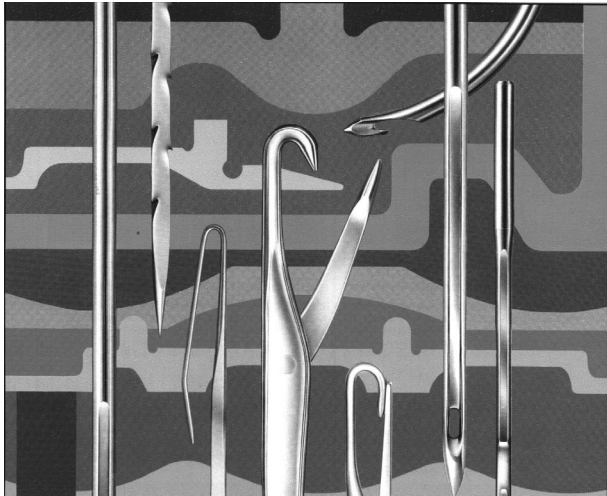


GROZ-BECKERT® Needles of High Precision



When you want to produce Knitwear of First-Class-Quality with high efficiency, no problems and no downtime, insist on Progress in Needle Technology from Groz-Beckert!

- * Low profile meander-form needles with high-speed needle heads for modern large diameter knitting machines.
 - * Ladies Seamless hosiery needles with meander-form shoulders, low profile shanks and high-speed needle heads run up to 1,000 rpm.
 - * Transfer needles with high-performance clips for stitch transfer machines.
 - * Links-links needles for top quality purl stitch fabric.
 - * Compound needles for high-speed Raschel, warp knitting, and weft insertion machines.
- Groz-Beckert, where progress and quality are present in every needle we deliver:
Groz-Beckert today — needle technology of tomorrow.

GROZ-BECKERT®
NEEDLES OF HIGH PRECISION

For more than 20 years  is appointed dealer* of



Präzisionsplatten für Maschenqualität Hier werden sie entwickelt und produziert

In unserem Stammwerk auf einer Hochebene des Schwarzwaldes, wo Präzision seit Jahrhunderten Tradition ist.
Ihr weltweiter Erfolg in der Maschentechnik, ausgewiesen durch die steil ansteigende Umsatzkurve, ist ein Beweis ihrer Qualität

und das Ergebnis einer konsequenten Unternehmenspolitik:

- * Das Vertrauen unserer Kunden durch gute Leistung und pünktliche Lieferung zu entgelten.
- * Den Verbund der Produktionsbereiche Platinen, Federn, Baugruppen und Dosiertechnik beizubehalten, weil er sich in den Turbulenzen der Weltwirtschaft als krisenfest erwiesen hat.
- * Die Erfahrungen in der Materialentwicklung und Qualitätssicherung von einem Bereich auf den anderen zu übertragen.

Unsere ständige Lieferbereitschaft erspart den Strickern und Maschinenbauern eine umfangreiche Bevorratung und bieten ihnen jederzeit, was sie vom größten Platinenhersteller erwarten:
Originalplatinen hoher Leistung und Lebensdauer
als Garanten für wirtschaftliche Produktion und verkaufssichere Ware.

KERN-LIEBERS

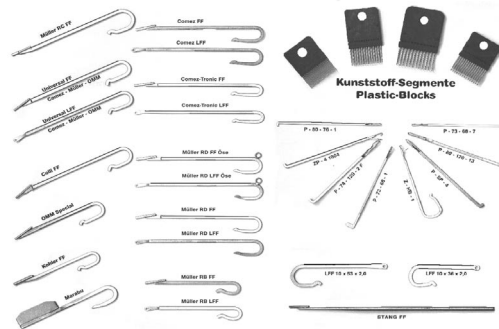
Präzisionsplatten für Maschenqualität



DIN EN ISO 9001

* in the former Federal states.

Accessories for crocheting machines



9108 JOMRO Needle Oil

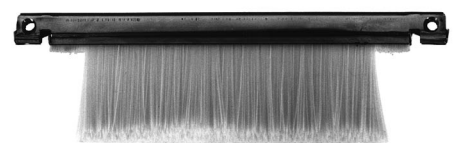
Oil of high quality, especially for the lubrication of needles and sinkers of knitting machines.

- washable
- clear as water
- extremely fluent
- free of resins
- protecting against rust
- protecting against wear and tear

Protecting against the results (overload) of higher speeds and accelerations in the needle and sinker tricks of up-to-date knitting machinery.

Article-No.	Type	Size mm	Colour	suitable for
2129/2	S	120/100x30	white	Stoll 220
2130	S	80x41	black	Universal MC-740
2131	D	43x26	nature	Diamant FRJ 5480/5
3278/1	S	80x34	white	Universal DUJA , MC 410 - MC 610, Schaffhauser DOFU
3279/2	D	54x28	white	Schaffhauser GDN
3282/1	D	75x35	black	Schaffhauser DJFU
3285	S	8x120x35	white	Stoll CNCA-3 KT, CNCA-3B
3286/1	S	60x33	white	Stoll CNCA-3 IM
3286/2	S	60x30	white	Stoll CNCA-3 IM, CNCA-3 KT
3287	S	85x120x35	white	Stoll CNCA-3 B
3288		130x41	black	Universal MC 642, MC643
3289	S	120x34	black	Universal MC 640
3291	D	80x28	black	Universal MC 611
3292	S	120x32	black	Steiger

