



MARIO PINTO S.p.A.



BARUFFALDI

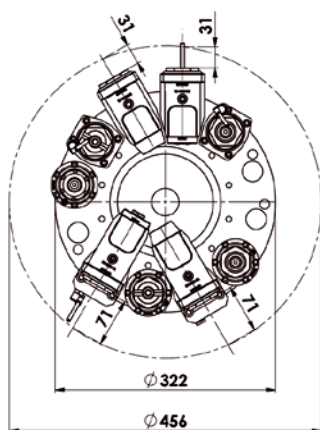
MODELLO TORNO
MASCHINEN MODELL

TORRETTA FRONTALE / FRONTALER REVOLVER
TBMA 160

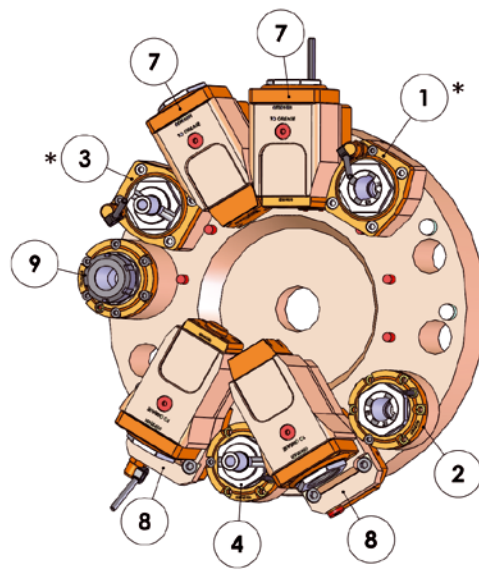
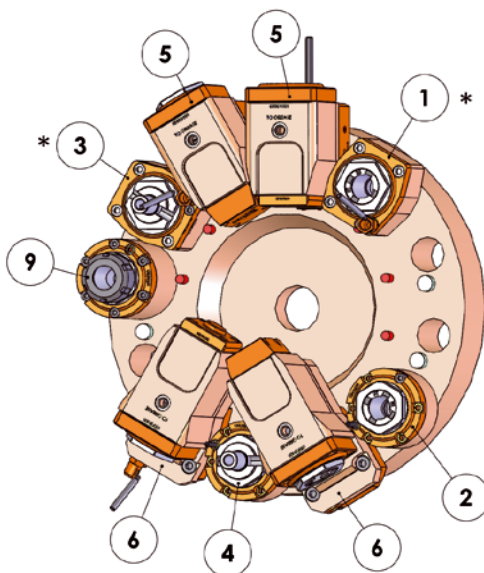
**TBMA 160
VDI - 30**

TORRETTA DESTRA
RECHTER REVOLVER

TORRETTA SINISTRA
LINKER REVOLVER

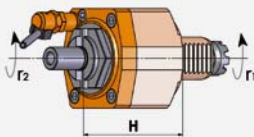
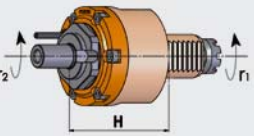
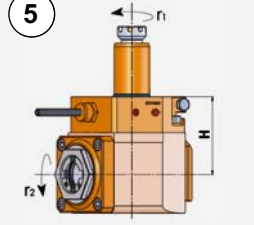
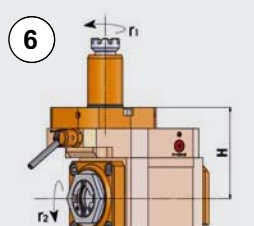
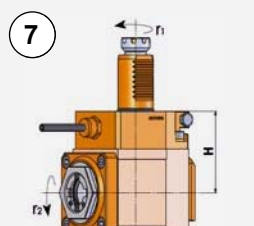
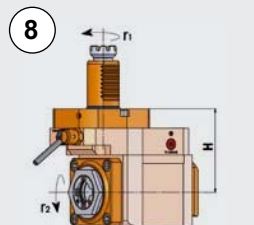


DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER /
SCHWINGKREIS



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 ASSIALE AXIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	40	1:1	62.5	-	esterna extern	05173000*
2 	LT-S ASSIALE AXIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	40	1:1	59.5	-	esterna extern	05178200
9 NEW 	LT-S ASSIALE AXIAL $r_1 = r_2$	ER25 (Ø 2-16)	6000	40	1:1	100.5	-	int. / est. int. / ext.	05178600

