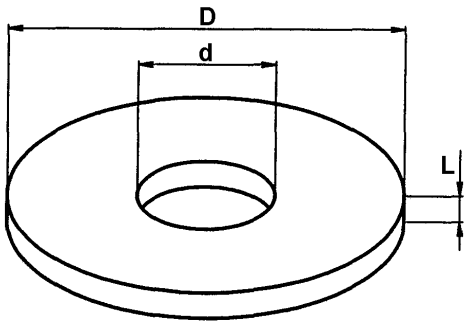
Kurvenscheiben Stahl — *Cam Disks Steel Version*

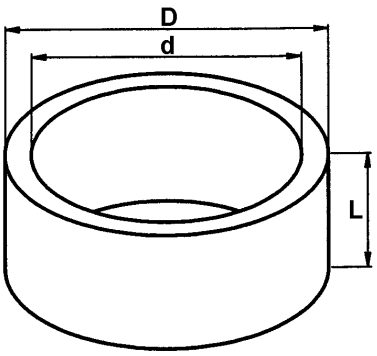


Bestell-Nr. *order-no.*	D	d	L
V400.0783010	78	30	10
V400.0804610	82	46	10
V400.0864610	86	46	10
V400.0883010	88	30	10
V400.0884610	88	46	10
V400.0893012	89	30	12
V400.0902008	90	20	8
V400.0903006	90	30	6
V400.0904510	90	45	10
V400.0923006	92	30	6
V400.0964012	98	40	12
V400.0964410	96	44	10
V400.0994012	99	40	12
V400.1002408	100	24	8
V400.1002410	100	24	10
V400.1002808	100	28	8
V400.1003010	100	30	10
V400.1063010	106	30	10
V400.1063012	106	30	12
V400.1102008	110	20	8
V400.1102606	110	26	6
V400.1102808	110	28	8
V400.1103208	110	32	8
V400.1104206	110	42	6
V400.1104512	110	45	12
V400.1104612	110	46	12
V400.1153006	115	30	6
V400.1153010	115	30	10
V400.1185812	118	58	12
V400.1202008	120	20	8
V400.1202410	120	24	10
V400.1202610	120	26	10

Bestell-Nr. *order-no.*	D	d	L
V400.1202808	120	28	8
V400.1203006	120	30	6
V400.1203007	120	30	7
V400.1203208	120	32	8
V400.1204010	120	40	10
V400.1236412	123	64	12
V400.1243208	124	32	8
V400.1244208	124	42	8
V400.1252008	125	20	8
V400.1252608	125	26	8
V400.1252808	125	28	8
V400.1253208	125	32	8
V400.1254208	125	42	8
V400.1302008	130	20	8
V400.1303006	130	30	6
V400.1303208	130	32	8
V400.1304008	130	40	8
V400.1304208	130	42	8
V400.1304512	130	45	12
V400.1402008	140	20	8
V400.1402410	140	24	10
V400.1402610	140	26	10
V400.1402808	140	28	8
V400.1403008	140	30	8
V400.1403208	140	32	8
V400.1403608	140	36	8
V400.1404010	140	40	10
V400.1404508	140	45	8
V400.1405010	140	50	10
V400.1503608	150	36	8
V400.1504010	150	40	10
V400.1505010	150	50	10

Bestell-Nr. *order-no.*	D	d	L
V400.1562808	156	28	8
V400.1584810	158	48	10
V400.1585810	158	58	10
V400.1602008	160	20	8
V400.1602408	160	24	8
V400.1602410	160	24	10
V400.1602610	160	26	10
V400.1602808	160	28	8
V400.1603006	160	30	6
V400.1603208	160	32	8
V400.1604010	160	40	10
V400.1604512	160	45	12
V400.1663208	166	32	8
V400.1703510	170	35	10
V400.1704010	170	40	10
V400.1753510	175	35	10
V400.1802008	180	20	8
V400.1803208	180	32	8
V400.1804010	180	40	10
V400.1904010	190	40	10
V400.2002008	200	20	8
V400.2002410	200	24	10
V400.2002610	200	26	10
V400.2003010	200	30	10
V400.2003208	200	32	8
V400.2003608	200	36	8
V400.2004010	200	40	10
V400.2102410	210	24	10
V400.2202010	220	20	10
V400.2202410	220	24	10
V400.2202610	220	26	10
V400.2203208	220	32	8
V400.2204010	220	40	10
V400.2402010	240	20	10
V400.2404010	240	40	10
V400.2502610	250	26	10
V400.2504010	250	40	10
V400.2602810	260	28	10
V400.2602812	260	28	12
V400.2604010	260	40	10
V400.2704010	270	40	10
V400.2804010	280	40	10
V400.3004010	300	40	10