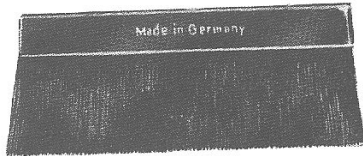
Brushes for Flat Knitting Machines



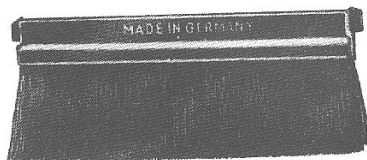
2129/2



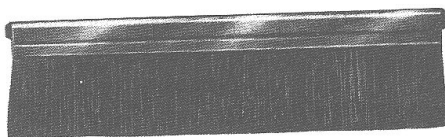
2128



2104-2110,3279



2111-2115, 3278



2116-2117

Article-No.	Type*	Size mm	Colour	suitable for
2104/2	D	40x25	white	
2108/1	D	60x25	black	
2108/2	D	60x25	white	Universal Supramat A+B Perfekta S+D Superior R+D Record, Spezial, Transrapit
2109/1	D	60x25	black	
2109/2	D	60x28	white	
2110/1	D	60x30	black	
2110/2	D	60x30	white	
2111/1	S	60x25	black	
2111/2	S	60x25	white	
2112/1	S	60x28	black	Alemannia F8, Singer-A Bentley A, Universal MCI,MCU
2112/2	S	60x28	white	Universal MCI MCII, MCZ
2113/1	S	60x30	black	Stoll AJUM, IBOM/b KZR E 10, ANV 31325 ANVH
2113/2	S	60x30	white extra fine	Stoll AJUM, IBOM/b, KZR E 12/14
2113/3	S	60x30	grey/hardmell iert	Stoll AJUM, IBOM/b, KZR E 4/8, ANVH-B-ES
2115/1	S	80x28	black	
2115/2	S	80x28	white	
2115a/1	S	80x30	black	
2115a/2	S	80x30	white	
2116/2	S	100x25	white	
2117a/1	S	100x30	black	
2117a/2	S	100x30	light	Stoll CMS
2120	S	60x30	black	Shima-Seiki EHH-60301 brush not stepped
2120/1	D	50x25	light	Shimo-Seiki EHH-5025
2120/2	D	50x30	light	Shima-Seiki EHH-5019
2120/3	D	50x19	black	Shima-Seiki EHH-5019
2122	S	80x35	white	Stoll CNCA 3KT
2122/1	S	120x38	white	Stoll DNVH-G
2122/2	S	80x30	mioced	Stoll ANVH 4-4 M
2122/3	S	110/35,5	white	Stoll CMS, swivel brush E4-8
2122/4	S	1000/29	white	Stoll CMS 400-402
2122/5	S	110/37	white	Stoll CMS 400-402
2122/6	S	120/37	white	Stoll CMS E 10-14 swivel brush
2122/7	D	60 x 30	grey, hard	ident no. 31324
2122/8	D	60 x 30	white	ident no. 71914
2122/9	S	80/120/35		ident no. 72498, without screw hole

*Types: D= single pressed, S= anchored bristles

Brushes for Circular Machines and Stocking Looms

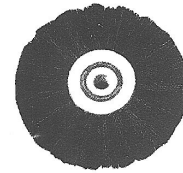
Article-No.	Brush-Type	Size mm	Type
3635	circular	18x30	with two-row bristles
3636	circular	18 x 40	with two row bristles
3637	circular	19x45	with two-row bristles
3645	circular	42 mm Ø	with metal core, type Wildt

Brushes are available as well in other sizes and types. In case of order or inquiries please indicate quantities and kind of bristles or send a sample.

Brushes for Circular Linking Machine

Article-No.	brush-type	Size mm	Type
3659	circular	55x80	three-row black bristles, hard

Brushes for Circular Linking Machines



3635/3636



3645



3659

Disc brakes for flat and circular knitting machines

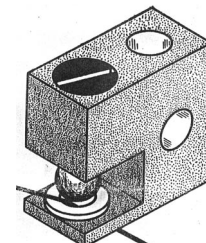
4131 Ball disc brake for textile machines like circular and flat knitting machines, stocking looms, linking machines and others.

Technical data:

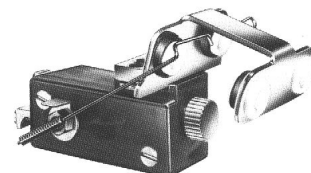
- dimensions: 30 x 30 x 15 mm
- 1 piece nylon ball
- adjusting knot catcher
- to be mounted on 8 mm horizontal and vertical round bar
- made from aluminium, antistatic

Special characteristics:

1. Free circulating nylon ball for constant yarn tension.
2. No further adjusting necessary, as the yarn tension will be regulated by the steady weight of the nylon ball.
3. The nylon ball cannot be lost but easily be replaced.
4. The function of the disc brake cannot be affected by flying fibres or fluff accumulation.
5. Simple and quick handling of the thread
6. Mounting to every single machine without problems.
7. Improvement of the quality of goods especially when producing delicate sprinned or textured yarns.
8. Constant yarn tension at all yarn supplies.



4131

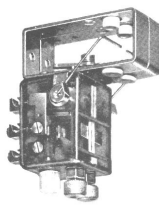


3775

3775 Lower end detector, 24 Volt A/C, detecting 2 ends, feelers stopping individually. red alarm housing of plastic, eyelets of hard ceramic.



3780



3781

3780 Lower end detector, as 3716/2, but closed guide stirrup, in order to eliminate entanglements in case of men made fibres, eyelets of hard ceramic.

3781 Lower end detector, as 3780, but two ends; feelers stopping individually to be set on different yarn tensions.



3160/1-2



3159

3160/1 Disk brake, holed and slotted shaft, 0.4 mm, spring wire.

3160/2 Disk brake, like 3160/1, but wire thickness of the spring.

2147/1 Conical pressure spring, 0.4 mm thick for disc brake 3160/1.

2147/2 Conical pressure spring, 0.6 mm thick for disc brake 3160/2.



3689

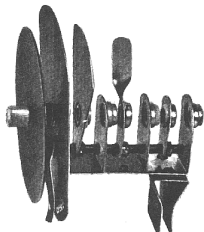


3690

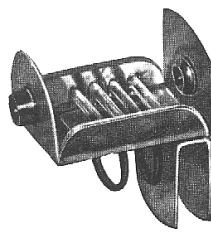
3159 Disk brake, holed and slotted shaft, high gloss nickel-plated, for stop motion 3106.

3689 Disk brake for circular knitting machines, holed and slotted shaft, 25 mm tension disk Ø 0.4 mm spring wire.

3690 Disk brake for circular knitting machines, vertical shaft holed and slotted, with 2 metal tension disks.



4113



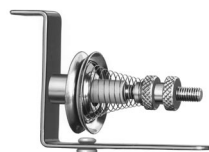
4118

4113 Gate type tension for Cotton machines, with tension control, with large feed disk.

4118 Grid type tension, nickel-plated steel, 4 tension rods and 2 eyelets of hard ceramic, with 2 load rings 4158/1.



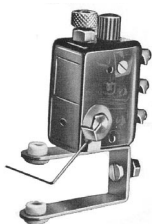
4123



4128

4123 Friction type tension for all yarns, particularly for fine and smooth threads, adjustable tension effect, to be used horizontally or vertically.

4128 Disk brake for stocking looms (e.g. Irmac, etc.), shaft of hard ceramic, steel tension disks, bracket of flat iron, browned.



3716/2

3716/2 Lower end detector, 24 Volt A/C, open guide stirrup, red alarm housing of plastic, control of the yarn tension by a knurled screw, easy changement of the alarm lamp without opening the houseing, eyelets of hard ceramic, fit for finest yarns.

3151 Linolite Lamp, 24 Volt, for stop motions 3715/2, 3772, for lower stop motions 3716/2, 3775, 3780, 3781 for safety lower stop motions 3106.

3749 Needle detector, 12 Volt, with bracket, for circular looms.

3751 Stop motion for sewing machines, 24 Volt working circuit, broken end and empty supply detection up to 6 ends.

3754 Mini needle detector, 24 Volt working circuit, detects broken needles or loops, for circular looms.

3783 Stop motion for circular knitting machines and looms, preferably for control of synthetic fabrics and threads. Vibrations of yarn will be absorbed by the feeler at the feed side of the thread. In case of thread breakage the signal lamp lightens up thus ensuring the switching-off of the machine by means of an electronic stop relay.

