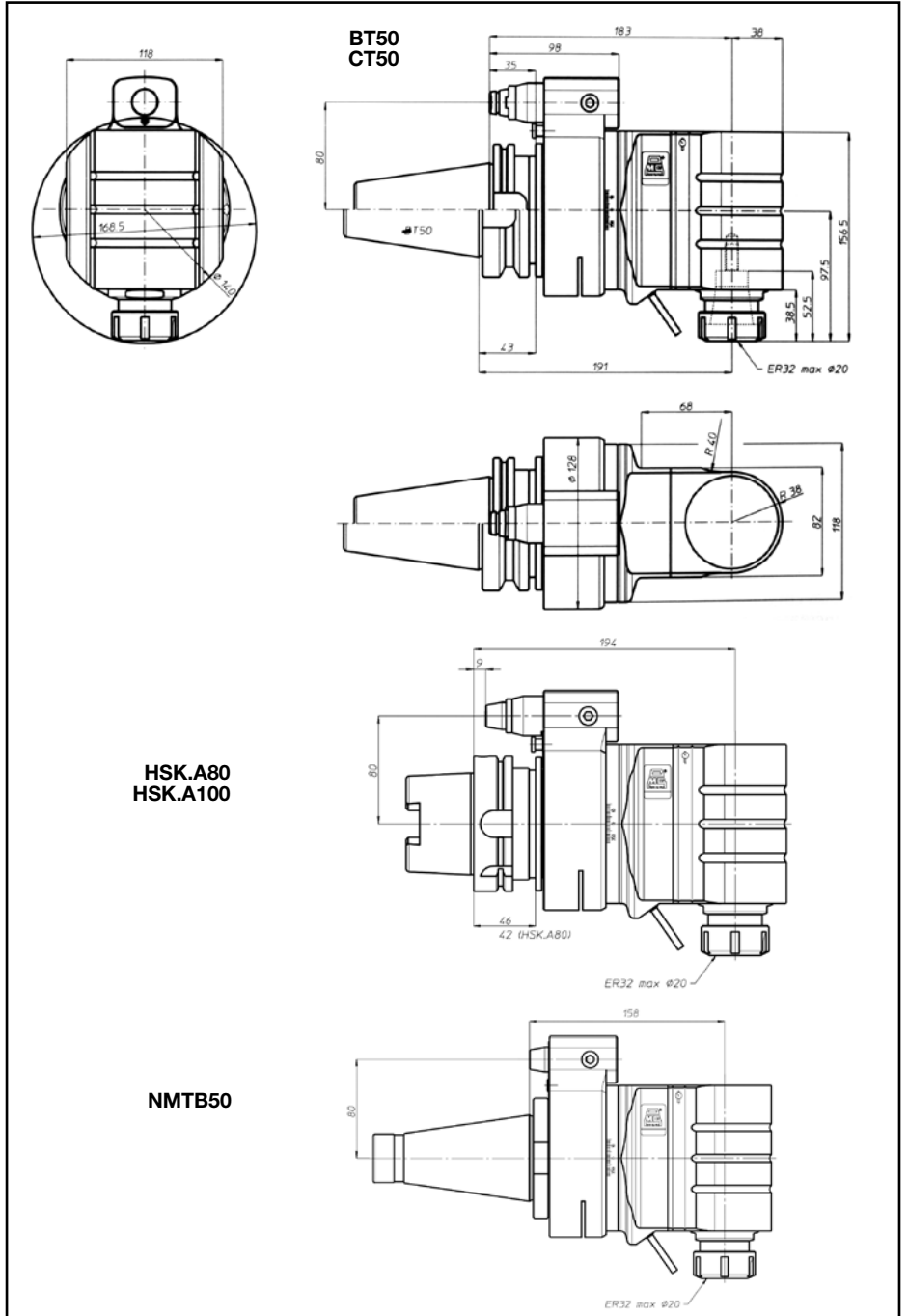
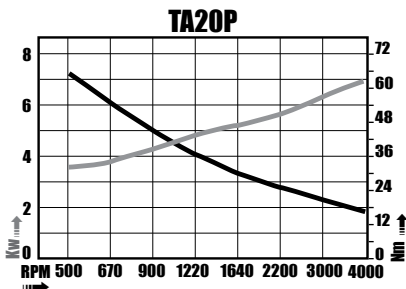
TA20P - Right Angle Heads



