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The complete programme for the textile range from



9911

9911 State of the art textile spot cleaning spraygun "Tex-3".

Spotcleaning in the shortest period of time. Save time, material and money with this effective new textile spotcleaning gun Tex3. Spots can be removed easily from wool, silk or poly-fabrics within seconds. The main benefit of this gun is, that the pressure and the nozzle is adjustable. With the included varia nozzle you can even treat even sensitive fabrics. The gun features an integrated hanger for work-breaks. Additional accessory is available.

The Tex 3 is also available with an "Ex" protected switch for working under conditions with special requirements.

Technical datas:

Power:220/230 V, 50 hz.

Max.Flow rate:140 g/min

Rating:40 W

Cable length:2,5 m

Weight:1,2 kg

Pump:easily removable

Pumpcylinder:special bronze

Piston:4 mm



7641

7641 Textile cleaning station with integrated suction device and liquid separator.

Simple suction removal of spray mist by means of adjustable transparent separator. Easy diversion into a canister for disposal. The textile cleaning station also contains a swivel foam tray and a height-adjustable mounting device for the gun.

The dimensions of the cleaning station are:

approx. 130 cm high

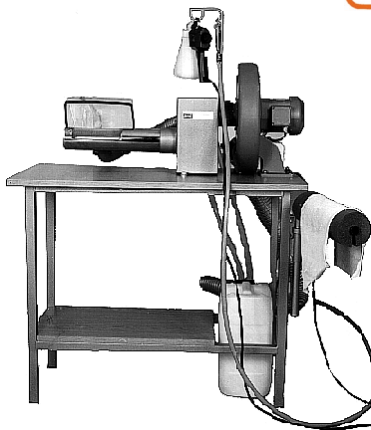
approx. 70 cm broad

approx. 110 cm long

Voltage; 220/380 V/50 hz



The cleaning and blowing gun shown is not included. Please order separately.



7641

7642 Liquid separator available separately for retrofitting to our suction device.

Complete with transparent suction hood, 60 cm suction hose (50 mm diameter), two 1 m hoses (diameter 20 mm) to divert liquid into container, approx. 25 l canister, heightadjustable gun mounted.

Make an appointment for a demonstration at our company as soon as possible.



Actual textile range: naturally from  the
partner of the textile industry

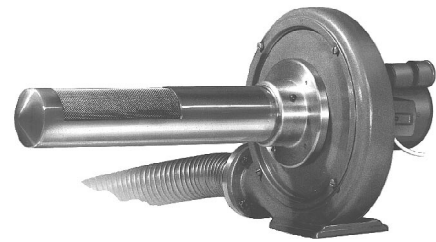
Proved exhausting devices

Transportable, of high suction efficiency, sucks off the volatile vapours of the stain removing liquid and serves for a quick drying of the goods (no formation of edges) with 2 m metal air hose, and with cable and plug.

Suction tube and suction funnel can be exchanged against each other.

Art.-No.	9393	9394
Tube		
Funnel		
220/380V		
220V		
9m ³ /min.		

Table 1
Dark files = equipment



9393



9394

Additional parts available:

9408/1 Clutch to join the additional hose to the metal air hose ordinarily supplied.

9408/3 Flexible metal air hose additionally, in pieces of 2 m, 80 mm dia., for devices with abt. 9 m³/min suction efficiency.

9411 Suction tube chrome-plated, 400 mm long, 80 mm dia., with sifter of refined steel.

9412 Suction funnel of light metal, 220 mm dia., with sifter of refined steel.

25200 Adjustable nozzle, for cleaning gun article no. 9414 (model W 250 T, old model)

25061 Special adjustable nozzle, for quick adjustment of the pressure without any problems. This changement - depending on the kind of goods to be cleaned - is necessary to avoid fabric-respectively mesh displacements. Attachable to cleaning guns No. 9880 and 9895.

9094 Spraying bottle of plastic, contents 530 ccm.

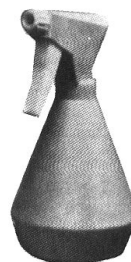
9887 Suspension device, for cleaning guns No. 9414, 9880 and 9895, suitable as well for similar devices. This suspension device offers an enormous facilitation using the cleaning guns and prevents tiredness.



25200



25061



9094



9887

More useful assistants



9473

9473 JOMRICK-cleaning help, revolving, lateral and vertical adjustment, with suspension device 9887, easy working in always optimal position. The device is to be screwed on the table top. Measurements: height 85 cm to 150 cm, width 55 cm to 90 cm. The illustrated cleaning gun 9414 does not belong to the device and has to be ordered separately.



9169 Pouring device with screw cap, 46 mm fill-in-hole, for 1.5 l cans.

**We respect the environment,
all textile cleaning means, fulfil the
latest EC-standards!**



HERKOPUR aromatic-free, mild-smelling cleanser with short drying time, no need for explosion-proofing measures.

9067/1 à 1 litre can

9067/2 à 5 litre can

9067/3 à 22 litre can

9067/4 à 220 litre one-way-barrel



9169



9067

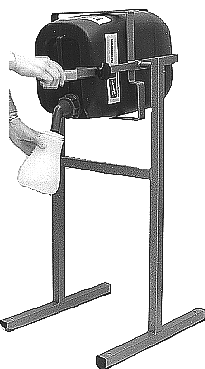
Frillo-Plus 10100, textile cleaning means, biodegradable, containing no CFCs etc., high cleaning capacity, no edge marks in drying. Waterproofing in textiles is protected. JOMRIT is not toxic, irritating to the skin or dangerous to health. The drying process can be accelerated by blowing with compressed air.

9060/1 Canister per 1 litres

9060/2 Canister per 5 litres

9060/3 Canister per 20 litres

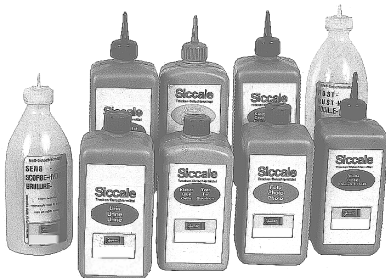
9060/4 One-Way-Barrel per 200 litres



9171

9171 „JOMRO-filling device" for easy and safe filling of textil-cleaner from our can 9168. Total height 120 cm, standing plane 50 x 40 cm., suitable for our 31 kg can 9168.

Special means for stain removing No. 9051 in plastic bottles of each 500 ccm.