Technical data:

- working voltage: 24 Volt alternating current
- circuit power: 1,5 VA

3712 Stop motion with alarm lamp, 12 Volt, broken end, excessive or insufficient yarn tension detection, yarn tension adjustable, thread guides of hard ceramic.

3715/2 Stop motion, with thread guides of hard ceramic.

3744 Stop motion, with light indication, 12 Volt, switch contact on yarn break or too low tension and on excessive yarn tension. yarn tension adjustable, with thread guides of hard ceramic.

3745 Stop motion, as 3744, but 24 Volt

3772 Stop motion with alarm lamp, with quick attachment for quicker mounting. Alternatively conductor (please advise length required) and connection parts upon request

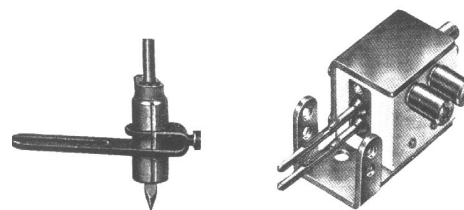
4132 Stop motion for circular knitting machines. Serves the simultaneous inspection of 2 threads. In case of thread brake an electric contact will be released which causes the switching-off of the machine. The electric connection is made by means of a special clamp and the retracting over the machine. When working with one thread the feeder which is not in operation will be arrested. The feeler has adjustable weights.

Technical data:

- Voltage: 24 Volt alternating current
- Circuit power: 24 VA

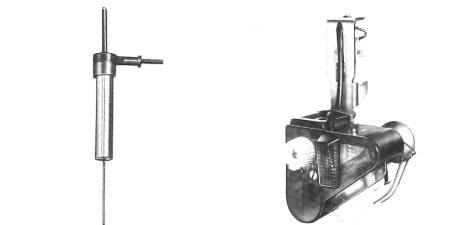
3106 Safety stop motion. 24 Volt, with alarm lamp, detecting broken end, empty supply, and knots.

3114 Tension Spring for safety stop motion 3106.



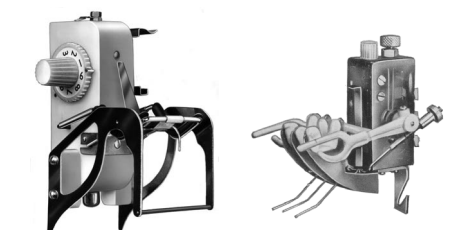
3749

3751



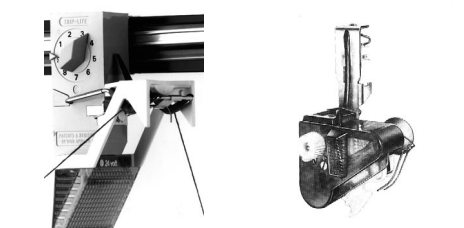
3754

3783



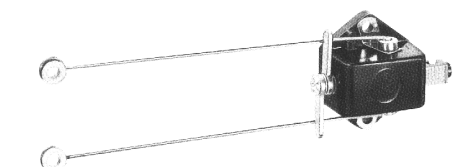
3712

3715/2

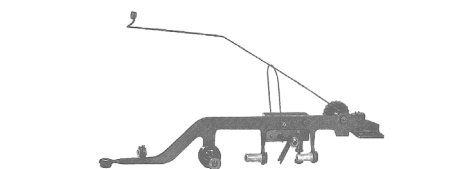


3744/3745

3772



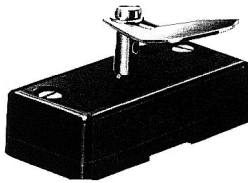
4132



3106



3114



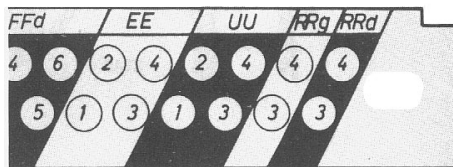
4133

4133 Needle detector for circular and flat knitting machines and stocking looms for control of knitwear and needles. Reacts to broken needles and loops, closed needle-tongues, as well as to overlapping meshes. In this case the feeler deviates from it's centre point and closes the contact, which causes the stop of the textile machine.

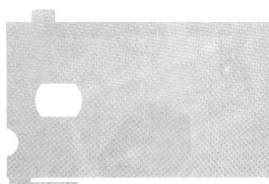
Technical data:

- Working voltage: 24 V alternating current

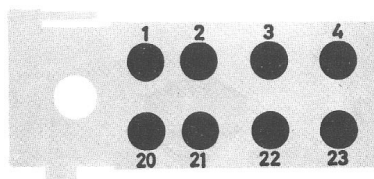
Pasteboards Cards for Flat Knitting Machines



Dubied



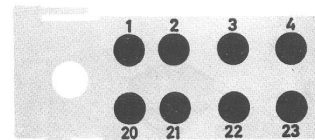
Stoll



Steiger

Article-No.	Size/mm	suitable for
		Allemanina
2286/13 a	38x197	F8
2286/13 b	38x417	F 9
2286/13 c	38x216,5	F8D,F10,F11,F12D,F10Z,F8S
2286/13 e	38x274	F10ST
2286/13 f	38x292,5	F10STJ
		Diamant
2286/2 b	38x195	DWA,KAR
2286/2 e	49x273	DAF 1 U
		Dubied
2286/3 e	31x271,5	DDD,DC,DRBA,DRC,DBA,DSC
2286/3 f	31x271,5	D2,DC-2,DRB-2,DRC-2,DRC-3
2286/3 g	31x410	JDR
2286/3 h	31x249	UC
2286/3 j	31x410	SDR,JDR-2 num.1-82
		Mestre
2286/14 a	49x259	FAJ
		Protti
2286/17 a	33x312	P2F,PT4DC,PT-PRT,PRT
2286/17 c	44x338	PFS DC
		Schaffhauser
2286/16 b	28x357,5	DOFU
2286/16 c	28x357,7	DJFU 160 mm
2286/16 d	28x357,7	DJFU 183 cm
		Stoll
2286/11 c	49x197	IBOM,IBOM/b,IBOM/c,LHJM/c,LHJM/d,LHJM/g
2286/11 d	49x273	AJUM,AJUM1,AJUM1S,AJKM/c,AJKM/d, LIFADO,LIFAM,LIFMO,LIDOM
2286/11 e	33x399	DOFUMA,LIUM,220,DFU
2286/11 f	33x238	DOFMO/Z 85cm,EFMO/Z
2286/11g	33x318	DOFMA,DOFMA/Z,DOFMO/Z 100cm,UDF
		Tricomalla
2286/18 a		

Article-No.	Size	suitable for
2286/11f	33x238	Stoll: DOFMO/ZZ 85 cm, EFMO/Z
2286/11g	33x318	Stoll: DOFMA,DOFMA/Z,DOFMO/Z 100 cm, UDF
2286/18a	38x240	Tricomalla
2286/8 a	42x135	MC
2286/8 c	42x300	DUJA,DUJA 72, 200, 300, MC 410



