



MARIO PINTO S.p.A.



MAZAK

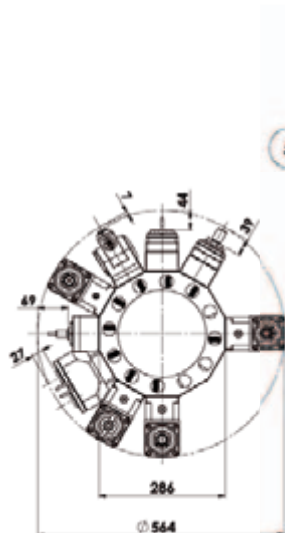
**MODELLO TORNO
MASCHINEN MODELL**

SQT 10M / QTNEXUS 100M -150M 12 STATION
SQT 15M -18M / QTNEXUS 200M - 250M 16 STATION

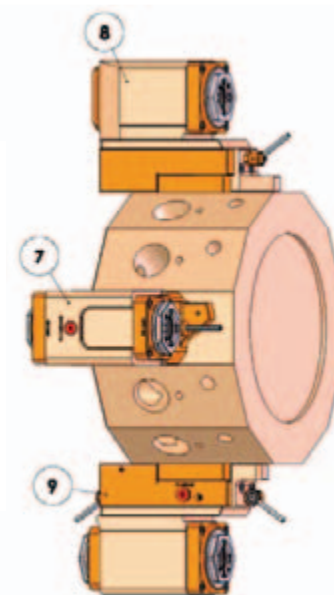
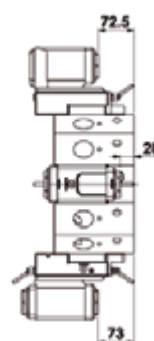
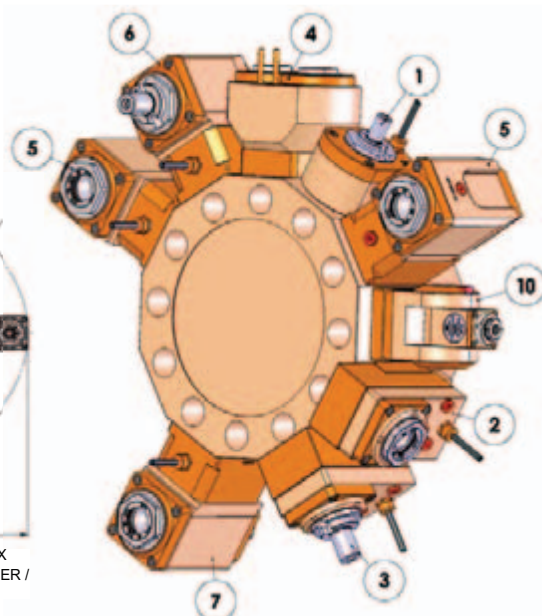
VDI - 40

**MANDRINO PRINCIPALE
HAUPTSPINDEL**

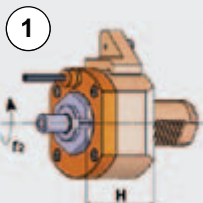
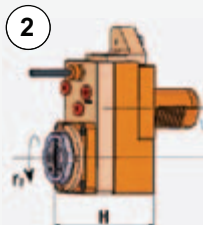
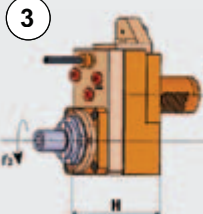
**MANDRINO SECONDARIO
GEGENSPINDEL**

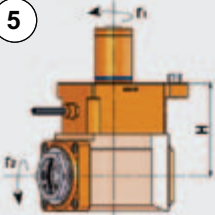
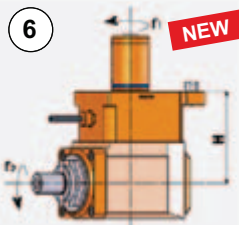
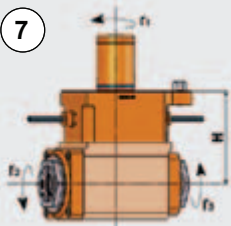
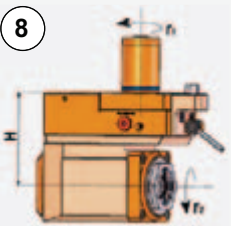
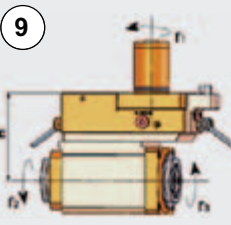
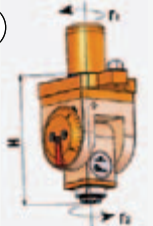


DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER /
SCHWINGKREIS



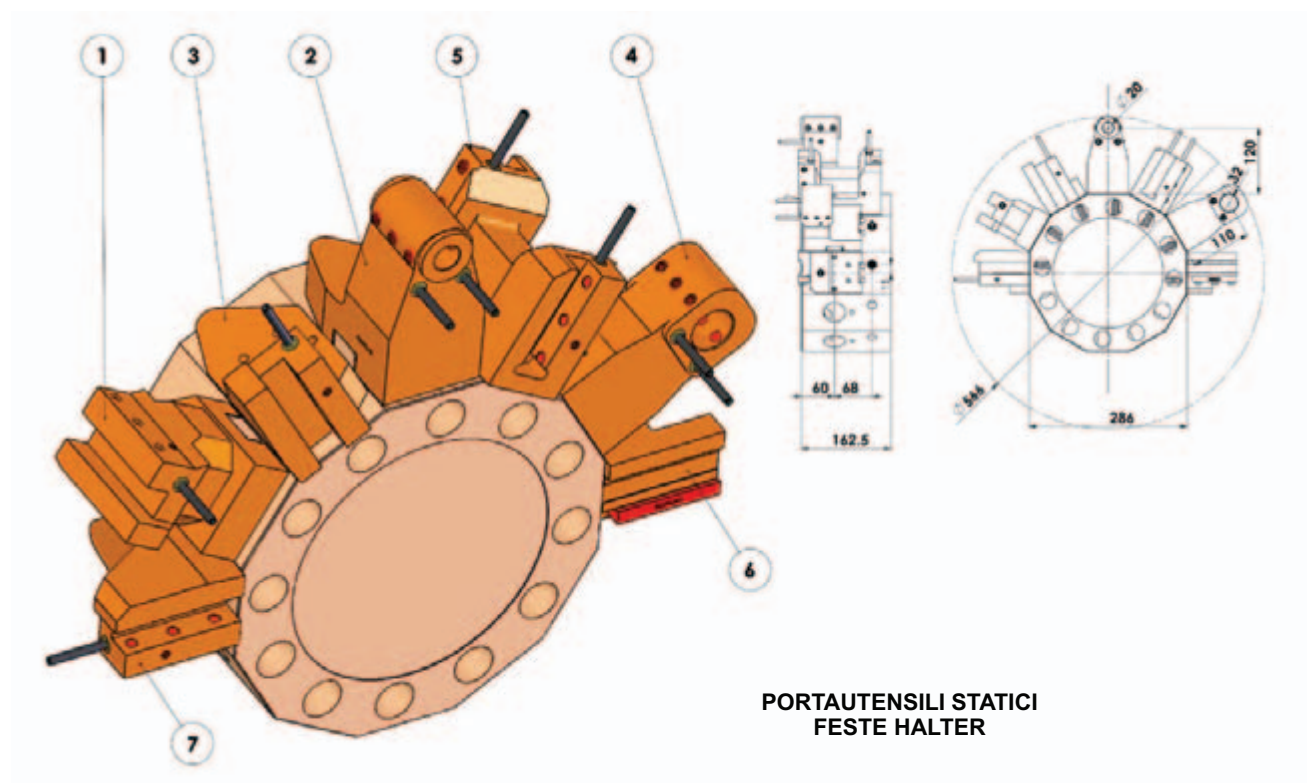
F: GHIERA INTERNA / INTERNE SPANNZANGE

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
	LT-S RADIALE RADIAL $r_1 = r_2$	DIN 138-16 (Ø 16)	6000	63	1:1	70	69	esterna extern	05055600
	LT-S OFS RADIALE RADIAL r_1 contrario umgekehrt r_2	ER32-F (Ø 3-20)	6000	63	1:1	95	44	esterna extern	05055000
	LT-S OFS RADIALE RADIAL r_1 contrario umgekehrt r_2	DIN 138-22 (Ø 22)	6000	63	1:1	100	39	esterna extern	05055500

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
4 	LT-S2 RADIALE RADIAL r_1 contrario umgekehrt r_2, r_3	ER16-F (Ø 1-10)	6000	18	1:1	110	27	esterna extern	05055700
5 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	100	-	esterna extern	05055100
		ER32-F (Ø 3-20)	6000	63	1:1	100	-	int. / est. int. / ext.	05055300
6 	LT-A ASSIALE AXIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	63	1:1	100	-	esterna extern	05055400
		DIN 138-27 (Ø 27)	6000	63	1:1	100	-	esterna extern	05253100
7 	LT-A ASSIALE AXIAL $r_1 = r_2$ r_1 contrario umgekehrt r_3	DOUBLE ER32-F (Ø 3-20)	6000	63	1:1	100	-	esterna extern	05253000
8 	LT-A OFS ASSIALE AXIAL r_1 contrario umgekehrt r_2	ER32-F (Ø 3-20)	6000	63	1:1	100	-	esterna extern	05055200
9 	LT-A OFS ASSIALE AXIAL $r_1 = r_2$ r_1 contrario umgekehrt r_3	DOUBLE ER32-F (Ø 3-20)	6000	63	1:1	100	-	esterna extern	05055800
10 	LT-T ASSIALE AXIAL RADIALE RADIAL r_1 contrario umgekehrt r_2	ER16-F (Ø 1-10)	4000	13	1:1	132	-	esterna extern	05055900

MAZAK
**MODELLO TORNO
MASCHINEN MODELL**

QTNEXUS 100M-150M - 12 STATION
SQT 10M - 12 STATION
SQT 15M-18M - 16 STATION
QTNEXUS 200M-250M - 16 STATION

VDI - 40
**MANDRINO PRINCIPALE
HAUPTSPINDEL**

**PORTAUTENSILI STATICI
FESTE HALTER**

MODELLO MODELL	PORTAUTENSILI STATICI FESTE HALTER	CODICE MAZAK TEILE NUMMER MAZAK	CODICE PINTO TEILE NUMMER PINTO
①	TH-AX VDI40 H110 L110 MZ	53518000301	06052000-R011
②	TH-BRB VDI40 D20 H120 DX-SX MZ	53208005300	06051900-R011
③	TH-RAD VDI40 H100 L65 DX MZ	53518000101	06052100-R011
④	TH-BRB VDI40 D32 H110 DX-SX MZ	53108005100	06051800-R011
⑤	TH-RAD VDI40 H100 DOP L65/85 MZ	53538000101	06052200-R011
⑥	TH-CUT VDI40 SP5 H90 MZ	53518000401	06052300-R011
⑦	TH-RAD VDI40 H100 L65 SX MZ	53518000701	06052400-R011



MARIO PINTO S.p.A.