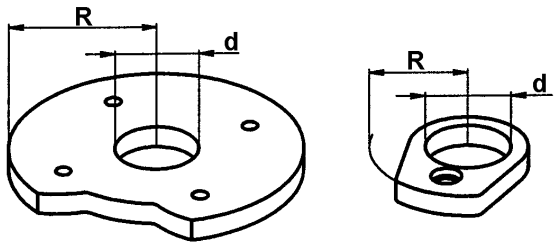
Glockenkurven Stahl — *Steel Tubes for Cams*



Bestell-Nr. *order-no.*	L	D	d	Maschine *machine*	Funktion *function*
V402.040	40	80	60	TRAUB A15-20-25 SAIC B26-30 A30 GIORGI 20-25-32 CASER 26	Drehen *turning*
V402.050	50				
V402.060	60				
V402.070	70				
V402.080	80				
V402.090	90				
V403.050	50	99	78	CASER 26-30 MERLI 26	Reitstock *tailstock* Gew.schneid-apparat *tapping unit*
V403.060	60				
V403.070	70				
V403.075	75				
V403.080	80				
V404.030	30	108	84	SAIC B26-30 SAIC A30 ITS26	Gew.schneid-apparat *tapping unit*
V404.040	40				
V404.050	50				
V404.060	60				
V404.070	70				
V404.080	80				
V404.090	90				
V404.100	100				
V405.025	25	104	80	GIORGI GM20-25-32	Gew.schneid-apparat *tapping unit*
V405.035	35				
V405.040	40				
V405.050	50				
V405.060	60				
V405.070	70				
V405.080	80				
V405.090	90				

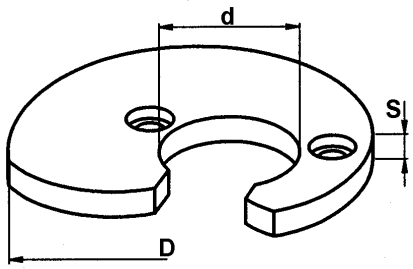
Bestell-Nr. *order-no.*	L	D	d	Maschine *machine*	Funktion *function*
V406.040	40	108	88	GIORGI 20-25-32 SAIC B26-30 / A30 ITS26	Reitstock *tailstock*
V406.050	50				
V406.060	60				
V406.070	70				
V406.080	80				
V406.090	90				
V406.100	100				
V406.120	120				
V407.040	40	120	104	STROHM 150-125 Tornos R10	Dreispindel-apparat *3-spindle unit*
V407.045	45				
V407.050	50				
V407.060	60				
V407.070	70				
V407.080	80				
V408.040	40	115	95	TRAUB A15-20-25 TRAUB A36-42-60	Reitstock *tailstock* Gew.schneid-apparat *tapping unit* Drehen *turning*
V408.050	50				
V408.060	60				
V408.070	70				
V408.080	80				
V408.090	90				
V408.100	100				
V408.110	110				
V408.120	120				
V410.040	40	130	110	TRAUB TD 16-26-36	Reitstock *tailstock* Revolver *revolver*
V410.050	50				
V410.060	60				
V410.070	70				
V410.080	80				
V410.090	90				
V410.100	100				
V410.110	110				
V410.120	120				
V410.130	130				
V410.140	140				
V412.050	50	150	25	TRAUB A42-60 TRAUB TB42-60 SAIC B45 ITS 36-42-60	Reitstock *tailstock* Revolver *revolver*
V412.060	60				
V412.070	70				
V412.080	80				
V412.090	90				
V412.100	100				
V412.110	110				
V412.120	120				
V412.130	130				
V412.140	140				
V412.150	150				