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
3 	LT-S ASSIALE AXIAL $r_1 = r_2$	DIN 138-16 (Ø 16)	6000	40	1:1	67	-	esterna extern	05173200*
4 	LT-S ASSIALE AXIAL $r_1 = r_2$	DIN 138-16 (Ø 16)	6000	40	1:1	60	-	esterna extern	05178500
5 	LT-A RADIALE RADIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	30	1:1	65	31	esterna extern	05174600
		ER25-F (Ø 2-16)	6000	30	1:1	65	31	int. / est. int. / ext.	05174800
6 	LT-A OFS RADIALE RADIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	25	1:1	78	71	esterna extern	05178000
		ER25-F (Ø 2-16)	6000	25	1:1	78	71	int. / est. int. / ext.	05178100
7 	LT-A RADIALE RADIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	30	1:1	65	31	esterna extern	05174700
		ER25-F (Ø 2-16)	6000	30	1:1	65	31	int. / est. int. / ext.	05174900
8 	LT-A OFS RADIALE RADIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	25	1:1	78	71	esterna extern	05178300
		ER25-F (Ø 2-16)	6000	25	1:1	78	71	int. / est. int. / ext.	05178400

* Questo portautensile non può essere montato vicino ad un angolare OFF-SET.
Può essere montato solo vicino ad un angolare compatto normale (vedi disegno)
Dieses Angetriebene Werkzeug kann nicht neben einem OFF-SET Radial-Werkzeug eingesetzt werden.
Dieses Angetriebene Werkzeug kann nur neben einem einfachen Radial-Werkzeug eingesetzt werden (siehe Zeichnung).

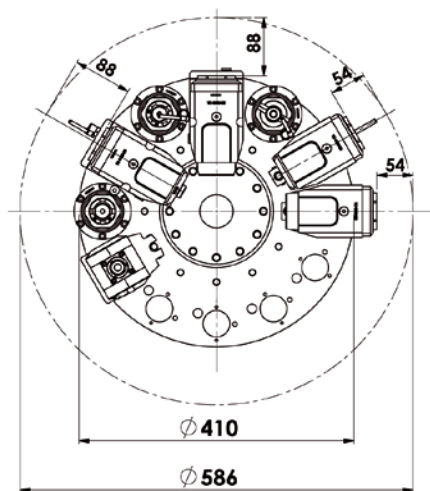
BARUFFALDI

MODELLO TORNO
MASCHINEN MODELL

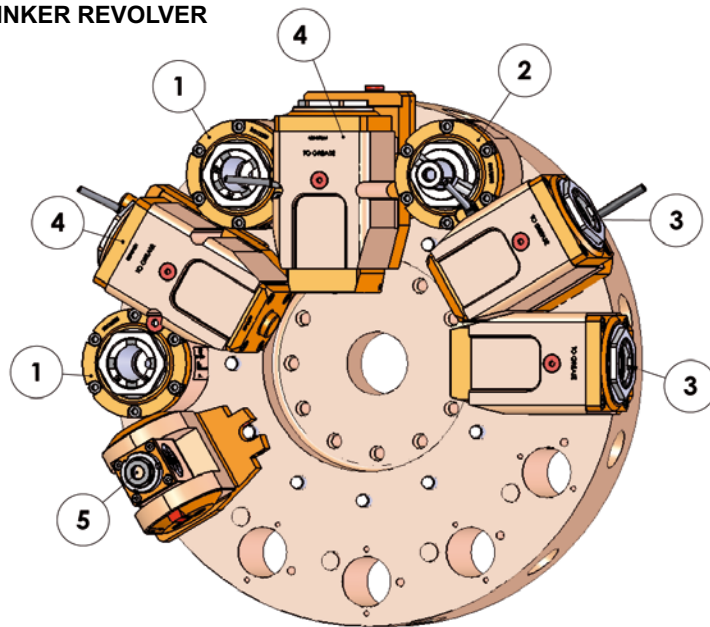
TORRETTA FRONTALE / FRONTALER REVOLVER
TBMA 200

**TBMA 200
VDI - 40**

TORRETTA DESTRA E SINISTRA
RECHTER UND LINKER REVOLVER

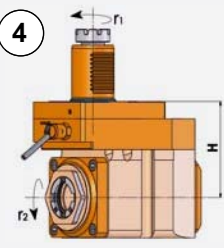
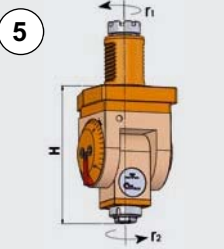