Steiger

Correction clips for pasteboard cards

Article-No.	for -Ø (mm)	exterior-Ø (mm)	suitable for
2293/3	6	8	Universal MC,DUJA etc.
2293/4	7	9	Stoll, Mestre
2293/5	6-8	10,5	Alemannia,Diamant,Abril



2293/3-5

Pattern tape for electronic flat knitting machines

4758/1 Stoll DS / DST / DSTR / DSTZ / ANV / ANVD / EST / ESTG / ENVG / ENVHG / LNC, Lg 2,200-10



4758/1

4758/2 Stoll ANVH / ANVH-1 / LNCU, Lg. 2,000-12

4758/21 Stoll AND / ANVHD / ANVZ/ ASD, Lg. 2,000-12



4758/3

4758/22 Stoll Eu 226 / Do 227 / ANVH-I, Lg. 2,000-8

4758/3 Pattern tape (perforated tape), in boxes of 300 m each for Stoll ANV / ANVH / ANVH-I / ANVZ / ANVHD / LNCU / LNC / ENVG / ENVHG



4758/22

4758/31 Paper folding type (pattern tape) as 4758/3, but unpunched, in boxes of 300 m.

4758/32 Programming tape (control type) as 4758/1, 4758/2, 4758/21-22, but without print and perforation, in rolls of 300 m each.

4758/4 Slicing labels, in tins of each 100 pieces, for ANV / ANVH.

4758/5 Marking points, in packages of each 540 pieces, for ANV / ANVH.



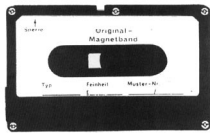
4758/4



4758/5



2148



4816

Clip-Blocks, abt. 75 mm long, made of plastic, for steel skeleton cards Bentley-Alemannia.

2148/1 for gauge E 5

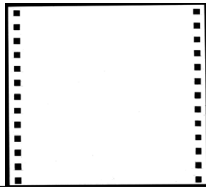
2148/2 for gauge E 7

2148/3 for gauge E 8

2148/4 for gauge E10

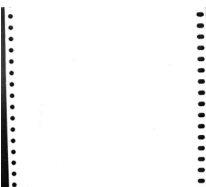
4816 Magnetic type for Universal Mc 610 and Nagata KSC-E

Control film for Cotton machines



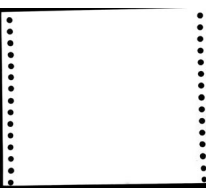
Bentley, Monk

BENTLEY					
Article-No.	Width (mm)	thickne. (mm)	Quality*	hole distance (mm)	hole size (mmØ)
4646/1	111	0,19	XI	7,9	3,3x3,6
4648/1	181	0,19	XI	7,9	3,3x3,6



Boehringer

BOEHRINGER					
Article-No.	Width (mm)	thickne. (mm)	Quality*	hole distance (mm)	hole size (mm Ø)
4654	216	0,19	XI	12	5+5x8



Bordier, FN, Monk

BORDIER					
Article-No.	Width (mm)	thickne. (mm)	Quality*	hole distance (mm)	hole size (mmØ)
4657	175	0,35	XI	10	5,2

FN					
Article-No.	Width (mm)	thickne. (mm)	Quality*	hole distance (mm)	hole size (mmØ)
4659	193	0,19	XI	10	5,2



Sclichter

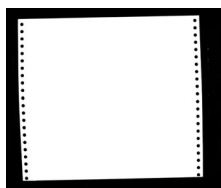
SCHELLER					
Article-No.	Width (mm)	thickne. (mm)	Quality*	hole distance (mm)	hole size (mmØ)
4645	110	0,3	III	12	6x4,5+4,5

*Quality Features:

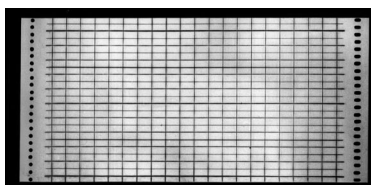
III: Special fibre board of highest tensile strength.
XI: Plastic foil of highest tensile strength.



Control Film for Circular Looms



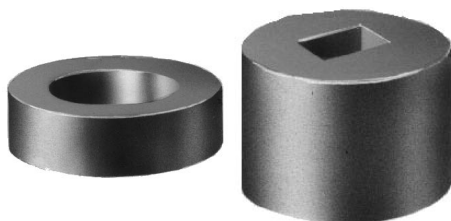
Bentley, Terrot



Jumberca

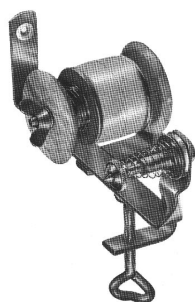


Wax Rings



5151/5554

5152/5313



5169



2241/1



2229/1-2

BENTLEY

Article-No.	Width (mm)	Thickn. (mm)	Quality*	hole distance (mm)	hole size (mm Ø)
4721	200	0,125	XI	10	3,2
4719	200	0,125	XI	5	3,2 black for model RTR8 E

JUMBERCA

Article-No.	Width (mm)	Thickn. (mm)	Quality*	hole distance (mm)	hole size (mm Ø)
4725	292	0,23	II	6	3+3x5 liniert

TERROT

Article-No.	Width (mm)	Thickn. (mm)	Quality*	hole distance (mm)	hole size (mm Ø)
4660/3	154	0,125	XI	6,25	3 white



*Quality Features:

- I: High strength pasteboard
- II: Rigid pasteboard or standard strength
- IV: High quality special pasteboards (Alufol), laminated, paper lined aluminium foil.
- VIII: Monofol (tensile strong foil, lined with brown special fibre board).
- XI: Plastic foil of highest tensile strenght, pure polyester material.
- XIa: Plastic foil with paper insert, oil resistant quality, especially suitable for often change of patterns.

Article-No.	mm Ø	Height (mm)	Hole Ø (mm)
5148	41/44	20	11 x 11
5151	41	15	21
5152	41	24	21
5513	41	25	15
5586	41	25	7 x 7
5554 for Savio	41	15	15

5169 Table waxing device, nickel-plated, with 2 wax rings 5151, for an intensive waxing of the yarn from all sides to get an impeccable construction of meshes.

2241/1 Rubber Band, for take-off rollers, per meter, 50 mm wide.

2241/2 Rubber Band as 2241/1, but 60 mm wide.

2241/3 Rubber Band as 2241/1, but 100 mm wide.

2241/4 Cover for loop beams, self-adhesive, with bures, 50 mm wide.

2229/1 Roller case for Scomar-machine, great model

2229/2 Roller case for Scomar-machine, small model

Rubber Sleeves for fitting take-off rollers, high quality material, with good mechanical and chemical characteristics, pyramidal napping, light brown.

Article-No.	length (mm)	Inner Ø (mm)	Type	suitable for
2248/3	100	70	long, clear, pyramid.	Stoll, Singer, Alemannia
2248/5	55	70	clear, pyramid	Shima-Seiki
2248/6	50	57	small, blue, smooth	Universal MC 613, Shima Seiki
2248/7	50	66	bleu, smooth	Universal ab MC 748
2248/8	50	61	small, blue, smooth	Stoll CMS
2248/9	99	57	long, blue, smooth	Universal, Elite Diamant
2248/11	100	63,5	long, clear, pyramid.	Stoll
2248/12	103	63	long, blue, smooth	Stoll



2248



We will cover your drums quick and cheap with rubber sleeves. Please give us notice.