9051

Art.-No.	Description	Against
9051/1	Oil Paint Siccato	oil- and nitro paints
9051/2	Tar Glue Siccato	glue, tar, latex, chewing gum, lipstick, fat, oil, nail polish
9051/5	Photo Siccato	fixatives, developers, iodizes
9051/7	Urine Siccato	sweat, urine, beer, champagne
9051/10	Blood Siccato	egg yolk-, blood, ice-, milk-, cream spots
9052/1	DetaFix™ Blotol	blood- and egg white stains
9052/2	DetaFix™ Tanol	coffee-, tea-, cola- and fruit stains
9052/3	DetaFix™ Color	lacquer paint-, greece- and biro stains
9052/4	DetaFix™ Tintol	ink-, pen- and copy pen stains
9052/5	DetaFix™ Rostol	rust stains and metal remaining stains

Table 2

31415926
53589793
23846264
33832796
02884

All what is counting from



2272 Piece Counter, 50 mm dia., 4-digits, lever on top, fixing plate 60 x 20 mm, zero setting knob on righthand.

2394 Piece Counter, 46 mm dia., 4-digits, fixing plate of 64 mm dia., to be bolt onto tables, zero setting knob on righthand.

2267 Stroke Counter, 4 digits, lever on lefthand, zero setting knob on righthand, fixing plate 42 x 48 mm, switching to „A“.

2269 Stroke Counter, 4-digits, lever on righthand, zero setting knob on lefthand, base plate 52 x 30 mm, switching to „B“.

2399 Meter Counter, adding-up, 6 digits, drive on both sides, turning B, gear 1 : 2, zero setting knob. Suitable for this meter counter measuring wheel 0.2 m circumference, 4 mm bore, rubber coated.

2403 Cloth Meter Counter, reading m/cm, with extension shaft and support. Circumference of measuring wheel 1/3 meter, card cloth coated, turning „B“.

2350 Electrical preselection counter, quickly, precise and versatile, with simple operating technique and adapting plate.

2351 Like Art.-No. 2350, but suitable for 2 preselections 3 side counters and 4 operating methods, technical description table 3.

Technical data	Article-No.2350	Article-No.2351
Power supply	24,48,110,115,230 VAC,24 VDC	24,48,115,230 VAC,24 VDC
Power consumption	7 VA, 4,5 W	7 VA, 6 W
Sensor supply	24 VDC+10%/-50%,max.50 mA	24 VDC+10%/-50%, max. 80 mA
Display	5-digit red LED	8-digit red LED
Signal input track	A 90° B,A and U/D, A-B,A+B	A 90° B,A and U/D,A-B,A+B
Optocoupler signal input	NPN, PNP or AC	PNP/NPN
Prescaler of the main counter	0.001-99,999	0,0001-99,9999
Counting frequencies	up to 10 kHz	15 Hz, 25 Hz and 10 kHz
Electronic output	NPN, PNP, Relais	NPN, PNP, Relais
Data storage	over than 10 years - EEPROM	over than 10 years - EEPROM
Dimensions	48 x 48 x 100 mm	72 x 72 x 100 mm
Connections	integrated sensor supply	integrated sensor supply
Keyboard	robust membrane keyboard with click touch	robust membrane keyboard with click touch

Table 3



2272



2394



2267



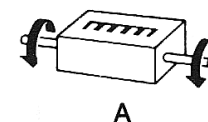
2269



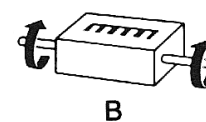
2399



2403



A



B

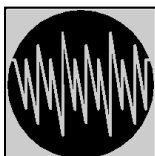
Turning- resp. switching direction



2350



2351

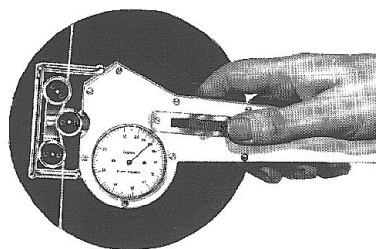


Precise measuring with



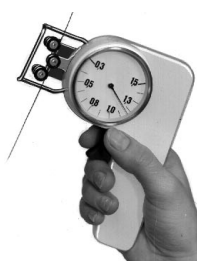
9830

9830 Yarn tension meter for checking yarn tension at winding, beaming, knitting, etc. Priceworthy instrument of solid design, and of high precision, deflection rollers on ball bearings, gauded dial. For measuring ranges see table No. 1.



9831

9831 Yarn tension meter for checking yarn tension at winding, beaming, knitting, etc. Solid design of high precision, deflection rollers on ball bearings, with yarn catcher, precision clockwork on sapphire bearings. Upon request, this yarn tension meter 9831 is available with quick attachment to machines. For measuring ranges see table No. 1.



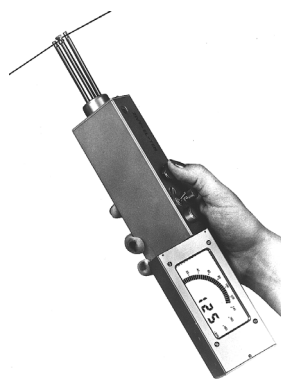
9832/9833

9832 Yarn tension meter. Function and design as 9831, however, it is smaller, lighter, and more handy. Lowest tension to be taken is 0.3 g. Space between guide rollers of 22 mm. For measuring ranges see table No. 1.

9833 Yarn tension meter as 9832, however, space between guide rollers of 38 mm. For measuring ranges see table No. 1.

Article-No	Range in Gramm	Article-No.	Range in Gramm	Article-No.	Range in Gramm	Article-No.	Range in Gramm
9830/10	0,5-3	9831/10	3-10	9832/10	0,3-2	9833/10	3-30
9830/11	1-5	9831/12	10-120	9832/12	1-5	9833/11	5-50
9830/12	2-10	9831/13	10-200	9832/13	1-10	9833/15	20-300
9830/13	2-12	9831/14	10-400	9832/14	1-12		
9830/15	5-30	9831/16	20-1000	9832/15	2-20		
		9831/18	200-2000				
		9831/20	400-5000				

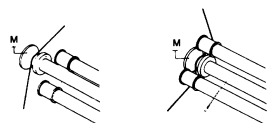
Table 4



9829

9829 Electronic Yarn Tension Meter One-hand operation. Light, compact, no separate feeding, no cable. Automatic leading-in of the thread. Measuring is possible at inaccessible positions. Revolving indication, connection for recorder. Very small adjusting of the thread. Analogous: 2 measuring ranges in one unit, reversable. Digital: 1 measuring range. Minimal friction. High accuracy. Immediately ready for action.

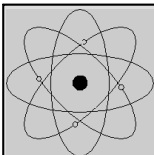
Fully transistorized, battery 9 V (available everywhere). Weight: 600 g, net, with bag 800 g. Table No. 5 for available measurements ranges and order No. model 9829 A.



thread lay in/measuring position

Article-No.	Measuring range		
9829/1A	0-5 and 0-10	72	1 + 1/10
9829/2A	0-10 and 0-20	72	1 + 1/10
9829/3A	0-25 and 0-50	72	1
9829/4A	0-50 and 0-100	72	1
9829/5A	0-100 and 0-200	72	1

Table 5



Precision is the word,  has the solution!