DIAMETRO ROTAZIONE MAX
MAX. ROTATIONS DURCHMESSER /
SCHWINGKREIS



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 ASSIALE AXIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	74	-	esterna extern	05172200
		ER32-F (Ø 3-20)	6000	63	1:1	74	-	int. / est. int. / ext.	05172300
2 	LT-S ASSIALE AXIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	63	1:1	81	-	esterna extern	05172400
3 	LT-A RADIALE RADIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	90	54	esterna extern	05172500
		ER32-F (Ø 3-20)	6000	63	1:1	90	54	int. / est. int. / ext.	05172600

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 OFS RADIALE RADIAL	ER32-F (Ø 3-20)	6000	63	1:1	90	88	esterna extern	05172000
	$r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	90	88	int. / est. int. / ext.	05172100
5 	LT-T ASSIALE AXIAL RADIALE RADIAL	ER16-F (Ø 1-10)	4000	13	1:1	132	-	esterna extern	05172900
	r_1 contrario umgekehrt r_2								

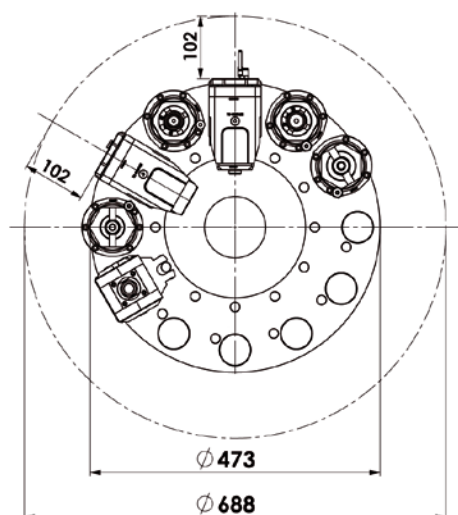
BARUFFALDI

MODELLO TORNIO
MASCHINEN MODELL

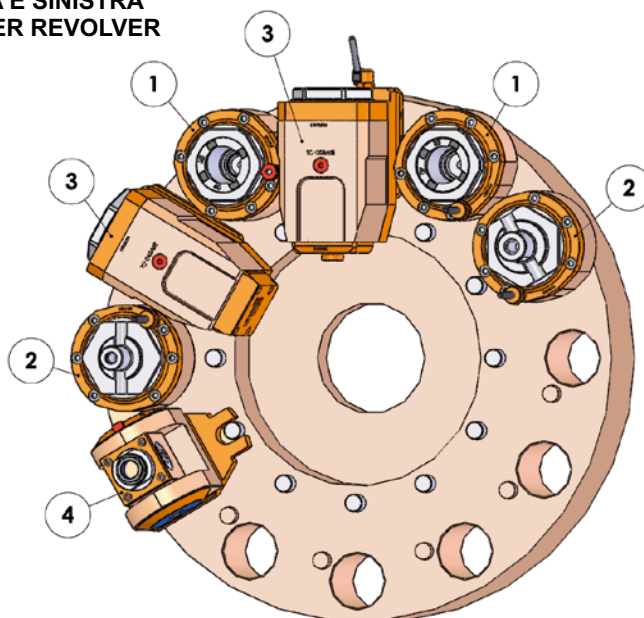
TORRETTA FRONTALE / FRONTALER REVOLVER
TBMA 250

**TBMA 250
VDI - 50**

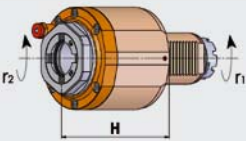
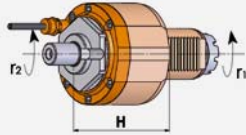
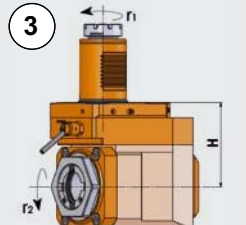
TORRETTA DESTRA E SINISTRA
RECHTER UND LINKER REVOLVER