MAZAK

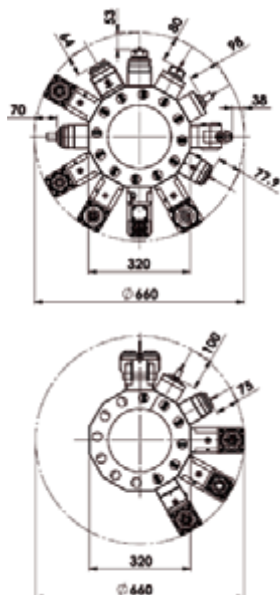
**MODELLO TORNO
MASCHINEN MODELL**

QTNEXUS 200M / 250M
SQT 15M - MS / 18M - MS
SQT 200M - MS / 250M - MS

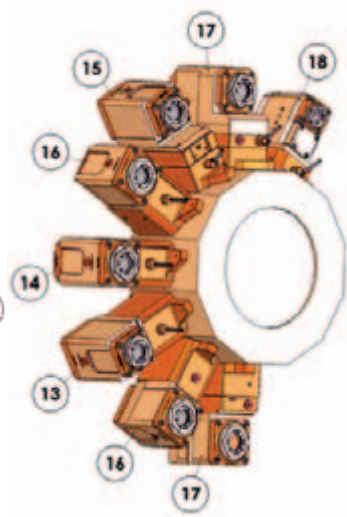
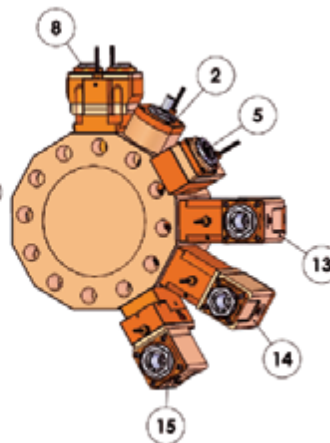
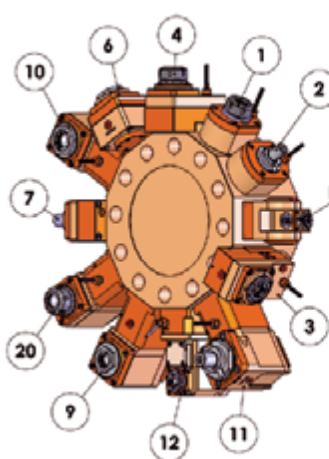
VDI - 40

**MANDRINO PRINCIPALE
HAUPTSPINDEL**

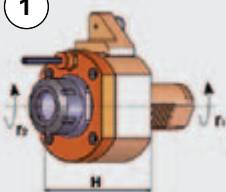
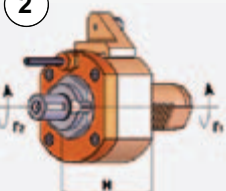
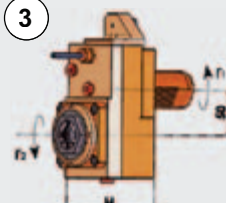
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GEGENSPINDEL**

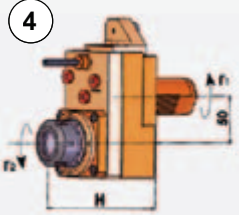
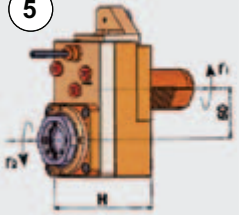
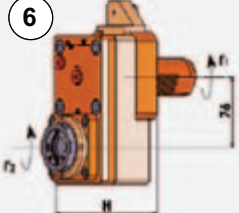
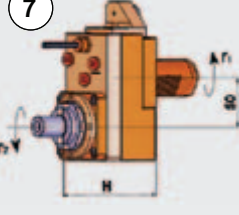
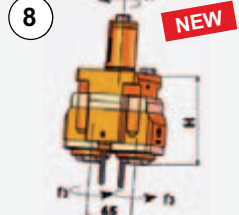
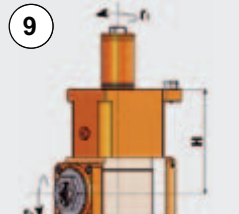
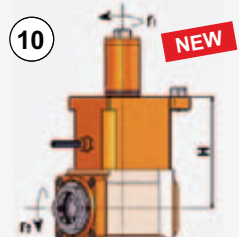


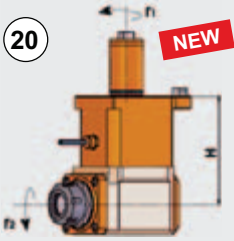
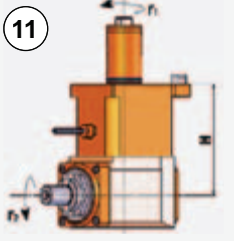
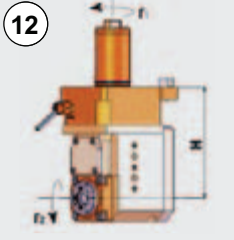
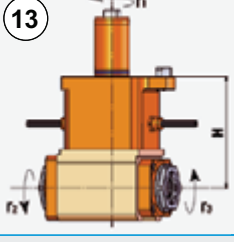
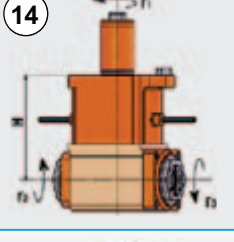
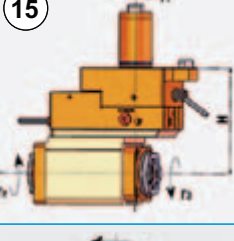
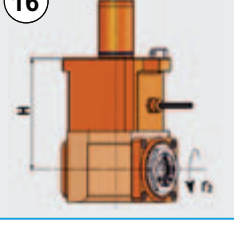
DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS-DURCHMESSER /
SCHWINGKREIS

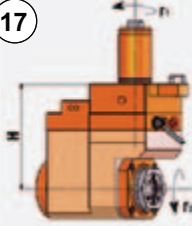
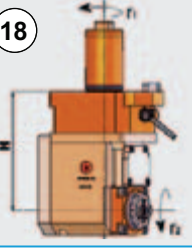
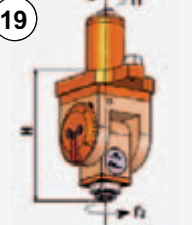


F: GHIERA INTERNA / INTERNE SPANNZANGE

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
1 	LT-S RADIALE RADIAL $r_1 = r_2$	ER32 (Ø 3-20)	6000	63	1:1	90	80	esterna extern	05050100
2 	LT-S RADIALE RADIAL $r_1 = r_2$	DIN 138-16 (Ø 16)	6000	63	1:1	70	100	esterna extern	05250300
		DIN 138-22 (Ø 22)	6000	63	1:1	72	98	esterna extern	05058800
3 	LT-S OFS RADIALE RADIAL r_1 contrario umgekehrt r_2	ER25-F (Ø 2-16)	6000	63	1:1	92	78	int. / est. int. / ext.	05250100

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
4 	LT-S OFS RADIALE RADIAL r_1 contrario umgekehrt r_2, r_3	ER32 (Ø 3-20)	6000	63	1:1	117	53	esterna extern	05051200
5 	LT-S OFS RADIALE RADIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	95	75	esterna extern	05250900
6 	LT-S OFS RADIALE RADIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	107	63	int. / est. int. / ext.	05250000
7 	LT-S OFS RADIALE RADIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	63	1:1	100	70	esterna extern	05051300
8 	LT-S2 RADIALE RADIAL r_1 contrario umgekehrt r_2, r_3	DOUBLE ER20-F (Ø 2-13)	6000	38	1:1	122	46.4	esterna extern	05251600
		DOUBLE ER20-F (Ø 2-13)	in / eing. 6000 out / ausg. 12000	in / eing. 38 out / ausg. 16	1:2	122	46.4	esterna extern	05251500
9 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	63	1:1	130	-	int. / est. int. / ext.	05250200
10 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	130	-	esterna extern	05058000
		ER32-F (Ø 3-20)	6000	63	1:1	130	-	int. / est. int. / ext.	05053800
		ER40-F (Ø 4-26)	6000	63	1:1	130	-	int. / est. int. / ext.	05250500