3991 Precision Tachometer for all rotary or linear speed measurements, independent of sense of rotation. Locking button for showing the result, patented reverse gear, indifferent to change of temperature, and to magnetic fields. Deviation $\pm 0,5\%$.

Range from 40 to 50,000 t.p.m. and from 4 to 5,000 m.p.m. to be set into the following steps: 40 to 500 t.p.m. and from 4 to 50 m.p.m. 400 to 5,000 t.p.m. and from 40 to 500 m.p.m. 4,000 to 50,000 t.p.m. and from 400 to 5,000 m.p.m.

In handy box 85 x 155 x 45 mm, with 1 rubber point, rubber bush, rubber funnel, wheel disk, and extension. Weight of approx. 580 g.



3991



9899

9899 Portable electronic yarn length meter, 220 V, very handy. A diode indicates the yarn speed fed to the machine - either per revolutions or per seconds. Indication in cm; device available completely in a case. Upon request indication as well in inch and/or 110 Volt.

3961 Thickness meter for quick measuring of the thickness of leather, felt, fabrics, knitted- and warp-knitted goods.

Technical data:

Depth of bow 50 mm
Measuring range 25 mm
Reading 1/10 mm

9811 Electronic quadrant scale for samples determining the weight of fabrics for samples of 100 square centimeters, weighing range 1 - 12,000 g/m² (121 g effective) scale 1 g/m² (0.01 g effective) bowl 116 mm diameter.

9812 Quadrant scale (surface scale), weighing range without extra weight 0 - 250 g/m², with extra weight 200 - 450 g/m²

9813 Quadrant scale (surface scale) as No. 9812, however, weighing range without extra weight 0 - 450g/m², with small extra weight 400 - 850 g/m², with big extra weight 800 - 1,250 g/m²

9815 Sample cutter for precise cutting of circular samples of exactly 100 square centimeters, for use on quadrant scales. Accurate cutting edges by circular guided blades, and by draw-cut. 4 adjustable and interchangeable blades, with pad of porous rubber.

9815/2 Cutting blades for sample cutter 9815.

9816/1 Cutting pads of porous rubber, abt. 300 x 200 mm, soft quality.

9816/2 Cutting pads like No. 9816/1, but hard quality (min. 50° Shore).



3961



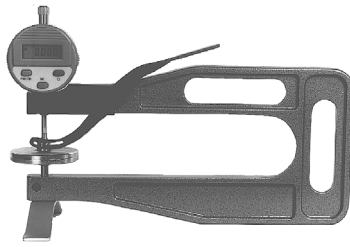
9811



9812/9813



9815



3962

3962 Thickness meter DMD 820 V for warp-knitted goods.

Technical data:

Measuring range: 0-10 mm
Reading: 0,01 mm/digital
Depth of bow: 200 mm
Measuring area: 25 cm²
Measuring pressure: 0,5 kPa

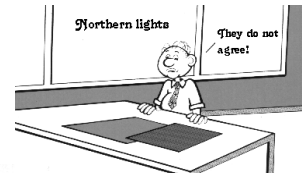
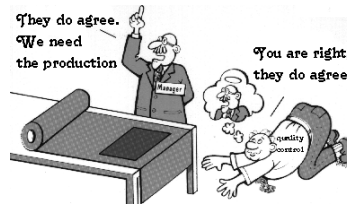
Equipment with stand.



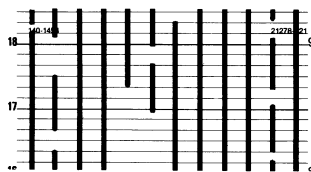
9847

9847 Shade difference meter for realizing accurate immediate discrepancies in colour and shade
Measurements: 17,8 x 7,6 x 7,6 cm, D65/10 optics response
Instrument stores one reference value for comparison to measured sample and will "beep" when tested colour is out of tolerance. Accessories included: calibration plaque, 6 rechargeable mi-cad. batteries and generic carrying case. Weight: approx. 1 kg

May problems in the production cause colours-blindness to some people?



Do you have your compass ready to hand! Colours which do resemble at northern lights, do resemble as well with other influences of light, but never vice versa.

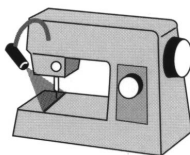
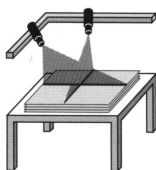


7015/7016

Diagram paper in rolls for Stoptester devices of the older type:

7015 Diagram paper rolls for 12 channels, 16 m long, for 12 machines

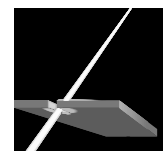
7016 Diagram paper rolls for channels, 36 m long, for 36 machines



Z-Laser for optimal adjusting of fabric at pressing-punching and sewing machines as well as spreading tables.

The Z-Laser consists of an waterprotected and dustprotected aluminium housing with the HeNe (Helium-Neon) tube, high precision optic, outer fuse 400 mA, inner fuse 500 mA, control lamp cable with Eu-Plug.

Wave length: = 632,8 nm
External fuse: = 0,4 A
Cable length: = 1,5 m
Line laser: ≤ 5 nW = 3 A
Class: > 5 nW = 3 B
Voltage: 220 V ± 10 % 50 Hz
110 V ± 10 % 50 Hz



Article-No.	Tube power (mW)	line length in m	dimension in mm
6160/1	12	10	55x750
6160/2	5	4	55x670
6160/3	5	0,5	11x33

Table 6

For the Article No. please note table no. 6





Textile Hygrometer from

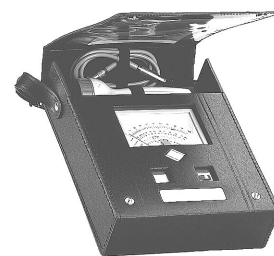


9840 Electronic Textile Hygrometer, small and handy, for universal use. For the power supply you need an international normed exchangeable 9-volt-battery. Moisture measuring bases on the principle of electric conductance, moisture and conductance being in reciprocal function to each other. Deviation of moisture indication $\pm 0.2\%$ Electrical deviation $\pm 0.1\%$ relating to absolute dial value.

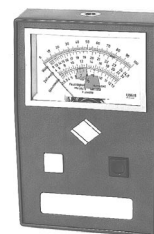
Dimensions: approx. 170 x 115 x 50 mm Weight: approx. 400 g.

Please look at the ordering numbers below.

