LLANG
Werkzeuge & Maschinen

Lieferprogramm

Spannmittel und Spannfinger

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Aufteilung nach Hersteller

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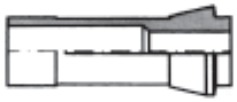
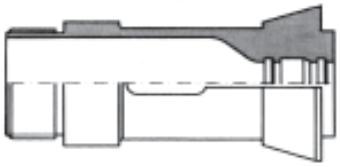
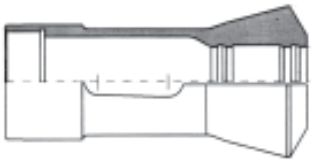
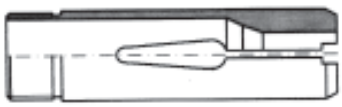
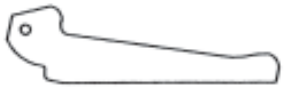
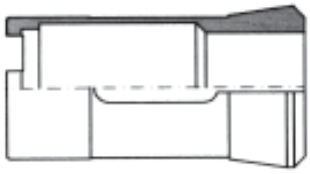
Produktübersicht

A	*Druckspannzangen ohne Gewinde*	
B	*Spannzangen mit Außengewinde*	
C	*Spannzangen mit Innengewinde*	
L	*Vorschubzangen*	
M	*Spannfinger*	
Q	*Spannzangen für Abgreifeinrichtung mit Bajonettbefestigung*	
T	*Führungsringe*	

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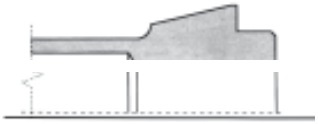
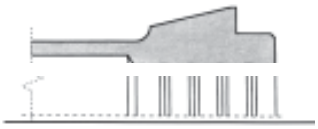
Einführung

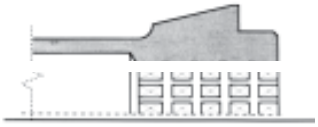
Mögliche Ausführungen der Spannbohrungen



(L) *Glatte Bohrung (Standard für Durchmesser von 1 - 6 mm)*



(R) *Bohrung mit Querrillen*

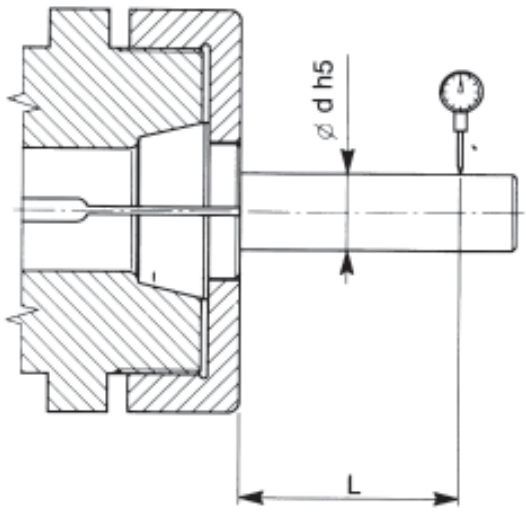


(Z) *Geriffelte Bohrung Quer- und Längsrillen*

Rundlaufgenauigkeit

Ø d	L	Standard max. Abweichung*	Erhöhte Rundlaufgenauigkeit max. Abweichung*
0,5 - 1	3	0,015	0,005
1 – 1,6	6	0,02	0,005
1,6 - 3	10	0,02	0,008
3 - 6	16	0,02	0,010
6 - 10	25	0,02	0,010
10 - 18	40	0,03	0,015
18 - 24	50	0,03	0,015
24 - 30	60	0,03	0,015
30 - 50	80	0,04	0,020
ab 50	100	0,04	0,020

** max. zulässige Rundlaufabweichung für Spannzangen*



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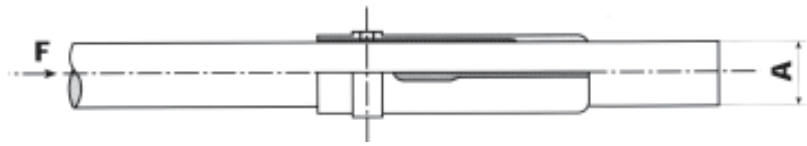
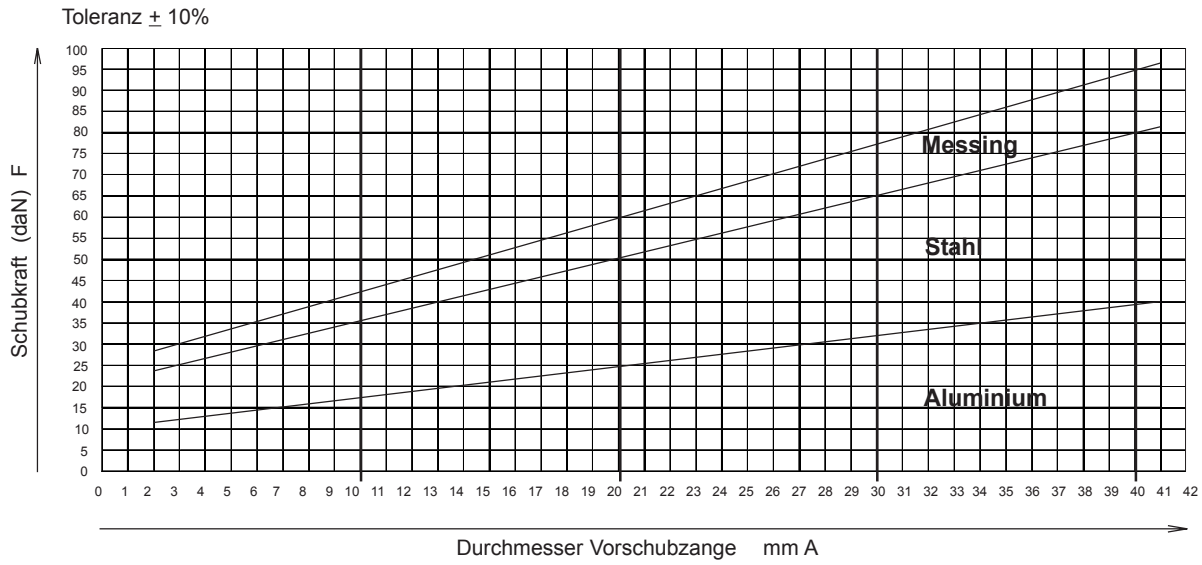
Schubkraft - Schaubild für Vorschubzange





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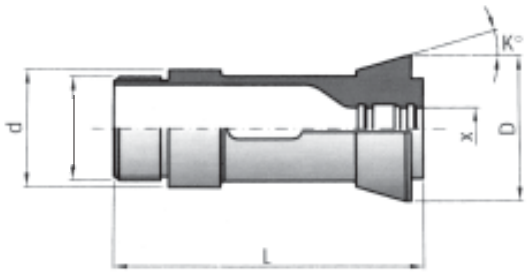
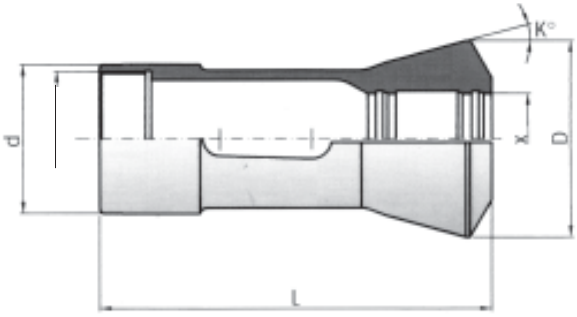
GILDEMEISTER

Spannzangen

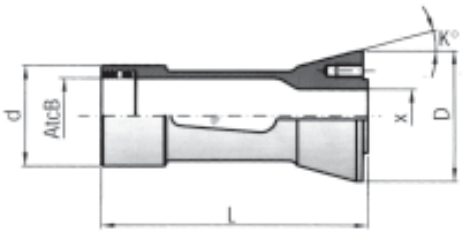
Typ B

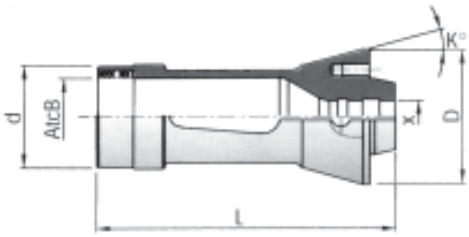


Typ C



Typ Q





Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	●	■
AS12	9013-E	26,8	34,0	88,0	15°5'	M24 x 1 links	12,0	10,0	8,0
GM16-AC GM16/6	Q1103000	30,0	39,0	80,5	15°	AtcB Ø 27,12 x 1,5 – 60°	16,0	14,0	11,0
	Q1103001	30,0	39,0	80,5	15°	AtcB Ø 27,12 x 1,5 – 60°	16,0	14,0	11,0
	Q1103002	30,0	39,0	86,5	15°	AtcB Ø 27,12 x 1,5 – 60°	9,0	8,0	8,0
AS16	9012-E	34,0	42,0	90,0	16°	M30 x 1 links	20,0	17,0	14,0
AS/GS/GM20-6	9012-E	34,0	42,0	90,0	16°	M30 x 1 links	20,0	17,0	14,0
GMC20; AS/GS/GM20-6 V.25	9017-E	38,0	45,5	90,0	16°	M34,5 x 0,75 links	25,0	22,0	17,0
AS25	9045-E	45,0	60,4	164,0	15°	M40 x 1 links	25,0	22,0	17,0
GM26 AC	Q1104101	41,0	53,0	106,0	15°	AtcB Ø 37 x 2,7 – 30°	26,0	22,0	18,0
	Q1104102	41,0	53,0	106,0	15°	AtcB Ø 37 x 2,7 – 30°	26,0	22,0	18,0
GS25 V.32	9046-E	45,0	60,4	164,0	15°	M42 x 1 links	26,0	22,0	18,0
AS28	C1104800	48,0	62,0	122,0	15°	M44 x 1,5 links	29,0	25,0	20,0
GMC35; AS/GS/GM32; GM35-6/8	9069-E	53,0	69,4	139,0	15°	M48 x 1,5 links	35,0	31,0	25,0
AS/GS/GM42-6; GMC42	9115-E	64,0	80,5	134,0	15°	M59 x 1,5 links	42,0	37,0	30,0
AS48	9132-E	70,0	90,4	167,5	15°	M65 x 1,5 links	48,0	42,0	34,0
AS55	C1107800	78,0	98,4	172,0	15°	M72 x 1,5 links	55,0	48,0	39,0
AS67	9178-E	90,0	115,4	183,5	15°	M85 x 1,5 links	63,0	55,0	45,0
AS82	9209-E	109,0	138,4	201 m	15°	M102 x 1,5 links	82,0	71,0	57,0
AS100	9239-E	128,0	160,0	263 m		M122 x 1,5 links	100,0	86,0	70,0

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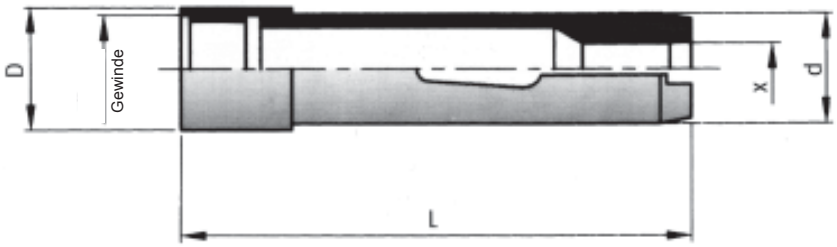
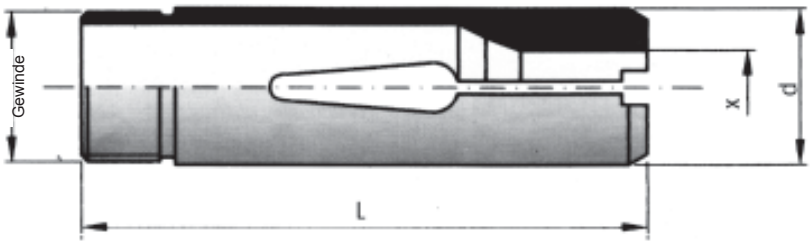
GILDEMEISTER

Vorschubzangen

Typ L



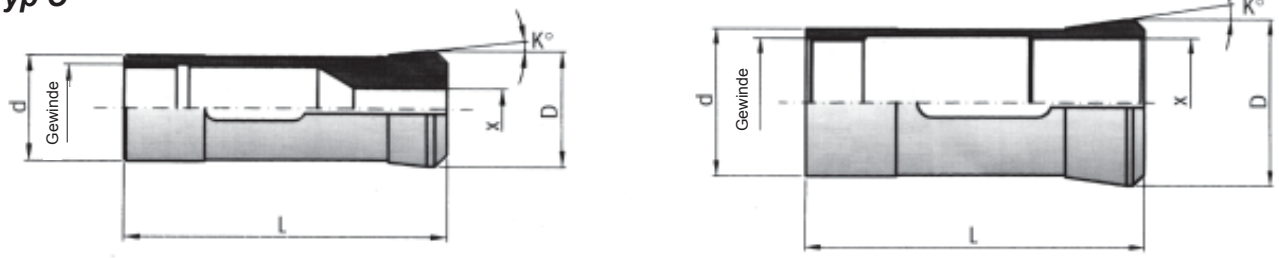


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	●	■
AS12	9259-E	17,5	19,5	82,0	---	M17 x 1	12,0	10,0	8,0
GM16; GM16-6	L1102200	20,0	22,0	86,0	---	M20 x 1	16,0	14,0	11,0
AS16; AS/GS/GM20-6	9258-E	25,0	25,0	90,0	---	M24 x 1	20,0	17,0	14,0
GMC20; AS/GS/GM20 d.25	9288-E	30,0	30,5	90,0	---	M28,5 x 0,75	25,0	22,0	17,0
AS25	9287-E	32,5	33,0	140,0	---	M30 x 1 links	25,0	21,0	17,0
GM26 AC	L1103140	30,5	31,4	108,0	---	M29,5 x 0,75 links	26,0	22,0	18,0
GS25 V.32	L1103850	37,5	38,5	140,0	---	M36 x 1	32,0	28,0	23,0
AS28	L1103600	35,0	36,0	92,0	---	M34 x 1 links	29,0	25,0	20,0
	L1103601	35,0	36,0	120,0	---	M34 x 1 links	29,0	25,0	20,0
AS32-6	9316-E	39,8	41,2	136,0	---	M38 x 1,5 links	32,0	28,0	23,0
GM32-6	9336-E	39,8	41,2	136,0	---	M38 x 1,5	32,0	28,0	23,0
GM35-6	9335-E	41,0	41,2	136,0	---	M39 x 1 links	35,0	31,0	25,0
GM35-6; GM35-8	9335-E	41,0	41,2	136,0	---	M39 x 1	35,0	31,0	25,0
AS/GS/GM42-6	9374-E	50,2	51,5	136,0	---	M48 x 1,5	42,0	37,0	30,0
AS48	9368-E	56,0	57,0	160,0	---	M54 x 1,5 links	48,0	42,0	34,0
AS55	L1106450	63,0	64,5	150,0	---	M62 x 1,5 links	55,0	48,0	39,0
AS67	9447-E	76,0	77,5	170,0	---	M74 x 1,5 links	67,0	58,0	47,0
AS82	9475-E	93,0	94,0	180,0	---	M88 x 1,5 links	82,0	71,0	57,0
AS100	9483-E	113,0	114,0	235,0	---	M108 x 1,5 links	100,0	86,0	70,0