Strips

2151 Felt Strips for needle beds, 10 x 1.5 mm, in packages of 5 meters each.



2151

Special tools for knitting mills

2367 Needle Pliers of special steel, polished, boyjoint, 160 mm long, gripping faces smooth.

2370/1 Needle Pliers as 2367, but 180 mm long, gripping faces smooth.

2370/2 Needle Pliers as 2367, but 180 mm long, gripping faces rough.

2371 Needle Pliers as 2367, but 190 mm long, gripping faces smooth.

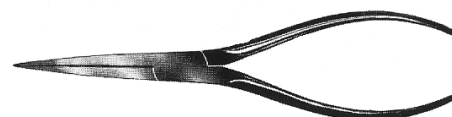
2372 Needle Pliers as 2367, but 180 mm long, gripping faces smooth, bent nose.

2373 Needle Pliers as 2367, but 200 mm long, gripping faces rough, browned handles.

2377 Needle Pliers as 2367, but 215 mm long, gripping faces smooth.

2378 Needle Pliers as 2367, but 250 mm long, gripping faces smooth.

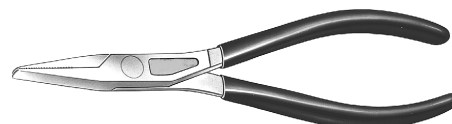
9533 Special Pliers for wire chain opening/closing, with set screw, 180 mm long.



2367/70/71/77/78



2372



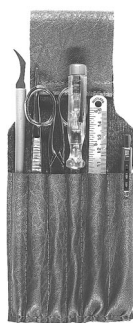
2373



9533



9072/9073



9076

9072 Tool bag, narrow type (abt. 60 mm) for belt fastening, empty, for needle pliers, scissors, tweezers, etc.

9073 Tool bag 9072 for belt fastening, with one needle plier 2370 and one knitter's scissors 9443.

9076 Tool bag of leather, suitable for knitters with 6 partitions for the tools, the tool bag maybe fixed to the belt or inside the pocket.

Dimensions:

Tool bag: abt. 150 mm high and abt. 100 mm wide
Belt loop: abt. 550 mm high and abt. 650 mm wide

The contents are up to your choice (picture shows only a sample)!



9285

9285 Cleaning tools for knitting and hosiery machines, improved design, conical handle 9/5 mm, 110 mm long with needle draw-in-tool 0.60 mm thick, total length 140 mm, yellow.



9286

9286 Cleaning tools as 9285, but with additional work hook 2.40 mm dia, total length: 175 mm, red.



9290

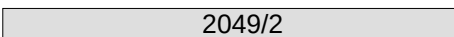
9290 Cleaning tools as 9285, but with additional mending needle 0.94 mm dia., total length: 190 mm, green



2055

2055 Working device with plastic handle, green, with 1 work hook / 1 point.

New working tools, DBGM (registered), for cleaning and maintenance of knitting and hosiery machines. The plastic handles are shaped according to latest scientific findings, and adapted to working methods. The good grip of the handle, designed according to the human fingers, enables muscles relasing, and correct guidance. Length of the handle approx. 110 mm, thickness of 12 mm at a maximum.



2049/2

2049/2 Work hook, with conical plastic handle, length of handle 110 mm, total length 160 mm, handle dia 9/5 mm, red, work hook 2.4 mm dia.



9302-9304

Mending needles			
Article-No.	for gauge	Needle thickness (mm)	Colour
9302	10	0,94	gelb
9303	12	0,86	bleu
9304	14	0,53	rot



9319

9319 Working needle, total length 145 mm, with octagonal steel.



9318

Trick cleaners

Article-No.	Gauge	Article-No.	Gauge	Article-No.	Gauge
2304/4	5	2304/7	8	2304/10	14
2304/5	6	2304/8	10		
2304/6	7	2304/9	12		

Trick chisels for flat knitting machines

Article-No.	Gauge	Article-No.	Gauge	Article-No.	Gauge
2308/1	3	2308/5	6	2308/9	12
2308/2	3,5	2308/6	7	2308/10	14
2308/3	4	2308/7	8	2308/11	16
2308/4	5	2308/8	10		

2310 Trick Chisels for circular looms, by regrinding the top or the conical face fit for different gauges (E 18 - E 22).

2349 Needle Drawer, type Nadelboy, 23 cm long, avoiding damaged needles or needle beds.

3694 Guide Roller for elastic yarn, of plastic, 18 mm Ø, 8 mm wide, on 2 ball bearings, weight of the roller 1.25 g, length of axle without roller of 22 mm, with 2 nuts, M 4, smooth-running.

2299 Trick File, with tang, 150 x 12.5 mm for thickness and Article-Nos. see Table 38.

2300 Trick file, 110 x 20 mm for thickness and Article-Nos. see table 38.

Article-No. 2299/	Article-No. 2300/	Thickness (mm)	Gauge
2299/5		0,70	12
2299/6	2300/6	0,80	12
2299/7		0,90	10

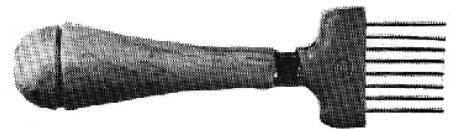
Table 40

4826 Needle Inspection Mirror.

First Class natural teazles

Article-No.	Measurements mm Ø	(mm)
7500	45 x 32/34	4,5
7501	45 x 34/36	4,5
7502	45 x 36/38	4,5
7504	50 x 32/34	4,5
7505	50 x 34/36	4,5
7506	50 x 36/38	4,5

7540 Coil Springs, with cap. 28 mm long, 12 mm Ø.



2304/4-10



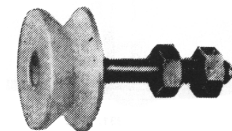
2308/1-11



2310



2349



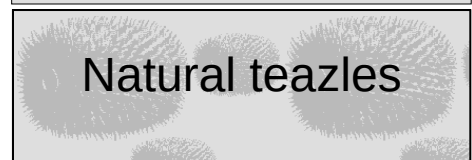
3694



2299/1-7



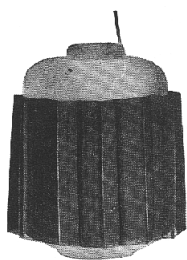
2300/1-7



4826



7540



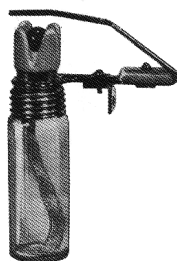
4317-4320



9095

Wind-off sleeves, for overhead supply from cones, pleated, adapting to the packing diameter, avoiding loops, and yarn fallen down under the package.