- TA20P - CT50**
- TA20P - MAS 403-BT50**
- TA20P-HSK-A80**
DIN69893
- TA20P-HSK-A100**
DIN69893
- TA20P- NMTB-50**

Ø20 mm	M14	1-1	3500	14

— Power
— Max. Torque



Taper	Order No.	Device Type	Output Spindle Collet Style	Max. Capacity
BT50	TA20PB50	BT50 - TA20P	ECX/ER32	20mm (3/4")
CT50	TA20PC50	CT50 - TA20P	ECX/ER32	20mm (3/4")
HSK-80A	TA20PH80	HSK-80A-TA20P	ECX/ER32	20 mm (3/4")
HSK-100A	TA20PH100	HSK-100A-TA20P	ECX/ER32	20 mm (3/4")
NMTB50	TA20PN50	NMTB50 - TA20P	ECX/ER32	20mm (3/4")

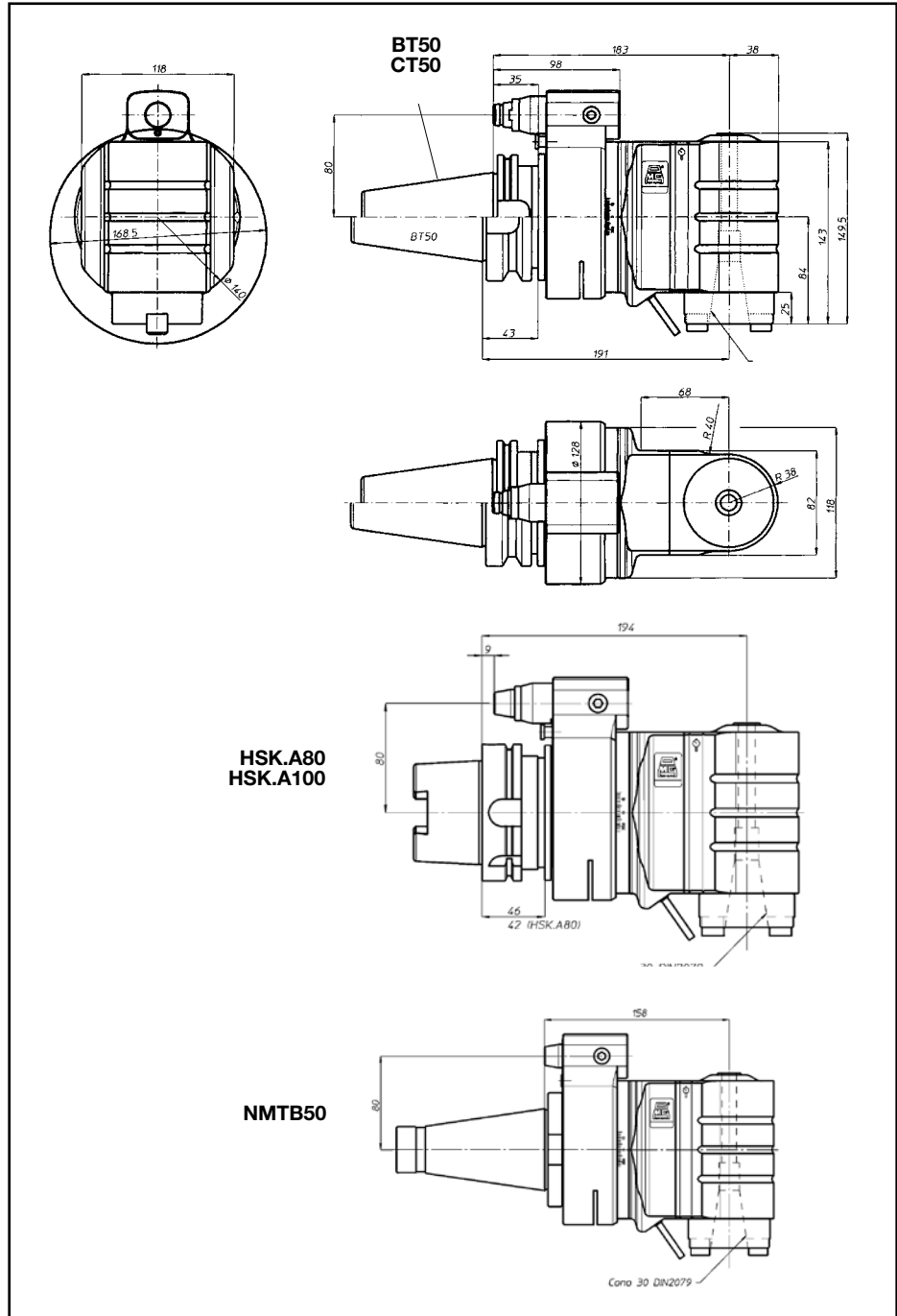
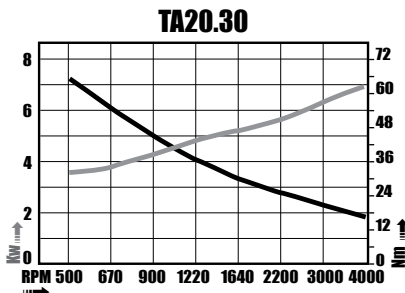
TA20.30P - Right Angle Heads