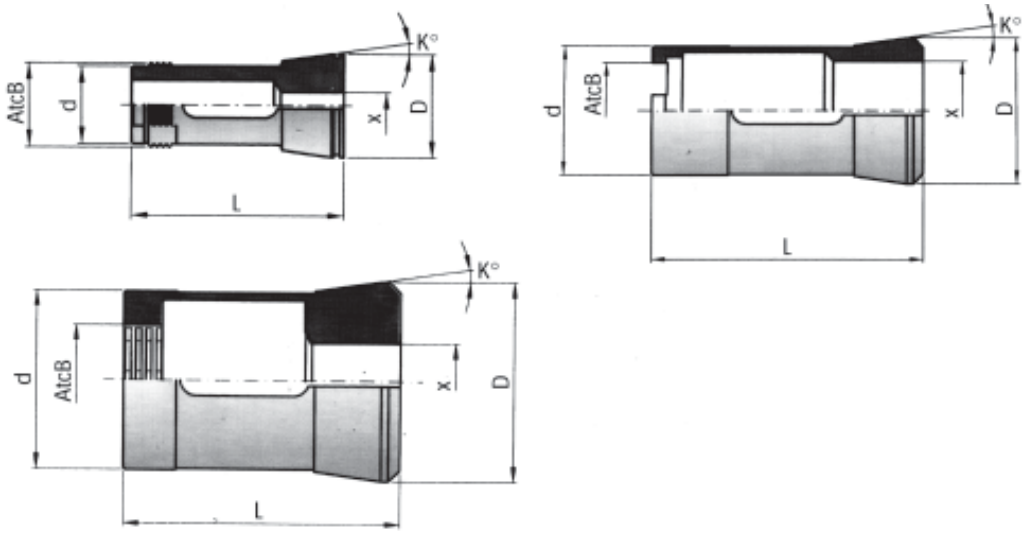
GILDEMEISTER

Abgreifzangen

Typ C



Typ Q



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬣	■
AS12	C1101580	15,8	22,0	85,0	5°	M13 x 0,75 links	12,0	11,0	8,0
GM16	Q0001870	18,7	25,0	51,5	8°	AtcB Ø 21 x 1,5 60°	16,0	14,0	11,0
AS16; AS/GS/GM20-6	C1102600	26,0	28,5	80,0	6°	M21,5 x 0,75	20,0	17,0	14,0
	C0002800	28,0	32,0	64,0	8°	M24 x 1,5 links	---	--	---
GMC20	Q0002800	28,0	32,0	68,0	8°	AtcB Ø 24,8 x 2,7 30°	24,5	21,0	17,0
GS25 V.32	C1103701	37,0	45,0	78,0	15°	M30 x 1,5	32,0	28,0	22,0
GM26-AC	Q0002870	28,7	35,0	64,5	8°	AtcB Ø 31 x 1,5 60°	26,0	22,0	18,0
AS32	C1102800	28,0	43,0	66,0	15°	M20 x 1,5 links	32,0	28,0	22,0
	C1103000	30,0	34,7	63,0	15°	M20 x 1,5	24,0	21,0	17,0
	C1103500	35,0	43,1	73,0	15°	M28 x 1,5	29,0	25,0	21,0
	C1103802	38,0	43,1	80,0	15°	M24 x 1,5	32,0	28,0	22,0
AS32; GM32-35-6	C0003900	39,0	44,0	90,0	8°	M34 x 1 links	32,0	28,0	23,0
	C0003901	39,0	44,0	90,0	8°	M34 x 1 links	32,0	28,0	23,0
GM32-35-6/8	Q0003900	39,0	44,0	82,0	8°	AtcB 11 x 4	32,0	28,0	23,0
GMC35	Q0003901	39,0	44,0	82,0	8°	AtcB 11 x 4	32,0	28,0	23,0
AS/GS/GM42-6	Q0004700	47,0	52,5	73,0	8°	AtcB Ø 29 x 2,7 30°	42,0	36,0	29,0
	Q0004701	47,0	52,5	73,0	8°	AtcB Ø 29 x 2,7 30°	42,0	36,0	29,0
AS48	C1104000	40,0	72,1	111,0	15°	M32 x 1,5	48,0	42,0	34,0
	9046-E	45,0	60,4	164,0	15°	M40 x 1,5 links	26,0	22,0	18,0
	C1104502	45,0	65,1	90,0	15°	M28 x 1,5	48,0	42,0	34,0
	C0005600	56,0	60,0	95,0	8°	M51 x 1 links	48,0	42,0	34,0
AS67	C1104504	45,0	90,1	100,0	15°	M28 x 1,5	67,0	58,0	47,0

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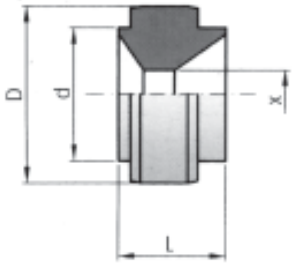
GILDEMEISTER

Pinolenzangen

Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
AS12	A1101200	12,0	18,0	44,5	15°	---	10,0	8,0	7,0
AS16-20 V.25-6	A1102000	20,0	26,0	60,0	15°	---	20,0	---	---
GM20 V.25-6	B1101400	14,0	17,0	76,0	15°	M14 x 1	10,0	---	---

Führungsbüchsen

Typ T

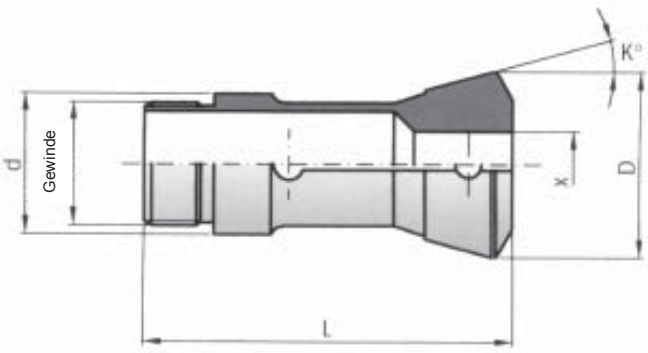


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
AS12	T1101900	19,0	---	10,0	---	---	12,0	11,0	8,0
GM16-AC	T1101851	16,0	18,5	18,0	---	---	13,0	10,0	9,0
	T1101850	18,5	---	12,0	---	---	16,0	14,0	11,0
AS16	T1102850	28,5	---	10,0	---	---	25,0	22,0	18,0
AS/GS/GM20-6	---	---	---	---	---	---	---	---	---
AS16	T1102851	25,0	28,5	25,0	---	---	20,0	17,0	14,0
AS/GS/GM20-6	---	---	---	---	---	---	---	---	---
Lader					---	---			
AS25	T1103020	26,3	30,2	8,0	---	---	25,0	22,0	18,0
	T1104381	33,0	43,8	27,0	---	---	25,0	22,0	18,0
GS25 V.32	T1103600	32,5	36,0	44,0	---	---	32,0	27,0	22,0
GM26-AC	T1103203	32,0	37,5	36,0	---	---	26,0	22,0	18,0
AS32	T1103590	32,7	35,9	9,0	---	---	32,0	27,0	22,0
	T1104380	33,0	43,8	27,0	---	---	32,0	27,0	22,0
GM32/6	T1104001	40,0	47,8	43,0	---	---	32,0	27,0	22,0
GM35/6	T1104201	42,0	47,8	43,0	---	---	35,0	30,0	24,0
AS/GS/GM42-6	T1104700	47,0	52,0	43,0	---	---	42,0	36,0	29,0
AS48	T1105190	49,7	51,9	16,0	---	---	48,0	42,0	34,0
	T1105750	49,0	57,5	35,0	---	---	48,0	42,0	34,0
AS67	T1107200	67,9	72,0	17,5	---	---	67,0	58,0	47,0
	T1107201	68,7	72,0	23,0	---	---	67,0	58,0	47,0
	T1108000	68,0	80,0	52,0	---	---	67,0	58,0	47,0
AS80	T1108610	83,5	86,1	28,0	---	---	80,0	69,0	56,0
	T1109150	83,0	91,5	62,0	---	---	80,0	69,0	56,0

SCHÜTTE

Spannzangen

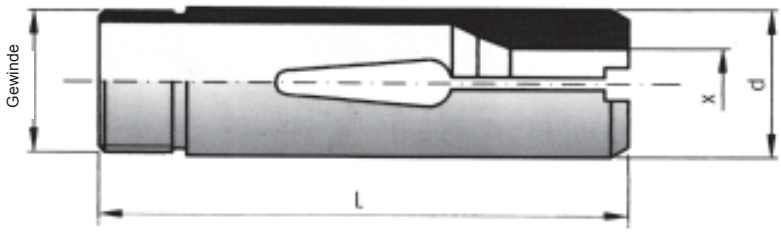
Typ B



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
SF13	9015-E	25,0	36,1	75,0	15°10'	M22 x 1 links	13,0	11,0	9,0
SE16; SE18	9007-E	31,9	42,0	84,0	15°	M28 x 1 links	18,0	16,0	13,0
SG18	90076 H	31,9	42,0	84,0	15°	M28 x 1 links	18,0	16,0	13,0
AG20 SG18 erweitert	90078 H	32,0	41,5	84,0	15°10'	M29 x 1 links Kegel 1:8	21,0	18,0	14,0
SF20	9016-E	32,0	41,5	84,0	15°	M30 x 1 links	20,0	17,0	14,0
VD/SD/SE25; AF/SF26	9049-E	46,0	60,3	120,0	15°	M40 x 1,5 links	26,0	23,0	18,0
SD/VD32 ; AF/SF32	9070-E	53,0	69,3	136,5	15°	M47 x 1,5 links	32,0	28,0	23,0
AD40 ; SF42	9112-E	62,9	78,3	157,0	15°	M56 x 1,5 links	42,0	36,0	29,0
SD/VD50 ; AF/SF51	9139-E	75,0	97,8	187,0	15°	M68 x 1,5 links	51,0	44,0	36,0
SD/VD63	9179-E	90,0	115,3	212,0	15°	M82 x 1,5 links	63,0	55,0	45,0
SD/VD80 ; AF/SF81	9210-E	109,0	138,0	241,0	15°	M100 x 1,5 links	80,0	70,0	57,0

Vorschubzangen

Typ L

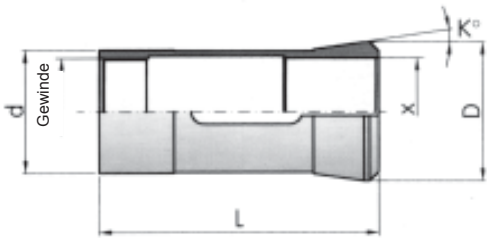


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
SF13	9261-E	17,0	19,6	77,0	---	M18 x 1	13,0	11,0	9,0
SE16; SE18	9255-E	23,0	25,0	88,0	---	M23 x 1	18,0	16,0	13,0
SF20	9262-E	25,0	27,0	88,0	---	M25 x 1	20,0	17,0	14,0
VD/SD/SE25	9282-E	33,0	37,0	118,0	---	M33 x 1,5	26,0	23,0	18,0
AF/SF26	9282-E	33,0	35,0	118,0	---	M33 x 1,5	26,0	23,0	18,0
SD/VD32 ; AF/SF32	9319-E	40,0	43,0	130,0	---	M38 x 1,5	32,0	28,0	23,0
AD40; SF42	9372-E	48,0	51,0	158,0	---	M48 x 1,5	42,0	36,0	29,0
SD/VD50	9406-E	58,0	62,0	180,0	---	M58 x 1,5	51,0	44,0	36,0
SD/VD63	9450-E	72,0	77,0	210,0	---	M72 x 1,5 links	63,0	55,0	45,0
SD/VD80 ; AF/SF81	9474-E	90,0	92,8	238,0	---	M88 x 1,5 links	80,0	70,0	57,0

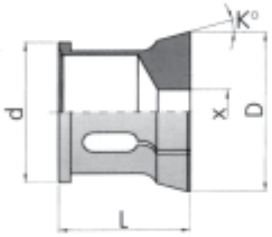
SCHÜTTE

Abgreifzangen

Typ C



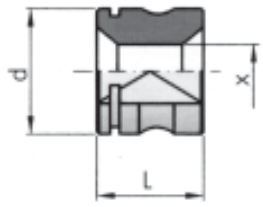
Typ A

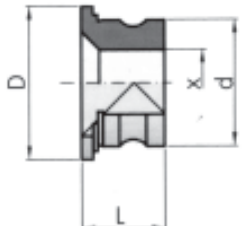


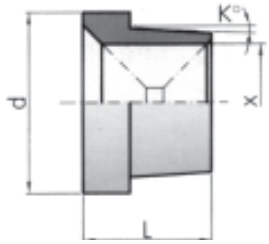
Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬣	■
SE16	3540-E	25,0	35,1	58,0	15°	M18 x 1,5 links	18,0	16,0	13,0
SG18; AG20	Q2202500	25,0	32,1	91,5	15°10'	---	18,5	16,0	13,0
SE16; SE25	C0002800	28,0	32,0	64,0	8°	M24 x 1,5 links	23,0	20,0	16,0
SF20	3607-E	28,0	36,0	53,0	15°10'	M24 x 1,5 links	22,0	19,0	16,0
SE25	3722-E	32,0	46,0	71,0	15°	M22 x 1,5 links	26,0	23,0	18,0
	Q0003550	35,5	40,0	80,0	8°10'	AtcB Ø 27 x 2,7 30°	32,0	27,0	22,0
SD32	3790-E	39,0	51,0	81,0	15°	M26 x 1,5 links	32,0	28,0	23,0
	3790-E	39,0	44,0	90,0	8°	M34 x 1 links	32,0	28,0	23,0
AD40 ; SF42	1700-E	52,0	60,5	60,0	15°15'	---	40,0	35,0	28,0
SF/AF32	C2205400	54,0	60,5	66,5	15°10'	M24 x 1,5 links	45,0	38,0	31,0
	C0003900	39,0	44,0	90,0	8°	M34 x 1 links	32,0	28,0	23,0
SD50 ; VD50 ; SF51	C2205600	56,0	77,0	83,0	15°	M32 x 1,5 links	50,0	43,0	35,0
	1777-E	63,0	71,6	60,0	15°10'	---	50,0	44,0	36,0
	C0005600	56,0	60,0	95,0	8°	M51 x 1 links	48,0	42,0	34,0
SD63	Q0007500	75,0	86,0	150,0	7°30'	AtcB 21 x 4	68,0	59,0	22,0

Führungsbüchsen

Typ T



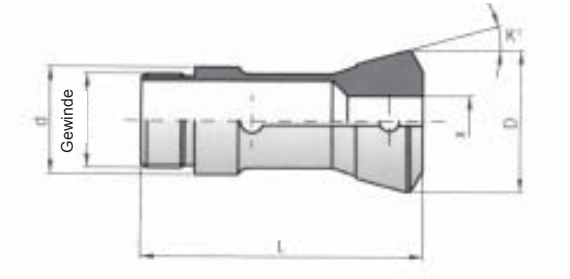




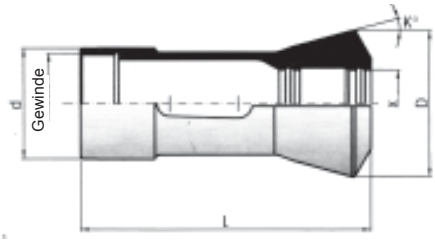
Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬣	■
SE16	T2202800	28,0	---	24,0	---	---	18,0	16,0	13,0
SF20	T2202801	28,0	---	22,0	---	---	20,0	17,0	14,0
SE25	T2203800	38,0	---	28,0	---	---	26,0	22,0	18,0
SD25	T2203801	38,0	46,0	25,0	---	---	26,0	22,0	18,0
SF/AF26	T2204001	40,0	---	28,0	---	---	32,0	27,0	24,0
VD32	T2204000	40,0	---	28,0	---	---	32,0	27,0	22,0
SD32	T2203900	39,0	48,8	29,0	---	---	32,0	27,0	22,0
	T2204600	46,0	53,0	30,0	---	---	32,0	27,0	22,0
AD40 ; SF42	T2205000	50,0	54,0	33,0	---	---	42,0	36,0	30,0
	T2205200	52,0	---	36,0	---	---	42,0	36,0	30,0
	T2206180	50,8	61,8	44,0	---	---	42,0	36,0	30,0
SD/VD50 ; SF51	T2206500	65,0	75,0	35,0	---	---	51,0	44,0	36,0
SD63	T2208500	85,0	---	35,0	---	---	63,0	55,0	45,0

MORI SAY

Spannzangen

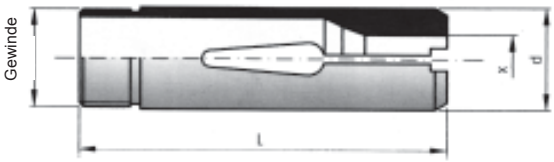


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
6/32; 8/32	9070-E	53,0	69,3	136,5	15°	M47 x 1,5 links	32,0	28,0	23,0
6/32 M; 8/42	9112-E	62,9	78,3	157,0	15°	M56 x 1,5 links	42,0	36,0	29,0