Article-No.	High (mm)	for cones up to (mm Ø)	Colour
4317	180	200	white
4318	115	150	white
4319	150	150	white
4320	180	160	white



5179 a

5179a Ball Oiler (wick oiler), for knitting and hosiery machines.

9095 JOMRO Oil, clear white, for ball oilers.

Cone Supports, approved design, with adjustable plastic cone.

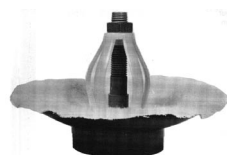
Article-No.	Ø (mm)	Cover
9758/1	172	plush
9758/3	172	foam rubber
9758/4	172	Helanca

Cone Supports

Cone supports, approved design, base plate of plastic, fitted with adustable plastic cones, bore threaded in metric 10 mm (6 mm or 8 mm upon request), Helanca cover.



9928/2



9758/1

Article-No. with single cone 9935	Article-No. with double cone 9936	Ø (mm)	type
9928/1	9928/2	210	pot type, 75 mm high
9929/1	9929/2	220	40 mm high
9931/1	9931/2	250	flat
9932/1	9932/2	190	flat
9933/1	9933/2	260	40 mm high

All cone supports are supplied dismantled!



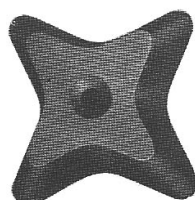
9931/9932



9929

9582 Centering star, for cone supports without cone, diameter of approx. 60 mm.

9584 Centering star, for cone supports without cone, diameter of approx. 80 mm.



9582/9584



5283/1-3

5283/1 Cone holder 9° 15', bore of 8 mm.

5283/2 Cone holder 9 ° 15', bore of 10 mm.

5283/3 Cone holder 9 ° 15', bore of 12 mm.

9935 Adjustable plastic cone, single, base dia. of 80 mm, height of 105 mm.

9936 Adjustable plastic cone, double, base dia. of 80 mm height of 192 mm.

Approved device for troublefree overhead supply, avoiding snarls and loops, yarn fallen down under the package, and reducing yarn vibrations.

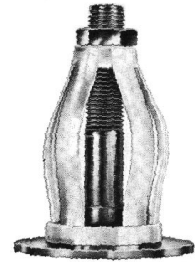
Since the thread is guided under a ring of steel or hard ceramic, yarn will be braked, if the machine stops or reduces the yarn speed.

Approved device

Article-No.	Ø of disk (mm)	Article-No.	Ø of disk (mm)
4321/515	70	4321/569	70
4321/915	55	4321/969	55



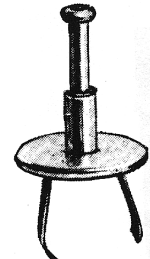
9936



9935



4311/1+7



4321/5+9

Wind off Cap, of plexiglass, with spring.

Wind off Cap

Article-No.	Ø of disk (mm)	Article-No.	Ø of disk (mm)
4311/1	55	4311/7	85

In case of inquiries and orders it is absolutely necessary to indicate the upper inside cone diameter. Disks of other diameters are available upon request. With your order, please send an empty cone so that we can find out the correct size of spring.

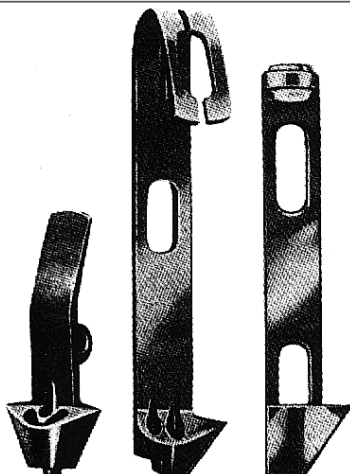


4158/1

4158/1 Brake rings of hard ceramic, 15.0 x 12.0 mm Ø, weight 0.50 g.