TA20.30 - CT50
TA20.30 - MAS 403-BT50
TA20.30 - NMTB-50

Ø20 mm	M14 5/8"	1-1	3500 Rpm	14 Kg

— Power
— Max. Torque



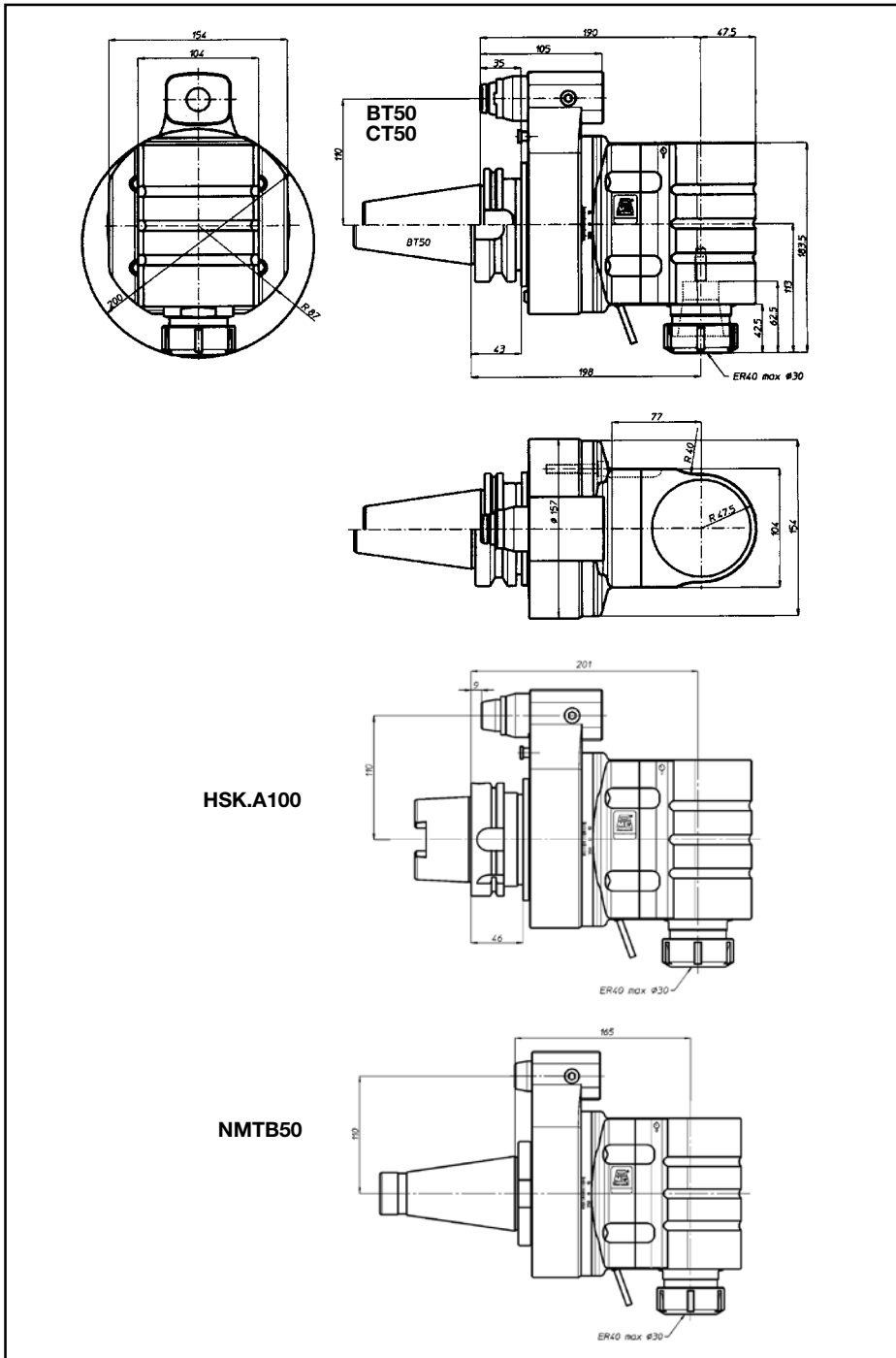
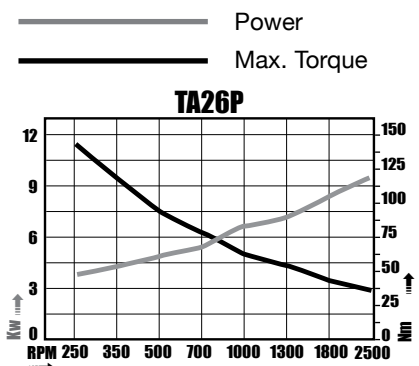
Taper	Order No.	Device Type	Output Spindle Taper
BT50	TA2030B50	BT50 - TA20-30	NMTB30QC
CT50	TA2030C50	CT50 - TA20-30	NMTB30QC
HSK80A	TA203H80	HSK80A - TA20-30	NMTB30QC
HSK100A	TA203H100	HSK100A - TA20-30	NMTB30QC
NMTB50	TA2030N50	NMTB50 - TA20-30	NMTB30QC

TA26P - Right Angle Heads



TA26P - CT50
TA26P - MAS 403-BT50
TA26P-HSK-A100
DIN69893
TA26P - NMTB-50

Ø24mm 1"	M20 3/4"	1-1	Rpm 2500	Kg 21



Taper	Order No.	Device Type	Output Spindle Collet Style	Max. Capacity
BT50	TA26PB50	BT50 - TA26P	ECX/ER40	26 mm (1") Ø
CT50	TA26PC50	CT50 - TA26P	ECX/ER40	26 mm (1") Ø
HSK100A	TA26PH100	HSK100A-TA26P	ECX/ER40	26 mm (1") Ø
NMTB50	TA26PN50	NMTB50 - TA26P	ECX/ER40	26 mm (1") Ø