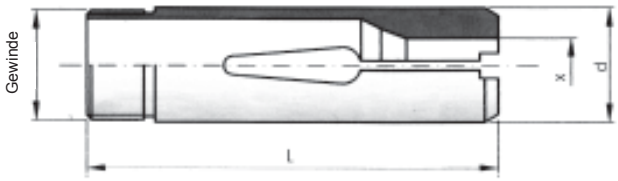


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
6/20	9012-E	34,0	42,0	90,0	16°	M30 x 1 links	20,0	17,0	14,0
6/32; 8/32	9069-E	53,0	69,4	139,0	15°	M48 x 1,5 links	35,0	31,0	25,0

Vorschubzangen



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
6/32; 8/32	9319-E	40,0	43,0	130,0	---	M38 x 1,5	32,0	28,0	23,0
6/32 M; 8/42	9372-E	48,0	51,0	158,0	---	M48 x 1,5	42,0	36,0	29,0

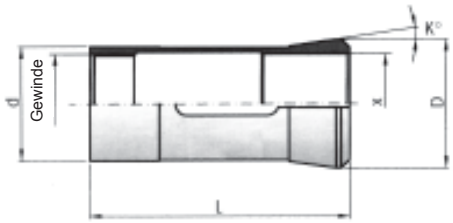


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
6/20	9258-E	25,0	25,0	90,0	---	M24 x 1	20,0	17,0	14,0
6/32; 8/32	9316-E	39,8	41,2	136,0	---	M38 x 1,5 links	32,0	28,0	23,0

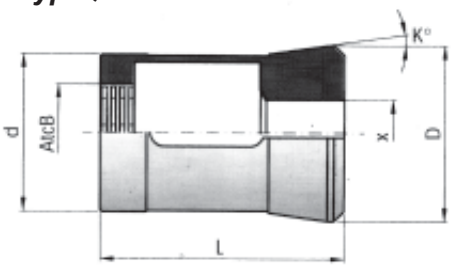
MORI SAY

Abgreifzangen

Typ C



Typ Q



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
6/20	C0002800	28,0	32,0	64,0	8°	M24 x 1,5 links	---	---	---
6/32; 8/32	Q0003550	35,5	40,0	80,0	8°	AtcB Ø 27 x 2,7 30°	32,0	27,0	22,0
6/32 M; 8/42	Q0004700	47,0	52,5	73,0	8°	AtcB Ø 29 x 2,7 30°	42,0	36,0	29,0

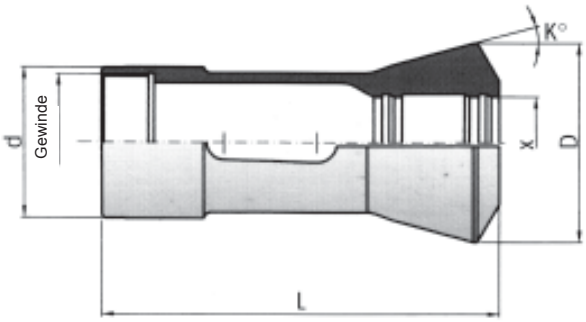
Führungsbüchsen

Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
6/32; 8/32	R220150 – 2060E6	---	36,0	18,0	---	---	32,0	27,0	22,0
6/32 M; 8/42	R220150 – 2060E29	---	46,0	18,0	---	---	42,0	36,0	29,0

WICKMAN

Spannzangen

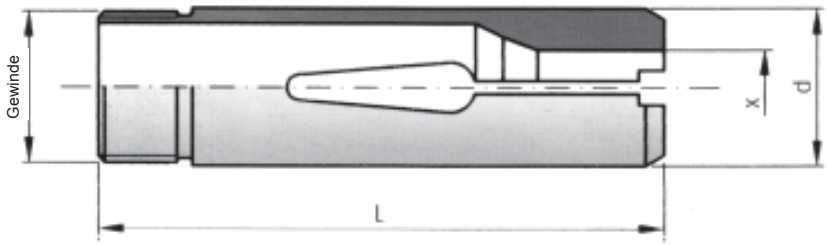
Typ C



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
5/8'' – 6M	9014-E	29,4	38,1	92,1	15°	Ø 26,2 x 24 fil'' links	16,0	14,0	11,0
1'' – 6M	9034-E	41,3	54,5	132,0	15°	Ø 37,8 x 24 fil'' links	25,0	22,0	18,0
1'' – V.30	C1204920	49,21	60,72	110,0	15°	M44,2 x 1 links	30,0	26,0	21,0
32MM – 8MC	C2505070	50,72	63,57	109,5	15°	Ø 46,0375 x 18 fil''	31,0	27,0	22,0
1''3/8 – 6M	9072-E	55,47	67,0	117,0	15°	Ø 50,927 x 22 fil''	36,0	31,0	25,0
1''3/4 – 6M	9111-E	64,21	78,5	127,0	15°	Ø 60,45 x 16 fil''	44,0	38,0	31,0
2''1/4 – 6M	9142-E	76,86	95,5	181,0	15°	Ø 72,46 x 22 fil'' links	57,0	49,0	40,0
2''1/4 – 5M	C1207770	77,72	89,0	152,5	15°	Ø 73,02 x 16 fil''	57,0	49,0	40,0
2''5/8 – 6M	C1209200	92,07	111,0	165,0	15°	Ø 85,72 x 18 fil''	66,0	57,0	46,0
3''1/4 – 6M	C1210600	106,36	127,0	196,85	15°	Ø 100,81 x 16 fil''	89,0	77,0	63,0

Vorschubzangen

Typ L

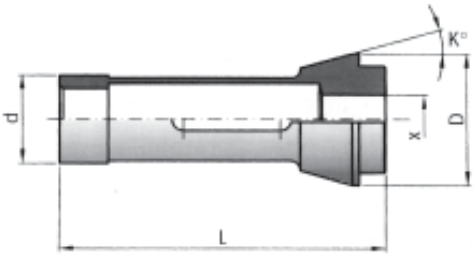


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
5/8'' – 6M	9260-E	20,6	21,6	85,7	---	Ø 19,68 x 24 fil'' links	16,0	14,0	11,0
1'' – 6M	9276-E	31,0	31,9	133,0	---	Ø 30,07 x 24 fil'' links	25,0	22,0	18,0
1'' – V.30	L1203810	37,4	38,0	114,3	---	Ø 35 x 1 fil'' links	30,0	26,0	21,0
32MM – 8M	L2503960	38,9	39,6	120,0	---	Ø 36,1 x 24 fil'' links	31,0	27,0	22,0
1''3/8 – 6M; 1''3/8 – 5M	9318-E	41,5	42,84	118,0	---	Ø 40,46 x 22 fil'' links	36,0	31,0	25,0
1''3/4 – 6M ; 1''3/4 – 5M	9362-E	51,5	52,21	127,0	---	Ø 49,98 x 22 fil'' links	44,0	38,0	31,0
2''1/4 – 6M	9409-E	64,3	65,1	171,5	---	Ø 62,509 x 22 fil'' links	57,0	49,0	40,0
2''1/4 – 5M	L1206511	64,3	65,1	139,7	---	Ø 62,7 x 22 fil'' links	57,0	49,0	40,0
2''5/8 – 6M	L1207600	74,0	76,0	179,0	---	Ø 73 x 24 fil'' links	66,0	47,0	46,0
3''1/4 – 6M	L1209200	90,5	92,07	184,5	---	Ø 88,9 x 22 fil'' links	89,0	77,0	63,0

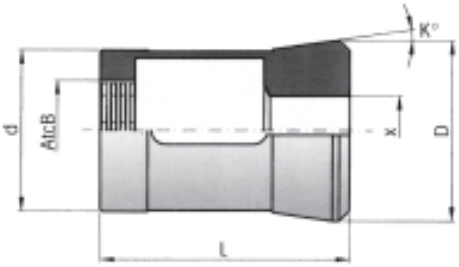
WICKMAN

Abgreifzangen

Typ A



Typ Q



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
5/8'' – 6M	A1201900	19,04	25,4	55,56	15°	---	14,0	12,0	10,0
1'' – 6M	A1202540	25,4	38,0	94,0	15°30''	---	20,0	17,0	14,0
	Q0003550	35,5	40,0	80,0	8°	AtcB Ø 27 x 2,7 30°	32,0	27,0	22,0
	Q0003551	35,5	40,0	80,0	8°	AtcB Ø 27 x 2,7 30°	32,0	27,0	22,0
1''3/8; 1''3/4	A1203960	39,67	65,0	122,0	15°	---	33,0	29,0	23,0
	Q0004700	47,0	52,5	73,0	8°	AtcB Ø 29 x 2,7 30°	42,0	36,0	29,0
	Q0004701	47,0	52,5	73,0	8°	AtcB Ø 29 x 2,7 30°	42,0	36,0	29,0

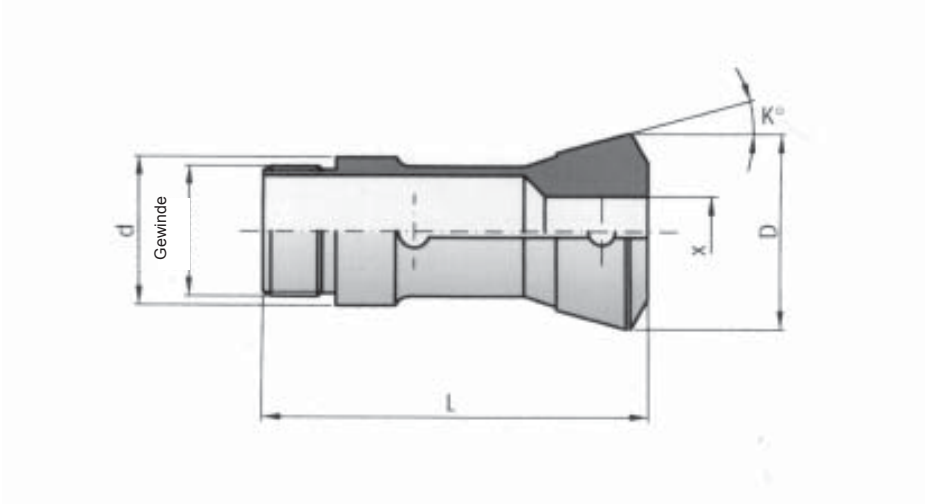
Führungsbüchsen

Typ T

Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
5/8'' – 6M	T1202850	28,5	---	19,0	---	---	16,0	14,0	11,0
1'' – 6M	T1203020	30,2	41,0	16,0	---	---	25,0	22,0	18,0
	T1203490	34,9	42,0	25,5	---	---	25,0	22,0	18,0
1''3/8 5-6M	T1204445	44,45	49,21	26,98	---	---	36,0	31,0	25,0
1''3/4 5-6M	T1205080	50,8	58,7	28,5	---	---	44,0	38,0	31,0
2''1/4 5-6M	T1206660	66,67	77,5	43,0	---	---	57,0	49,0	40,0

Spannzangen

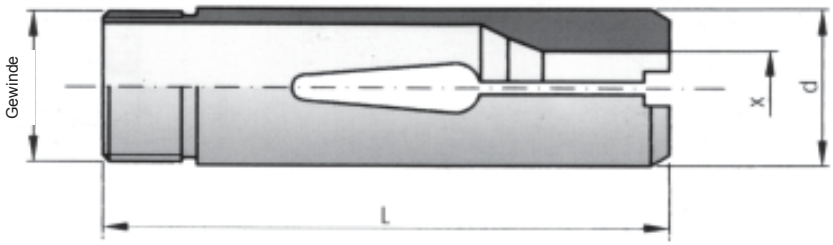
Typ B



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
KS/MS25	9039-E	46,0	60,5	112,0	15°	M40 x 1,5 links	26,0	23,0	18,0
KS32	9070-E	53,0	69,3	129,0	15°	M47 x 1,5 links	32,0	28,0	23,0
KS42	9108-E	62,0	82,4	180,0	15°	M58 x 1,5 links	42,0	36,0	30,0
KS50	9133-E	70,0	92,0	157,0	15°	M65 x 2 links	50,0	43,0	35,0

Vorschubzangen

Typ L

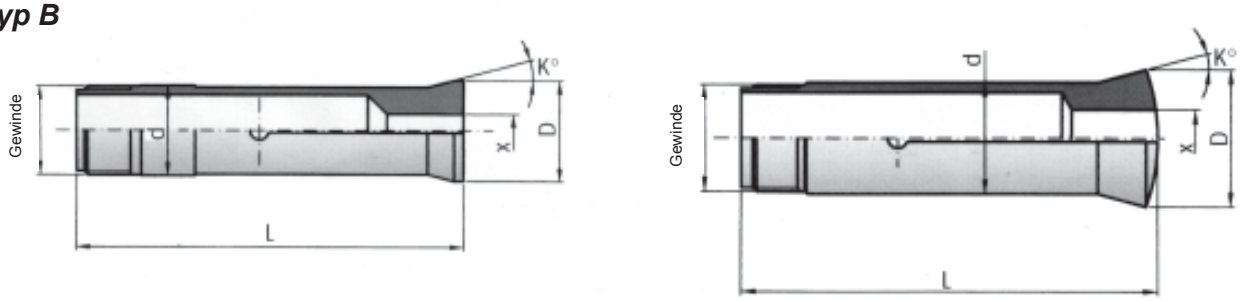


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
KS/MS25	9282-E	33,0	37,0	118,0	---	M33 x 1,5	26,0	23,0	18,0
KS32	9319-E	40,0	43,0	130,0	---	M38 x 1,5	32,0	28,0	23,0
KS42	9364-E	50,0	54,0	170,0	---	M50 x 1,5 links	42,0	36,0	30,0
KS50	9402-E	57,0	60,0	156,0	---	M57 x 2 links	50,0	43,0	35,0

DAVENPORT

Spannzangen

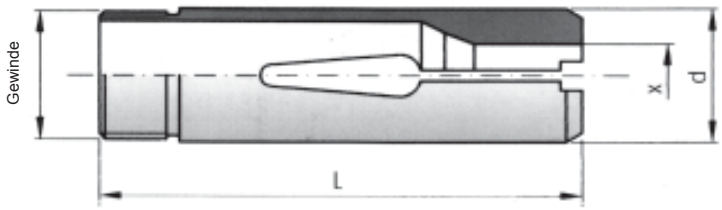
Typ B



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
9/16''	B2902690	26,95	30,19	114,3	15°	Ø 26,53 x 16 fil''	13,0	11,0	9,0
3/4''	B2903100	31,01	38,15	114,3	15°	Ø 29,72 x 16 fil''	19,0	16,0	13,0
11/16''	B2903101	31,01	38,15	114,0	15°	Ø 29,72 x 16 fil''	19,0	16,0	13,0

Vorschubzangen

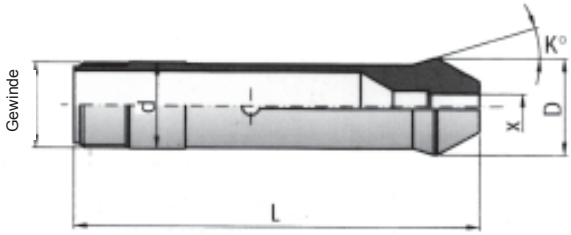
Typ L



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
9/16''	L2902060	20,6	20,6	87,3	---	Ø 17,95 x 20 fil''	13,0	11,0	9,0
3/4''	L2902510	25,14	25,14	94,8	---	Ø 23,84 x 32 fil''	19,0	16,0	13,0
11/16''	L2902511	25,14	25,14	95,4	---	Ø 23,84 x 32 fil''	19,0	16,0	13,0