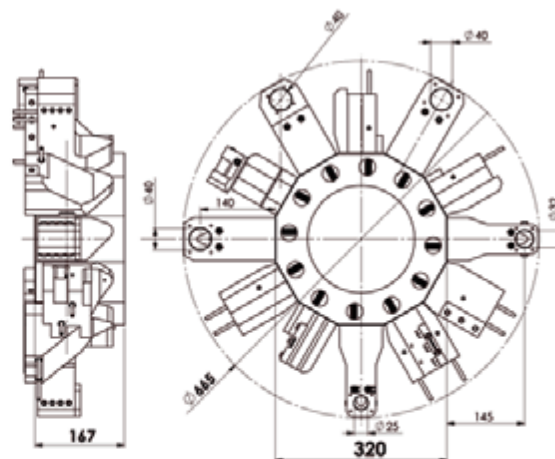
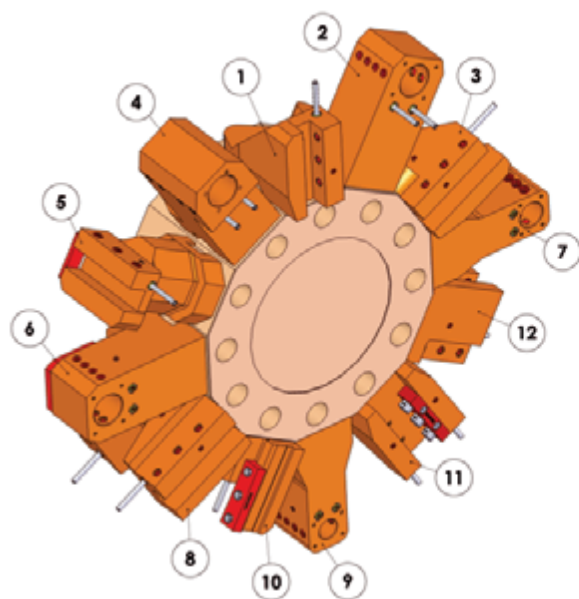
MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
	LT-A ASSIALE AXIAL $r_1 = r_2$	ER32 (Ø 2-20)	6000	63	1:1	130	-	esterna extern	05050900
	LT-A ASSIALE AXIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	63	1:1	130	-	esterna extern	05051700
	$r_1 = r_2$	DIN 138-27 (Ø 27)	6000	63	1:1	130	-	esterna extern	05051600
	LT-A ASSIALE AXIAL $r_1 = r_2$	ER20-F (Ø 2-13)	in / eing. 5000 out / ausg. 10000	in / eing. 50 out / ausg. 25	1:2	130	-	esterna extern	05250700
	LT-A ASSIALE AXIAL $r_1 = r_2$ r_1 contrario umgekehrt r_3	DOUBLE ER32-F (Ø 3-20)	6000	63	1:1	130	-	esterna extern	05053000
	LT-A ASSIALE AXIAL $r_1 = r_3$ r_1 contrario umgekehrt r_2	DOUBLE ER32-F (Ø 3-20)	6000	63	1:1	130	-	esterna extern	05250600*
	LT-A OFS ASSIALE AXIAL $r_1 = r_3$ r_1 contrario umgekehrt r_2	DOUBLE ER32-F (Ø 3-20)	6000	63	1:1	130	-	esterna extern	05058600
	LT-A ASSIALE AXIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	130	-	esterna extern	05053200
	$r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	130	-	int. / est. int. / ext.	05053400

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
	LT-A OFS ASSIALE AXIAL	ER32-F (Ø 3-20)	6000	63	1:1	130	-	esterna extern	05058300
	$r_1 = r_2$	ER32-F (Ø 3-20)	6000	50	1:1	130	-	int. / est. int. / ext.	05250400
	LT-A ASSIALE AXIAL	ER20-F (Ø 2-13)	in / eing. 5000 out / ausg. 10000	in / eing. 50 out / ausg. 25	1:2	130	-	esterna extern	05250800
	LT-T ASSIALE AXIAL RADIALE RADIAL	ER16-F (Ø 1-10)	4000	13	1:1	132	38	esterna extern	05051900
	r_1 contrario umgekehrt r_2								

* Solo per alcune versioni con CNC Matrix
Nur für bestimmte Ausführungen mit Matrix CNC

MAZAK
**MODELLO TORNIO
MASCHINEN MODELL**

 QTNEXUS 200MS - 250MS
SQT 15M/MS - 18M/MS

VDI - 40
**MANDRINO PRINCIPALE
HAUPTSPINDEL**

**PORTAUTENSILI STATICI
FESTE HALTER**

MODELLO MODELL	PORTAUTENSILI STATICI FESTE HALTER	CODICE MAZAK TEILE NUMMER MAZAK	CODICE PINTO TEILE NUMMER PINTO
①	TH-RAD VDI40 H120 L80 DX MZ	53618000100	06050300-R011
②	TH-BRB VDI40 D40 DX-SX H140 MZ	53208005100	06050100-R011
③	TH-RAD VDI40 H120 L80 SX MZ	53618000600	06050400-R011
④	TH-BRB VDI40 D40 H140 OFS MZ	53638000400	06050200-R011
⑤	TH-AX VDI40 H143 L92 MZ	53618000300	06050000-R011
⑥	TH-DRL VDI40 D40 H140 RF MZ	53208005200	06050600-R011
⑦	TH-DRL VDI40 D32 H145 RF MZ		06050700-R011
⑧	TH-RAD VDI40 DP H120 L80/90 MZ	53638000300	06050500-R011
⑨	TH-DRL VDI40 D25 H145 RF MZ		06050800-R011
⑩	TH-CUT VDI40 SP5 H110 MZ	53618000400	06051000-R011
⑪	TH-RAD VDI40 H120 DX/SN MZ		06050900-R011
⑫	TH-RAD VDI40 DP YH120 L50/50 MZ		06051100-R011



MARIO PINTO S.p.A.



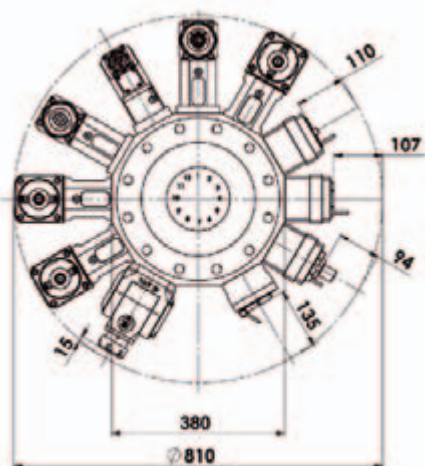
MAZAK

**MODELLO TORNO
MASCHINEN MODELL**

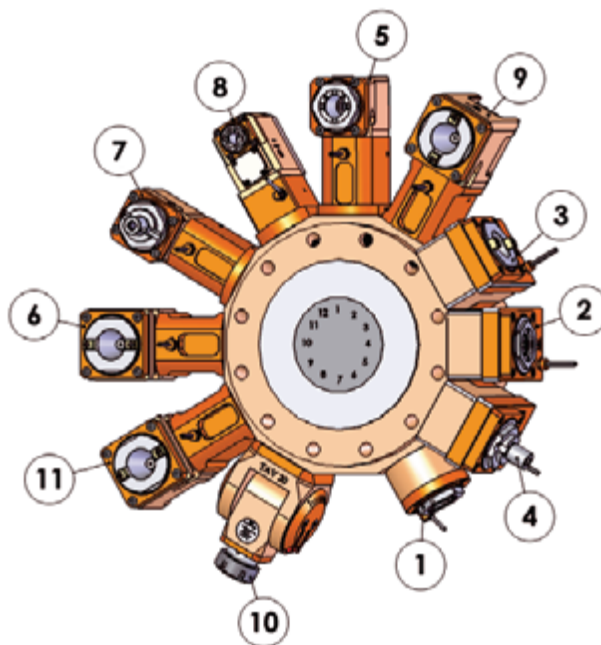
QTNEXUS 300M / 350M / 450M
SQT 28 / 30

VDI - 50

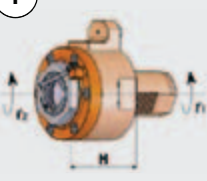
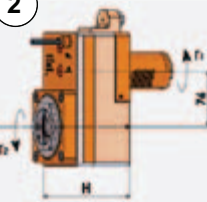
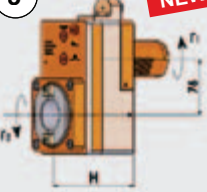
**MANDRINO PRINCIPALE
HAUPTSPINDEL**

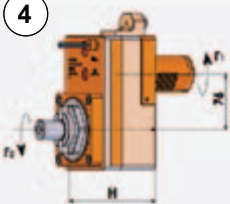
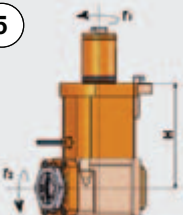
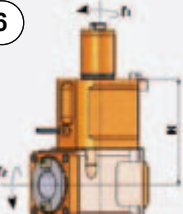
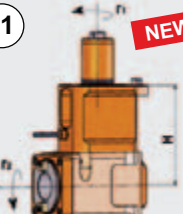
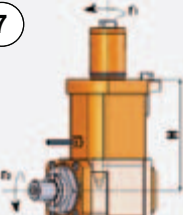
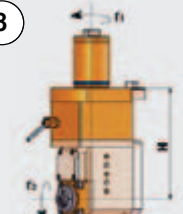
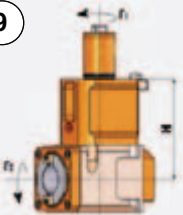


DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER /
SCHWINGKREIS



F: GHIERA INTERNA / INTERNE SPANNZANGE

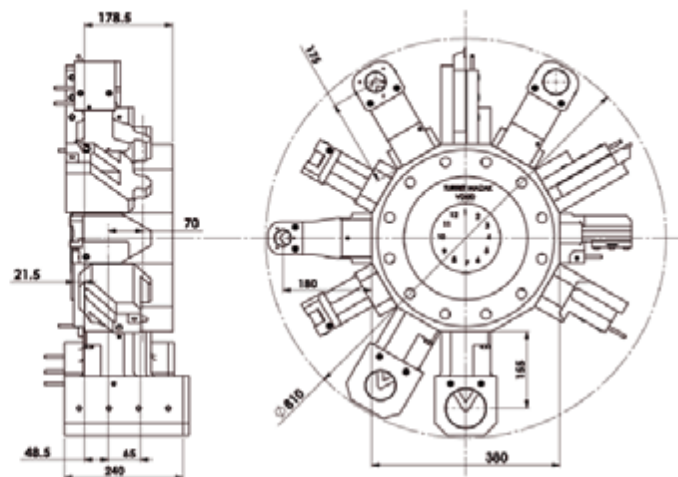
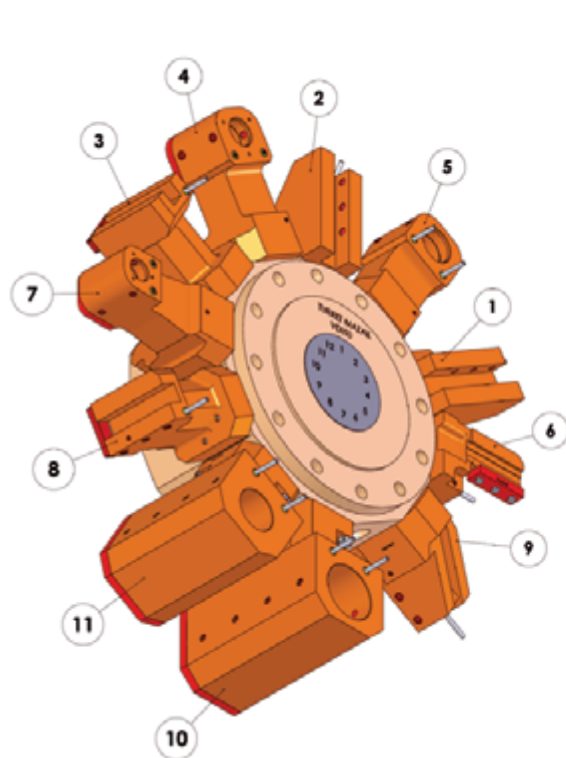
MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAH (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
1 	LT-S RADIALE RADIAL $r_1 = r_2$	ER40-F (Ø 4-26)	6000	100	1:1	80	135	esterna extern	05252000
2 	LT-S OFS RADIALE RADIAL r_1 contrario umgekehrt r_2	ER40-F (Ø 4-26)	4000	180	1:1	108	107	esterna extern	05054500
		ER40-F (Ø 4-26)	4000	180	1:1	108	107	int. / est. int. / ext.	05054600
3 	LT-S OFS RADIALE RADIAL r_1 contrario umgekehrt r_2	ISO-BT 40	4000	180	1:1	105	110	esterna extern	05054900
		ISO-BT 40	4000	180	1:1	105	110	int. / est. int. / ext.	05059100
		CAT 40 V 40	4000	180	1:1	105	110	int. / est. int. / ext.	05252300

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
4 	LT-S OFS RADIALE RADIAL r ₁ contrario umgekehrt r ₂	DIN 138-27 (Ø 27)	4000	180	1:1	121	94	esterna extern	05054700
5 	LT-A ASSIALE AXIAL	ER40-F (Ø 4-26)	6000	63	1:1	160	-	esterna extern	05054100
	r ₁ = r ₂	ER40-F (Ø 4-26)	6000	63	1:1	160	-	int. / est. int. / ext.	05054200
6 	LT-A ASSIALE AXIAL	ISO-BT 40	4000	180	1:1	160	-	esterna extern	05059200
	r ₁ = r ₂	ISO-BT 40	4000	180	1:1	160	-	int. / est. int. / ext.	05059300
11 	LT-A ASSIALE AXIAL	CAT 40 V 40	4000	180	1:1	160	-	int. / est. int. / ext.	05252500
	r ₁ = r ₂	CAT 40 V 40	in / eing. 4000 out / ausg. 2000	in / eing. 60 out / ausg. 120	2:1	160	-	esterna extern	05252400
	r ₁ = r ₂	CAT 40 V 40	in / eing. 4000 out / ausg. 2000	in / eing. 60 out / ausg. 120	2:1	160	-	int. / est. int. / ext.	05252600
7 	LT-A ASSIALE AXIAL r ₁ = r ₂	DIN 138-27 (Ø 27)	6000	63	1:1	160	-	esterna extern	05054400
8 	LT-A ASSIALE AXIAL r ₁ = r ₂	ER20-F (Ø 2-13)	in / eing. 5000 out / ausg. 10000	in / eing. 50 out / ausg. 25	1:2	160	-	esterna extern	05059600
9 	LT-A ASSIALE AXIAL	ISO-BT 40	in / eing. 4000 out / ausg. 2000	in / eing. 60 out / ausg. 120	2:1	160	-	esterna extern	05059500
	r ₁ = r ₂	ISO-BT 40	in / eing. 4000 out / ausg. 2000	in / eing. 60 out / ausg. 120	2:1	160	-	int. / est. int. / ext.	05059400

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
10 	LT- T ASSIALE AXIAL RADIALE RADIAL r ₁ contrario umgekehrt r ₂	ER40 (Ø 4-26)	2500	43	1:1	200	15	esterna extern	05059900

MAZAK
**MODELLO TORNIO
MASCHINEN MODELL**

 QTNEXUS 300M-350M-450M
SQT 28-30

VDI - 50
**MANDRINO PRINCIPALE
HAUPTSPINDEL**

**PORTAUTENSILI STATICI
FESTE HALTER**

MODELLO MODELL	PORTAUTENSILI STATICI FESTE HALTER	CODICE MAZAK TEILE NUMMER MAZAK	CODICE PINTO TEILE NUMMER PINTO
①	TH-RAD VDI50 H160 L86 SX MZ	53308000601	06053600-R011
②	TH-RAD VDI50 H160 L86 DX MZ	53308000101	06053500-R011
③	TH-AX VDI50 H165 MZ	53308000301	06053700-R011
④	TH-DRL VDI50 D40 H175 RF MZ	53308000501	06053900-R011
⑤	TH-BRB VDI50 D50 H175 MZ	53308000201	06053800-R011
⑥	TH-CUT VDI50 SP5 H145 MZ	53308000401	06054000-R011
⑦	TH-BRB VDI50 D32 H180 RF MZ		06054100-R011
⑧	TH-AX VDI50 H165 SX SPEC. MZ		06054200-R011
⑨	TH-RAD VDI50 H160 L65 DX POST		06054300-R011
⑩	TH-BRB VDI50 D80 H155 L240 RF MZ		06054400-R011
⑪	TH-BRB VDI50 D60 H155 L210 RF MZ		06054500-R011

MAZAK

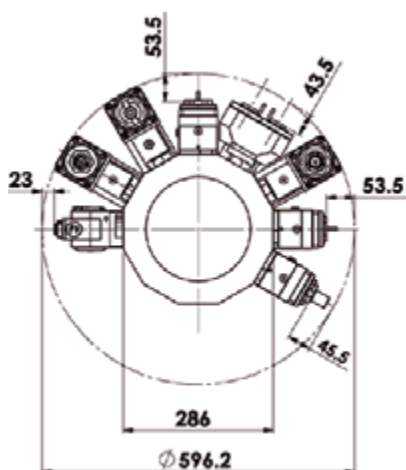
MODELLO TORNO
MASCHINEN MODELL

MULTIPLEX 610 / 6100 - 12 STATION
MULTIPLEX 620 / 6200 - 16 STATION

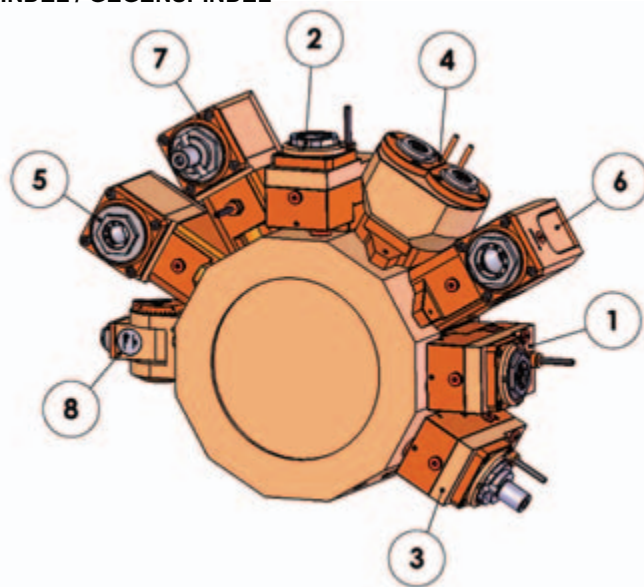
VDI - 40

MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL

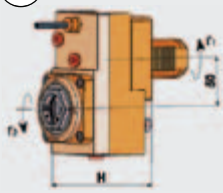
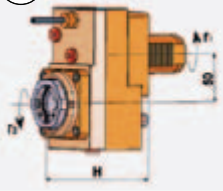
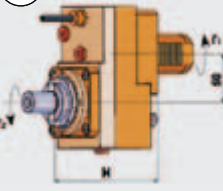
MULTIPLEX 610 / 6100
12 STATION

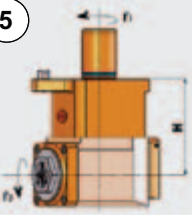
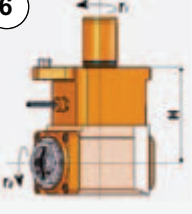
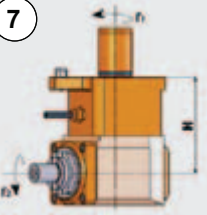


DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER /
SCHWINGKREIS



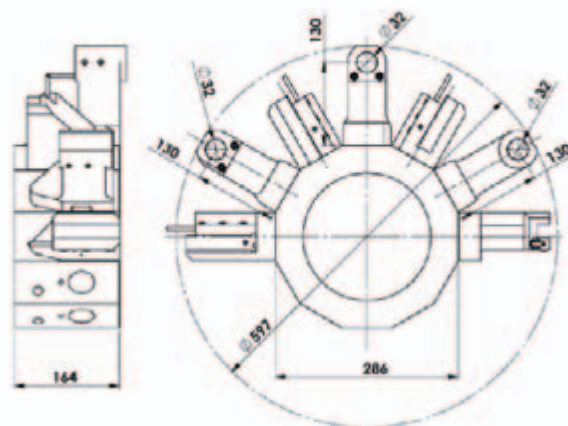
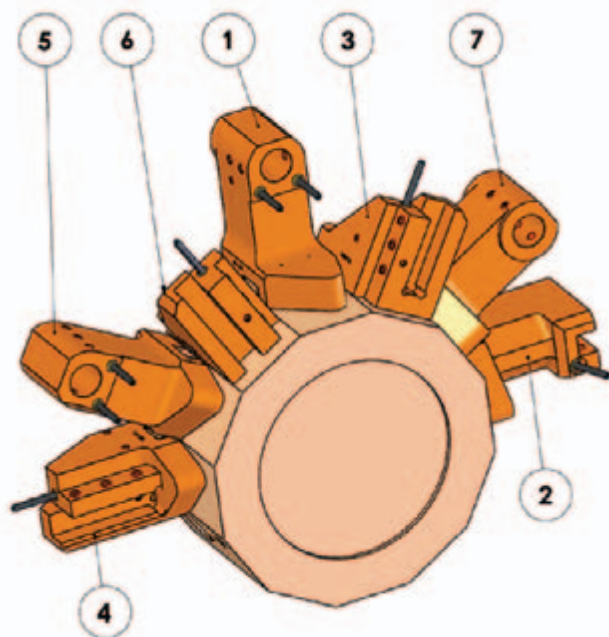
F: GHIERA INTERNA / INTERNE SPANNZANGE

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
1 	LT-S OFS RADIALE RADIAL r ₁ contrario umgekehrt r ₂	ER25-F (Ø 2-16)	6000	63	1:1	102	53.5	esterna extern	05057500
2 	LT-S OFS RADIALE RADIAL r ₁ contrario umgekehrt r ₂	ER32-F (Ø 2-20)	6000	63	1:1	105	50.5	esterna extern	05057000
		ER25-F (Ø 2-16)	6000	63	1:1	101.6	53.5	int. / est. int. / ext.	05057700
3 	LT-S OFS RADIALE RADIAL r ₁ contrario umgekehrt r ₂	DIN 138-22 (Ø 22)	6000	63	1:1	110	45.5	esterna extern	05057400

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
4 	LT-S2 RADIALE RADIAL r_1 contrario umgekehrt r_2, r_3	DOUBLE ER16-F (Ø 1-10)	6000	18	1:1	110	43.5	esterna extern	05057800
5 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	63	1:1	115	-	int. / est. int. / ext.	05057600
6 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	115	-	esterna extern	05057100
	$r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	115	-	int. / est. int. / ext.	05057200
7 	LT-A ASSIALE AXIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	63	1:1	115	-	esterna extern	05057300
8 	LT- T ASSIALE AXIAL RADIALE RADIAL r_1 contrario umgekehrt r_2	ER16-F (Ø 1-10)	4000	13	1:1	132	23	esterna extern	05057900

MAZAK
**MODELLO TORNO
MASCHINEN MODELL**

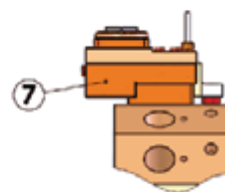
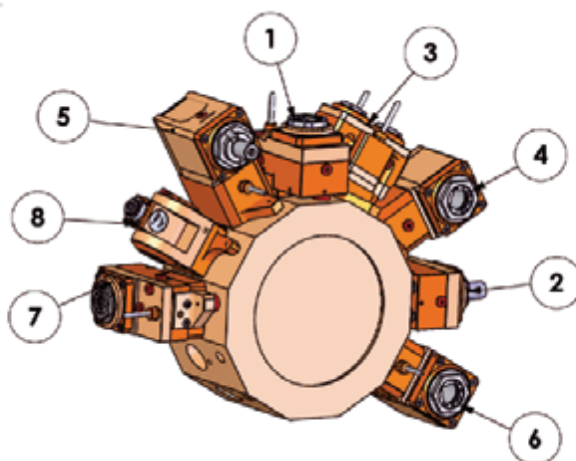
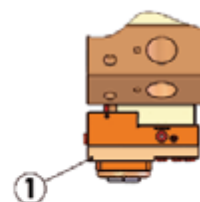
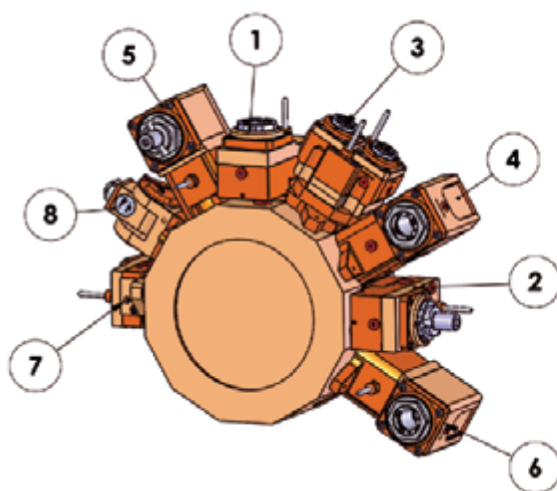
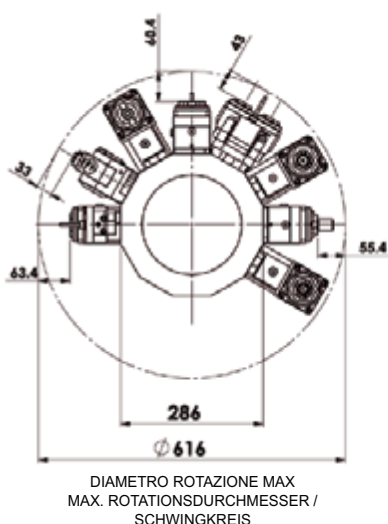
MULTIPLEX 610 / 6100 - 12 STATION
MULTIPLEX 620 / 6200 - 16 STATION

VDI - 40
**MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL**

**PORTAUTENSILI STATICI
FESTE HALTER**

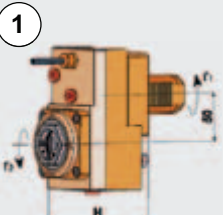
MODELLO MODELL	PORTAUTENSILI STATICI FESTE HALTER	CODICE MAZAK TEILE NUMMER MAZAK	CODICE PINTO TEILE NUMMER PINTO
①	TH-BRB VDI40 D32 H130 MZ	53178003101	06055000-R011
②	TH-AX VDI40 H143 L105 MZ	53568001601	06055200-R011
③	TH-RAD VDI40 H110 L85 SX MZ	53468000101	06055400-R011
④	TH-RAD VDI40 H140 L45 DX OFS MZ	53568001101	06055600-R011
⑤	TH-BRB VDI40 D32 H130 OFS MZ	53178003201	06055100-R011
⑥	TH-RAD VDI40 H110 L85 DX MZ	53468000201	06055300-R011
⑦	TH-DRL VDI40 D32 H130 RF MZ	53178003300	06055500-R011

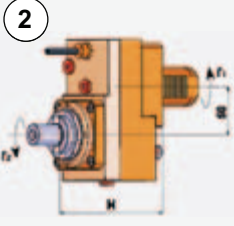
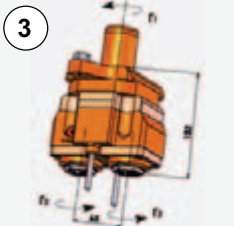
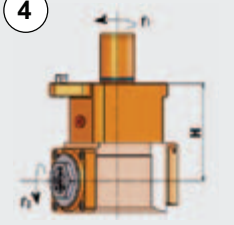
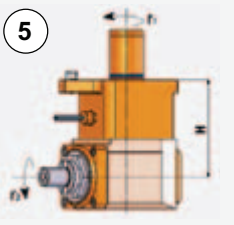
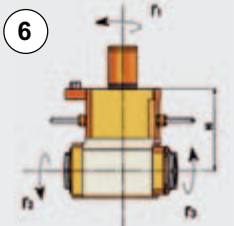
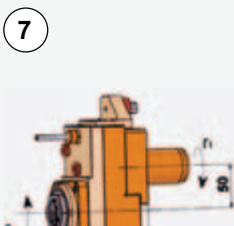
MAZAK
**MODELLO TORNO
MASCHINEN MODELL**