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 ASSIALE AXIAL $r_1 = r_2$	ER40-F (Ø 4-26)	6000	120	1:1	81	-	esterna extern	05175100
		ER40-F (Ø 4-26)	6000	120	1:1	98	-	int. / est. int. / ext.	05175400
2 	LT-S ASSIALE AXIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	80	1:1	82.5	-	esterna extern	05175200
		DIN 138-22 (Ø 22)	6000	80	1:1	84	-	int. / est. int. / ext.	05175300
3 	LT-A OFS RADIALE RADIAL $r_1 = r_2$	ER40-F (Ø 4-26)	6000	50	1:1	90	102	esterna extern	05177000
		ER40-F (Ø 4-26)	6000	50	1:1	90	102	int. / est. int. / ext.	05177100

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-T ASSIALE AXIAL RADIALE RADIAL r_1 contrario umgekehrt r_2	ER20-F (Ø 2-16)	3000	20	1:1	151	-	esterna extern	05177900

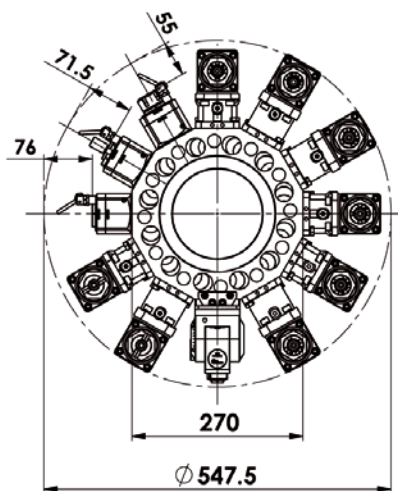
BARUFFALDI

MODELLO TORNO
MASCHINEN MODELL

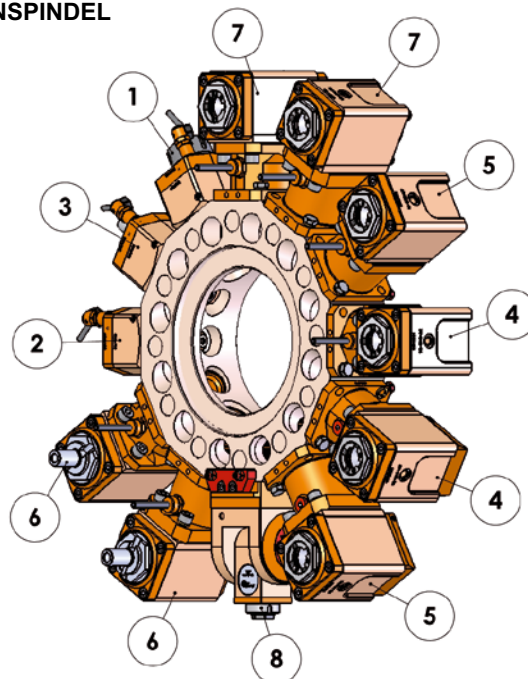
TORRETTA RADIALE / RADIALER REVOLVER TBMR 160

**TBMR 160
VDI - 30**

MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL

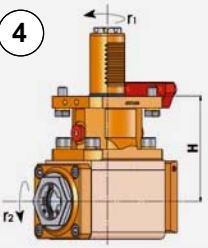
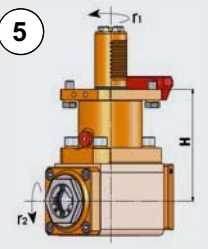
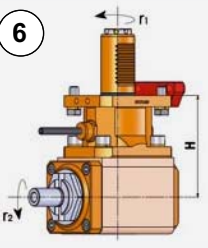
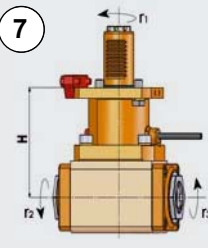
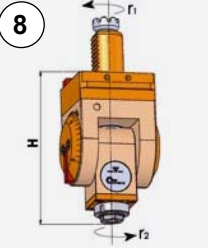


DIAMETRO ROTAZIONE
ROTATIONS-DURCHMESSER / SCHWINGKREIS



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 $r_1 = r_2$	ER25 (Ø 2-16)	6000	40	1:1	83.5	55	esterna extern	05173100
2 	LT-S RADIALE RADIAL $r_1 = r_2$	ER25-F (Ø 2-16)	6000	40	1:1	62.5	76	esterna extern	05173000
3 	LT-S RADIALE RADIAL $r_1 = r_2$	DIN 138-16 (Ø 16)	6000	40	1:1	67	71.5	esterna extern	05173200