Abgreifzangen

Typ B

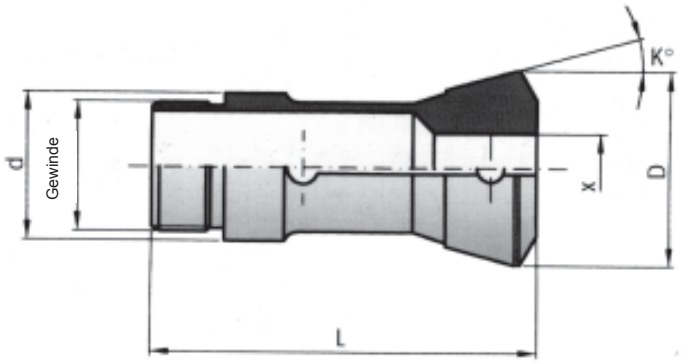


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
9/16''; 3/4''; 11/16''	B2902691	26,95	30,0	124,0	15°	Ø 26,53 x 16 fil'' links	21,0	18,0	15,0

PITTLER

Spannzangen

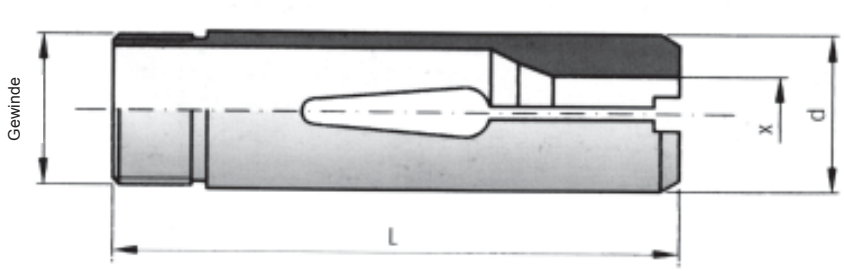
Typ B



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
PRB/PRC32	9067-E	52,24	64,7	152,0	15°	Ø 46 x 20 fil'' links	32,0	27,0	22,0
PRB/PRC50	9141-E	76,70	95,65	180,17	15°	Ø 67,86 x 16 fil'' links	50,0	43,0	35,0

Vorschubzangen

Typ L

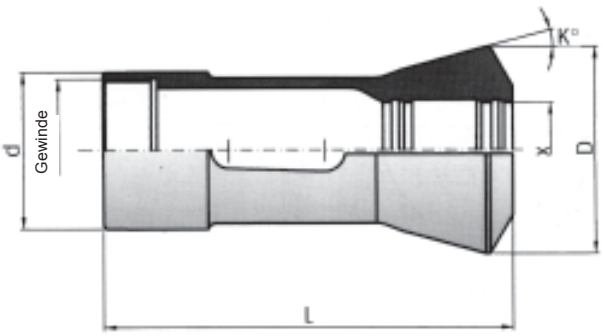


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
PRB/PRC32	9285-E	38,0	39,5	168,0	---	Ø 36,5 x 20 fil'' links	32,0	27,0	22,0
PRB/PRC50	9405-E	59,0	63,5	172,24	---	Ø 58,74 x 24 fil'' links	50,0	43,0	35,0

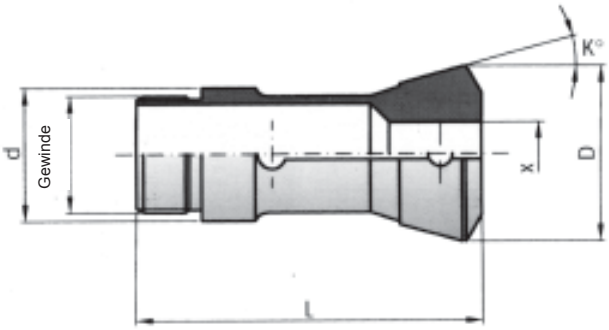
GRIDLEY

Spannzangen

Typ C



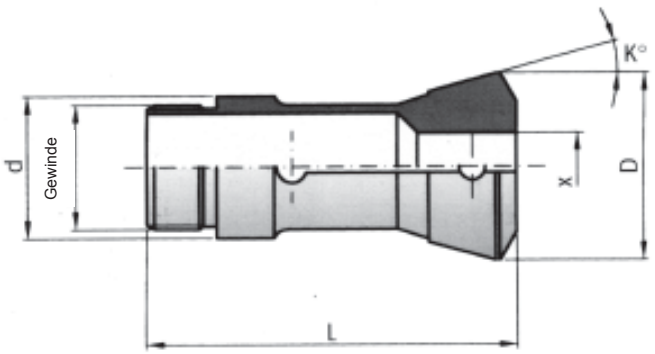
Typ B



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
7/16''	C2602370	23,77	29,3	78,6	15°	Ø 20,64 x 32 fil'' links	11,0	10,0	8,0
9/16''	C2602930	29,36	35,7	105,5	15°	Ø 25,4 x 20 fil'' links	14,0	12,0	10,0
1''	B2604420	44,2	54,2	140,0	12°30'	Ø 39,68 x 18 fil'' links	25,0	22,0	18,0
1''1/4	9067-E	52,24	64,7	152,0	15°	Ø 46 x 20 fil'' links	32,0	27,0	22,0
1''5/8	B2606320	63,25	73,0	162,0	12°35'	Ø 55,5 x 16 fil'' links	41,0	35,0	29,0

Vorschubzangen

Typ L

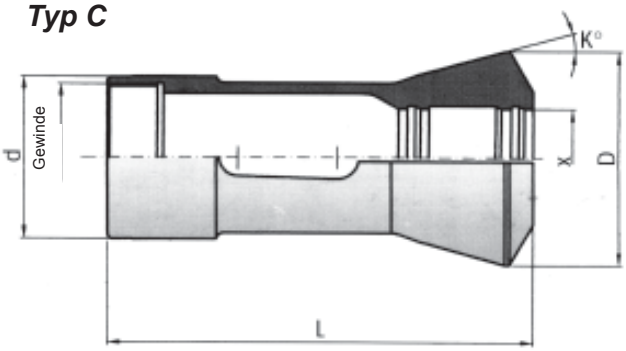


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
7/16''	L2601680	15,8	16,8	73,4	---	Ø 15,08 x 32 fil'' links	11,0	10,0	8,0
9/16''	L2601980	18,0	19,84	70,0	---	Ø 17,46 x 32 fil'' links	14,0	12,0	10,0
1''	L2603480	32,0	34,8	136,0	---	Ø 31,75 x 20 fil'' links	25,0	22,0	18,0
1''1/4	9285-E	38,0	39,5	168,0	---	Ø 36,5 x 20 fil'' links	32,0	27,0	22,0
1''5/8	L2605230	47,63	52,0	152,4	---	Ø 47,62 x 20 fil'' links	41,0	35,0	29,0

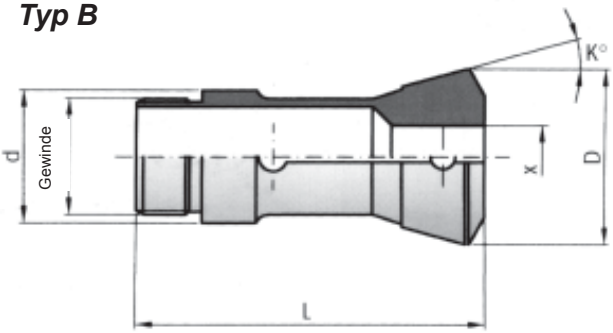
TORNOS

Spannzangen

Typ C



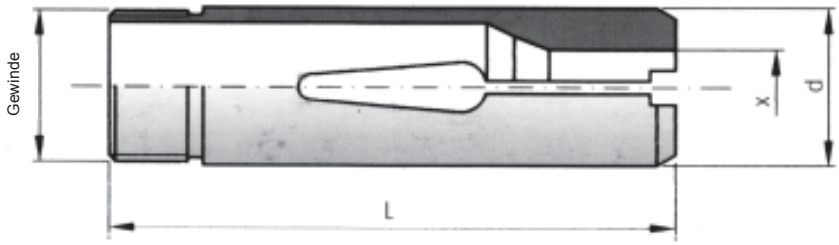
Typ B



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
AS14	9001-E	25,0	35,0	75,0	15°	M22 x 1	14,0	11,0	9,0
SAS16	9021-E	25,0	35,0	94,0	15°30'	M25 x 1	16,0	14,0	11,0
BS20B	9020-E	36,0	45,0	107,0	15°30'	M33 x 1,25	20,0	17,0	14,0
Multi DECO 26/6	B1304600	46,0	60,3	120,0	15°	M40 x 1,5 links	26,0	22,0	18,0

Vorschubzangen

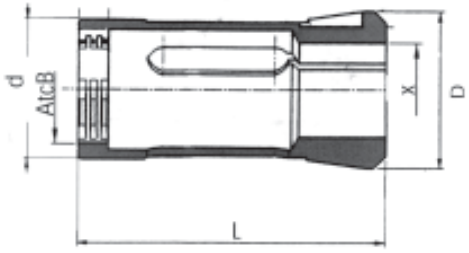
Typ L



Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
AS14	9251-E	17,5	18,0	70,0	---	M16 x 0,75	14,0	11,0	9,0
SAS16	9265-E	20,5	22,8	98,0	---	M20 x 0,75	16,0	14,0	11,0
BS20B	9266-E	25,3	27,7	116,0	---	M25 x 1	20,0	17,0	14,0

Abgreifzangen

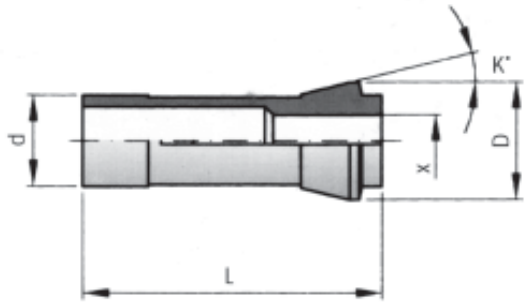
Typ Q

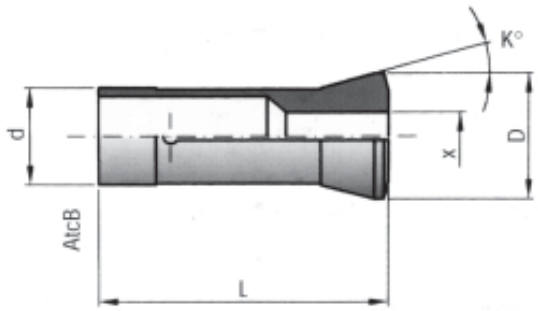


Maschine	Art.	d	D	L	K°	Gewinde	X max		
							●	⬢	■
Multi DECO 26,6	Q0003550	35,5	40,0	80,0	8°	AtcB Ø 27 x 2,7 30°	32,0	27,0	22,0

Spannzangen für Einspindel-Drehautomaten

Typ A

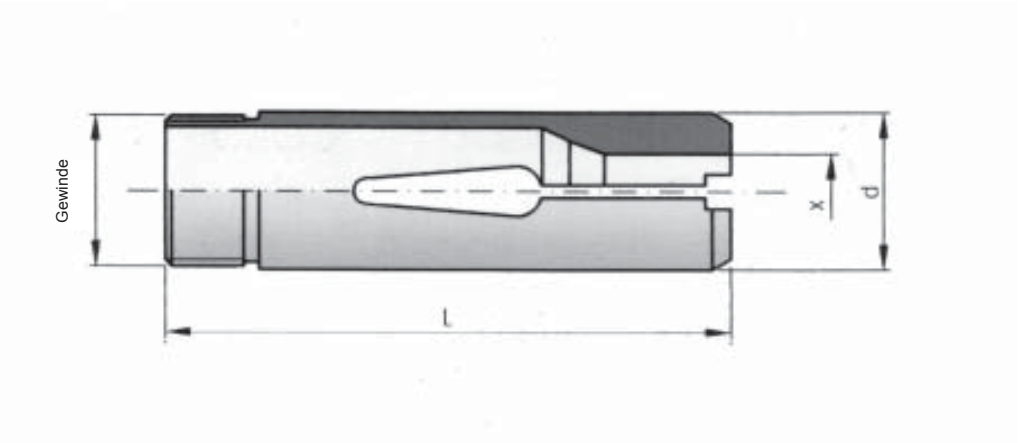




Maschine	Art.	d	D	L	K°	X max		
						●	●	■
Bechet – Feinler – Petermann – Strohm - Tornos	101-E	8,0	12,0	42,0	16°	6,0	---	---
Bechet – Bechler – Petermann – Strohm – Tornos	111-E	10,0	16,0	47,0	20°	8,0	7,0	6,0
Bechet – Bechler	117-E	14,0	18,0	46,0	13°	12,0	9,0	8,0
Feinler – Gauthier – Strohm – Tornos	120-E	15,0	21,0	64,0	16°	12,5	10,0	9,0
Tornos	138-E	20,0	28,0	67,0	16°	16,0	14,0	11,0
Bechler – Gauthier – Index – Steinhäuser – Traub	136-E	20,0	26,0	54,0	15°	16,0	14,0	12,0
Feinler – Index – Tarex – Traub	140-E	22,0	30,0	55,0	15°	18,0	15,0	13,0
Gauthier – Strohm – Tornos – Gildemeister	145-E	25,0	35,0	77,0	16°	20,0	18,0	14,0
Index	143-E	25,0	31,0	54,0	15°	21,0	18,0	15,0
Bechler – Traub	146-E	26,0	32,0	67,0	13°	20,0	18,0	15,0
Index – Steinhäuser – Traub	148-E	28,0	38,0	70,0	15°	23,0	20,0	16,0
Gauthier – Strohm – Tornos	157-E	30,0	42,0	80,0	16°	25,0	21,0	17,0
Gildemeister	A3603000	30,0	38,0	65,0	15°	25,0	21,0	17,0
Steinhäuser – Traub	161-E	32,0	45,0	75,0	15°	26,0	23,0	18,0
Index – Steinhäuser – Traub	163-E	35,0	48,0	80,0	15°	30,0	26,0	21,0
Index	162-E	35,0	43,0	70,0	15°	30,0	26,0	21,0
Steinhäuser – Traub	171-E	42,0	55,0	94,0	15°	36,0	31,0	25,0
Index – Schaublin – Tarex – Traub	173-E	48,0	60,0	94,0	15°	42,0	36,0	30,0
Gildemeister – Index – Steinhäuser – Tarex Traub	185-E	66,0	84,0	110,0	15°	60,0	52,0	42,0

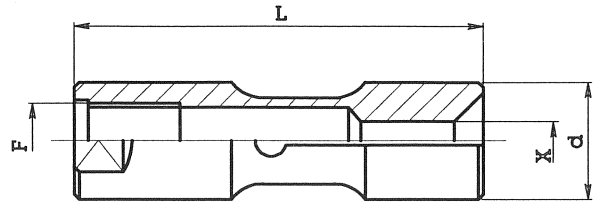
Vorschubzangen für Einspindel-Drehautomaten

Typ L



Maschine	Art.	d	D	L	Gewinde	X max		
						●	⬢	■
Index – Steinhäuser	L1401400	13,5	14,0	64,0	Ø 12,7 x 32 fil'' links	10,0	8,0	7,0
Index – Steinhäuser	207-E	16,0	18,0	70,0	M16 x 1 links	13,0	11,0	9,0
Index	217-E	20,5	21,5	70,0	M20 x 1 links	16,0	14,0	11,0
Index	220-E	22,0	24,0	85,0	M22 x 1 links	18,0	16,0	13,0
Index – Steinhäuser	236-E	29,0	30,0	95,0	M28 x 1 links	25,0	22,0	17,0
Index	237-E	29,0	31,0	90,0	M29 x 1 links	25,0	22,0	18,0
Index – Tarex	254-E	40,0	42,0	116,0	M40 x 1 links	36,0	31,0	25,0
Index - Steinhäuser	273-E	58,0	60,0	140,0	M58 x 1 links	53,0	45,0	37,0

Vorschubzangen für Lademagazine



Vorschubzangen für Lademagazine mit Rechtsgewinde

Art.	d	L	F	X min	X max	Lader
036.070	7.5	40	5x0.5	1.6	6.5	IEMCA
036.100	10	50	6x0.75	2	8	CUCCHI
036.101	10	40	6x0.75	2	8	IEMCA
036.120	12	52	7x0.75	2	10	CUCCHI
036.121	12	42	7x0.75	2	10	IEMCA
036.140	14	52	8x1	3	12	CUCCHI
036.150	15	52	8x1	2	13	CUCCHI
036.151	15	42	8x1	2	13	IEMCA
036.160	16	52	8x1	10	14	CUCCHI
036.161	16	42	8x1	10	14	IEMCA
036.180	18	59	10x1	4	16	CUCCHI
036.200	20	59	10x1	4	18	CUCCHI u. IEMCA
036.220	22	59	10x1	16	20	CUCCHI u. IEMCA
036.250	25	59	10x1	4	23	IEMCA
036.251	25	59	14x1	4	23	CUCCHI
036.300	30	65	10x1	8	28	IEMCA
036.301	30	65	18x1.5	10	28	CUCCHI
036.400	40	70	25x1.5	10	36	CUCCHI u. IEMCA
036.460	46	72	25x1.5	37	42	CUCCHI u. IEMCA