For the point electrodes Nos. 9841, 9842, 9843, 9844, 9868 and 9869, a special cable No. 9846, and the universal electrode socket No. 9845 are necessary.



9840



9840

9845 Universal Electrode Socket

9846 Measuring cable, approx. 100 cm of length

9841 Point Electrode, needle length of 25 mm, 8 needles

9842 Point Electrode, needle length of 45 mm, 8 needles

9843 Point Electrode, needle length of 100 mm, 2 needles

9844 Point Electrode, needle length of 325 mm, 2 needles

9868 Roller Electrode, 60 x 40 mm dia. for textiles

9869 Grooved Roller Electrode, 65 x 40 mm dia for hanks or threads

Only in connection with special cable 9846 and universal electrode socket 9845.

9850 Hygrometer. Hair hygrometer for relative atmospheric moisture in work-shops, storage rooms, etc. Nickel-plated housing of 85 mm dia.



9845



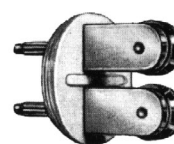
9846



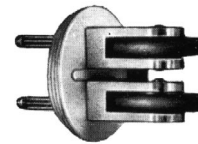
9841/9842



9843/9844



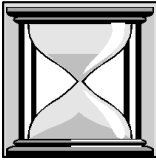
9869



9868



9850



Time and motion study easy with



3976/1



3976/2

3976/1 The „Programtimer 300“ is equipped with:

- Epsilon per working step
- Display of working step
- Storage of degree of efficiency
- Repeated interruption possible
- Change of working steps
- Clear keyboard
- Correction key
- Registration of anomalies
- Registration of x — time
- Integrated analyse program for: total time tg, addition of single times, mean value of $t_i = x \times$ - times, addition of all AR — times, frequency n
- DIN A4 writing surface
- Paper support, carrying belt
- Case
- Charging batteries

Technical Data:

Electronic: Microprocessor Energy supply: 5 x 1.5 V
Alkali-Manganese (LECR6) Mignon Cells
Duration of operation: ca. 230 H
Temperature range of application: +5 C up to +50 C
Time measuring unit: 1/100 min.
Display: 16 digits LCD
Range of Operation:
- Single time 9999=1.67 H
- Advanced time/total time: 99999 = 16.67 H
- Epsilon: 0.1 — 99.9%
- Working steps max. 99
- Frequency N 255 - Degree of efficiency 1 — 255 %

Weight: 1100 gr

Dimensions: 400 x 330 x 18/11 mm

3976/2 The „Programtimer 100“ is equipped with:

- Single and advanced time display
- Display of measuring point
- Storage of max. 7 single- and 7 advanced times
- Erase of memory during the time study, recovery is possible
- Recalling of memory at any time
- DIN A4 writing surface
- Changeable paper and pencil support
- Carrying belt
- Case
- Batteries

Technical Data:

Electronic: Microprocessor Energy supply: 1 x Mignon-cell 1.5 V, IEC R 6

Duration of operation: 1 year

Temperature range of application: -10 C up to + 60 C

Time measuring unit: 1/100 min

Display: 2 rows display LCD upper row 6 digits lower row 7 digits

Range of operation:

- Advanced and total time 9999:99 1/100 min
- Single time 999:99 1/100 min
- Measuring points max. 99
- Memory capacity: 7 advanced times and 7 single times

Weight: 1,000 g

Dimension: 400 x 330 x 18/11 mm



3997/2 Controller, table-timer, Ø 13,5 cm, dial night luminous: 0 - 60 seconds, 1/100 minutes 0 - 100, minutes 0 - 60. With start-stop function (as per choice) and separate zero-setting. Housing: metal chrome/black, dim, can be used as well as wall timer by hook on back.



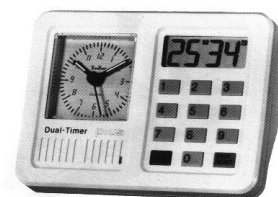
3997/2

3992 Double Stop Watch of high precision, shock-, dust- and water-proof, with double stop, lever-watch, 7 jewels, with unbreakable, anti-magnetic spring, dial graduation 1/100 min, housing of approx. 55 mm dia., according to industrial standards. With index pointer for interim time stopping.



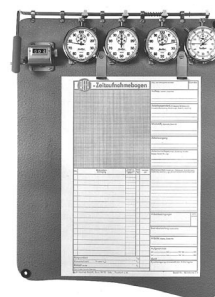
3992

3974 Dualtimer including digital stop-watch counting upwards, short-time-counter, counting downwards with alarm and a quartz-analogous-clock. Technical data: quartz-steered analogous clock 4-digit LCD-display height of dial: 15 mm 12-digit keyboard 48 x 48 mm time counting unit: 1 second indication time 59 min 59 sec count down 99 min 99 sec weight: 185 g housing 140 x 100 x 60 mm delivery incl. battery

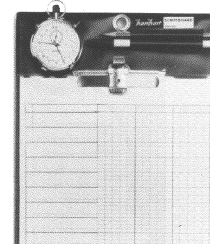


3974

3994 Robotimer, time recording device for recording all times in one operation, by one person only. Errors are excluded by double time recording. The Robotimer consists of 4 stop watches and of 1 piece counter. The first 3 watches (lever-type, 7 jewels) are indicating the time in 1/100 minutes, the fourth one (lever-type, 11 jewels) is indicating the total time. Both, watches, and piece counter, are fitted on a table of aluminium of approx. 300 x 400 mm.



3994



3977

3977 Scriptboard, plastic-blotting-pad with clear protective foil, with holder for stop-watch (delivery without stop-watch) writing utensils and paper holder. Measurements: 22.5 x 39.5 cm.



3999 Special stop watch with high precision by direct stopping of a push-button, good readable LCD-display, sturdy housing (82 x 61 x 28 mm) with protection bag.

Special technical data: - Measuring up to 99999,99 min.
- 3 single-time-stores
- store for total time



3999

We are exactly looking at ...

9569 Upright magnifier, for testing continuous or piece fabrics. The aspheric lens is fitted for plain or relief views. Field of approx. 46 mm dia., total height 60 mm, 6-fold magnification.



9569



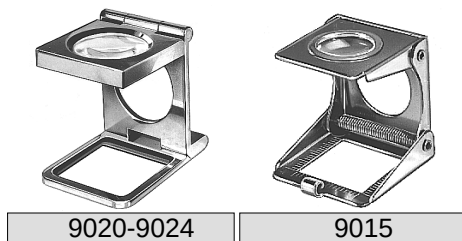
9593

9593 Luminous Magnifier, lens tube of white plastic, handle of metal, 10-fold magnification, with 2 batteries of 1.5 Volt, object field of 60 mm dia.