Kurven für Stoppanschlag gehärtet — *Bar Catch Cam Disks Hardened*



Bestell-Nr. *order-no.*	Winkel *angle*	R	d	Bild	Maschine *machine*
V420.101	46°	36	30	1	Traub A15-15-20-25
V420.201	46°	36	30	1	SAIC/ITS / Giorgi/20-25-32
V420.601	42°	47	40	1	Traub A36-42-60
V420.701	48°	80	45	2	Traub TB30-42-60

Kurven gehärtet für Quer- und Senkrechtsupport — *Cam Disks Hardened, for Crosswire and Vertical Slide*

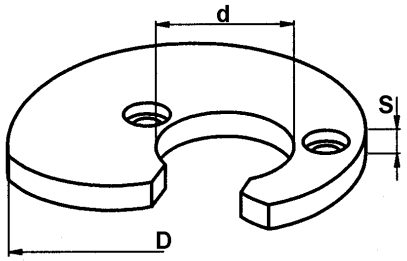


Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 76 d = 30 S = 10	Maschine *machine*	Schlitten *slide*
V421.101	30°	0 1 2 3 4 5		
V421.101	60°	0 1 2 3 4 5 6 7 8		
V421.101	90°	0 1 2 3 4 5 6 7 8 9 10 11 12	Traub A15-20-25	Hor.
V421.101	120°	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	SAIC B26-30	Hor.
V421.101	150°	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	SAIC A26-30-32	Hor.-Vert
V421.101	180°	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Giorgi 20-25-30-32	Hor.
V421.101	200°	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	ITS 26	Trav.
V421.101	220°	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Feinler FA10-15	Hor.-Vert
V421.101	240°	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	CASER 26-30	Hor.-Vert
V421.101	260°	0 2 4 6 8 10 12 14 16 18 20		

Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 130 d = 45 S = 12	Maschine *machine*	Schlitten *slide*
V421.205	90°	0 1 2 4 5 6 8 10 12 14 15 16 18 20		
V421.205	120°	0 1 2 4 5 6 8 10 12 14 15 16 18 20 22		
V421.205	150°	0 1 2 4 5 6 8 10 12 14 15 16 18 20 22 24 25 26 28 30	ITS 36-42-60	Hor.-Vert
V421.205	180°	0 1 2 4 5 6 8 10 12 14 15 16 18 20 22 24 25 26 28 30 32		
V421.205	220°	0 1 2 4 5 6 8 10 12 14 15 16 18 20 22 24 25 26 28 30 32		

Kurven gehärtet für Quer- und Senkrechtsupport

Cam Disks Hardened, for Crosswire and Vertical Slide



Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 96 d = 40 S = 12	Maschine *machine*	Schlitten - *slide*
V421.601	60°	0 1 2 3 4 5 6 8	Traub A26	Hor.-Vert
V421.601	90°	0 1 2 3 4 5 6 8 10 12 14	Traub A36-42-60	Hor.
V421.601	120°	0 1 2 3 4 5 6 8 10 12 14 16 18	SAIC B45	Hor.
V421.601	150°	0 2 4 6 8 10 12 14 16 18 20 22	CASER 42-45-50	Hor.-Vert
V421.601	180°	0 2 4 6 8 10 12 14 16 18 20 22 24 26		
V421.601	220°	0 2 4 6 8 10 12 14 16 18 20 22 24 26		
V421.601	260°	0 2 4 6 8 10 12 14 16 18 20 22 24 26		

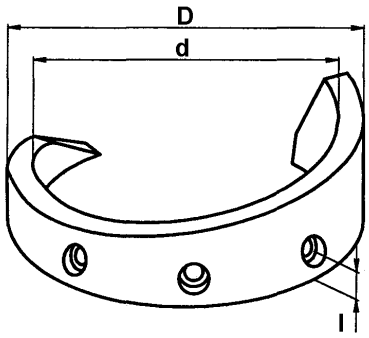
Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 160 d = 45 S = 12	Maschine *machine*	Schlitten - *slide*
V421.701	90°	0 1 2 3 4 6 8 10 12 14 16 18 20	Traub TB30-42-60	Hor.-Vert
V421.701	120°	0 1 2 3 4 6 8 10 12 14 16 18 20 22 24 26 28 30		
V421.701	150°	0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32		
V421.701	180°	0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32		
V421.701	220°	0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32		

Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 90 d = 45 S = 10	Maschine *machine*	Schlitten - *slide*
V422.101	60°	1 2 3 4 5 6 7 8	Traub A15-20-25	Vert.
V422.101	90°	1 2 3 4 5 6 7 8 9 10 11 12		
V422.101	120°	2 3 4 5 6 7 8 9 10 11 12 13 14 15		
V422.101	150°	2 3 4 5 6 7 8 9 10 11 12 13 14 15		
V422.101	180°	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16		
V422.101	220°	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16		
V422.101	240°	4 5 6 7 8 9 10 11 12 13 14 15 16		
V422.101	260°	4 6 8 10 12 14 16		

Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 80 d = 46 S = 10	Maschine *machine*	Schlitten - *slide*
V422.201	60°	1 2 3 4 5 6 7 8 10	SAIC B26-30	Vert.
V422.201	90°	1 2 3 4 5 6 7 8 10 11 12	ITS 26	Vert.
V422.201	120°	1 2 3 4 5 6 7 8 10 11 12		
V422.201	150°	1 2 3 4 5 6 7 8 10 11 12		
V422.201	180°	2 3 4 5 6 7 8 9 10 11 12 13 14		
V422.201	220°	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16		

Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 118 d = 58 S = 12	Maschine *machine*	Schlitten - *slide*
V422.601	90°	2 4 6 8	Traub A36-42-60	Vert.
V422.601	120°	2 4 6 8 10		
V422.601	150°	2 4 6 8 10 12 14 16 18 20 22 24		
V422.601	180°	2 4 6 8 10 12 14 16 18 20 22 24 26		
V422.601	220°	2 4 6 8 10 12 14 16 18 20 22 24 26		

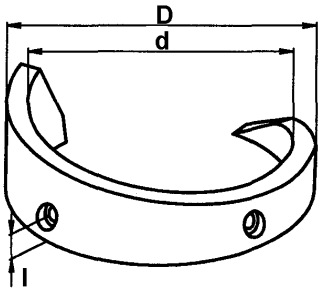
Glockenkurven gehärtet, für Langdreheinrichtung — *Cam Tube Hardened, for Lathes*



Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 80 d = 60 l = 10	Maschine *machine*
V430.101	180°	10 15 20 25 30 35 40 50	Traub A 15-20-25 Casar TA26-30 SAIC E26-30 A26-30-32 Giorgi 20-25-30-32/ ITS 26
V430.101	220°	10 15 20 25 30 35 40 50 60	
V430.101	240°	20 30 40 50 60	

Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 115 d = 95 l = 15	Maschine *machine*
V430.601	180°	10 20 30 40 50 60	Traub A26-36-42-60
V430.601	220°	10 20 30 40 50 60 70	
V430.601	240°	40 60 80	

Glockenkurven gehärtet, für Gewindeschneidapparat — *Cam Tubes Hardened, for Tapping Equipment*



Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 115 d = 95 l = 15	Maschine *machine*
V431.101	100°	5 8 10 12 15 18 20 23 25 30 35	Traub A15-20-25
V431.101	120°	5 8 10 12 15 18 20 23 25 30 35 40	

		D = 104 d = 80 l = 11	
V431.201	90°	6 8 10 12 15 18 20 23 25 30	Giorgi 20-25-30-32
V431.201	120°	6 8 10 12 15 18 20 23 25 30 35	

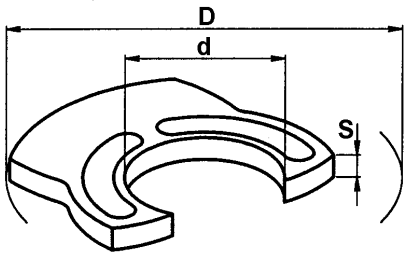
		D = 108 d = 84 l = 11	
V431.202	100°	5 8 10 12 15 18 20 22 25 28 30 35	SAIC B26-30 A26-30-32 ITS 26 (Alter Typ)
V431.202	120°	5 8 10 12 15 18 20 22 25 28 30 35	