Vorschubzangen für Lademagazine mit Linksgewinde

Art.	d	L	F	X min	X max	Lader
035.190	19	60	10x1 li.	4	16	CUCCHI PB 20
035.200	20	60	10x1 li.	17	18	CUCCHI PB 20
035.230	23	60	14x1 li.	4	20	CUCCHI PB 24
035.250	25	60	14x1 li.	20	23	CUCCHI PB 24
035.290	29	65	18x1.5 li.	6	26	CUCCHI PB 30
035.350	35	70	18x1.5 li.	27	32	CUCCHI PB 35 (1)
035.370	37	70	25x1.5 li.	10	33	CUCCHI PB 38
035.390	39	70	25x1.5 li.	32	35	CUCCHI PB 40
035.410	41	70	25x1.5 li.	35	38	CUCCHI PB 42 (1)
035.470	47	70	30x1.5 li.	14	43	CUCCHI PB 48
035.590	59	80	30x1.5 li.	30	55	CUCCHI PB 60 (1)

(1) auf Anfrage

Lang Werkzeuge & Maschinen Siemensstr. 6 71299 Wimsheim
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Drehelemente für Lademagazine

Drehelemente mit Rechtsgewinde für IEMCA-Lademagazine

Art.	D	L	F	d	Fig.
516.007	7.5	126	6x0.75	5x0.5	1
516.010	10	113	8x1	6x0.75	1
516.012	12	116	10x1	7x0.75	1
516.015	15	121	12x1.5	8x1	1
516.020	20	133	14x1.5	10x1	1
516.025	25	133	14x1.5	10x1	1
516.030	30	135	14x1.5	10x1	1

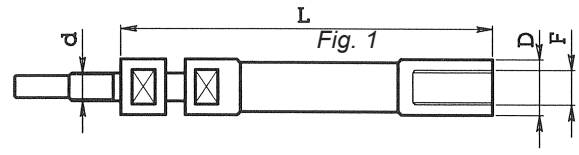


Fig. 1

Drehelemente mit Rechtsgewinde für CUCCHI-Lademagazine

Art.	D	L	F	d	Fig.
517.010	10	107	7x1	6x0.75	2
517.012	12	107	8x1.25	7x0.75	2
517.014	14	107	10x1.5	8x1	2
517.016	16	107	10x1.5	8x1	2
517.019	19	118	12x1.75	10x1	2
517.025	25	118	20x1.5	14x1	2
517.030	30	123	24x1.5	18x1.5	2
517.040	40	61	28x1.5	25x1.5	4

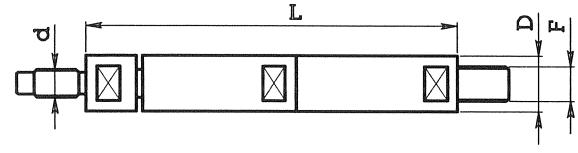


Fig. 2

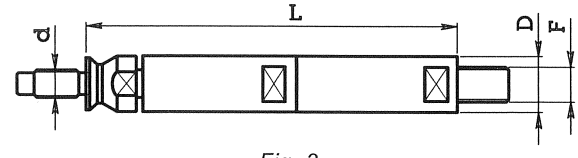


Fig. 3

Drehelemente mit Linksgewinde für CUCCHI-Lademagazine

Art.	D	L	F	d	Fig.
517.120	19	100	17x1 li.	10x1 li.	2
517.120P	19	100	17x1 li.	14x1.5 li.	2
517.125	24	100	20x1.5 li.	14x1 li.	2
517.125P	24	100	20x1.5 li.	20x1.5 li.	2
517.130	29.3	121	26x1.5 li.	18x1.5 li.	2
517.130S	29.3	121	26x1.5 li.	18x1.5 li.	3
517.130P	29.3	121	26x1.5 li.	26x1.5 li.	2
517.138	38	109	30x1.5 li.	25x1.5 li.	2
517.138P	38	109	30x1.5 li.	30x1.5 li.	2

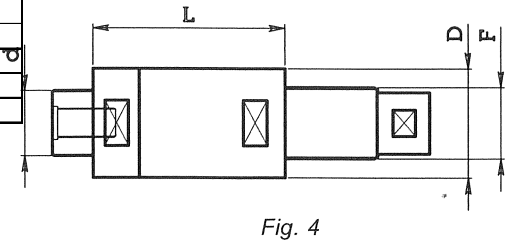


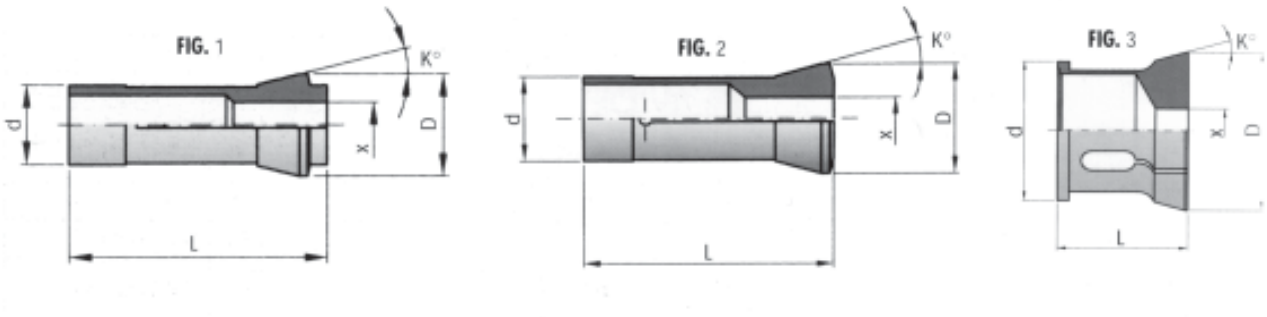
Fig. 4

Aufteilung nach Artikelnummern

Lang Werkzeuge & Maschinen Siemensstr. 6 71299 Wimsheim
Tel. 07044-9061-0 Fax 07044-9061-61 info@llang.de www.llang.de

Typ A

Das Spannen erfolgt durch eine Druckhülse mit Konus, welche die Spannzange gegen die vordere Anschlagmutter drückt. Dadurch wird der Werkstoff genau zentrisch gespannt. Im Ruhezustand sind die Spannzangen ziemlich weit geöffnet. Dies ist beim Einbau zu beachten.



Maschinenhersteller	Art.	Fig	d	D	L	K°	X max			DIN
							●	⬢	■	
Index – Traub	100-E	1	6,0	10,0	30,0	15°	4,0	---	---	6343
Bechet – Petermann	A2000700	1	7,0	10,5	26,0	15°	5,5	---	---	
Bechet – Feinler – Petermann Strohm – Tornos	101-E	1	8,0	12,0	42,0	16°	6,0	---	---	6343
Index	103-E	1	8,0	14,0	35,0	15°	6,0	---	---	6343
Schaublin	A2800800	1	8,0	11,0	19,0	15°	6,35	5,0	4,0	
Schaublin	A2800900	1	9,0	13,3	36,5	20°	7,0	6,0	5,0	
Gildemeister	A1101000	1	10,0	16,0	42,0	15°	7,0	---	---	
Bechet – Bechler – Petermann Strohm - Tornos	111-E	1	10,0	16,0	47,0	20°	8,0	7,0	6,0	6343
Gildemeister	A1101200	1	12,0	18,0	44,5	15°	10,0	8,0	7,0	
Tornos	A1301200	1	12,0	18,0	64,0	16°	10,0	8,0	7,0	
Schaublin – Tarex	A2801200	1	12,0	18,1	44,5	15°	10,0	8,0	7,0	
Tornos	A1301300	1	13,0	19,0	64,0	16°	10,0	8,0	7,0	
Bechet – Bechler	117-E	1	14,0	18,0	46,0	13°	12,0	9,0	8,0	6343
Feinler – Gauthier – Gildemeister Strohm – Tornos	120-E	1	15,0	21,0	64,0	16°	12,5	10,0	9,0	6343
Petermann	121-E	1	15,0	22,0	47,0	20°	12,0	10,0	8,0	6343
Tornos	A1301600	1	16,0	21,0	64,0	16°	13,0	11,0	9,0	
Bechet – Petermann – Schaublin	A2001600	1	16,0	22,0	55,0	15°	13,5	11,0	9,0	
Index – Steinhäuser	125-E	1	17,46	22,05	51,0	15°	13,0	11,0	9,0	6343
Tornos	A1301800	1	18,0	24,0	64,0	16°	14,0	12,0	10,0	
Bechler	127-E	1	18,0	25,0	67,0	15°	13,0	11,0	9,0	6343
Wickman	A1201900	1	19,04	25,4	55,56	15°	14,0	12,0	10,0	
Petermann	A2002000	1	20,0	27,5	60,0	15°	17,0	15,0	12,0	
Tornos	A1302000	1	20,0	28,0	67,0	16°	16,0	14,0	11,0	
Gildemeister	A1102000	3	20,0	26,0	60,0	15°	20,0	---	---	
Bechler – Gauthier – Index Gildemeister - Steinhäuser Traub	136-E	1	20,0	26,0	54,0	15°	16,0	14,0	12,0	6343
Petermann – Tornos	A2002200	1	22,0	32,0	66,0	16°	17,0	14,0	11,0	
Bechler	139-E	1	22,0	28,0	67,0	13°	17,0	14,0	11,0	6343
Feinler – Index – Tarex – Traub	140-E	1	22,0	30,0	55,0	15°	18,0	15,0	13,0	6343
Traub	A1902380	1	23,8	28,57	63,5	15°	17,0	14,0	12,0	
Strohm	A2402400	1	24,0	28,0	36,0	18°	20,5	17,5	14,0	
Gauthier – Strohm – Tornos Gildemeister	A2402500	1	25,0	35,0	77,0	16°	20,0	18,0	14,0	
Index	143-E	1	25,0	31,0	54,0	15°	21,0	18,0	15,0	6343
Bechet – Petermann	A2002500	1	25,0	34,0	65,0	15°	20,0	17,0	14,0	
Wickman	A1202540	1	25,4	38,0	94,0	15°30'	20,0	17,0	14,0	
Bechler – Traub	146-E	1	26,0	32,0	67,0	13°	20,0	18,0	15,0	6343
Schaublin – Traub	A1902700	1	27,0	38,0	72,7	15°	23,0	20,0	16,0	

Typ A

Fortsetzung

Maschinenhersteller	Art.	Fig.	d	D	L	K°	X max			DIN
							●	⬢	■	
Index – Steinhäuser – Traub	148-E	1	28,0	38,0	70,0	15°	23,0	20,0	16,0	6343
Gauthier – Strohm – Tornos	157-E	1	30,0	42,0	80,0	16°	25,0	21,0	17,0	6343
Gildemeister	A3603000	1	30,0	38,0	65,0	15°	25,0	21,0	17,0	
Traub	161-E	1	32,0	45,0	75,0	15°	26,0	23,0	18,0	6343
Petermann	A2003200	1	32,0	40,0	65,0	15°	27,0	23,0	19,0	
Petermann	A2003201	1	32,0	40,0	75,0	15°	27,0	23,0	19,0	
Bechler	A1803400	1	34,0	40,0	80,0	15°	26,0	22,0	18,0	
Tornos	A1303400	1	34,0	44,0	80,0	16°	28,0	24,0	20,0	
Steinhäuser – Traub	163-E	1	35,0	48,0	80,0	15°	30,0	26,0	21,0	6343
Index	162-E	1	35,0	43,0	70,0	15°	30,0	26,0	21,0	6343
Gildemeister	A1102800	3	28,0	32,0	30,0	20°	23,4	---	---	
Gildemeister	A1103500	1	35,0	48,0	80,0	15°5’	30,0	26,0	21,0	
Tornos	A1303700	1	37,0	47,0	92,0	16°	32,0	28,0	23,0	
Gildemeister	A1103800	1	38,0	50,0	80,0	15°5’	32,0	27,0	22,0	
Petermann	164-E	1	38,0	50,0	86,0	15°	32,0	27,0	22,0	6343
Bechet – Petermann – Schaublin Tarex – Traub	A1503810	1	38,1	49,0	107,5	15°	32,0	27,0	22,0	
Bechler	A1803900	1	39,0	46,0	80,0	15°	32,0	27,0	22,0	
Wickman	A1203960	1	39,67	65,0	122,0	15°	33,0	29,0	23,0	
Steinhäuser – Traub	171-E	1	42,0	55,0	94,0	15°	36,0	31,0	25,0	6343
Gildemeister	A1104800	1	48,0	60,0	94,0	15°	42,0	36,0	29,0	
Index – Schaublin – Tarex – Traub	A1604800	1	48,0	60,0	94,0	15°	42,0	36,0	30,0	6343
Gildemeister	A1105000	1	50,0	64,0	112,0	15°5’	42,0	36,0	30,0	
Schütte	A2205200	2	52,0	60,5	60,0	15°15’	40,0	35,0	28,0	
Gildemeister	A1105600	1	56,0	68,0	94,0	15°	50,0	43,0	35,0	
Tarex	177-E	1	58,0	70,0	94,0	15°	52,0	45,0	37,0	6343
Schütte	A2206300	2	63,0	71,6	60,0	15°10’	50,0	44,0	36,0	
Gildemeister	A1106600	1	66,0	84,0	110,0	15°	60,0	52,0	42,0	
Gildemeister – Index – Steinhäuser Tarex – Traub	185-E	1	66,0	84,0	110,0	15°	60,0	52,0	42,0	6343
Tarex	187-E	1	72,0	90,0	142,0	15°	65,0	56,0	46,0	6343
Tarex	188-E	1	84,0	100,0	142,0	15°	75,0	65,0	53,0	6343
Tarex	A2310500	1	105,0	125,0	172,0	15°	90,0	78,0	63,0	

Liste der Spannzangen für Langdrehautomaten GILDEMEISTER Italiana

Maschine		Hauptspindel	Gegenspindel
GD 12	3 Achsen	A1301500	---
GD 12	4 Achsen	A1301500	A1301500
GD 12	5 Achsen	A1301500	A1301500
GD 16	3 Achsen	A1402000	---
GD 16	4 Achsen	A1402000	A1402000
GD 16	5 Achsen	A1402000	A1402000
GLD 20	3 Achsen	A2402500	---
GLD 20	4 Achsen	A2402500	A2402500
GLD 20	5 Achsen	A2402500	A2402500
GLD 25	3 Achsen	A3603000	---
GLD 25	4 Achsen	A3603000	A3603000
GLD 25	5 Achsen	A3603000	A3603000
GLD 25/32	5 Achsen	A1303700	A3603000
GD 26	5 Achsen	A3603000	A3603000
GD 26	6 Achsen	A3603000	A3603000
GD 32	5 Achsen	A1303700	A1303700
GD 32	6 Achsen	A1303700	A1303700
GD 32/36	5 Achsen	A1604200	A1303700
GD 32/36	6 Achsen	A1604200	A1303700

Typ B

Das Spannen erfolgt über ein geeignetes Zugrohr mit Gewinde, wobei der Konus der Spannzangen in eine Aufnahme gezogen wird. Bei diesen Spannzangen ist das Gewinde kleiner als der Schaftdurchmesser.
Das Einsatzgebiet dieser Spannzangen liegt besonders bei Präzisionsmaschinen und Produktionsautomaten. Um eine gute Rundlaufgenauigkeit zu erreichen, ist eine Spannzange mit dem Durchmesser entsprechend dem Nenndurchmesser des Werkstoffes zu verwenden.