HYPER QUADREX 100 / 150 MSY - 12 STATION

VDI - 40
**MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL**
**TORRETTA SUPERIORE
OBERER REVOLVER**

**MANDRINO SECONDARIO E PRINCIPALE
GEGENSPINDEL / HAUPTSPINDEL**
**TORRETTA INFERIORE
UNTERER REVOLVER**

F: GHIERA INTERNA / INTERNE SPANNZANGE

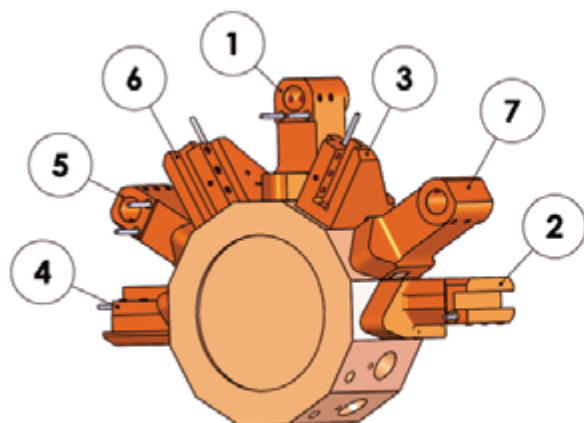
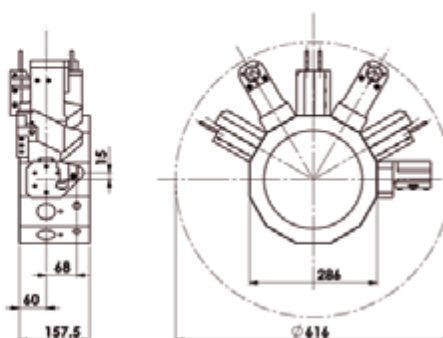
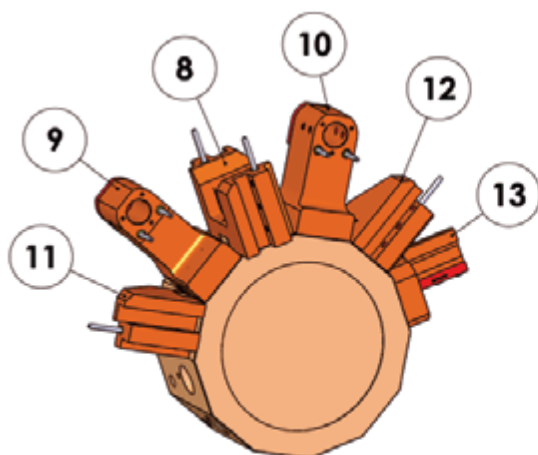
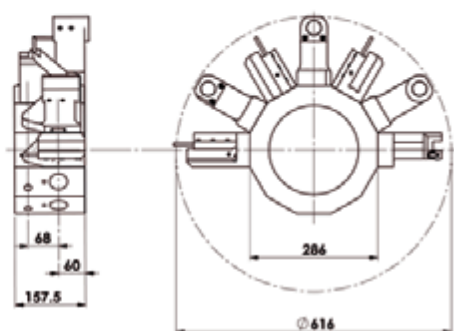
MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
	LT-S OFS RADIALE RADIAL r_1 contrario umgekehrt r_2	ER25-F (Ø 2-16)	6000	63	1:1	102	63	esterna extern	05057500
		ER25-F (Ø 2-16)	6000	63	1:1	101.6	63.4	int. / est. int. / ext.	05057700
		ER32-F (Ø 3-20)	6000	63	1:1	105	60	esterna extern	05057000

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
2 	LT-S OFS RADIALE RADIAL r ₁ contrario umgekehrt r ₂	DIN 138-22 (Ø 22)	6000	63	1:1	110	55	esterna extern	05057400
3 	LT-S2 RADIALE RADIAL r ₁ contrario umgekehrt r ₂ , r ₃	DOUBLE ER20-F (Ø 2-13)	6000	63	1:1	122	43	esterna extern	05255200
		DOUBLE ER20-F (Ø 2-13)	in / eing. 6000 out / ausg. 12000	in / eing. 38 out / ausg. 16	1:2	122	43	esterna extern	05255300
4 	LT-A ASSIALE AXIAL r ₁ = r ₂	ER25-F (Ø 2-16)	6000	63	1:1	115	-	int. / est. int. / ext.	05057600
		ER32-F (Ø 3-20)	6000	63	1:1	115	-	esterna extern	05057100
		ER32-F (Ø 3-20)	6000	63	1:1	115	-	int. / est. int. / ext.	05057200
5 	LT-A ASSIALE AXIAL r ₁ = r ₂	DIN 138-22 (Ø 22)	6000	63	1:1	115	-	esterna extern	05057300
6 	LT-A ASSIALE AXIAL r ₁ = r ₂ r ₁ contrario umgekehrt r ₃	DOUBLE ER32-F (Ø 3-20)	6000	63	1:1	115	-	esterna extern	05255100
7 	LT-S OFS RADIALE RADIAL r ₁ contrario umgekehrt r ₂	ER25-F (Ø 2-16)	6000	63	1:1	102	63.4	esterna extern	05255400
		ER25-F (Ø 2-16)	6000	63	1:1	102	63.4	int. / est. int. / ext.	05255500
		ER32-F (Ø 3-20)	6000	63	1:1	105	60.4	esterna extern	05255600
		ER32-F (Ø 3-20)	6000	63	1:1	105	60.4	int. / est. int. / ext.	05255700

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
8 	LT- T ASSIALE AXIAL RADIALE RADIAL r ₁ contrario umgekehrt r ₂	ER16-F (Ø 1-10)	4000	13	1:1	132	33	esterna extern	05057900

MAZAK
**MODELLO TORNIO
MASCHINEN MODELL**

 HYPER QUADREX 100 MSY
HYPER QUADREX 150 MSY

VDI - 40
**TORRETTA SUPERIORE
OBERER REVOLVER**

**MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL**

**TORRETTA INFERIORE
UNTERER REVOLVER**
**MANDRINO SECONDARIO E PRINCIPALE
GEGENSPINDEL / HAUPTSPINDEL**

MODELLO MODELL	PORTAUTENSILI STATICI FESTE HALTER	CODICE MAZAK TEILE NUMMER MAZAK	CODICE PINTO TEILE NUMMER PINTO
①	TH-BRB VDI40 D32 H130 MZ	53178003101	06055000-R011
②	TH-AX VDI40 H143 L105 MZ	53568001601	06055200-R011
③	TH-RAD VDI40 H110 L85 SX MZ	53468000101	06055400-R011
④	TH-RAD VDI40 H140 L45 DX OFS MZ	53568001101	06055600-R011
⑤	TH-BRB VDI40 D32 H130 OFS MZ	53178003201	06055100-R011

MODELLO MODELL	PORTAUTENSILI STATICI FESTE HALTER	CODICE MAZAK TEILE NUMMER MAZAK	CODICE PINTO TEILE NUMMER PINTO
⑥	TH-RAD VDI40 H110 L85 DX MZ	53468000201	06055300-R011
⑦	TH-DRL VDI40 D32 H130 RF MZ	53178003300	06055500-R011
⑧	TH-RAD VDI40 DP H100 L80/80 MZ		06250000-R011
⑨	TH-BRB VDI40 D32 H130 OFS RF MZ	58168000800	06250100-R011
⑩	TH-BRB VDI40 D32 H130 RF MZ	58168000900	06250200-R011
⑪	TH-RAD VDI40 H110 L65 DX MZ	58168000600	06250300-R011
⑫	TH-RAD VDI40 H110 L65 SX MZ	58168000700	06250400-R011
⑬	TH-CUT VDI40 SP5 H120 L24 MZ	58168000500	06250500-R011



MARIO PINTO S.p.A.



MAZAK

**MODELLO TORNO
MASCHINEN MODELL**

MULTIPLEX 620 / 6200 / 6250 - 12 STATION
MULTIPLEX 8200 TORRETTA SUPERIORE / OBERER REVOLVER - 12 STATION

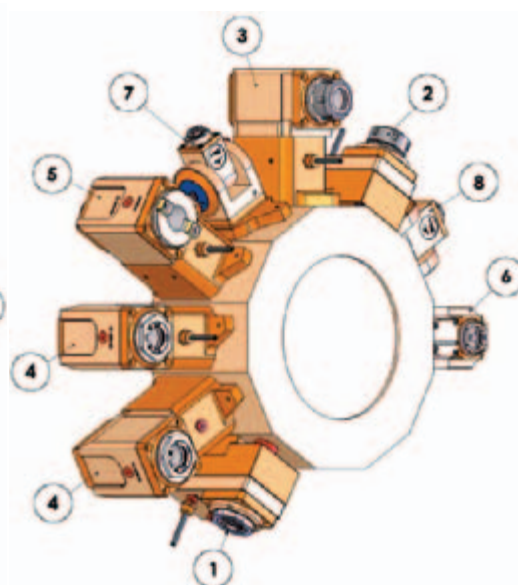
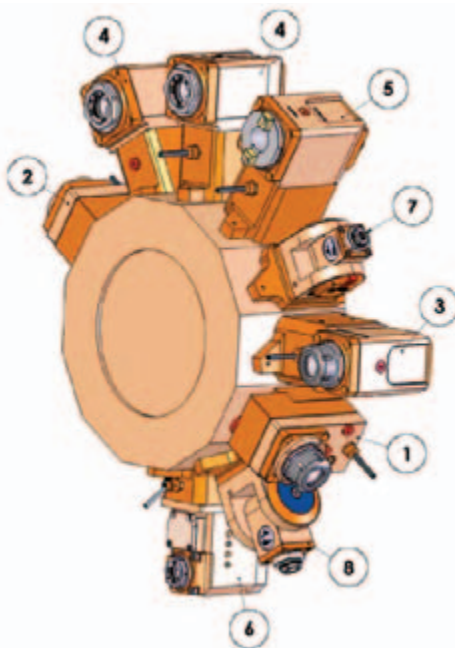
VDI - 40

**MANDRINO PRINCIPALE
HAUPTSPINDEL**

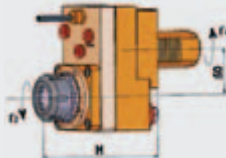
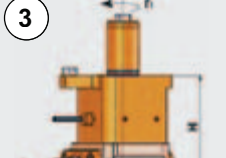
**MANDRINO SECONDARIO
GEGENSPINDEL**