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	ER25-F (Ø 2-16)	6000	30	1:1	90	-	esterna extern	05173600
	$r_1 = r_2$	ER25-F (Ø 2-16)	6000	30	1:1	90	-	int. / est. int. / ext.	05174300
5 	LT-A ASSIALE AXIAL	ER25-F (Ø 2-16)	6000	30	1:1	105	-	esterna extern	05173700
	$r_1 = r_2$	ER25-F (Ø 2-16)	6000	30	1:1	105	-	int. / est. int. / ext.	05174400
6 	LT-A ASSIALE AXIAL	DIN 138-16 (Ø 16)	6000	30	1:1	90	-	esterna extern	05173800
	$r_1 = r_2$	DIN 138-16 (Ø 16)	6000	30	1:1	105	-	esterna extern	05173900
7 	LT-A ASSIALE AXIAL	ER25-F (Ø 2-16)	6000	30	1:1	90	-	esterna extern	05174200
	$r_1 = r_2$ r_1 contrario umgekehrt r_3	ER25-F (Ø 2-16)	6000	30	1:1	105	-	esterna extern	05174100
8 	LT-T ASSIALE AXIAL RADIALE RADIAL	ER16-F (Ø 1-10)	4000	13	1:1	132	-	esterna extern	05174000
	r_1 contrario umgekehrt r_2								

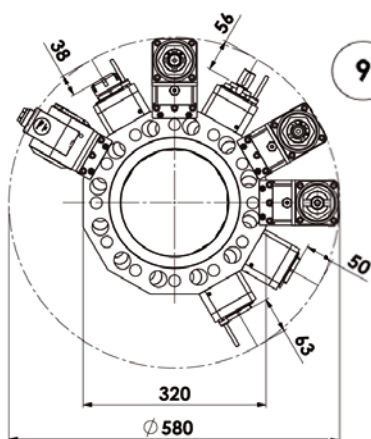
BARUFFALDI

MODELLO TORNO
MASCHINEN MODELL

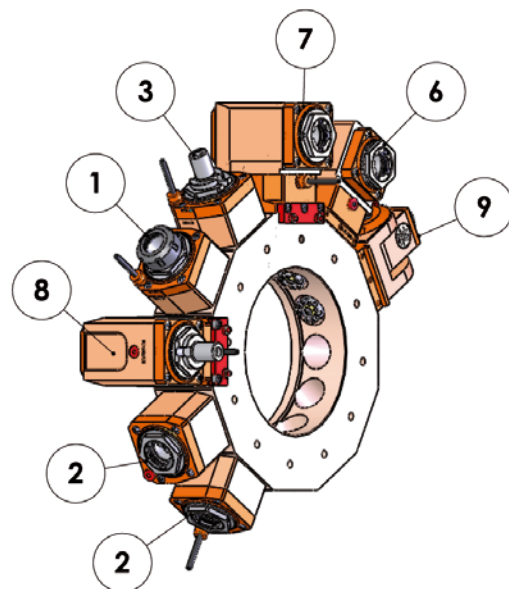
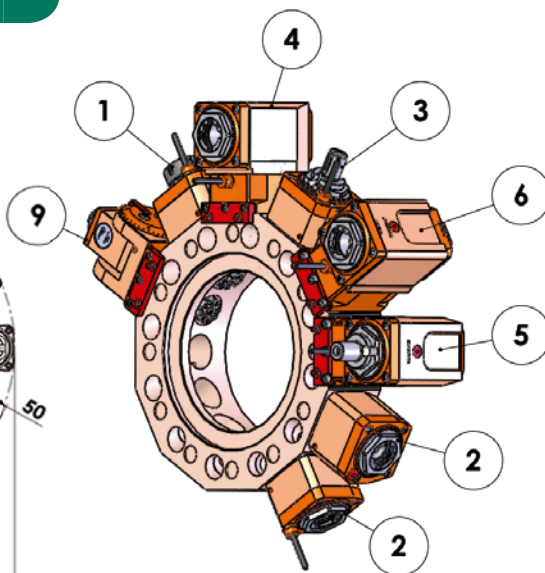
TORRETTA RADIALE / RADIALER REVOLVER TBMR 200