FIG. 1

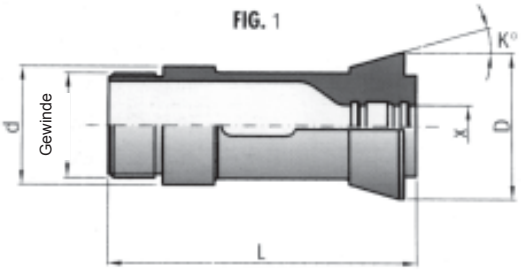
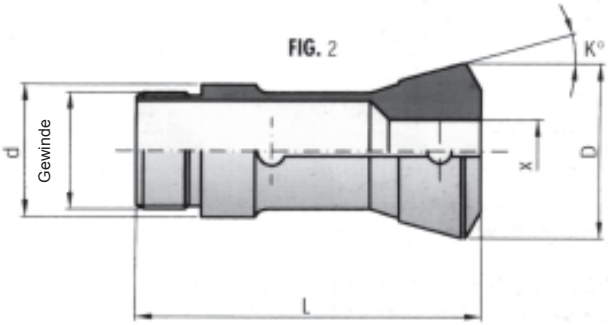


FIG. 2



Maschinen-hersteller	Art.	Fig	d	D	L	K°	Gewinde	X max		
								●	●	■
Gildemeister	B1101400	2	14,0	17,0	76,0	15°	M14 x 1	10,0	---	---
Gildemeister	B1102000	2	20,0	22,0	94,0	5°	M17 x 0,75 links	12,0	11,0	8,0
Tornos	B1302500	2	25,0	35,0	94,0	15°30'	M25 x 1	16,0	14,0	11,0
Davenport Conomatic	B2902690	2	26,95	30,19	114,3	15°	Ø 26,53 x 16 fil''	13,0	11,0	9,0
Davenport	B2902691	2	26,95	30,0	124,0	15°	Ø 26,45 x 16 fil'' links	21,0	18,0	15,0
Davenport	B2903100	2	31,01	38,15	114,3	15°	Ø 29,72 x 16 fil''	19,0	16,0	13,0
Davenport	B2903101	2	31,01	38,15	114,0	15°	Ø 29,72 x 16 fil''	19,0	16,0	13,0
Schütte	B2203204	2	31,9	42,0	84,0	15°	M28 x 1 links	18,0	16,0	13,0
Schütte	9007-E	2	32,0	42,0	84,0	15°	M28 x 1 links	18,0	16,0	13,0
Schütte	9016-E	2	32,0	41,5	84,0	15°	M30 x 1 links	20,0	17,0	14,0
Gildemeister	9012-E	1	34,0	42,0	90,0	16°	M30 x 1 links	20,0	17,0	14,0
Gildemeister	9012-E	1	34,0	42,0	90,0	16°	M30 x 1 links	20,0	17,0	14,0
Gildemeister	B1103402	2	34,0	38,0	56,5	15°	M26 x 1	30,0	---	---
Schütte	9033-E	2	40,0	55,0	103,0	15°	M35 x 1,5 links	22,0	19,0	15,0
Gridley	B2604420	2	44,2	54,2	140,0	12°30'	Ø 39,68 x 18 fil'' links	25,0	22,0	18,0
Gildemeister	B1104500	1	45,0	60,4	164,0	15°	M42 x 1 links	26,0	22,0	18,0
Index	9039-E	2	46,0	60,5	112,0	15°	M40 x 1,5 links	26,0	23,0	18,0
Schütte	9039-E	2	46,0	60,3	120,0	15°	M40 x 1,5 links	26,0	23,0	18,0
Tornos	B1304600	2	46,0	60,3	120,0	15°	M40 x 1,5 links	26,0	22,0	18,0
Pittler	9042-E	2	48,0	62,0	140,0	15°	M42 x 1,5 links	28,0	24,0	20,0
Amtec – Gridley Pittler	9067-E	2	52,24	64,7	152,0	15°	Ø 46 x 20 fil'' links	32,0	27,0	22,0
Drehma	B4105300	2	53,0	69,5	130,0	15°	M48 x 1,5 links	32,0	27,0	22,0
Index	9070-E	2	53,0	69,0	129,0	15°	M47 x 1,5 links	32,0	28,0	23,0
Schütte	9070-E	2	53,0	69,3	136,0	15°	M47 x 1,5 links	32,0	28,0	23,0
Schütte	9071-E	2	55,0	70,0	125,0	15°	M47 x 1,5 links	35,0	30,0	25,0
Pittler	9108-E	2	61,91	82,0	180,0	15°	M58 x 1,5 links	42,0	36,0	30,0
Drehma	B4106200	2	62,0	82,4	181,0	15°	M58 x 1,5 links	42,0	36,0	30,0
Index	9108-E	2	62,0	82,4	180,0	15°	M58 x 1,5 links	42,0	36,0	30,0
Schütte	9112-E	2	62,9	78,3	157,0	15°	M56 x 1,5 links	42,0	36,0	29,0
Gridley	B2606320	2	63,25	73,0	162,0	12°35'	Ø 55,5 x 16 fil'' links	41,0	35,0	29,0
Index	9133-E	2	70,0	92,0	157,0	15°	M65 x 2 links	50,0	43,0	35,0
Gridley	B2607140	2	71,44	86,0	177,8	12°35'	Ø 65,08 x 18 fil'' links	50,0	43,0	35,0
Schütte	9139-E	2	75,0	97,8	187,0	15°	M68 x 1,5 links	51,0	44,0	36,0
Gridley	B2607680	2	76,8	95,0	178,0	15°	Ø 71,43 x 18 fil'' links	57,0	49,0	40,0
Pittler	B2107800	2	78,0	96,5	178,0	15°	M74 x 1,5 links	56,0	48,0	39,0
Schütte	9179-E	2	90,0	115,3	212,0	15°	M82 x 1,5 links	63,0	55,0	45,0
Drehma	B4109000	2	90,0	106,0	182,0	15°	M85 x 2 links	63,0	55,0	45,0
Pittler	B2109660	2	96,6	114,7	192,0	15°	Ø 87,3 x 16 fil'' links	66,0	57,0	46,0
Pittler	9206-E	2	106,0	127,7	225,0	15°	Ø 96,84 x 18 fil'' links	72,0	62,0	51,0
Schütte	9210-E	2	109,0	138,0	241,0	15°	M100 x 1,5 links	80,0	70,0	57,0
Gridley	B2611400	2	114,04	146,01	201,5	15°	Ø 106,34 x 18 fil'' links	89,0	77,0	63,0

Typ C

Das Spannen erfolgt über eine Gewindestange oder ein Zugrohr mit Gewinde, wobei der Konus der Spannzangen in eine Aufnahme gezogen wird. Bei diesen Spannzangen ist das Gewinde als Innengewinde ausgebildet. Das Einsatzgebiet dieser Spannzangen liegt besonders bei Präzisionsmaschinen und Produktionsautomaten. Um eine gute Rundlaufgenauigkeit zu erreichen, ist eine Spannzange mit dem Durchmesser entsprechend dem Nenndurchmesser des Werkstoffes zu verwenden.

FIG. 1

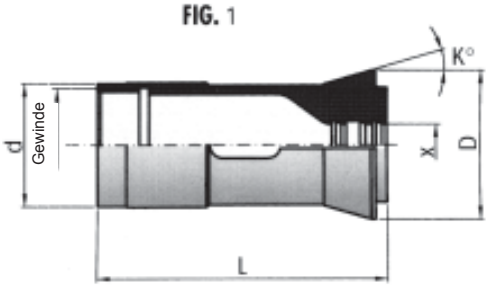
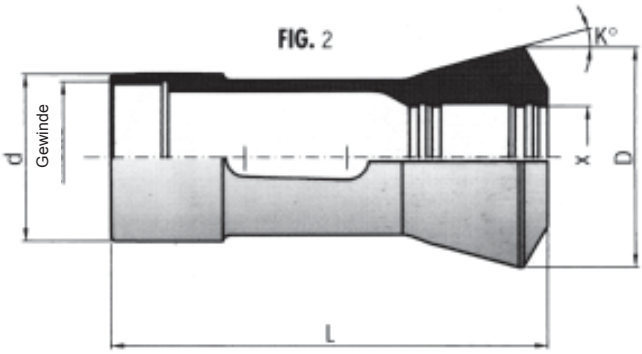


FIG. 2



Maschinen-hersteller	Art.	Fig	d	D	L	K°	Gewinde	X max		
								●	●	■
Gildemeister	C1101580	2	15,8	22,0	85,0	5°	M13 x 0,75 links	12,0	11,0	8,0
Tornos	C1301600	2	16,0	21,0	66,0	16°	M14 x 0,75	12,0	11,0	8,0
Index	C1401650	1	16,5	18,0	59,0	5°	M14 x 1	12,0	11,0	8,0
Index	C1401900	1	19,0	21,0	60,0	5°	M16 x 1	12,0	11,0	8,0
Gridley	C2602370	2	23,77	29,3	78,6	15°	Ø 20,46 x 32 fil'' links	11,0	10,0	8,0
Schütte	C2202500	2	25,0	35,1	58,0	15°	M18 x 1,5 links	18,0	16,0	13,0
Tornos	9001-E	2	25,0	35,0	75,0	15°	M22 x 1	14,0	11,0	9,0
Gildemeister	C1102600	2	26,0	28,5	80,0	6°	M21 x 0,75	20,0	17,0	14,0
Gildemeister	9013-E	1	26,8	34,0	88,0	15°5'	M24 x 1 links	12,0	10,0	8,0
Saco	C0002800	1	28,0	32,0	64,0	8°	M24 x 1,5 links	24,5	21,0	17,0
Saco	C0002801	1	28,0	32,0	64,0	8°	M24 x 1,5 links	23,0	20,0	16,0
Gildemeister	C1102800	2	28,0	43,0	66,0	15°	M20 x 1,5 links	32,0	28,0	22,0
Schütte	C2202800	2	28,0	36,0	53,0	15°10'	M24 x 1,5 links	22,0	19,0	16,0
Gridley	C2602930	2	29,36	35,7	105,5	15°	Ø 25,4 x 20 fil'' links	14,0	12,0	10,0
Wickman	9014-E	2	29,41	38,1	92,1	15°15'	Ø 26,21 x 24 fil'' links	16,0	14,0	11,0
Gildemeister	C1103000	2	30,0	34,7	63,0	15°	M20 x 1,5	24,0	21,0	17,0
Gildemeister	C1103200	2	32,0	42,0	73,0	15°	M24 x 1,5	26,0	22,0	18,0
Gildemeister	C1103201	2	32,0	42,0	73,0	15°	M24 x 1,5	26,0	22,0	18,0
Schütte	C2203200	2	32,0	46,0	71,0	15°	M22 x 1,5 links	26,0	23,0	18,0
Schütte	C2203201	2	32,0	45,1	71,0	15°10'	M22 x 1,5 links	26,0	23,0	18,0
Gildemeister	C1103500	2	35,0	43,1	73,0	15°	M28 x 1,5	29,0	25,0	21,0
Gildemeister	C1103540	1	35,4	42,0	90,0	16°	M32,5 x 0,75 links	22,0	19,0	15,0
Tornos	9020-E	2	36,0	45,0	107,0	15°30'	M33 x 1,25	20,0	17,0	14,0
Gildemeister	C1103700	2	37,0	45,0	78,0	15°	M30 x 1,5	32,0	28,0	22,0
Gildemeister	C1103701	2	37,0	45,0	78,0	15°	M30 x 1,5	32,0	28,0	22,0
Gildemeister	C1103800	1	38,0	45,5	90,0	16°	M34,5 x 0,75 links	25,0	22,0	17,0
Gildemeister	C1103801	1	38,0	45,5	90,0	16°	M34,5 x 0,75 links	25,0	22,0	17,0
Gildemeister	C1103802	2	38,0	43,1	80,0	15°	M24 x 1,5	32,0	28,0	22,0

Typ C

Fortsetzung

Maschinen-hersteller	Art.	Fig.	d	D	L	K°	Gewinde	X max		
								●	●	■
Saco Gildemeister	C0003900	1	39,0	44,0	90,0	8°	M34 x 1 links	32,0	28,0	23,0
Saco Gildemeister	C0003901	1	39,0	44,0	90,0	8°	M34 x 1 links	32,0	28,0	23,0
Schütte	C2203900	2	39,0	51,0	81,0	15°	M26 x 1,5 links	32,0	28,0	23,0
Gildemeister	C1104000	2	40,0	72,1	111,0	15°	M32 x 1,5	48,0	42,0	34,0
Amtec Wickman	9034-E	2	41,3	54,5	131,6	15°	Ø 37,74 x 24 fil'' links	25,0	22,0	18,0
Tos	C3004200	2	42,0	50,0	130,0	15°	M38 x 1,5	26,0	22,0	18,0
Gildemeister	9046-E	1	45,0	60,4	164,0	15°	M40 x 1,5 links	26,0	22,0	18,0
Gildemeister	C1104501	1	45,0	60,4	165,0	15°	M40 x 1 links	26,0	22,0	18,0
Gildemeister	C1104502	2	45,0	65,1	90,0	15°	M28 x 1,5	48,0	42,0	34,0
Gildemeister	9044-E	2	45,0	65,1	90,0	15°	M28 x 1,5	48,0	42,0	34,0
Gildemeister	C1104504	2	45,0	60,0	168,0	15°	M40 x 1,5 links	22,0	19,0	15,0
Gildemeister	9045-E	2	45,0	60,4	164,0	15°	M40 x 1 links	25,0	22,0	17,0
Wickman	9040-E	2	45,9	55,6	111,0	15°7'	Ø 42,9 x 22 fil''	28,0	24,0	20,0
Gildemeister	C1104800	2	48,0	62,0	122,0	15°	M44 x 1,5 links	29,0	25,0	20,0
Wickman	C1204920	2	49,21	60,72	110,0	15°	M44,2 x 1 links	30,0	26,0	21,0
Gildemeister	9069-E	2	53,0	69,4	139,0	15°	M48 x 1,5 links	35,0	31,0	25,0
Schütte	C2205400	1	54,0	60,05	66,5	15°10'	M42 x 1,5 links	45,0	38,0	31,0
Wickman	9072-E	2	55,47	67,0	117,0	15°7'	Ø 50,927 x 22 fil''	36,0	31,0	25,0
Saco	C0005600	1	56,0	60,0	95,0	8°	M51 x 1 links	48,0	42,0	34,0
Gildemeister	9081-E	2	56,0	72,0	138,0	15°	M52 x 1,5 links	35,0	30,0	24,0
Gildemeister	C1105601	1	56,0	72,4	136,0	15°5'	M53 x 1,5 links	42,0	36,0	30,0
Gildemeister	C1105602	1	56,0	74,0	155,0	15°5'	M53 x 1,5 links	48,0	41,0	34,0
Schütte	C2205600	2	56,0	77,0	83,0	15°	M32 x 1,5 links	50,0	43,0	35,0
Tos	C3006000	2	60,0	78,0	170,0	15°	M56 x 1,5	42,0	36,0	30,0
Strojimport	C3006001	2	60,0	81,0	145,0	15°	M56 x 1	42,0	36,0	30,0
Gildemeister	C1106400	2	64,0	80,0	149,5	15°	M56 x 1,5 links	40,0	35,0	29,0
Gildemeister	C1106403	2	64,0	80,5	134,0	15°	M59 x 1,5 links	42,0	37,0	30,0
Wickman	9111-E	2	64,21	78,7	127,0	15°7'	Ø 60,45 x 16 fil''	44,0	38,0	31,0
Gildemeister	9132-E	2	70,0	90,4	167,5	15°	M65 x 1,5 links	48,0	42,0	34,0
Amtec	C3207610	2	76,15	94,2	154,0	15°	Ø 72,23 x 20 fil'' links	57,0	49,0	40,0
Wickman	9142-E	2	76,86	95,5	181,0	15°	Ø 72,46 x 22 fil'' links	57,0	49,0	40,0
Wickman	C1207770	2	77,72	89,02	152,4	15°7'	Ø 73,02 x 16 fil''	57,0	49,0	40,0
Gildemeister	C1107800	2	78,0	98,4	172,0	15°	M72 x 1,5 links	55,0	48,0	39,0
Tos	C3008500	2	85,0	108,0	210,0	15°	M80 x 1,5	66,0	57,0	46,0
Gildemeister	9178-E	2	90,0	115,4	181,0	15°	M85 x 1,5 links	67,0	58,0	47,0
Gildemeister	C1109001	2	90,0	115,0	170,0	15°	M82 x 1,5 links	63,0	55,0	45,0
Wickman	C1209200	2	92,07	111,0	164,0	15°	Ø 85,72 x 18 fil''	66,0	57,0	46,0
Gridley	C2609200	2	92,079	111,14	165,5	15°5'	Ø 85,72 x 18 fil''	66,0	57,0	46,0
Wickman	C1210600	2	106,0	127,0	197,0	15°	Ø 100,81 x 16 fil''	89,0	77,0	63,0
Gildemeister	9209-E	2	109,0	138,4	201 m	15°	M102 x 1,5 links	82,0	71,0	57,0
Gildemeister	9239-E	2	128,0	160,0	263 m	15°	M122 x 1,5 links	100,0	86,0	70,0
Wickman	C0006500	2	70,0	65,0	84,0	8°	M54 x 1 links	57,5	49,0	40,0
Wickman	C2505070	2	50,7	63,5	110,0	15°	Ø 46,4 x 18 fil'' x 1''	32,0	27,0	22,0

Typ L

Vorschubzangen werden zum vorschieben von Werkstoffstangen auf Ein- und Mehrspindel-drehautomaten verwendet.
Vorschubzangen sind im Ruhezustand geschlossen. Sie öffnen sich beim Einführen der Werkstoffstange. Um Schwierigkeiten zu vermeiden wird dringend empfohlen, die Werkstoffstangen anzufasern.