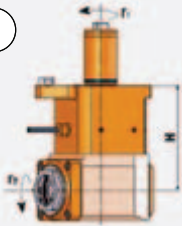
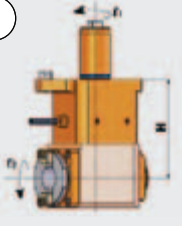
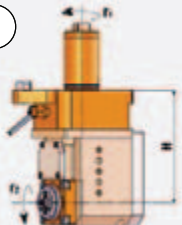
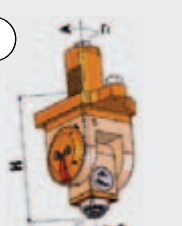
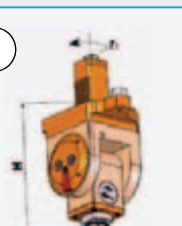


DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER /
SCHWINGKREIS



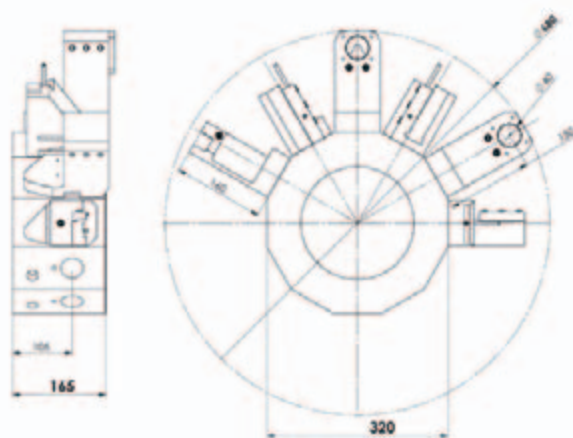
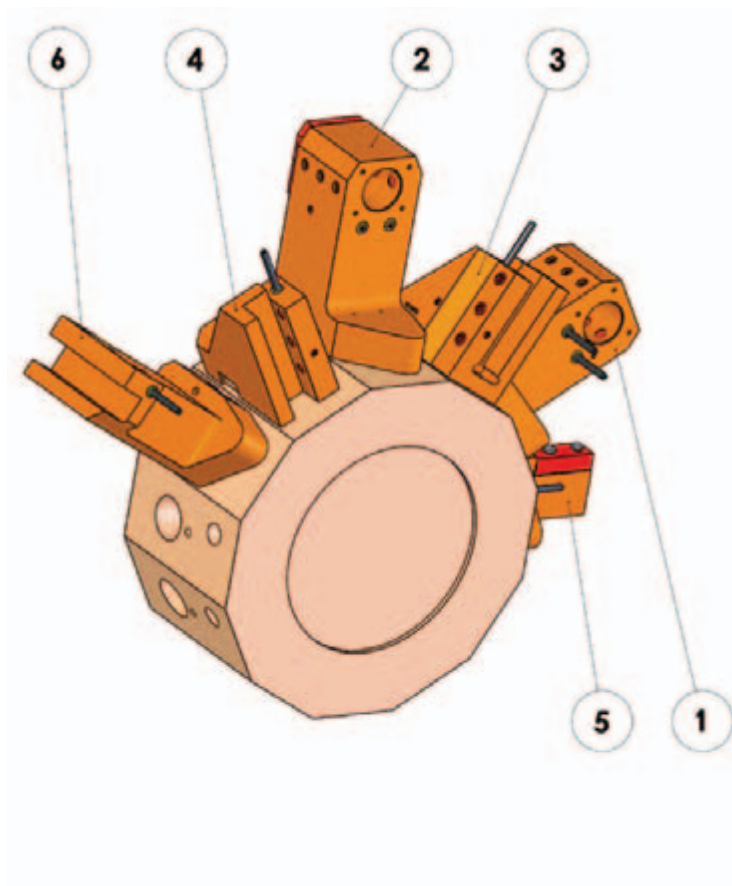
F: GHIERA INTERNA / INTERNE SPANNZANGE

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
1 	LT-S OFS RADIALE RADIAL r ₁ contrario umgekehrt r ₂	ER32 (Ø 3-20)	6000	63	1:1	126.5	43.5	esterna extern	05052000
2 	LT-S OFS RADIALE RADIAL r ₁ contrario umgekehrt r ₂	ER32-F (Ø 3-20)	6000	63	1:1	104.5	65.5	esterna extern	05052800
3 	LT-A ASSIALE AXIAL r ₁ = r ₂	ER32 (Ø 3-20)	6000	63	1:1	130	-	esterna extern	05052100

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAHL (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
4 	LT-A ASSIALE AXIAL	ER32-F (Ø 3-20)	6000	63	1:1	130	-	esterna extern	05052500
	$r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	130	-	int. / est. int. / ext.	05052600
5 	LT-A ASSIALE AXIAL	ISO-BT 30	6000	63	1:1	130	-	esterna extern	05052400
6 	LT-A ASSIALE AXIAL	ER20-F (Ø 2-13)	in / eing. 5000 out / ausg. 10000	in / eing. 50 out / ausg. 25	1:2	130	-	esterna extern	05052700
7 	LT- T ASSIALE AXIAL RADIALE RADIAL	ER16-F (Ø1-10)	4000	13	1:1	132	38	esterna extern	05052200
8 	LT- T ASSIALE AXIAL RADIALE RADIAL	ER20-F (Ø 2-13)	3000	20	1:1	151	19	esterna extern	05052900

MAZAK
**MODELLO TORNO
MASCHINEN MODELL**

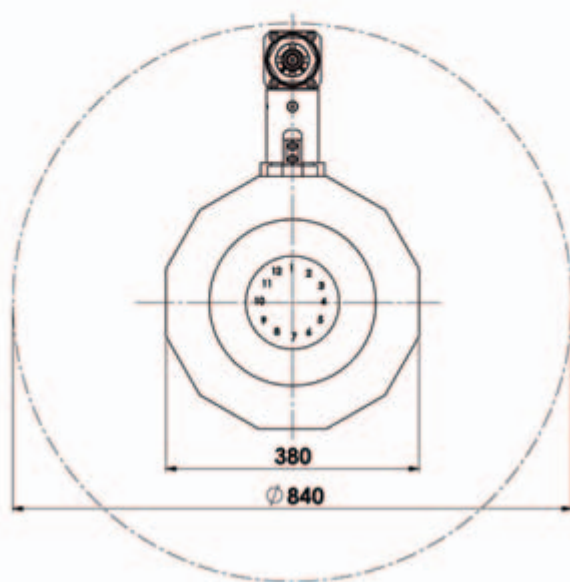
MULTIPLEX 6200 / 6250 - 12 STATION

VDI - 40
**MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL**

**PORTAUTENSILI STATICI
FESTE HALTER**

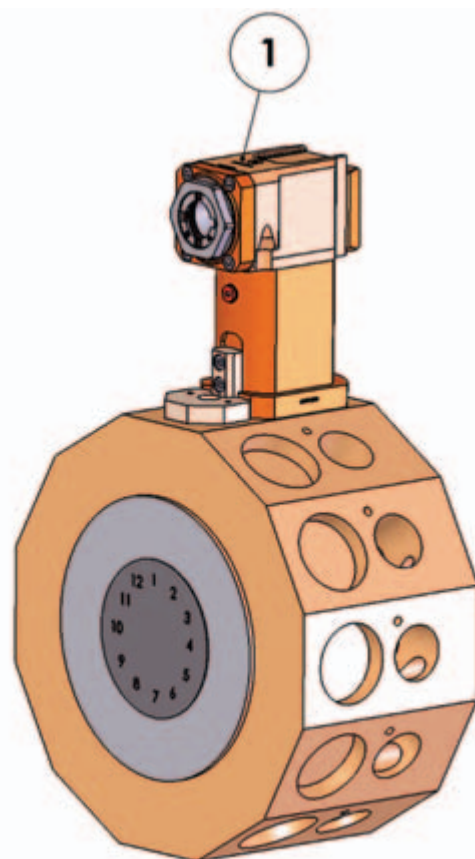
MODELLO MODELL	PORTAUTENSILI STATICI FESTE HALTER	CODICE MAZAK TEILE NUMMER MAZAK	CODICE PINTO TEILE NUMMER PINTO
①	TH-BRB VDI40 H150 D40 MZ	53178002101	06056900-R011
②	TH-DRL VDI40 H150 D40 RF MZ	53178002200	06057000-R011
③	TH-RAD VDI40 H120 L80 SX MZ	53478000100	06057200-R011
④	TH-RAD VDI40 H120 L80 DX MZ	53478000200	06057100-R011
⑤	TH-CUT VDI40 SP5 H135 MZ	53478000900	06057400-R011
⑥	TH-AX VDI40 H160 MZ	53578000200	06057300-R011

MAZAK
**MODELLO TORNO
MASCHINEN MODELL**

MULTIPLEX 6300Y / 6300 / 630 - 12 STATION
MULTIPLEX 650 - 10 STATION

VDI - 50
**MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL**


DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER / SCHWINGKREIS



F: GHIERA INTERNA / INTERNE SPANNZANGE

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAH (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMBER
1 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER40-F (Ø 4-26)	6000	63	1:1	175	-	int. / est. int. / ext.	05254500



MARIO PINTO S.p.A.