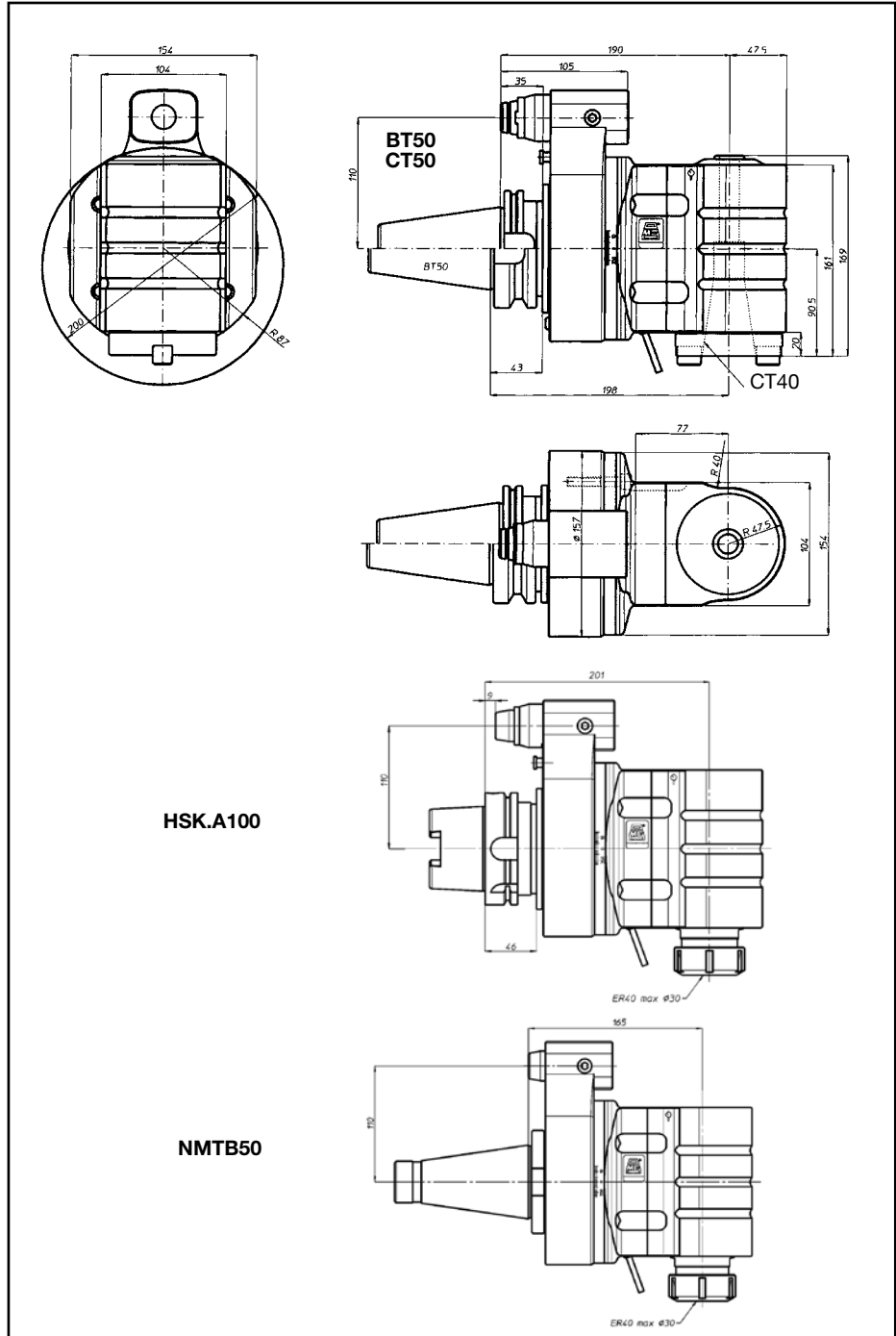
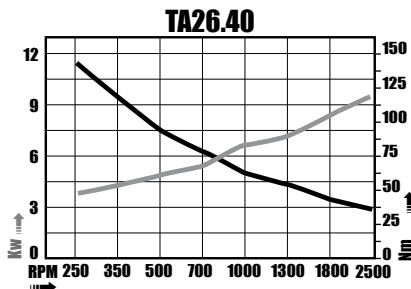
TA26.40P - Right Angle Heads