FIG. 1

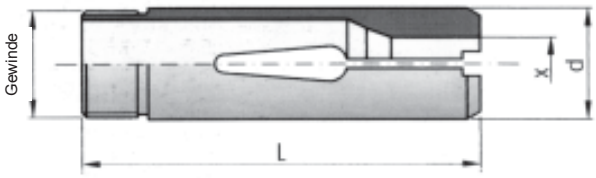
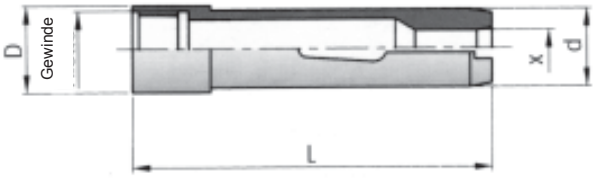


FIG. 2



Maschinen-hersteller	Art.	Fig.	d	D	L	Gewinde	X max			DIN
							●	⬢	■	
Index Steinhäuser	L1401400	1	14,0	13,5	64,0	Ø 12,7 x 32 fil" links	10,0	8,0	7,0	
Gridley	L2601680	1	16,8	15,8	73,4	Ø 15,08 x 32 fil" links	11,0	10,0	8,0	
Index Steinhäuser	207-E	1	18,0	16,0	70,0	M16 x 1 links	13,0	11,0	9,0	6344
Tornos	9251-E	1	18,0	17,5	70,0	M16 x 0,75	14,0	11,0	9,0	
Gildemeister	9259-E	2	19,5	17,5	82,0	M17 x 1	12,0	10,0	8,0	
Gridley	L2601980	1	19,84	18,0	70,0	Ø 17,46 x 32 fil" links	14,0	12,0	10,0	
Cronomatic Davenport	L2902060	1	20,6	20,6	87,3	Ø 17,95 x 20 fil"	13,0	11,0	9,0	
Index	217-E	1	21,5	20,5	70,0	M20 x 1 links	16,0	14,0	11,0	6344
Wickman	9260-E	1	21,6	20,7 21,6	85,7	Ø 19,68 x 24 fil" links	16,0	14,0	11,0	
Tornos	L1302280	1	22,8	20,5	98,0	M20 x 0,75	16,0	14,0	11,0	
Index	220-E	1	24,0	22,0	85,0	M22 x 1 links	18,0	16,0	13,0	6344
Schütte	9255-E	1	25,0	23,0	88,0	M23 x 1	18,0	16,0	13,0	
Gildemeister	9258-E	1	25,0	25,0	90,0	M24 x 1	20,0	17,0	14,0	
Davenport	L2902510	1	25,14	25,14	94,8	Ø 23,84 x 32 fil"	19,0	16,0	13,0	
Davenport	L2902511	1	25,14	25,14	95,4	Ø 23,84 x 32 fil"	19,0	16,0	13,0	
Schütte	9262-E	1	27,0	25,0	88,0	M25 x 1	20,0	17,0	14,0	
Tornos	9266-E	1	27,7	25,3	116,0	M25 x 1	20,0	17,0	14,0	
Gildemeister	L1102850	2	28,5	27,6	90,0	M26 x 0,75	22,0	19,0	15,0	
Index Steinhäuser	236-E	1	30,0	29,0	95,0	M28 x 1 links	25,0	22,0	17,0	6344
Gildemeister	L1103050	1	30,5	30,0	90,0	M28,5 x 0,75	25,0	22,0	17,0	
Index	237-E	1	31,0	29,0	90,0	M29 x 1 links	25,0	22,0	18,0	
Schütte	9273-E	1	31,0	28,0	102,0	M28 x 1,5 links	22,0	19,0	15,0	
Tos	L3003160	1	31,6	31,6	115,0	M30 x 1 links	26,0	22,0	18,0	
Amtec Wickman	9276-E	1	31,9	31,0	133,4	Ø 30,07 x 24 fil" links	25,0	22,0	18,0	
Gildemeister	9286-E	1	32,3	30,0	140,0	M28 x 1,5 links	22,0	19,0	15,0	
Tarex	238-E	1	32,4	30,0	154,0	Ø 30,2 x 20 fil" links	25,0	22,0	18,0	
Gildemeister	9287-E	1	33,0	32,5	140,0	M30 x 1 links	25,0	21,0	17,0	
Gildemeister	9289-E	1	34,3	33,5	140,0	M30 x 1	26,0	22,0	18,0	
Gridley	L2603480	1	34,8	32,0	136,0	Ø 31,75 x 20 fil" links	25,0	22,0	18,0	

Typ L

Fortsetzung

Maschinen-hersteller	Art.	Fig.	d	D	L	Gewinde	X max			DIN
							●	⬢	■	
Schütte	9282-E	1	35,0	33,0	118,0	M33 x 1,5	26,0	23,0	18,0	
Gildemeister	L1103600	1	36,0	35,0	92,0	M34 x 1 links	29,0	25,0	20,0	
Gildemeister	L1103601	1	36,0	35,0	120,0	M34 x 1 links	29,0	25,0	20,0	
Wickman	9281-E	1	36,25	34,9	111,0	Ø 30,05 x 22 fil'' links	28,0	24,0	20,0	
Schütte	9282-E	1	37,0	33,0	118,0	M33 x 1,5	26,0	23,0	18,0	
Index	9282-E	1	37,0	33,0	118,0	M33 x 1,5	26,0	23,0	18,0	
Wickman	L1203810	1	38,1	37,41	114,3	Ø 35 x 1 links	30,0	26,0	23,0	
Gildemeister	L1103851	1	38,5	37,0	140,0	M34 x 1	30,0	26,0	21,0	
Gildemeister	L1103850	1	38,5	37,5	140,0	M36 x 1	32,0	28,0	22,0	
Amtec – Gridley Pittler	9285-E	1	39,5	38,0	168,0	Ø 36,5 x 20 fil'' links	32,0	27,0	22,0	
Pittler	9317-E	1	39,5	33,5	140,0	M36 x 1,5 links	28,0	24,0	20,0	
Gildemeister	9316-E	1	41,2	39,8	136,0	M38 x 1,5 links	32,0	28,0	23,0	
Gildemeister	L1104122	1	41,2	39,8	136,0	M38 x 1,5	32,0	28,0	23,0	
Gildemeister	L1104123	1	41,2	41,0	136,0	M39 x 1 links	35,0	31,0	25,0	
Gildemeister	L1104124	1	41,2	41,0	136,0	M39 x 1	35,0	31,0	25,0	
Index – Tarex	254-E	1	42,0	40,0	116,0	M40 x 1 links	36,0	31,0	25,0	
Wickman	9318-E	1	42,84	41,5	118,0	Ø 40,46 x 22 fil'' links	36,0	31,0	25,0	6344
Index – Schütte	9319-E	1	43,0	40,0	130,0	M38 x 1,5	32,0	28,0	23,0	
Drehma	L4104300	1	43,0	39,5	133,0	M40 x 1,5 links	32,0	27,0	22,0	
Gildemeister	9333-E	1	44,0	43,5	136,0	M42 x 1,5 links	35,0	30,0	24,0	
Schütte	9321-E	1	44,0	41,0	125,0	M41 x 1,5 links	35,0	30,0	24,0	
Gildemeister	L1104950	1	49,5	48,5	155,5	M46 x 1,25 links	40,0	35,0	29,0	
Tos	L3004950	1	49,5	49,5	142,0	M48 x 1,5 links	42,0	36,0	30,0	
Pittler	L2105100	1	51,0	49,5	159,5	M48 x 1 links	42,0	36,0	30,0	
Schütte	9372-E	1	51,0	49,0	154 m	M48 x 1,5	42,0	36,0	29,0	
Gildemeister	L1105150	1	51,5	50,2	136,0	M48 x 1,5	42,0	37,0	30,0	
Tarex	260-E	1	52,0	50,0	116,0	M50 x 1 links	46,0	40,0	32,0	
Wickman	9362-E	1	52,21	51,6	127,0	Ø 49,98 x 22 fil'' links	44,0	38,0	31,0	
Gridley	L2605230	1	52,3	44,4	152,0	Ø 47,62 x 20 fil'' links	41,0	35,0	29,0	
Index	9364-E	1	54,0	50,0	170,0	M50 x 1,5 links	42,0	36,0	30,0	
Drehma	L4105500	1	55,0	50,0	170,0	M52 x 1,5 links	42,0	36,0	30,0	
Gildemeister	9368-E	1	57,0	56,0	160,0	M54 x 1,5 links	48,0	42,0	34,0	
Gridley	L2605870	1	58,74	57,94	171,46	Ø 55,565 x 18 fil'' links	50,0	43,0	35,0	
Index - Tarex Steinhäuser	273-E	1	60,0	58,0	140,0	M58 x 1 links	53,0	45,0	37,0	
Index	9402-E	1	60,0	57,0	156,0	M57 x 2 links	50,0	43,0	35,0	
Schütte	L2206200	1	62,0	58,0	179 m	M58 x 1,5	51,0	44,0	36,0	
Pittler	9405-E	1	63,5	59,0	186,0	Ø 58,74 x 24 fil'' links	50,0	43,0	35,0	
Schütte	9406-E	1	64,0	58,0	179 m	M58 x 1,5	51,0	44,0	36,0	
Tarex	277-E	1	64,0	62,0	140,0	M62 x 1,5 links	56,0	48,0	39,0	
Gildemeister	L1106450	1	64,5	63,0	150,0	M62 x 1,5 links	55,0	48,0	39,0	
Wickman	9409-E	1	65,1	64,3	171,5	Ø 62,509 x 22 fil'' links	57,0	49,0	40,0	
Wickman	L1206511	1	65,1	64,3	139,7	Ø 62,63 x 22 fil'' links	57,0	49,0	40,0	
Amtec	L3206650	1	66,55	65,0	151,0	Ø 63,1 x 20 fil'' links	57,0	49,0	40,0	
Pittler	L2106800	1	68,0	65,0	172,0	M64 x 1,5 links	56,0	48,0	39,0	
Gridley	L2606830	1	68,3	64,0	178,0	Ø 63,5 x 18 fil'' links	57,0	49,0	40,0	
Gildemeister	L1107400	1	74,0	72,0	170,0	M70 x 1,5 links	63,0	55,0	45,0	
Tos	L3007400	1	74,0	74,0	192,0	M72 x 1,5 links	66,0	57,0	46,0	
Tarex	L2307500	1	75,0	73,0	172,0	M72 x 1,5 links	68,0	56,0	48,0	
Wickman	L1207600	1	76,0	74,0	179,0	Ø 73 x 24 fil'' links	66,0	57,0	46,0	
Gridley	L2607620	1	76,2	74,5	175,0	Ø 73,028 x 34 fil''	66,0	57,0	46,0	
Schütte	9450-E	1	77,0	72,0	190,0	M72 x 1,5 links	63,0	55,0	45,0	
Gildemeister	9447-E	1	77,5	76,0	170,0	M74 x 1,5 links	67,0	58,0	47,0	
Drehma	L4107800	1	78,0	74,0	175,0	M72 x 1,5 links	63,0	55,0	45,0	
Pittler	L2108250	1	82,5	74,6	200,0	Ø 76,2 x 24 fil'' links	66,0	57,0	46,0	
Tarex	291-E	1	89,0	88,5	189,0	M85 x 1,5 links	80,0	69,0	56,0	
Wickman	L1209200	1	92,0	90,0	184,1	Ø 88,9 x 22 fil'' links	89,0	77,0	63,0	
Schütte	9474-E	1	92,8	90,0	238,0	M88 x 1,5 links	80,0	70,0	57,0	
Schütte	L2209300	1	93,0	90,0	225,0	M88 x 1,5 links	80,0	70,0	57,0	
Gildemeister	9475-E	1	94,0	93,0	180,0	M88 x 1,5 links	82,0	71,0	57,0	
Gridley	L2609930	1	99,31	98,54	258,7	Ø 95,24 x 18 fil'' links	89,0	77,0	63,0	
Gildemeister	9483-E	2	114,0	113,0	235,0	M108 x 1,5 links	100,0	86,0	70,0	

Typ Q

Diese Spannzangen für neue Drehautomaten und für Zusatzeinrichtungen (Abgreifeinrichtungen) in neuer Ausführung verringern die Wechselzeiten auf ein Minimum, um die Produktivität bei Mehrspindeldrehautomaten zu erhöhen.
Es ergeben sich folgende Vorteile:
- Kurze Wechselzeit
- Sehr hohe Rundlaufgenauigkeit
- Links- oder Rechtsgewinde? Diese Frage stellt sich nicht.
Was die weiteren Eigenschaften betreffen, weichen diese nicht von jenen für die Anwendung im allgemeinen beschriebenen ab.