TBMR 200
VDI - 40

MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL

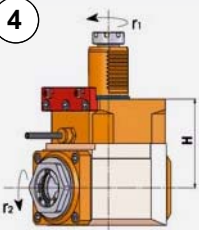
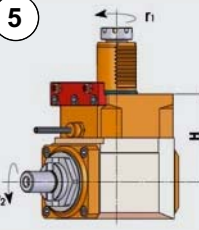
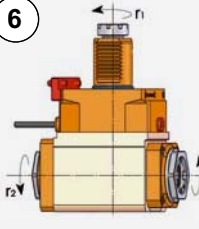
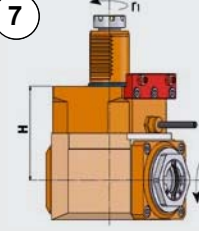
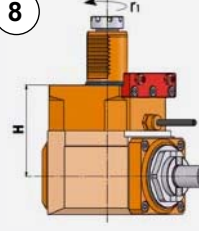
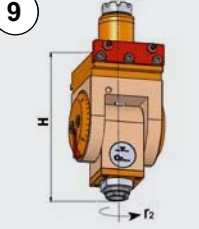


DIAMETRO ROTAZIONE
ROTATIONS DURCHMESSER / SCHWINGKREIS



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	92	38	esterna extern	05170100
2 	LT-S RADIALE RADIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	67	63	esterna extern	05170000
		ER32-F (Ø 3-20)	6000	63	1:1	80	50	int. / est. int. / ext.	05170200
3 	LT-S RADIALE RADIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	63	1:1	74	56	esterna extern	05170300

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 NUMBER
4 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	90	-	esterna extern	05170600
5 	LT-A ASSIALE AXIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	63	1:1	90	-	esterna extern	05170800
6 	LT-A ASSIALE AXIAL $r_1 = r_2$ r_1 contrario umgekehrt r_3	ER32-F (Ø 3-22)	6000	63	1:1	90	-	esterna extern	05171200
7 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER32-F (Ø 3-20)	6000	63	1:1	90	-	esterna extern	05170700
8 	LT-A ASSIALE AXIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	63	1:1	90	-	esterna extern	05170900
9 	LT-T ASSIALE AXIAL RADIALE RADIAL r_1 contrario umgekehrt r_3	ER20-F (Ø 2-16)	3000	20	1:1	151	-	esterna extern	05171500

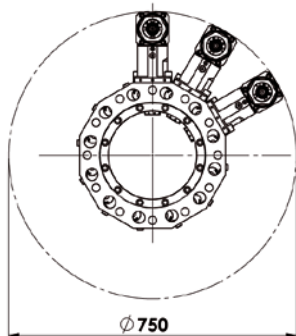
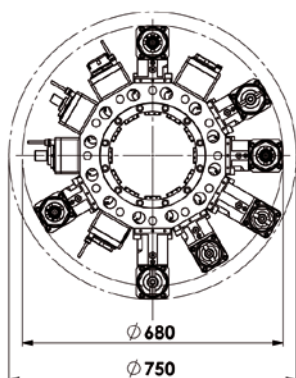
BARUFFALDI

MODELLO TORNO
MASCHINEN MODELL

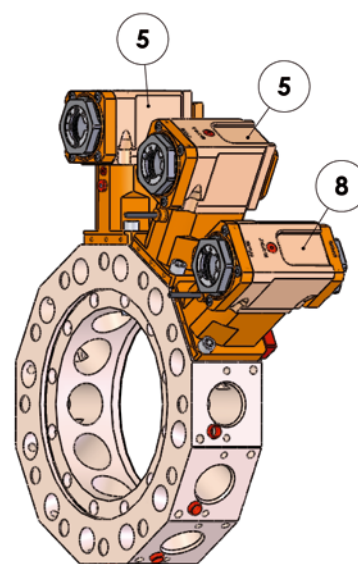
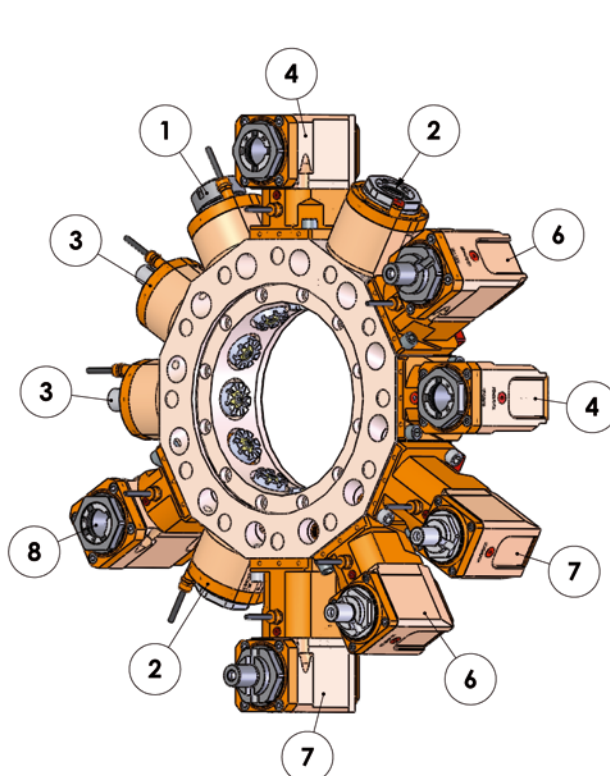
TORRETTA RADIALE / RADIALER REVOLVER TBMR 250