9016 Magnifier, pocket type, with plastic frame, 50 mm dia., 10-fold magnification, in a neat's leather bag.



9016



Thread counter, made from solid brass.

Article-No.	9019	9020	9021	9023	9024
Size	10 x 10 mm	20 x 20 mm	1 x 1 inch	30 x 30 mm	50 x 50 mm
Magnification	10-fold	8-fold	6-fold	5-fold	3-fold

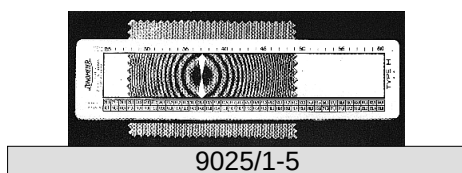
Table 9



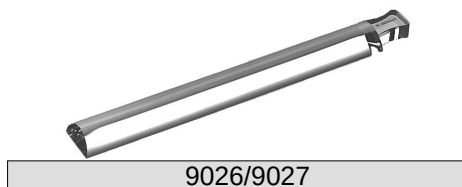
9015 Thread Counter, with spring, 20 x 20 mm, 8-fold magnification.

9014 Upright magnifier, especially suitable for measuring the size of stitches, 8-fold magnification. The measuring field with a 10 mm scale

9556 Magnifying Glass 50 mm dia., handle of plexiglass, 2 ½-fold magnification.



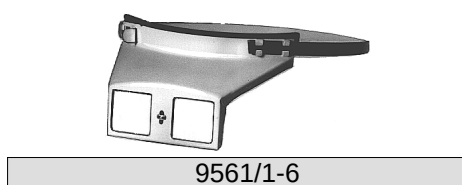
9025 Lunometer, thread counter for all thread structures, scale in centimeters, english and french inch.



Article-No.	Measuring range in cm	Measuring range in english inch	Measuring range in french inch	Testing ground size in mm
9025/1	10-24	25-60	26-64	35x205
9025/2	14-34	37-86		22x131
9025/3	20-48	50-120	53-128	35x152
9025/4	40-95	100-240	107-256	18x76
9025/5	80-190	200-480	213-512	10x38

Table 7

9026 Reading Stick, cylindric magnification: 1.5 x, length: 150 mm, width: 35 mm



9561 Binocular head magnifier of metal, varnished white, front cushion, head-band adjustable of nickel-plated steel, plastic-plated, lens-frame with glass-lenses of high quality, easy to remove. Suitable for eyeglass-wearers. Following the available magnifications, please note the necessary working distances: 9561/1 1 x 250 mm 9561/2 1.5 x



Article-No.	9561/1	9561/2	9561/3	9561/4	9561/5	9561/6
Magnification:	1,0	1,5	2,0	2,5	3,0	3,5
Working width:	250	220	170	150	130	100

Table 8

9571/1 Luminous Magnifier, with lens 120 mm dia. for 2 ½-fold magnification, and additional lens for 4-fold magnification, with ring type fluorescent lamp 22 Watt (cold light). Working range 900 mm, weight without foot 3 kg, complete, with foot of 7.5 kg.



9564/3 micro-magnifier with illumination suitable for surface testing of materials of any kind such as metals, textiles, minerals, lacquers, links etc. Precise focusing by means of adjustment ring. magnification: 30 x . fitted completely with batteries in gift packing.



makes transport easier

9676 Trolley DBGM G 8105939.6, for the transport of industrial sewing machines. This trolley is fitted with 4 swivel castors and can be moved very easily. The 4 supports are adjustable and for this reason are suitable for all usual sewing machine table plates. With only few grips the trolley can be changed into an ordinary transport carriage.

Technical Data:

Lifting capacity when transporting sewing machines: abt. 200 kg
 Unloaden weight: abt. 47 kg
 Length: abt. 120 cm, Width: abt. 66 cm, Height: abt. 92 cm
 Lifting height: abt. 12 cm



9676

9738/1 Bundle carriage, to be stacked, stable steel tube frame with vaulted, slide blocking surface, with 4 double ball bearings, thread protected swivel castors. Length: abt. 700 mm, Height: abt. 800 mm, Width: abt. 365 mm, without steel-wire basket.

9738/3 Foam rubber coated steel-wire basket for 9738/1

7623 Bundle carriage with rotatable plate 650 x 400 mm and foam rubber roll, place needed 600 x 55 mm, adjustable in height from 700 - 1.100 mm, with 4 rolls, thread-protected.



9738/1+3



7623

9619/1 Trolley, of plastic covered metal tube, 28 mm Ø, anthracite, 4 swivel castors, lifting capacity abt. 110 kg, suitable for container 9626/2



9619/1



9626/2

9626/2 Container of Nd-polyethylene, can be stacked into each other, light, handy and hard-wearing, available only in white.

Measurements: outside (top) 900 x 550 x 360 mm
 inside (top) 770 x 510 x 350 mm

Contents: abt. 100 l, Weight: abt. 2,5 kg

9669 Container of Nd-polyethylene, can be stacked, grey, floor not pierced, walls pierced, with opening for direct grip from the front side. Weight: abt. 2,7 kg

Measurements: outside: 570 x 453 x 310 mm
 inside: 550 x 405 x 305 mm
 opening: 331 x 127 mm



9669



9670

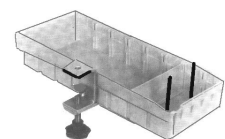
9670 Transport roller of plastic covered angle steel, anthracite, 4 swivel castors, lifting capacity abt. 110 kg, suitable for container 9669

9676/3 Container case of Nd-polyethylene, can be stacked, grey, floor not pierced, walls pierced, Weight: abt. 2,9 kg, Contents: abt. 80 l.

Measurements: outside: 600 x 400 x 420 mm
 inside: 565 x 365 x 410 mm



9646/3



6880

6880 Multi-purpose box. Solid plastic box with one removable partition wall and 2 pens for bobbins (Up to 6 partition walls possible). Fixing on the table by solid screwing clamp. Measurements: 400 x 160 x 60 mm.



Good cutting forever,  has the right scissor of good value and price.