FIG. 1

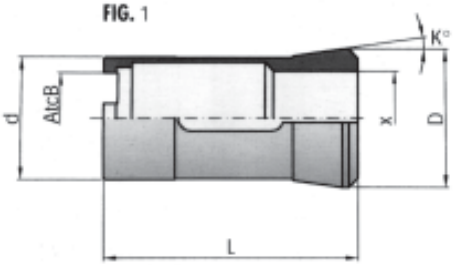


FIG. 2

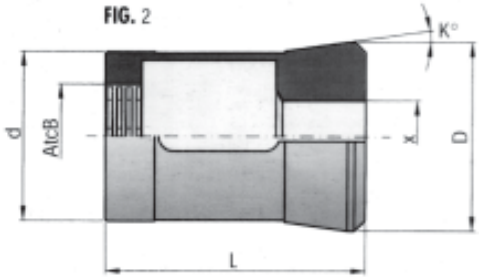


FIG. 3

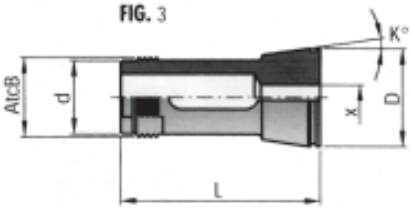
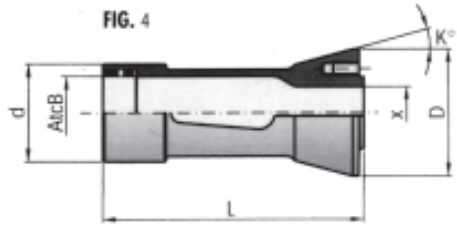


FIG. 4



Maschinenhersteller	Art.	Fig.	d	D	L	K°	Gewinde	X max		
								●	●	■
Saco / GM 16 AC	Q0001870	3	18,7	25,0	51,5	8°	AtcB Ø 21 x 1,5 60°	16,0	14,0	11,0
Saco / GM 16 AC	Q0001871	4	18,7	25,0	51,5	8°	AtcB Ø 21 x 1,5 60°	16,0	14,0	11,0
GMC20	Q0002800	2	28,0	32,0	68,0	8°	AtcB Ø 24,8 x 2,7 30°	24,5	21,0	17,0
Saco / GLD 20	Q0002851	3	28,5	32,5	66,8	12°	AtcB Ø 28,1	23,5	20,0	16,0
Saco / GM 26 AC	Q0002870	3	28,7	35,0	64,5	8°	AtcB Ø 31 x 1,5 60°	26,0	22,0	18,0
Saco / GM 26	Q0002871	3	28,7	35,0	64,5	8°	AtcB Ø 31 x 1,5 60°	26,0	22,0	18,0
Gildemeister / GM 16 AC	Q1103000	4	30,0	39,0	80,5	15°	AtcB Ø 27,12 x 1,5 60°	16,0	14,0	11,0
Gildemeister / GM 16 AC	Q1103001	4	30,0	39,0	80,5	15°	AtcB Ø 27,12 x 1,5 60°	16,0	14,0	11,0
Gildemeister / GM 16	Q1103002	4	30,0	39,0	86,5	15°	AtcB Ø 27,12 x 1,5 60°	9,0	9,0	9,0
Saco / Mori Say 32	Q0003550	2	35,5	40,0	80,0	8°	AtcB Ø 27 x 2,7 30°	32,0	27,0	22,0
Saco / Mori Say 32	Q0003551	2	35,5	40,0	80,0	8°	AtcB Ø 27 x 2,7 30°	32,0	27,0	22,0
Saco – Gildemeister / GM 32	Q0003900	1	39,0	44,0	82,0	8°	AtcB Ø 11 x 4	32,0	28,0	23,0
Saco – Gildemeister / GM 32	Q0003901	1	39,0	44,0	82,0	8°	AtcB Ø 11 x 4	32,0	28,0	23,0
Gildemeister / GM 26	Q1104100	4	41,0	53,0	106,0	15°	AtcB Ø 37 x 2 30°	26,0	22,0	18,0
Gital / GM 26	Q1104101	4	41,0	53,0	106,0	15°	AtcB Ø 37 x 2,7 30°	26,0	22,0	18,0
Gital / GM 26	Q1104102	4	41,0	53,0	106,0	15°	AtcB Ø 37 x 2,7 30°	26,0	22,0	18,0
Saco – Gildemeister / GM 42	Q0004700	2	47,0	52,5	73,0	8°	AtcB Ø 29 x 2,7 30°	42,0	36,0	29,0
Saco – Gildemeister / GM 42	Q0004701	2	47,0	52,5	73,0	8°	AtcB Ø 29 x 2,7 30°	42,0	36,0	29,0
Saco / AS 65/67	Q0007500	2	75,0	86,0	150,0	8°	AtcB Ø 21 x 7,5	68,0	59,0	48,0
SD 63 2'' 5/8	Q0007501	2	75,0	86,0	150,0	8°	AtcB Ø 21 x 7,5	68,0	59,0	48,0
Schütte / SG18; AG20	Q2202500		25,0	32,1	91,5	15°10'		18,5	16,0	13,0

Typ T

Führungsringe für Mehrspindeldrehautomaten sind am Führungsrohr und/oder am Vorschubrohr befestigt. Sie haben folgende Funktion:

- *Gerades Führen der Werkstoffstangen, um ein „Schlagen“ in den Führungsrohren zu vermeiden. Dadurch ruhiger Lauf und geringe Beanspruchung der Lagerung der Maschine.*
- *Ausrichten der Werkstoffstangen zur Vorschub- und Spannzange bei Verwendung von Profilmaterial. Leichtes Einführen insbesondere bei Lademagazinen.*

FIG. 1

FIG. 2

FIG. 3

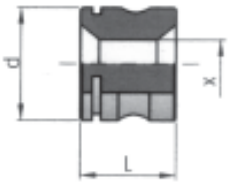
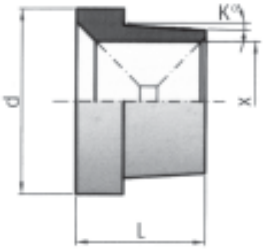


FIG. 4

FIG. 5



Maschinenhersteller	Art.	Fig.	d	D	L	Gewinde	X max		
							●	●	■
Gildemeister	T1101851	---	16,0	18,5	18,0	---	13,0	10,0	9,0
Gildemeister	T1101850	---	18,5	---	12,0	---	16,0	14,0	11,0
Gildemeister	T1101900	1	19,0	---	10,0	---	12,0	11,0	8,0
Gildemeister	T1102800	2	22,7	28,0	9,0	---	22,0	19,0	15,0
Schütte	T2202800	3	28,0	---	24,0	---	18,0	16,0	13,0
Schütte	T2202801	3	28,0	---	22,0	---	20,0	17,0	14,0
Gildemeister	T1102850	1	28,5	---	10,0	---	25,0	22,0	18,0
Wickman	T1202850	1	28,5	---	19,0	---	16,0	14,0	11,0
Gildemeister	T1102851	2	25,0	28,5	25,0	---	20,0	17,0	14,0
Gildemeister	T1103000	2	26,0	30,0	30,0	---	26,0	22,0	18,0
Tos	T3003000	1	30,0	---	18,0	---	26,0	22,0	18,0
Gildemeister	T1103020	2	26,3	30,2	8,0	---	25,0	22,0	18,0
Wickman	T1203020	2	30,2	41,0	16,0	---	25,0	22,0	18,0
Gildemeister	T1103200	2	28,3	32,0	18,0	---	28,0	24,0	20,0
Gildemeister	T1103250	2	30,0	32,5	35,0	---	30,0	26,0	21,0
Wickman	T1203490	2	34,9	42,0	25,5	---	25,0	22,0	18,0
Gildemeister	T1103590	2	32,7	35,9	9,0	---	32,0	27,0	22,0
Gildemeister	T1103600	2	32,5	36,0	44,0	---	32,0	27,0	22,0
Schütte	T2203800	3	38,0	---	28,0	---	26,0	22,0	18,0
Schütte	T2203801	4	38,0	46,0	25,0	---	26,0	22,0	18,0
Schütte	T2203900	2	39,0	48,8	29,0	---	32,0	27,0	22,0
Gildemeister	T1104001	2	40,0	47,8	43,0	---	32,0	27,0	24,0
Schütte	T2204000	1	40,0	---	28,0	---	32,0	27,0	22,0
Schütte	T2204001	1	40,0	---	28,0	---	26,0	22,0	18,0
Gildemeister	T1104200	2	36,0	42,0	16,0	---	35,0	30,0	24,0
Gildemeister	T1104201	2	42,0	47,8	43,0	---	35,0	31,0	25,0
Gildemeister	T1104380	2	33,0	43,8	27,0	---	32,0	27,0	22,0
Gildemeister	T1104381	2	33,0	43,8	27,0	---	25,0	22,0	18,0

Typ T

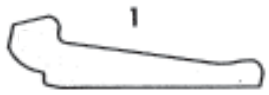
Fortsetzung

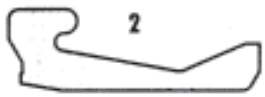
Maschinenhersteller	Art.	Fig.	d	D	L	Gewinde	X max		
							●	⬢	■
Wickman	T1204440	2	44,45	49,21	26,98	---	36,0	31,0	25,0
Gildemeister	T1104500	2	42,5	45,0	9,0	---	40,0	35,0	29,0
Schütte	T2204600	4	46,0	53,0	30,0	---	32,0	27,0	22,0
Tos	T3004600	1	46,0	---	25,0	---	42,0	36,0	30,0
Gildemeister	T1104700	2	47,0	52,0	43,0	---	42,0	37,0	30,0
Schütte	T2205000	2	50,0	54,0	33,0	---	42,0	36,0	30,0
Wickman	T1205080	2	50,8	58,7	28,5	---	44,0	38,0	31,0
Gildemeister	T1105190	2	49,7	51,9	16,0	---	48,0	42,0	34,0
Schütte	T2205200	1	52,0	---	36,0	---	42,0	36,0	30,0
Gildemeister	T1105750	2	49,0	57,5	35,0	---	48,0	42,0	34,0
Schütte	T2206180	5	61,8	---	44,0	---	42,0	36,0	30,0
Schütte	T2206500	4	65,0	75,0	35,0	---	51,0	44,0	36,0
Wickman	T1206660	2	66,67	77,5	43,0	---	57,0	49,0	40,0
Gildemeister	T1107200	2	67,9	72,0	17,5	---	67,0	58,0	47,0
Gildemeister	T1107201	2	68,7	72,0	23,0	---	67,0	58,0	47,0
Tos	T3007500	1	75,0	---	22,0	---	66,0	57,0	46,0
Gildemeister	T1108000	2	68,0	80,0	52,0	---	67,0	58,0	47,0
Schütte	T2208500	1	85,0	---	35,0	---	63,0	55,0	45,0
Gildemeister	T1108610	2	83,5	86,1	28,0	---	80,0	69,0	56,0
Gildemeister	T1109150	2	83,0	91,5	62,0	---	80,0	69,0	56,0

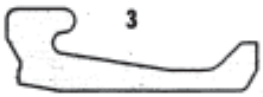
Spannfinger

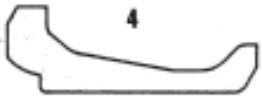
für Mehrspindeldrehautomaten

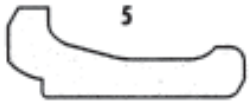
Hersteller	Maschine	Originalnr.	Art. Nr.	Fig.	Breite	Länge
Gildemeister	AS12	---	100600	1	8,9	62,5
Gildemeister	AS16 / 20	08.01.303	100601	6	8,9	67,9
Gildemeister	GS / GM20-6	31.01.108	100626	1	11,4	69,0
Gildemeister	GS25	---	M1102500	5	18,0	68,5
Gildemeister	AS25	341-10-2130/001	100603	5	19,9	66,1
Gildemeister	AS32	342-10-2130/000	100604	3	23,5	73,3
Gildemeister	AS32	342-10-2130/001	100605	3	23,5	73,1
Gildemeister	AS32	342-10-2130/002	100606	4	23,9	73,0
Gildemeister	AS32	342-10-2130/003	100607	5	23,7	66,6
Gildemeister	GM35-6	---	M1103204	6	19,5	102,0
Gildemeister	GM42-6	---	M1104200	6	25,0	103,7
Gildemeister	AS48	343-10-2130/001	100608	2	29,8	80,7
Gildemeister	AS48	343-10-2130/002	100609	4	29,9	80,5
Gildemeister	AS48	343-10-2130/003	100610	5	30,0	74,4
Gildemeister	AA48	343-10-213/53	100611	5	30,0	75,4
Gildemeister	AS67	355-10-2130/001	100612	3	37,7	81,6
Gildemeister	AS67	355-10-2130/002	100613	4	38,8	87,5
Gildemeister	AS67	355-10-2130/051	100614	5	38,0	76,3
Gildemeister	AA67	355-10-2130/055	1010615	5	37,9	103,0
Gildemeister	GM32	343-350-1130	100616	6	19,5	106,8
Gildemeister	AS / AV82	327-10-2130/002	100617	4	45,9	95,5
Gildemeister	GS25 / 30	22-10-125	100618	5	17,9	68,8
Gildemeister	GS28 5/6	705-10-0017/001	100619	5	17,9	68,8
Gildemeister	GS35 0/6	703-10-0017/000	100620	5	23,9	79,9
Gildemeister	AS100	347-10-2130/000	100621		49,0	92,7
Gildemeister	AV55	AV 55-469-2	100623		15,0	40,0
Gildemeister	GLD20	54-10-119	100624		10,0	58,0
Gildemeister	GM16 AC	53013-341	100625		8,0	61,0
Gildemeister	GM16 AC	53013-8703	100628	1	9,0	65,0
Gildemeister	GLD12	55010107	100629		10,0	53,5
Index	KS50	---	M1405000	9	20,0	88,0
Pittler	PRC32	---	102501		19,8	91,3
Pittler	PRC36 / 50	---	102502		20,0	87,9
Pittler	PRC72 / 100	---	102503		28,0	120,0
Pittler	PRC50 4/6/8	---	102506		26,0	117,0
Pittler	Pitter-Drehma DAR63	---	102505		25,0	82,0

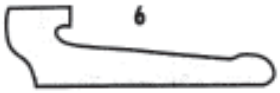


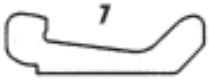


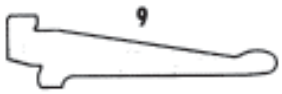


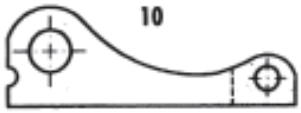












Spannfinger

Fortsetzung

Hersteller	Maschine	Originalnr.	Art. Nr.	Fig.	Breite	Länge
Schütte	SB16	SB 16 890 b	101701		9,9	60,0
Schütte	SB16	SB 16 890 d	101702	8	13,0	66,2
Schütte	SB22	V 22 R 890	101703		15,0	73,9
Schütte	SB30	V 35 890	101704		17,9	93,5
Schütte	SB35	SB 35 890	101705		18,0	93,0
Schütte	SB42	SB 42 D 890 A	101706		18,0	83,5
Schütte	AD40	AD 40 D 390 A	101707		17,9	94,4
Schütte	SD25 / 32	VD 32 D 390 A	101708	8	17,9	93,8
Schütte	SD50 / 63 / 80	VD 63 D 390 A	101709	8	20,0	121,2
Schütte	SD89	VD 63 D 390 A/1	101710	8	19,9	117,3
Schütte	SE16 / 18	SE 16 D 390 B	101711		13,4	58,0
Schütte	SE25 / 26	SE 25 D 390 A	101712		13,4	59,2
Schütte	SF13	C 3220-B-00 SZ	101713		9,5	55,6
Schütte	SF20	C 3220-B-11 SZ	101714		11,5	63,1
Schütte	SF26A	C 3220-B-11 SL	101715		13,7	65,1
Schütte	SF26 / 32 AF26 / 32	C 3220-A-23 Z	101716		17,5	92,2
Schütte	SF26 / 32	C 3220-B-23 Z	101717		17,5	92,2
Schütte	SF26 / 32N AF26 / 32N	C 3220-C-23 Z	101718		17,5	92,2
Schütte	SF40 / 42 / 51	C 3220-A-44 SZ	101719		17,5	106,0
Schütte	SF51 / 67 AF51 / 67	C 3220-B-45 Z	101720		17,6	105,0
Schütte	SF67 / 81 AF67 / 81	C 3220-B-66 Z	101721		18,6	111,0
Schütte	SF81	C 3220-A-67 SZ	101722		18,4	111,2
Schütte	SF100	C 3220-77 SL	101723		18,5	105,6
Schütte	SFH160	C 3220-C-44 SF	101724		12,8	88,8
Schütte	SF26L	C 3220-C-11 SL	101725		13,6	65,0
Schütte	SG18 / AG20	B 3220-A-G1 SZ	101726		11,8	65,0
Steinhäuser	KS20 / 25 KS32 / 42 / 50	---	100404	9	2,0	89,1
Tornos	AS14 / SAS16 Hauptspindel	12 149	100501		7,9	48,0
Tornos	AS14 / SAS16 Greifeinrichtung	24 17	100502		4,9	32,4
Wickman	1''	101 V 104 0	103203	10	18,4	77,9
Wickman	5/8''	401 X 104 A	103204	10	18,3	57,0
Wickman	1 3/8''; 1 3/4'' 2 1/4''	301 V 104 0	103202	10	27,9	100,8
Wickman	3 1/4''	501 V 138 HA/38	103201		34,2	117,0

Kupplungshebel

Hersteller	Maschine	Originalnummer	Art.Nr.	Fig.	Breite	Länge
Ortlinghaus		I-100-046-23-000-000	103901		9,8	65,0
Ortlinghaus		I-300-046-15-000-000	103902		7,8	61,0
Ortlinghaus		I-100-046-15-000	103903		7,8	55,0
Ortlinghaus		I-100-046-23-154	103906		9,8	57,5
Ortlinghaus		I-100-046-31-000-000	103905		11,9	71,0
Ortlinghaus		I-100-046-39-000	103907		9,9	95,0
Schütte	SE16	SE16C2538A	101729		9,8	64,0
Schütte	SE25	SE25C2538A	101728		11,8	71,0