TBMR 250
VDI - 50

MANDRINO PRINCIPALE E SECONDARIO
HAUPTSPINDEL / GEGENSPINDEL

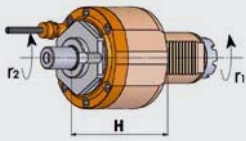
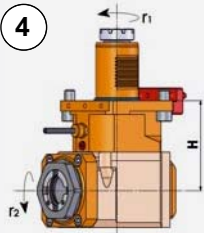
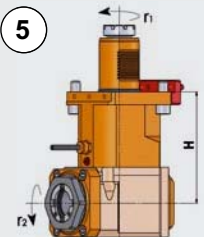
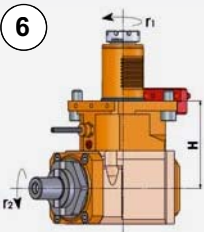
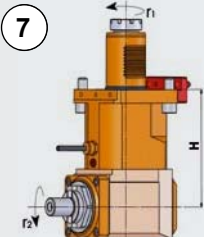
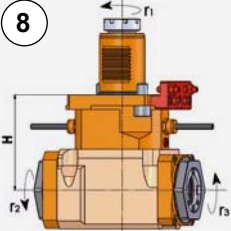


DIAMETRO ROTAZIONE
ROTATIONS-DURCHMESSER /
SCHWINGKREIS



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 $r_1 = r_2$	ER40 (Ø 4-26)	6000	120	1:1	99.5	-	esterna extern	05175000
2 	LT-S RADIALE RADIAL $r_1 = r_2$	ER40-F (Ø 4-26)	6000	120	1:1	81	-	esterna extern	05175100
		ER40-F (Ø 4-26)	6000	120	1:1	98	-	int. / est. int. / ext.	05175400

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
3 	LT-S RADIALE RADIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	80	1:1	82.5	-	esterna extern	05175200
		DIN 138-27 (Ø 27)	6000	80	1:1	84	-	esterna extern	05175300
4 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER40-F (Ø 4-26)	6000	80	1:1	105	-	esterna extern	05175600
		ER40-F (Ø4-Ø26)	6000	80	1:1	105	-	int. / est. int. / ext.	05175700
5 	LT-A ASSIALE AXIAL $r_1 = r_2$	ER40-F (Ø 4-26)	6000	80	1:1	140	-	esterna extern	05176300
		ER40-F (Ø 4-26)	6000	80	1:1	140	-	int. / est. int. / ext.	05176400
6 	LT-A ASSIALE AXIAL $r_1 = r_2$ r_1 contrario umgekehrt r_3	DIN 138-22 (Ø 22)	6000	80	1:1	105	-	esterna extern	05176000
		DIN 138-27 (Ø 22)	6000	80	1:1	105	-	esterna extern	05175800
7 	LT-A ASSIALE AXIAL $r_1 = r_2$	DIN 138-22 (Ø 22)	6000	80	1:1	140	-	esterna extern	05176700
		DIN 138-27 (Ø 27)	6000	80	1:1	140	-	esterna extern	05176500
8 	LT-A ASSIALE AXIAL $r_1 = r_2$ r_1 contrario umgekehrt r_3	ER40-F (Ø 4-26)	6000	80	1:1	105	-	esterna extern	05176200
		ER40-F (Ø 4-26)	6000	80	1:1	140	-	esterna extern	05176900