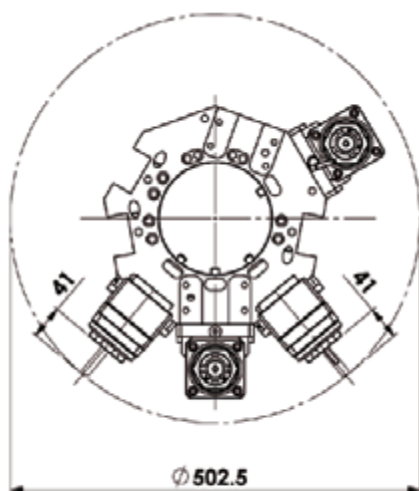


MAZAK

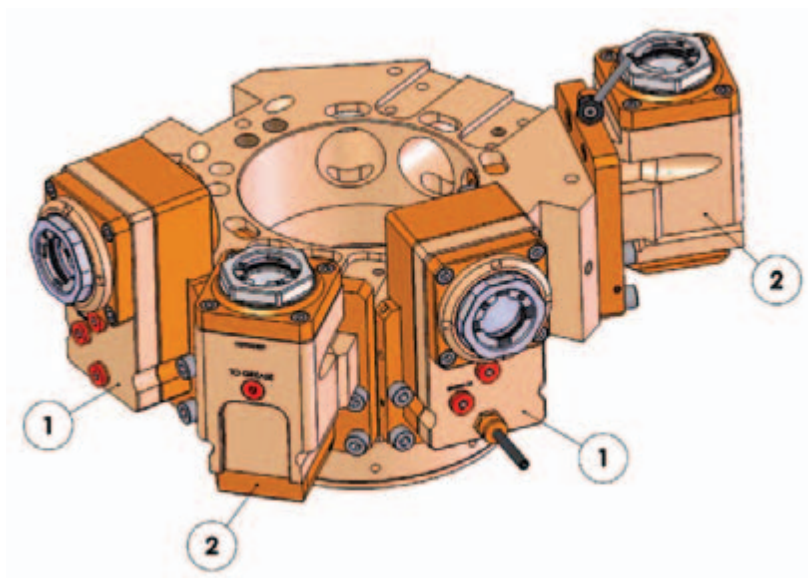
**MODELLO TORNO
MASCHINEN MODELL**

INTEGREX - Serie IV 200ST - 300ST - 400ST
INTEGREX - Serie e-420
MULTIPLEX 8200 (TORRETTA INFERIORE - UNTERER REVOLVER)

D - 40

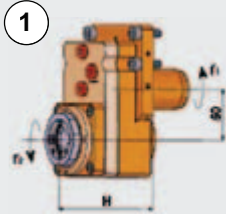
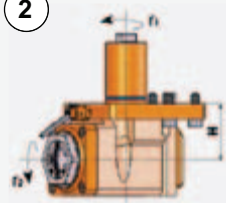


DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER / SCHWINGKREIS



**TORRETTA INFERIORE MOTORIZZATA
UNTERER ANGETRIEBENER REVOLVER**

F: GHIERA INTERNA / INTERNE SPANNZANGE

MODELLO MODELL	LAVORAZIONE OPERATION	PINZA SPANNZANGE	VELOCITÀ (giri/min) DREHZAH (U/Min.)	COPPIA DREHMOMENT (Nm)	RAPPORTO ÜBERSETZUNG	H (mm)	LUNGHEZZA UTENSILE WERKZEUGLÄNGE	REFRIGERAZIONE KÜHLSCHMIER- MITTEL	CODICE TEILE NUMMER
	LT-S OFS ASSIALE AXIAL	ER32-F (Ø 3-20)	6000	63	1:1	80	41	esterna extern	05056300
	r_1 contrario umgekehrt r_2	ER32-F (Ø 3-20)	6000	63	1:1	80	41	int. / est. int. / ext.	05056100
	LT-A RADIALE RADIAL	ER32-F (Ø 3-20)	6000	63	1:1	55	-	esterna extern	05056400
	$r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	55	-	int. / est. int. / ext.	05056200



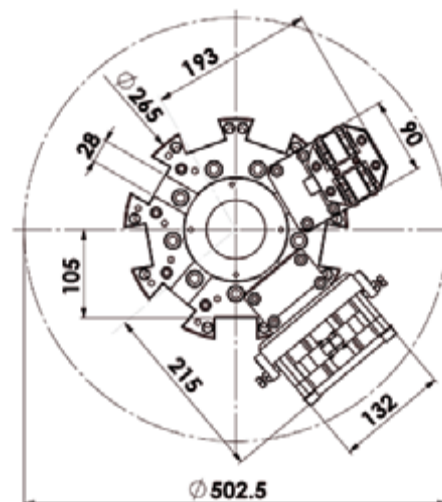
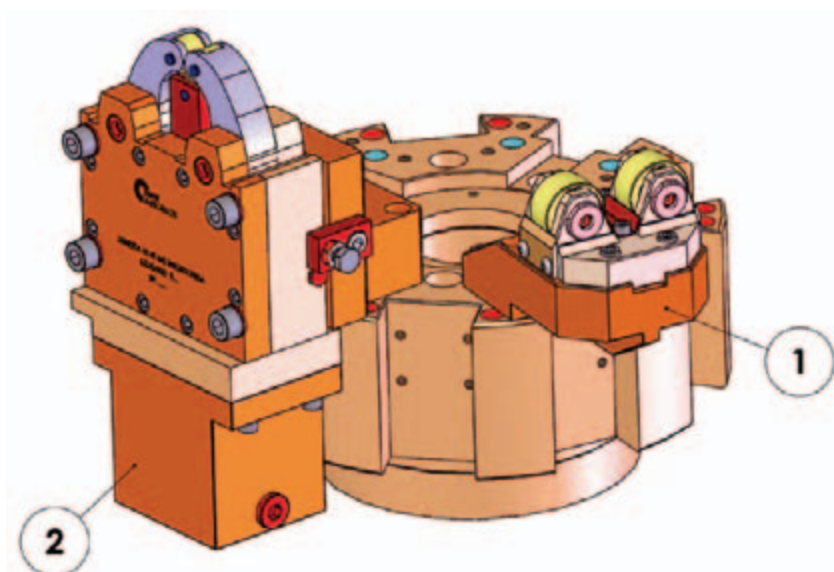
MARIO PINTO S.p.A.



MAZAK

**MODELLO TORNO
MASCHINEN MODELL**

INTEGREX - Serie IV 200ST - 300ST - 400ST
INTEGREX - Serie e 420
MULTIPLEX 8200 (TORRETTA INFERIORE - UNTERER REVOLVER)



DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER / SCHWINGKREIS

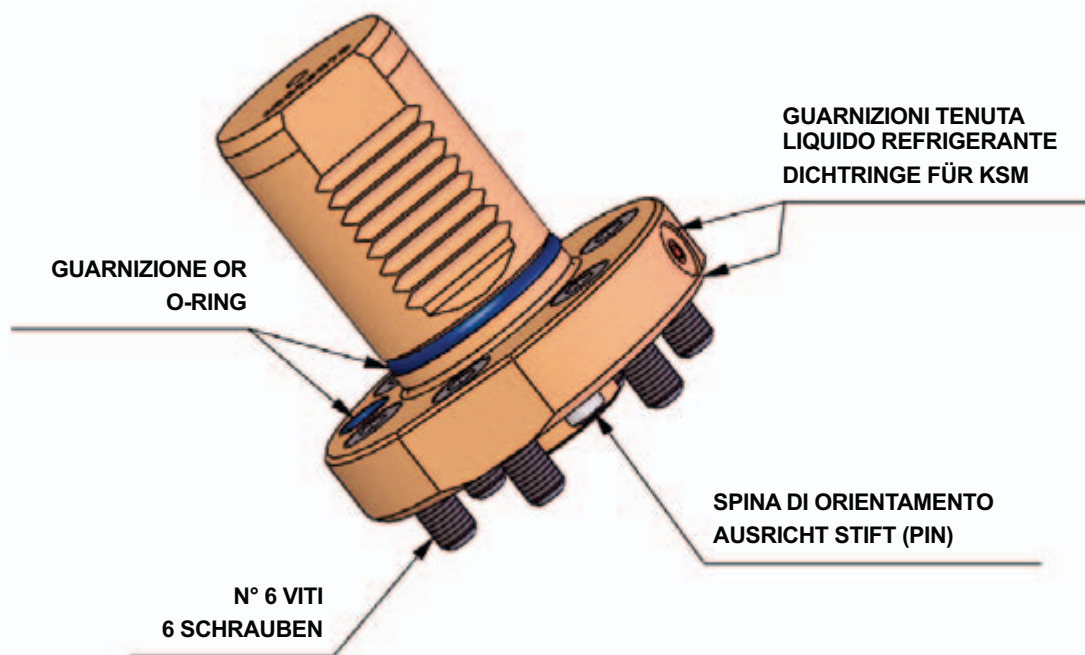
**TORRETTA INFERIORE FISSA
UNTERER FESTER REVOLVER**

MODELLO MODEL	LAVORAZIONE OPERATION	DIAMETRI BLOCCAGGIO SPANNDURCHMESSER (mm)	H (mm)	PRESSIONE MAX. MAX. DRUCK (bar)	CODICE TEILE NUMBER
1 	ASSIALE AXIAL	Ø 20 min. Ø 100 max. SUPPORTO ALBERO WELLEN-AUFLAGE	70.5	-	05056000
2 	ASSIALE AXIAL	Ø 6 min. Ø 64 max. LUNETTA LÜNETTE	140	14	05056900



MAZAK

FLANGIA D'ATTACCO RIPORTATA VDI PER PORTAUTENSILI STATICI
SU TORRETTE MOTORIZZATE
MONTAGE-ADAPTER VDI FÜR FESTE (STATISCHE) HALTER
BEI ANGETRIEBENEN REVOLVERN



ATTACCO AUFNAHME	MACCHINE MAZAK MAZAK MASCHINEN	CODICE GRUPPO GRUPPE - TEILE-NR.
VDI 40	QT NEXUS 200M / 250M - 12 STATION QT NEXUS 200M / 250M - 16 STATION QT NEXUS 100M / 150M - 12 STATION SQT 10M - 12 STATION SQT 15M / 18M - 16 STATION	06050060
VDI 40	MULTIPLEX 610 / 6100 - 12 STATION MULTIPLEX 620 / 6200 / 6250 - 12 STATION MULTIPLEX 620 / 6200 - 16 STATION HYPER QUADREX 150 MSX / MSY MULTIPLEX 8200 TORRETTA SUPERIORE / OBERER REVOLVER	06055060
VDI 50	QT NEXUS 300M / 350M / 450M SQT 28 / 30	06053560