Feeders for flat knitting machines

DIAMANT



E=2520 P=2569 E=2574
P=2521

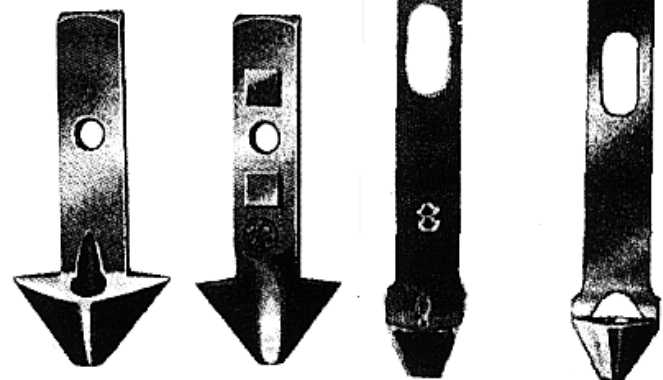
DUBIED

front

back

JDR

DUX

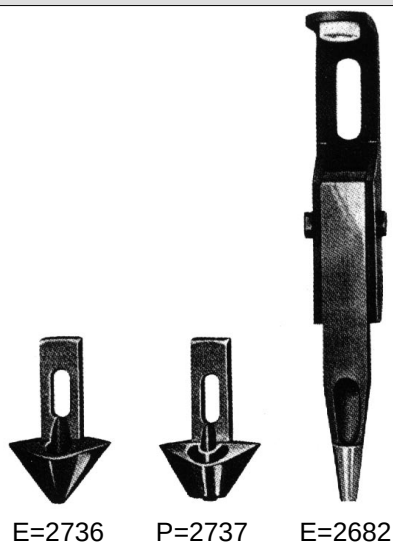


E=2592/P=2593

E=2582
P=2583

E=2580
P=2581

LAMB



E=2736

P=2737

E=2682

SHIMA

Double Kobura SECISEK

Single Yajiri

Double Sakiboso



E=2796
M=2798

P=2797
MP=2799

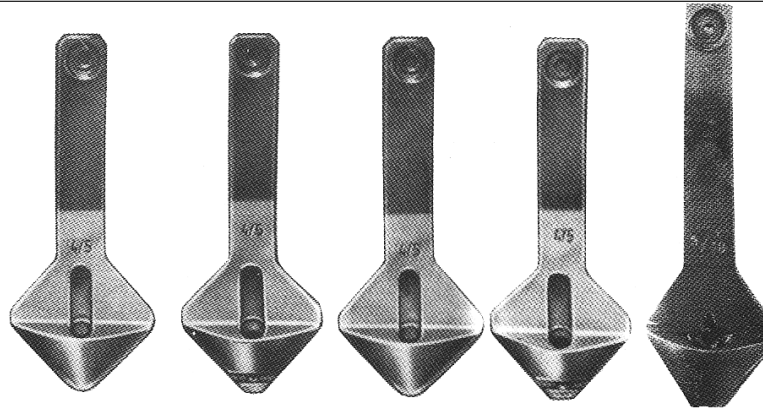
E=2800
M=2802

P=2801
MP=2803

E=2804
M=2806

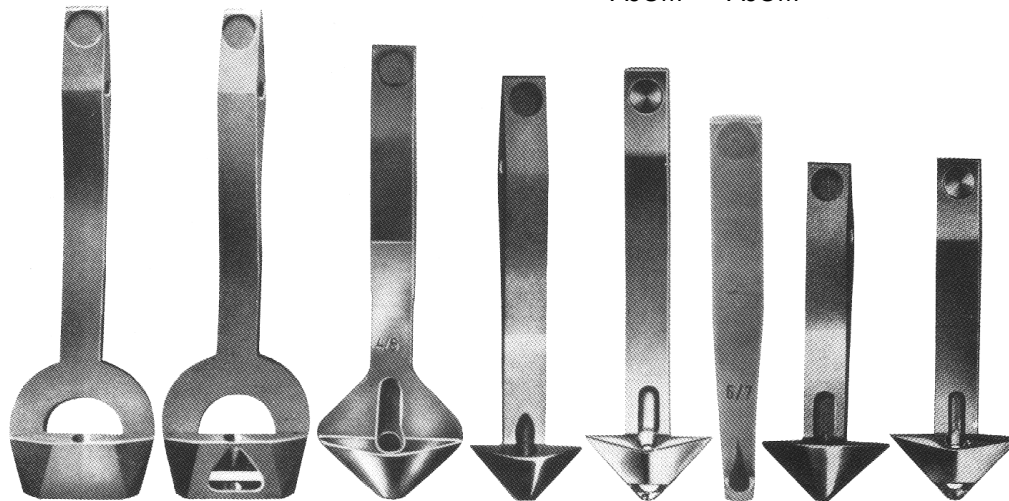
P=2805
MP=2807

STOLL & CO.



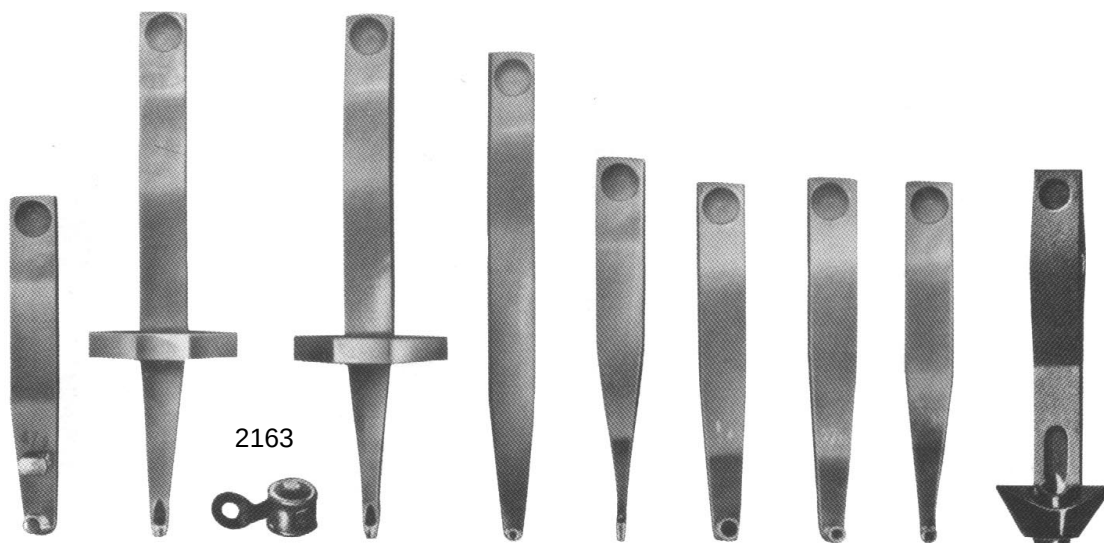
E=3002 P=3003 E=3006 P=3007 P=3029
IBOM/b DIN 62161 Shape A ANV, AJUM DIN 62161 Shape A
Back plain Back convex

FAL, LIFADO, LIUM, LIFMO UFD UFD UFD Intarsien IBOM/b AJUM
AJUM AJUM



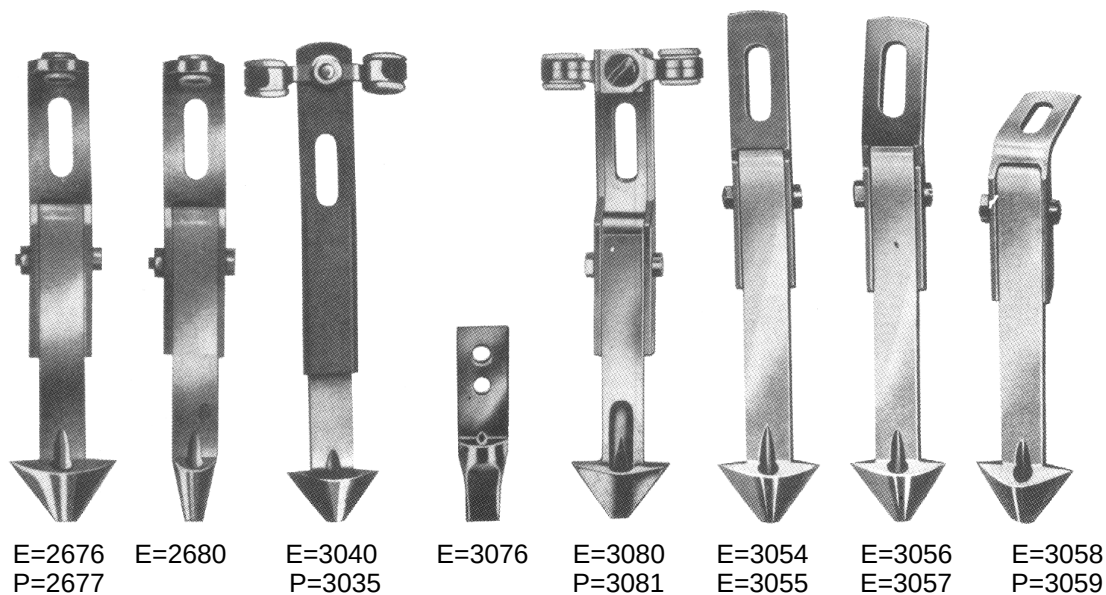
E=3010 P=3011 E=3012 E=3000 P=3001 E=2980 E=2992 P=2997