TA26.40 - CT50
TA26.40 - MAS 403-BT50
TA26.40 - NMTB-50

Ø26mm 1"	M20 3/4"	1-1	Rpm 2500	Kg 22

— Power
— Max. Torque



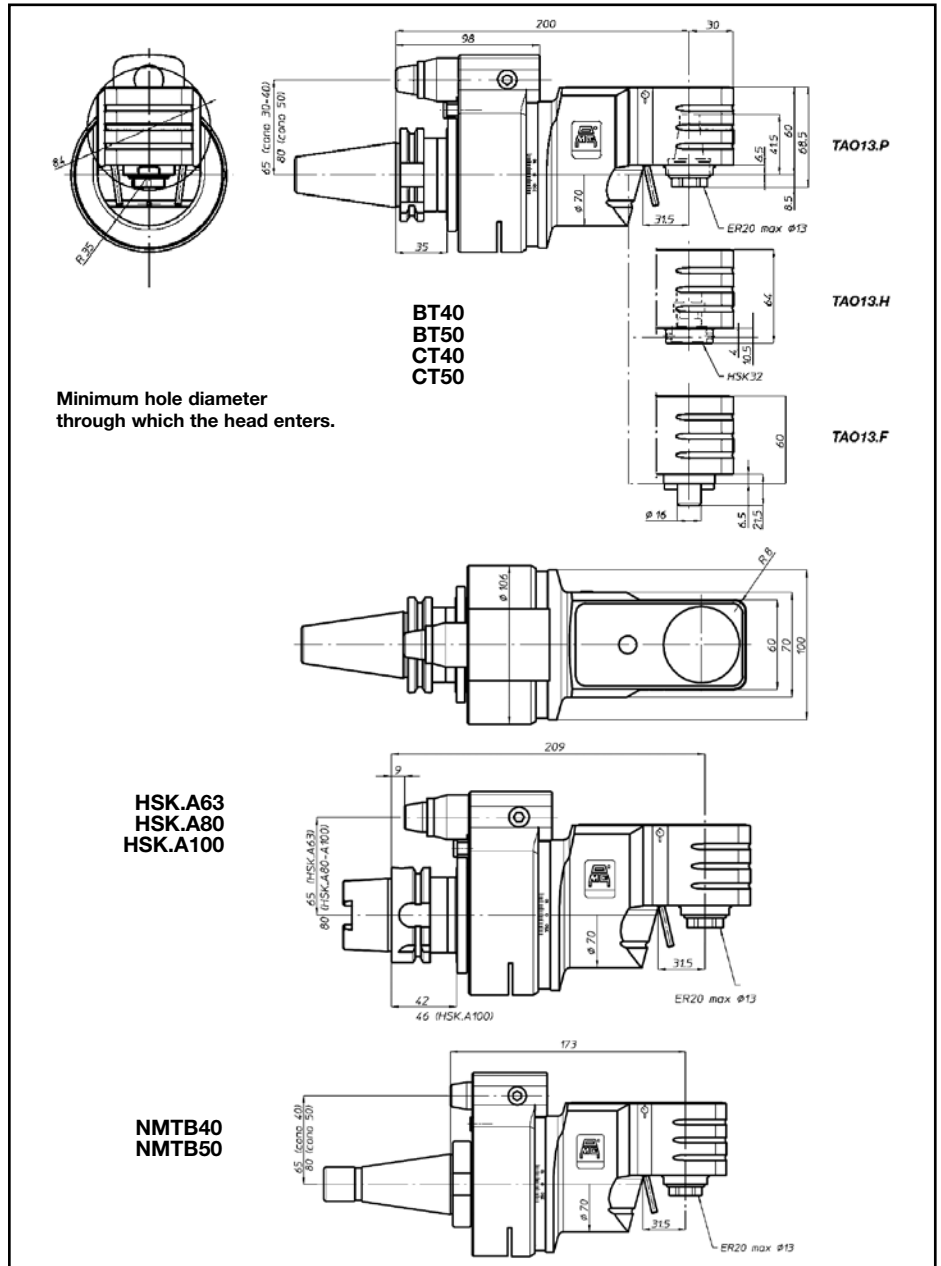
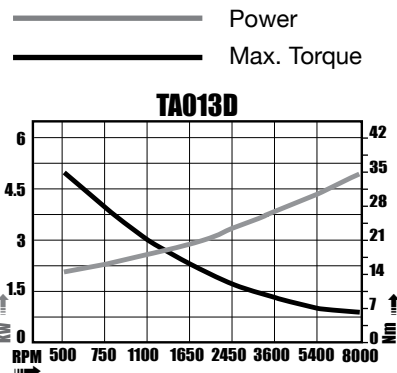
Taper	Order No.	Device Type	Output Spindle Taper
BT50	TA2640B50	BT50 - TA26-40	CT40
CT50	TA2640C50	CT50 - TA26-40	CT40
HSK100A	TA2640H100	HSK100A-TA26-40	CT40
NMTB50	TA2640N50	NMTB50 - TA26-40	CT40