		D = 108 d = 88 l = 15	
V431.203	100°	10 12 15 18 20 22 25 28 30 35	ITS 26 (Neuer Typ)
V431.203	120°	10 12 15 18 20 22 25 28 30 35	

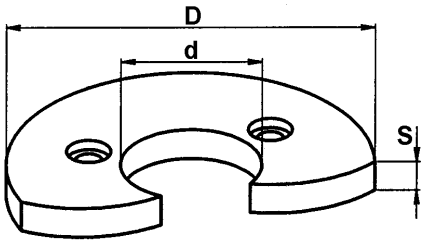
Glockenkurven gehärtet, für Vorschub Gewindeschneidapparat

Cam Disks Hardened for Feed Tapping Equipment

Bestell-Nr. *order-no.*	D	d	S	Maschine *machine*
V425.101 A	90	36	5	Traub A 15-20-25
V425.101 B	90	36	5	



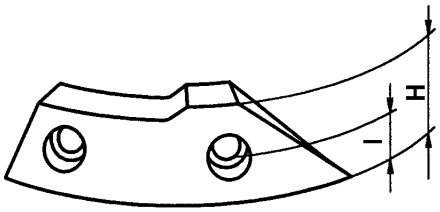
Bestell-Nr. *order-no.*	Winkel *angle*	Hub *stroke*	D	d	S	Maschine *machine*
V425.201	120°	0	88	30	10	SAIC B26-30
V425.201	150°					
V425.201	180°					
V425.201	220°					
V425.204	120°		106	30	12	ITS 26
V425.204	150°					
V425.204	180°					
V425.204	220°					



Glockenkurven gehärtet, für Vorschub Gewindeschneidapparat

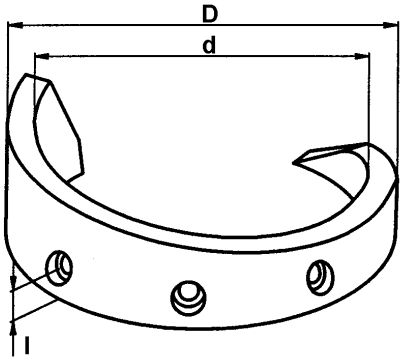
Cam Disks Hardened for Feed Tapping Equipment

Bestell-Nr. *order-no.*	Winkel *angle*	H	D	d	l	Maschine *machine*
V432.101	40°	30	115	95	15	Traub A15-20-25
V432.101	50°					
V432.101	60°					
V432.101	70°					
V432.101	80°					
V432.101	100°					
V432.201	40°	24	104	80	11	Giorgi 20-25-30-32
V432.201	50°					
V432.201	60^					
V432.201	70°					
V432.201	80°					
V432.201	100°					
V432.202	40°	30	108	84	11	SAIC B 26-30 SAIC A 26-30-32
V432.202	50°					
V432.202	60°					
V432.202	70°					
V432.202	80°					
V432.202	100°					
V432.203	40°	30	108	88	15	ITS26
V432.203	50°					
V432.203	60°					
V432.203	80°					



Glockenkurven gehärtet, für Bohrreitstock

Cam Disks Hardened, for Bore Tailstock Equipment



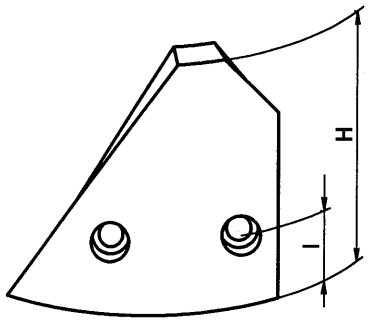
Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 115 d = 95 l = 15	Maschine *machine*
V433.101	150°	0 5 8 10 12 15 18 20 23 25 28 30 35 40	Traub A 15-20-25
V433.101	180°	0 5 8 10 12 15 18 20 23 25 28 30 35 40 45 50 55 60	
V433.101	200°	0 5 10 15 20 25 30 35 40 45 50 60	
V433.101	220°	0 5 8 10 12 15 18 20 23 25 28 30 35 40 45 50 55 60 65 70	

Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 108 d = 88 l = 15	Maschine *machine*
V433.201	150°	0 5 8 10 12 15 18 20 23 25 28 30 35 40	Giorgi 20-25-30-32 SAIC A26-30-32 B26-30 ITS 26
V433.201	180°	0 5 8 10 12 15 18 20 23 25 28 30 35 40 45 50	
V433.201	220°	0 5 8 10 12 15 18 20 23 25 28 30 35 40 45 50 55 60 65	

Bestell-Nr. *order-no.*	Winkel *angle*	Hub - *stroke* D = 150 d = 125 l = 20	Maschine *machine*
V433.601	150°	0 5 10 15 20 25 30	TRAUB A26-36-42-60 TRAUB TB30-42-60 ITS36-42-60 SAIC B45
V433.601	180°	0 10 15 20 25 30 35 40 45 50 55 60	
V433.601	200°	20 25 30 35 40 45 50 55 60	
V433.601	220°	10 15 20 25 30 35 40 45 50	
V433.601	220°	55 60 65 70 75 80 85 90	

Rückzugskurven gehärtet, für Bohrreitstock / Langdreheinrichtung

Cam Tubes for Return Hardened, for Bore Tailstock and Lathe Equipment



Bestell-Nr. *order-no.*	Winkel *angle*	H	l	Für Bestell-Nr. *for order-no.*	Funktion	Maschine *machine*
V437.101	60°	70	20	V433.101	Bohrreitstock	Traub A15-20-25
V437.103	50°	49	10	V430.101	Langdreheinrichtung	Traub - SAIC - ITS - Giorgi - CASAR 25
V437.104	90°	112	20	V433.103	Bohrreitstock	Traub TD 16-26-36
V437.201	56°	62	20	V433.201	Bohrreitstock	SAIC - ITS - Giorgi 20-25-30-32
V437.601	90°	125	20	V433.601	Bohrreitstock	Traub - SAIC - ITS - 36-42-60
V437.602	90°	125	20	V430.205	Langdreheinrichtung	ITS 36-42-60

Kurven gehärtet, für Zangenspanneinrichtung

Cam Tubes Hardened, for Open-Close Collet equipment

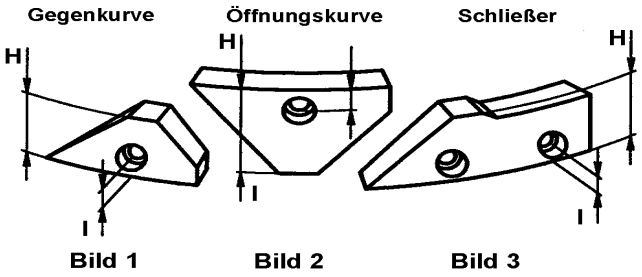


Bild 1 Bild 2 Bild 3

Bestell-Nr. *order-no.*	Bild	H	l	Maschine *machine*
V439.101	1	24	11	Traub - SAIC - ITS - Giorgi - 15-20-25-26-30-32
V439.102	2	32		
V439.103	3	29		
V439.601	1	32	12,5	Traub A 36-42-60
V439.602	2	35		
V439.603	3	39		
V439.701	1	42,5	12,5	Traub TB 30-42-60
V439.702	2	49		
V439.703	3	47		