9427/9428



9445/9446/9486/9487/9961



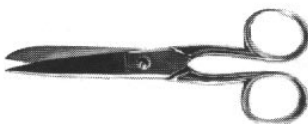
9003



9440



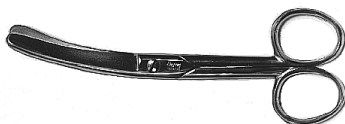
9441



9443



9458



9456



9989/1



Article-No.	Description	length per inch*	length per cm*	blade per cm*
9427	Ring finger scissors, stainless, with plastic handles, straight	4,5	11,5	2,5
9428	Ring finger scissors, stainless, with plastic handles, bent	4,5	11,5	2,5
9445	Ring finger scissors, nickel-plated, ordinary quality, straight	4,5	11,5	2,5
9446	Ring finger scissors, nickel-plated, ordinary quality, bent	4,5	11,5	2,5
9445/1	Ring finger scissors, nickel-plated, special quality, straight	4,5	11,5	2,5
9446/1	Ring finger scissors, nickel-plated, special quality, bent	4,5	11,5	2,5
9486	Ring finger scissors, fully plated with teflon, straight	4,5	11,5	2,5
9487	Ring finger scissors, fully plated with teflon, bent	4,5	11,5	2,5
9961	Ring finger scissors, nickel-plated, for left handers , straight	4,5	11,5	2,5
9003	Pocket scissors, foldable, blades of stainless steel, Measurements: open Measurements: folded	4 3,25	10 8,5	3
9440	Textile scissors, nickel-plated, both blades pointed, straight	4	10,5	3,1
9441	Textile scissors, nickel-plated, both blades pointed, bent	4	10,5	3,3
9443	Knitter's scissors, nickel-plated, blades pointed/blunt	4	10,5	3,7
9458	Textile scissors, nickel-plated, with bent points	4,5	12	4,5
9456	Bandage scissors, nickel-plated, points blunt, bent upwards	5	13	4,5
9989/1	Textile scissors, nickel-plated, with long blades, pointed/blunt, straight	5	13	4,2

*Deviations in measurements reserved !



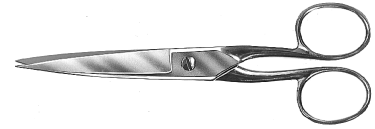
Here you will find the right scissor!

Article-No.	Description	length per inch*	length per cm*	blade per cm*
9991/1	Textile scissors, nickel-plated with long blades, pointed/bent, straight	5	13	4,2
9985	Sewing scissors, nickel-plated, both blades pointed, straight	6	15,5	6,5
9433/3	Tailor's scissors, nickel-plated, with large eye	7	18	8,5
9449	Scissors for cutting paper, nickel-plated, blades pointed	10	25,5	14
9448/1	Household scissors, nickel-plated, ordinary quality	5	13	5
9448/3	Household scissors, nickel-plated, ordinary quality	6	15,5	6,5
9413	Tailor's scissors, blades bright, grips varnished, with screw	7	18	7,5
9415	Tailor's scissors, blades bright, grips varnished, with screw	8	21	9
9420	Tailor's scissors, blades bright, grips varnished, with screw	9	23	10,5
9425	Tailor's scissors, blades bright, grips varnished, with screw	10	26	12
9426	Tailor's scissors, blades bright, grips varnished, with screw, for left handers	10	26	12
9978	Textile scissors for cutting more than one fabric layer, red varnished handles, one blade razorsharp, other blade with micro-teeth, blades nickelplated	8	20,5	9
8804	Trimmer scissors, of stainless refined steel, thermoplastic and anatomic handles	9,5	24	
9423	Cutting scissors, blades blank, polished (not nickel-plated), both blades pointed, slim and light. Especially large longeye, strengthened lever action, which causes an extraordinary high cutting force up to the points	8	20,5	8
9999	Cutting scissors, blades blank, polished (not nickel-plated), both blades pointed, slim and light. Especially large longeye, strengthened lever action, which causes an extraordinary high cutting force up to the points	9,5	24	11,5

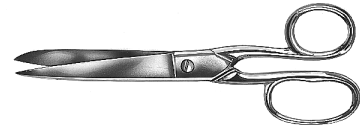
*Deviations in measurements reserved!



9991/1



9985



9433/3



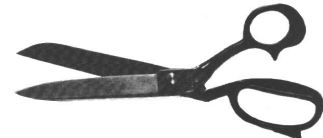
9449



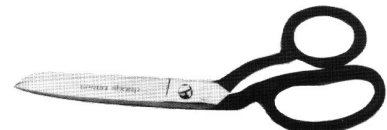
9448/1+/3



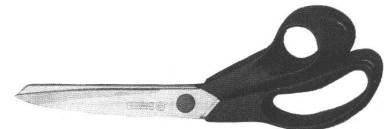
9413/9415/9420/9425



9426



9978



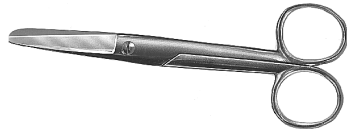
8804



9423/9999



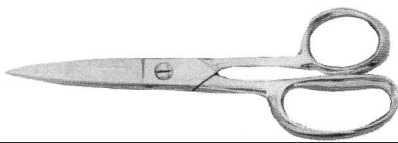
Further scissors of approved  quality to favourable prices.



9988/1



9994



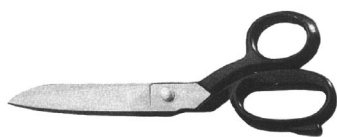
8800



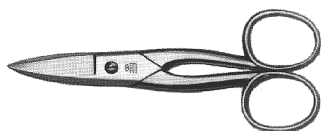
8810



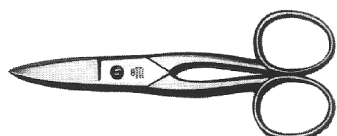
8801



8803



8958/8964/1-2



8963

Article-No.	Description	length per inch*	length per cm*	blade per cm*
9988/1	Textile scissors, nickel-plated with long blades,	5	13	4,2
9994	Multi-purpose scissors, blades nickel-plated, handles varnished, You can do short and strong cuts by the long handles and favourable lever transmission	7,75	20	
8800	Industry scissors, pointed	7,75	20	
8810	Scissors for universal use, to cut plastic and rubber. Easy to use as tube scissor, cable- and insulating-scissor	8	22	
8801	Multi-purpose scissors, handy shaped	9	23	
8803	Tailor's scissors, handles varnished	8,75	22	
8958	Tailor's button hole and weaver's scissors, high gloss nickel-plated, with strong and short blades, for small and hard cuts	4,75	12,6	4,8
8964/1	Tailor's button hole and weaver's scissors, high gloss nickel-plated, with strong and short blades, for small and hard cut, straight	4,5	12	3,5
8964/2	Tailor's button hole and weaver's scissors, high gloss nickel-plated, with strong and short blades, for small and hard cut, bent	4,5	12	3,5
8963	Pinch- and weaver's scissors, high gloss nickel-plated, with strong pointed blades, for small and hard cuts	5	13	4

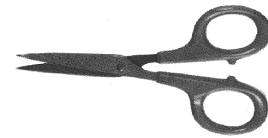


*Deviations in measurements reserved !