IBO E 5 LNCU E 7 LNCU E 8/12 DOFUMA AJUM IBOM/b
+ UFD E 12/14 E 5 E 7/8 E 10/14

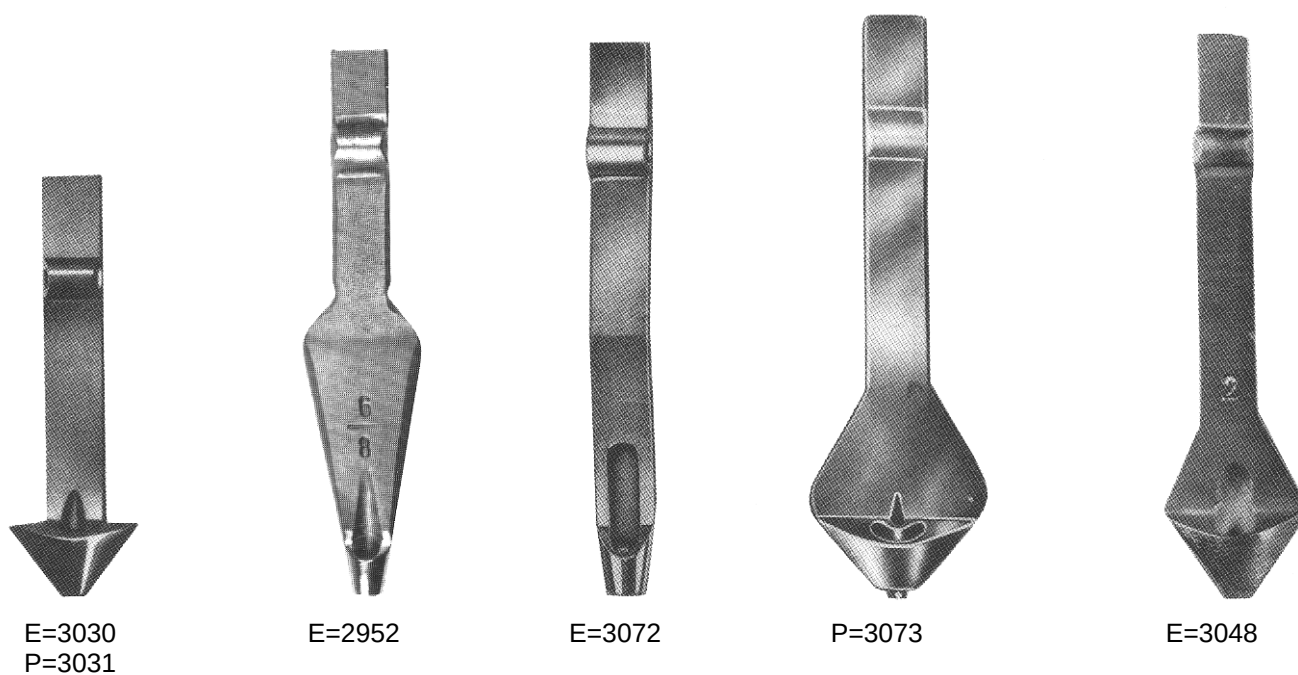


E=2890 P=2891 P=2893 E=2882 E=2894 E=2884 E=2886 E=2888 P=2993

UNIVERSAL



610/DUJA MC 410/MC 610/DUJA E2
Shape C DIN 62161



UNIVERSAL

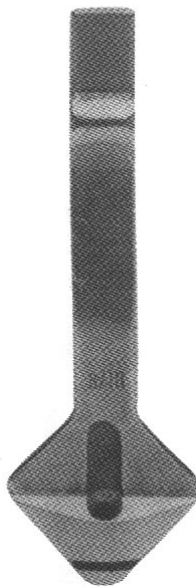
Universal

MC220

DUJA

MC 611, MC 640

MC 611/MC640



P=2967



E=2966



E=2968



2976



2977

All normal Feeders for flat knitting machines are not only available as plain or plating feeders, but also as mottling feeders with two bores, one beside the other, and as mottling-plating feeders with two superposed bores.

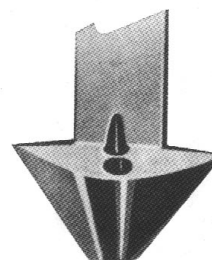
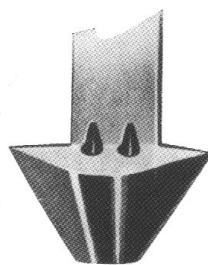
Please let us know with your inquiry or order:

- a) our Article-No. from this catalogue, or send us a sample feeder
- b) gauge of the machine
- c) if the bores should be one beside the other or in superposed position.



Mottling

Mottling - Plating



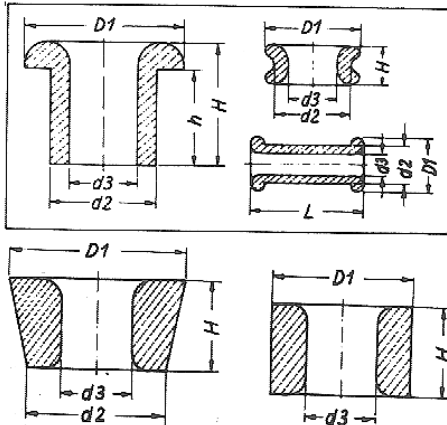
yarn inlet



yarn outlet

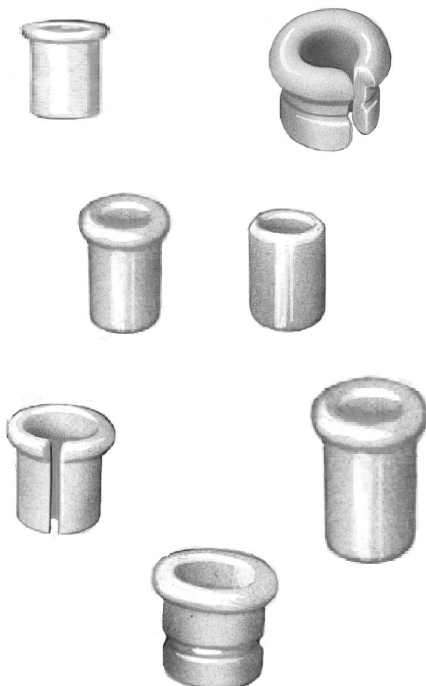
Thread Guides and Eyelets of Hard Ceramic

Like this we take the measurement



Article-No.	d2 (mm)*	D1 (mm)*	d3 (mm)*	h (mm)*	H (mm)*
Eyelets for two-cylinder looms					
8541	1,8	2,2	1,0	6,5	7,5
Loading rings					
4158/1	15 x 12 mm Ø, weighth 0.33 g				
Grooved Eyelets					
8552	shape of grooves round	8,0	3,6		3,5
Eyelets, with Collar					
8508	6,2	8,0	3,4	3,5	5,0
8521	7,0	11,0	4,0	4,4	7,0
8516	10,0	13,0	5,0	6,0	9,0
Grooved eyelets, with Collar					
8534	8,0	9,5	3,8	6,7	8,5
Porcelain eyelets, porcelain thread guides, grooved eyelets					
8050	shape or grooves flat	8,5	4,5		7,0
Eyelets with 2 grooves, for Stoll-machines					
8060	8,0	9,6	3,8	6,1	8,1
Eyelets, with collar					
8008	7,6	9,0	3,4	6,1	8,4

* Variations in size or shape are reserved !



8062 Circlip for porcelain eyelet 8060.

8072 Clamping-ring of plastic, 6 x 10 mm Ø, 1.5 mm thick, for attaching porcelains 8060 and 8075.

8090 Porcelain thread guide, 30 mm high, shaft bore of 4 mm Ø.

8165 Porcelain thread guide, 13 x 20 mm, grooved, self threading.