



## Ersatzteile passend für Tornos/Bechler Spare parts suitable for Tornos/Bechler

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## Spannfinger passend für Tornos Chuck lever suitable for Tornos



Art.-Nr. 1005010



Art.-Nr. 1005160



Art.-Nr. 1005090



Art.-Nr. 1005290



Art.-Nr. 1008040

Maschine Machine	Ident - Nr. Ident - No.	Art.-Nr. Art.-No.
AS 14, SAS 16 Mainspindle	12 149	1005010
Stift/Pin suitable for AS/SAS Mainsp	004770 (Dim. 37x ø6)	1005600
AS 14, SAS 16 Gripper equipm.	24 17	1005020
G 85, MR 28-32	098 099	1005240
M 10	MA 6469	1005120
M 15	B 451	1005130
M 20	J 51	1005140
M 25	C 157	1005150
M 4	MF 3549	1005040
M 4	MF 433	1005050
M 4	MF 7817	1005060
M 7	MD 265	1005070
M 7	MD 15355	1005110
M 7 verstärkt/strengthened	MD 9705	1005080
M7 mit Stopp/with stop	MA 4911	1005210
MS 7	MD 14103	1005090
MS 7 mit Stopp/with stop	MD 15825	1005100
NA 12, NA 153	098 098	1005230
R 10	5 RA 87	1005160
R 10 neu/new	5 RA 87-06	1005170
R 16	5 RB 5031	1005180
R 7	RD 4039	1005250
RR 20	RB 5105	1005190
RR 20-01	RB 5105-01	1005220
TV, T4	TV 45	1005030
<b>CNC-Machine:</b>		
ENC 164	810 965	1005200
BS 20	045 397	1005290
BS 20 8 SPR	096 900	1005300
MTH Fräseinheit/Milling-Item	4/MT 359	1005500
Delta 12/14		1005510
Gamma 20		1005360

Mainspindle=Hauptspindel - Gripper equipment=Greifereinrichtung

## Spannfinger passend für Bechler Chuck lever suitable for Bechler

Bezeichnung Designation	Durchmesser Diameter	Art.-Nr. Art.-No.
AS 7-20, AR10	3 mm	1008010
Stift/pin 3 h 6 x 32		1008020
AS 7-10, AR10	4 mm	1008040
Stift/pin 4 h 6 x 32		1008050
BR 20, BR 12		1008030

## Rollen/Rollenbolzen Roller/Rollerbolt



Art.-Nr. 4010010



Art.-Nr. 4010060



Art.-Nr. 4010110

Maschine Machine	Ident- No.	D	d	L	Art.-Nr. Art.-No.
AS / SAS Roller	AS14269	20	10	12	4010010
AS / SAS Roller	AS 1365	24	12	12	4010020
AS / SAS Rollerbolt	M8 Gew.			52	4010040
AS 14 Needle bearing*					4010070
AS 14 Roller (Einsatz-Stahl)□	AS 11337	26,5	17	15	4010030
AS 14 Roller (HSS-Material)Δ	AS 11337	26,5	17	15	4010140
AS 14 Rollerbolt	AS 11339	20	12	46	4010060
AS 14, SAS 16 Roller	086 273	24	12	12	4010260
AS 14, SAS 16 Rollerbolt	AS 1311	22	12	53	4010210
AS 14, SAS 16 Rollerbolt	086 271	19	12/10	67	4010220
AS 14, SAS 16 Rollerbolt	AS 28245	18	10	37	4010230
AS 14, SAS 16 Rollerbolt	AS 28233	16	10	33	4010250
BS 20 Roller	045 468	28,5	19	15	4010270
BS 20 Rollerbolt	049 175	12		26	4010280
SAS 16 Needle bearing*	201 280				4010090
SAS 16 Roller (HSS-Material)Δ	086 217	26,5	18	15	4010120
SAS 16 Roller/bolt/bearing**	086 217	26,5		40	4010110
SAS 16 Rollerbolt	086 704	12		40	4010080
SAS 16 Bolz with thread	086 470				4010150

\*Needle bearing/Nadellager

\*\*Rolle/Rollenbolzen/Lager(fix assembled/fertig montiert)

□Casehardening Steel

ΔHSS material as original

## Bohrstangenaufnahmen Boring bar admission

wird exakt waagrecht ausgerichtet/accurately horizontally one aligns



Art.-Nr. 4010400

Maschine Machine	d	D	Shaft	L Ges.	Art.-Nr. Art.-No.
Deco 2000	6	25	25	170	4010400
	8	25	25	170	4010410
	10	25	25	170	4010420
	12	25	25	170	4010430
	16	25	25	170	4010440
	20	25	25	170	4010450



Art.-Nr. 4030060



Art.-Nr. 4030020

## Spannmuffe Clamping sleeve

Maschine Machine	Ident- No.	D	d	L/H	Art.-Nr. Art.-No.
AS 14 / SAS 16 Subspindle *	AS 24207	40	17	24	4030060
AS 14	AS 12185-1	68	38	75	4030020
SAS 16	AS 12581	69,5	46	75	4030010
BS 20 (8-Spindler)		79,5	50	68,6	4030040
BS 20 (8-Spindler)	BS 12169-01	79,5	56	126	4030050

\* with ball bearing/mit Kugellager



Art.-Nr. (Index)

## Überwurfmutter Spindle head nut

Maschine Machine	Abmessung Dimension	Art.-Nr. Art.-No.
R 10	D 37,5 thread M33x1,25 H17	4030200
AS 14 / SAS 16	D38 thread M32x1L H15	4030210

## Spannfingerlager Clutch toggle sleeve

Maschine Machine	Ident - Nr. Ident - No.	Art.-Nr. Art.-No.
AS 14 Gripperequipment AS 14 Greifeinrichtung	AS 24197	4030070

## Druckhülse/Zangenspannbüchse Pressure sleeve/Pliers clamping cans



Art.-Nr. 4020030

Maschine Machine	Abmessung Dimension	Art.-Nr. Art.-No.
R10	22 x 26 x 90 (Collet 120E)	4030100
M 20	40 x 33 x 109,7 (Collet 145 E)	4030130
MS 7	24/22 x 18 x 85 (Collet 116E)	4030140
ENC 262/264	44x42x105 (Collet 144E)	4020030
END 164	30x30x69 (Zange 136E)	4020040



Art.-Nr. 4010300

## Bechler

## Druckhülse Pressure sleeve

Maschine Machine	Abmessung Dimension	Art.-Nr. Art.-No.
AR 10 (Zange/pliers 117 E)	24 x 20 x 62	4010300