TA013... Right Angle Heads



TA013...

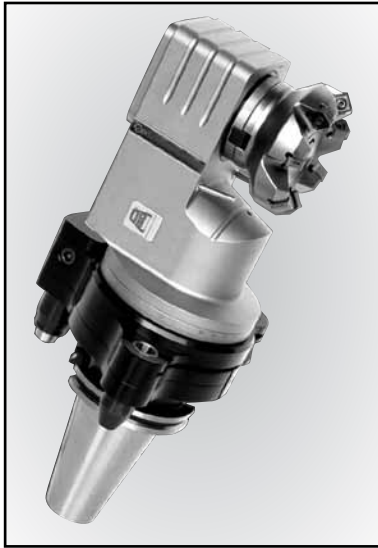
Ø13	M10	1-1	Rpm	Kg
			4500	7.8-40 10.5-50



Taper	Order No.	Device Type	Output Spindle Collet Style	Max. Capacity Ø
BT40	TA013*B40	BT40-TA013P*	ECX/ER20	13mm (1/2")
BT50	TA013*B50	BT50-TA013P*	ECX/ER20	13mm (1/2")
CT40	TA013*C40	CT40-TA013P*	ECX/ER20	13mm (1/2")
CT50	TA013*C50	CT50-TA013P*	ECX/ER20	13mm (1/2")
HSK63A	TA013*H63	HSK63A-TA013P*	ECX/ER20	13mm (1/2")
HSK80A	TA013*H80	HSK80A-TA013P*	ECX/ER20	13mm (1/2")
HSK100A	TA013*H100	HSK100A-TA013P*	ECX/ER20	13mm (1/2")
NMTB40	TA013*N40	NMT40-TA013P*	ECX/ER20	13mm (1/2")
NMTB50	TA013*N50	NMTB50-TA013P*	ECX/ER20	13mm (1/2")