Kurven für diverse Maschinen — *Cam Tubes and Disks for Different Machines*

Nur auf Nachfrage — *only on request*

Bestell-Nr. *order-no.*	D	d	S	Schlitten - *slide*	Maschine *machine*	Bild
V418.240	240	40	10	Revolver - *revolver*	ATA 40	10
V417.150	150	40	10	Hor. - *horizontal*	ATA 40	4
V433.203	99	78	10		CASER TA26-30	6
V433.243	115	90	16		CASER TA45-50	6
V418.240	240	40	10	Revolver - *revolver*	DAR 46	10
V417.180	180	40	10	Hor.-Vert. - *hor.-vert.*	DAR 46	4
V433.220	100	81	-		Feinler 10 -15	8
V422.202	96	44	10	Vert. - *vertical*	Giorgi 20-25-32	1
V418.120	120	30	6	Revolver - *revolver*	INDEX DG12	10
V418.090	90	30	6	Hor.-Vert. - *hor.-vert.*	INDEX DG12	4
V418.166	166	32	8	Revolver - *revolver*	INDEX 12-18-25	10
V417.125	124	42	8	Vert. - *vertical*	INDEX 12-18-25	4
V417.125B	124	32	8	Hor. - *horizontal*	INDEX 12-18-25	4
V418.220	220	32	8	Revolver - *revolver*	INDEX C 19-29	10
V417.140	140	36	8	Hor.-Vert. - *hor.-vert.*	INDEX C 19-29	4
V418.240	240	40	10	Revolver - *revolver*	INDEX 24-36-52	10
V418.240	240	40	10	Revolver - *revolver*	INDEX B42-60	10
V417.150	150	50	10	Vert. - *vertical*	INDEX 24-36-52	4
V417.150B	150	40	10	Hor. - *horizontal*	INDEX 24-36-52	4
V417.150B	150	40	10	Hor. - *horizontal*	INDEX B42-60	4
V422.205	110	45	12	Vert. - *vertical*	ITS 36	1
V418.240	240	40	10	Revolver - *revolver*	LOGOS 42-52	10
V417.150	150	40	10	Hor. - *horizontal*	LOGOS 42-52	4
V422.801	123	64	12	Vert. - *vertical*	SAIC B45	1
V421.805	115	48	12	Hor. - *horizontal*	SAIC 50	1
V433.809	139	115	13		SAIC 50	5
V417.125C	125	28	8	Vert. - *vertical*	Strohm 75-125	3
V419.180	180	20	8		Strohm 75-125	11
V417.125D	125	20	8		Strohm 75-125	3
V419.260	260	26	10		Strohm 205-255	11
V417.175B	175	26	10		Strohm 205-255	3
V417.175	175	35	10	Vert. - *vertical*	Strohm 205-255	3
V418.240	240	40	10	Revolver - *revolver*	TAREX 42-52	10
V417.150	150	40	10	Hor. - *horizontal*	TAREX 42-52	4
V421.103	130	40	8	Vert.-Hor. - *hor.-vert.*	Traub TD16-26-36	2
V433.103	130	110	12,5		Traub TD16-26-36	5
V434.130	130	110	12,5	Revolver - *revolver*	Traub TD16-26-36	7
V435.090	90	70	-		Traub TD16-26-36	9
V434.115	115	95	15	Revolver - *revolver*	Traub A25	7
V434.150	150	125	20	Revolver - *revolver*	Traub TB30-42-60	7
V435.120	120	95	-		Traub TB30-42-60	9

Bild 1



Bild 2

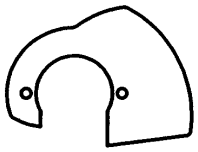


Bild 3

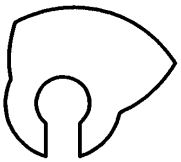


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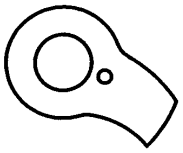


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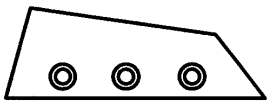


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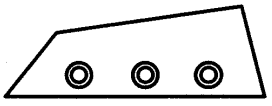


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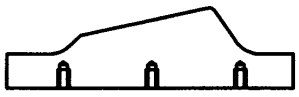


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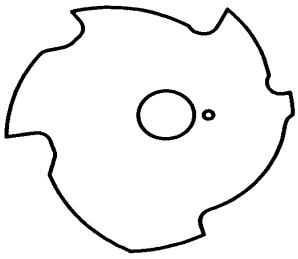
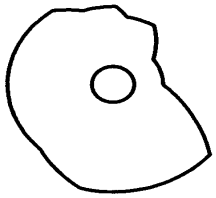


Bild 11



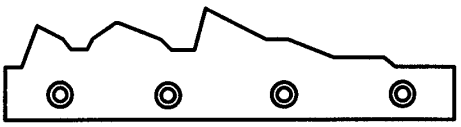


Bild 7

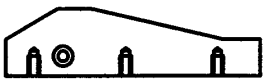


Bild 9