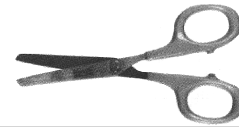


Original WILKINSON scissors

Article-No.	Description	length per inch*	length per cm*	blade per cm*
9968	Embroidery scissors, with plastic handles, blades stainless,	5	13	5
9969	Multi-purpose scissors, with plastic handles, blades stainless, both blades blunt	5	13	5
9966	Tailor's scissors, with plastic handles, blades stainless, pointed/blunt	8	21	10
9967	Tailor's scissors, with plastic handles, blades stainless, pointed/blunt	9	24	11
9966/1	Tailor's scissors, with plastic handles, blades stainless, pointed/blunt, for left handers	8	21	10
9973	Ring finger scissors, always sharp, out of stainless scissors steel	4,5	12	2,8
9974	Pro-Tailor's scissors, with adjusting screw, also for thick fabrics, out of razor-blade-steel	9,5	24	11
9975	Pinking scissors, out of stainless scissors steel	9,8	25	10



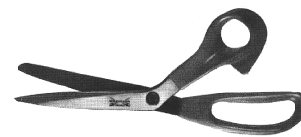
9968



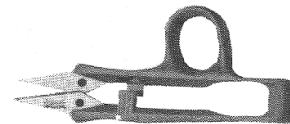
9969



9966/9967



9966/1



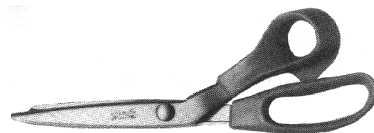
9973

*Deviations in measurements reserved !



Robuso-Scissors from Solingen

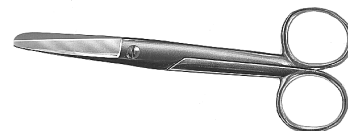
Article-No.	Description	length per inch*	length per cm*	blade per cm*
9990/1	Textile scissors, nickel-plated, with long blades, both blades pointed/bent	5	13	4,2
9987/1	Textile scissors, nickel-plated, with long blades, blunt, straight	5	13	4,2
8956/3	Sewing scissors, high gloss nickel-plated, with same scissors eyes, straight	5	13,1	5
8956/5	Sewing scissors, high gloss nickel-plated, with same scissors eyes, straight	6	15,7	6,5
8956/6	Sewing scissors, high gloss nickel-plated, with same scissors eyes, straight	6,5	17	7,5
8956/7	Sewing scissors, high gloss nickel-plated, with same scissors eyes, straight	7	18,3	8,5



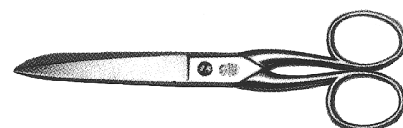
9975



9990/1



9987/1



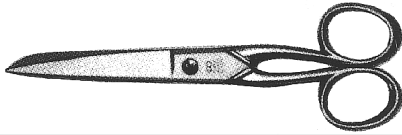
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*Deviations in measurements reserved !

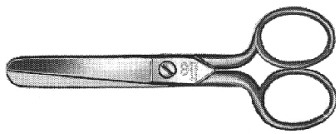




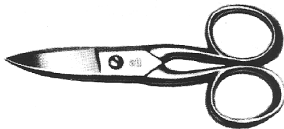
Further Robuso scissors



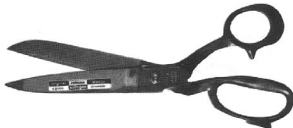
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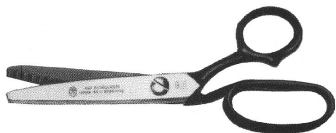
8959/2-4



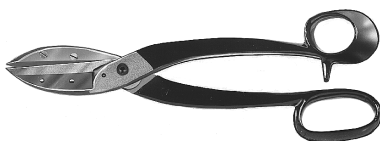
8965/1



9439/1-5



9437/1 and 9437/6



9996

Article-No.	Description	length per inch*	length per cm*	blade per cm*
8957/2	Sewing scissors, high gloss nickel-plated, with inclined scissors eyes, /straight	4,5	11,8	4,5
8957/3	Sewing scissors, high gloss nickel-plated, with inclined scissors eyes, /straight	5	13,1	5,5
8957/4	Sewing scissors, high gloss nickel-plated, with inclined scissors eyes, /straight	5,5	14,4	6
8957/5	Sewing scissors, high gloss nickel-plated, with inclined scissors eyes, /straight	6	15,7	7
8959/2	Pocket scissors, nickel-plated, with long blades, both blades pointed /bent	4	10,5	4
8959/4	Pocket scissors, nickel-plated, with long blades, both blades pointed /bent	5	13	5
8965/1	Heavy ribbon-, belt and lace scissors, with strong blades and diagonal eyes, which conform anatomically the fingers, high gloss nickel-plated, straight blades	5	13	4,6
9439/2	ROBUSO-ELASTIC Tailor's Shears with an inner spring, plain ground blades, outside of blades nickel plated, inside finely polished, black/golden japanned handles	9	23,5	11,5
9439/3	ROBUSO-ELASTIC Tailor's Shears with an inner spring, plain ground blades, outside of blades nickel plated, inside finely polished, black/golden japanned handles	10	26	12
9439/4	ROBUSO-ELASTIC Tailor's Shears with an inner spring, plain ground blades, outside of blades nickel plated, inside finely polished, black/golden japanned handles	11	28,5	14
9439/5	ROBUSO-ELASTIC Tailor's Shears with an inner spring, plain ground blades, outside of blades nickel plated, inside finely polished, black/golden japanned handles	12	30,5	16
9437/1	Zigzak scissor	7,5	20	6
9437/6	Zigzak scissor	9	23	6,5
9996	Multi-purpose scissors, especially stable type. Screwed blades of high quality steel guarantee a hardness of abt. 60° Rockwell			



*Deviations in measurements reserved !



Special scissors for

ROBUSO special model, with one extremely long handle which offers more space for the hand. The blades are polished, not nickelplated, with black japanned handles. One blade is micro serrated to effect an easy cutting of light and medium weight ARAMID fabrics. This construction increases the cutting ability of the points of the blades and over the whole cutting edges.

Article-No.	Description	length per inch*	length per cm*	blade per cm*
9940	Aramid scissors	8	20,5	8
9940/1	Aramid scissors	9,5	24	9,5

Thread- and Weaver-scissors, with long, strong, pointed blades. Blades not nickelplated, handles black japanned. Suitable for cutting ARAMID and GLASS material during laminating or moulding.