* P = ECX/ER20 Output H = HSK32A Output F = Facemill Output

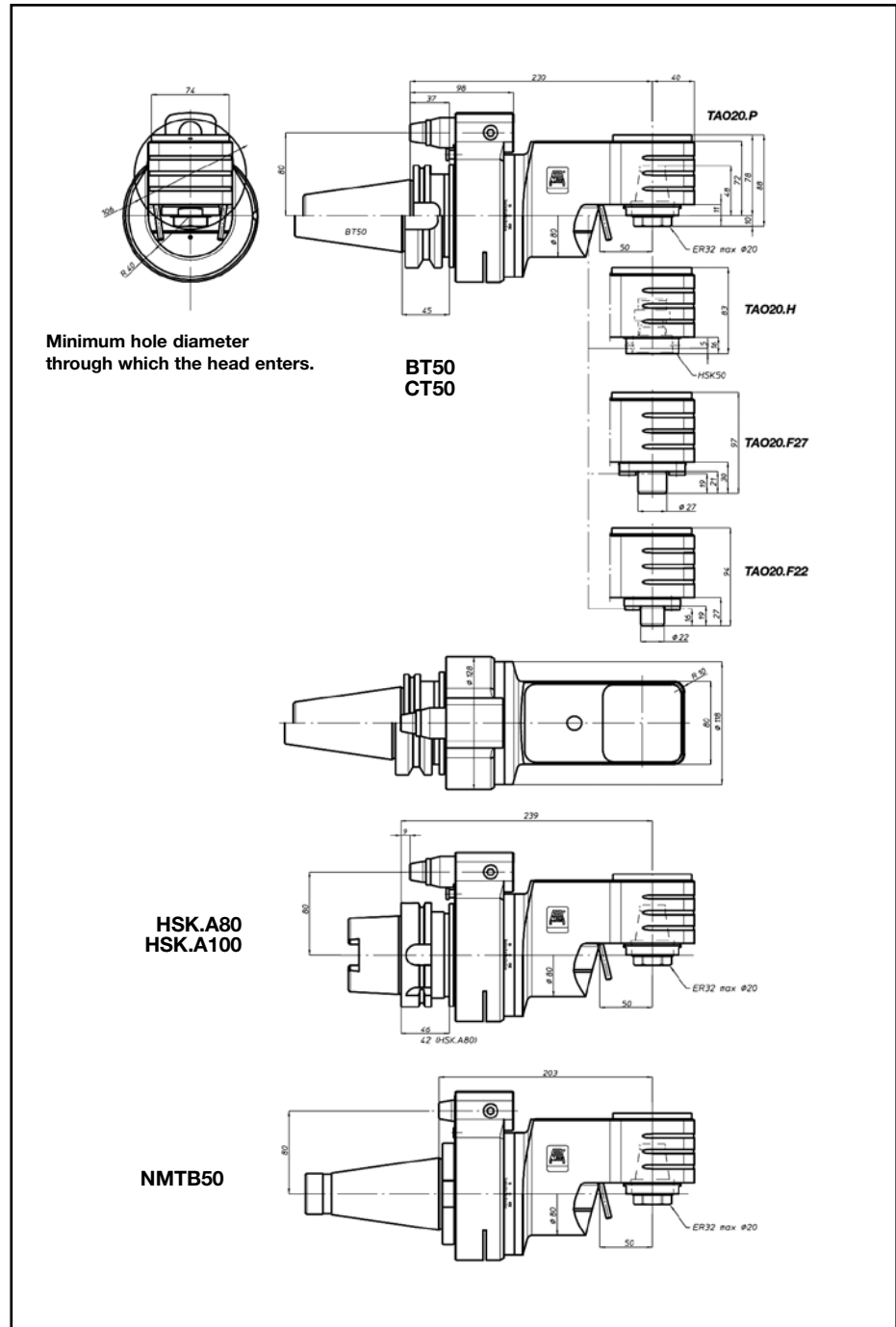
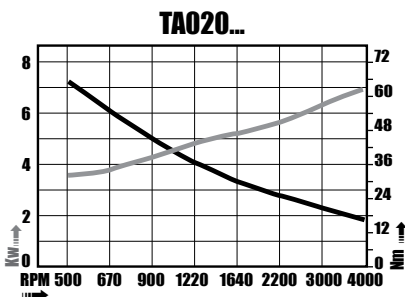
TAO20... Right Angle Heads



TAO20...

Ø20	M14	1-1	Rpm	Kg
			3500	14.5-50

— Power
— Max. Torque



Taper	Order No.	Device Type	Output Spindle Collet Style	Max. Capacity Ø
BT50	TAO20*B50	BT50-TAO20PD	ECX/ER32	20mm (3/4")
CT50	TAO20*C50	CT50-TAO20PD	ECX/ER32	20mm (3/4")
HSK80A	TAO20*H80	HSK80A-TAO20PD	ECX/ER32	20mm (3/4")
HSK100A	TAO20*H100	HSK100A-TAO20PD	ECX/ER32	20mm (3/4")
NMTB50	TAO20*N50	NMTB50-TAO20PD	ECX/ER32	20mm (3/4")

* P = ECX/ER32 Output H = HSK50A Output F = Facemill Output