Article-No.	Description	length per inch*	length per cm*	blade per cm*
9941/1	Weavers scissors, straight	6	15,4	5
9941/2	Weaver's scissors, bent	6	15,4	5

Hheavy tailor' shears, a strong model with 2 taper slender and pointed blades. The blades are adjusted accurately to enable cutting over the edge even to the extreme points. One blade is micro serrated to effect an easy cutting of medium and heavy weight ARAMID fabrics.

Article-No.	Description	length per inch*	length per cm*	blade per cm*
9943	Moulding scissors	7	18,3	6,5
8805	Tailor's scissors	10	26,5	10

ROBUSO-Elastic Tailors' Scissors, the blades are outside nickel plated and chromiumplated, the insides of the blades are polished and chromiumplated. The handles are japanned black and golden. One edge is provided with fine teeth. Suitable for natural fibres, cotton, woolen fabrics, knitwear, natural silk, upholstery fabrics, brocaded material, etc.

Article-No.	Description	length per inch*	length per cm*	blade per cm*
9444/3	ROBUSO-Elastic-Tailors' scissors	10	26	10,5
9444/5	ROBUSO-Elastic-Tailors' scissors	12	30,8	13,5

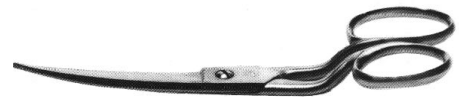
* Deviations in measurements reserved!



9940



9941



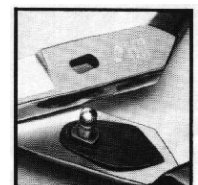
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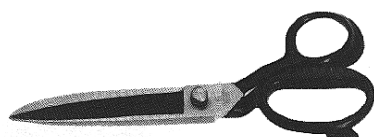


8805

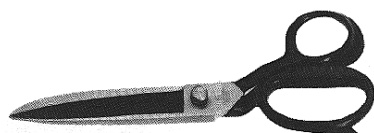


9994

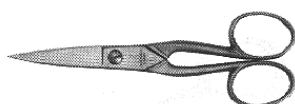




8994/8996/8997/8998



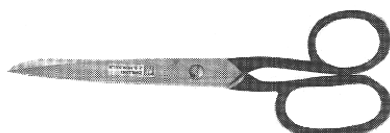
8979/8980/8981



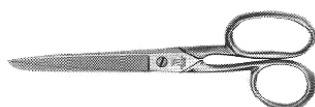
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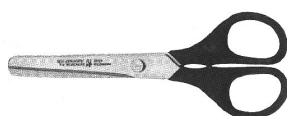
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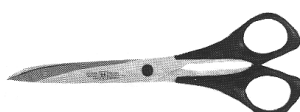
8974



8988



8921



8978

Article-No..	Description	length per inch*	length per cm*	blade per cm*
8994	Tailor's scissors, forged, grips varnished	8,25	21	9,6
8996	Tailor's scissors, forged, grips varnished	10,25	26	12,8
8997	Tailor's scissors, forged, grips varnished	11,25	28,5	14,2
8998	Tailor's scissors, forged, grips varnished	12	31,5	16
8979	Tailor's scissors, forged, grips varnished	8,5	21	9,7
8980	Tailor's scissors, forged, grips varnished	9	23,5	11,5
8981	Tailor's scissors, forged, grips varnished	10,25	26	12
8991	Button hole scissors, nickel-plated, pointed	5,25	13	4,5
8977/1	Tailor's scissors, nickel-plated, pointed	4,5	12	5,5
8977/2	Tailor's scissors, nickel-plated, pointed	5,25	14	6,5
8977/4	Tailor's scissors, nickel-plated, pointed	7	18	8,5
8974	Tailor's scissors, nickel-plated, grips varnished	7	18	8,5
8988	Tailor's scissors, nickel-plated	6	15,5	7
8921	Multi-purpose scissors, stainless	5	13	5,5
8978/1	Tailor's scissors out of refined steel, stainless, plastic handles	5	13	5,6
8978/2	Tailor's scissors out of refined steel, stainless, plastic handles	6	16	7
8978/3	Tailor's scissors out of refined steel, stainless, plastic handles	7,5	19	8,5

* Deviations in measurements reserved !





Further useful assistants from

Article-No..	Description	length per inch*	length per cm*	blade per cm*
8922	Multi purpose scissor	8,5	21	7,2
8925	Pocket scissor	4,0	10,5	4
8926/1	Weavers scissor, blunt/straight	4,5	11,2	4
8926/2	Weavers scissor, pointed/straight	4,5	11,5	4,2
8927	Weavers scissor, pointed/straight	6,0	16	5,7
8928/1	Weavers scissor, sturdy model, pointed	5,0	13	4
8928/2	Weavers scissor, sturdy model, blunt	5,0	12,8	3,8

* Deviations in measurements reserved !

Mundial-Softy-Cut, the comfort and ease in using a pair of scissors depends essentially on the shape and size of the bows and is determined by the contact of the fingers with the bows and the guiding of the hand. One could say: The greater the contact area, the less the need of pressure whilst cutting. Therefore this scissors have been developed with bows that adapt themselves comfortably to each individual hand, independent of the fact whether a person is right or left handed. They have a fine micro serration on one blade. This way the materials to be cut are gripped, slipping and jamming does not occur. Even several layers of material can be cut without difficulty.

Article-No.	Description	length inch*
9475/1	Needlework scissor	5 ½
9476/1	Sewing scissor	7
9477/1	Zig-Zag scissor	8 ½
9478/1	Universal scissor	8 ½
9479/1	Tailors scissor	9 ½

* Deviations in measurements reserved !

Make use of the repair service of



We are grinding and repairing your scissors. Please send us your scissors for overhaul, enabling you to work always with efficient cutting tools.

Efficient scissors grinding machines are to be found on page 21.

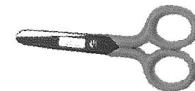
Article-No.	Description	length per inch*	length per cm*	blade per cm*
9424	Cutting scissors of special steel, double forged, rust protected blades, with adjustable patent hinge, handles especially wide and adapted to hand, varnished, very solid type, pretentious	12	31	15,5

* Deviations in measurements reserved !

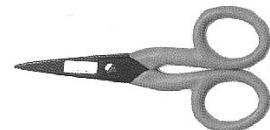
TEXTILIA
Solingen
MADE IN GERMANY



8922



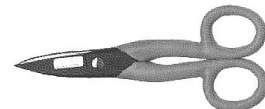
8925



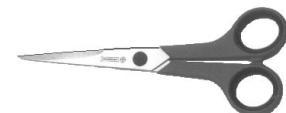
8926/1+2



8927



8928/1-2



9475/1-3 and 9476/1-3



9477/1-3 to 9479/1-3

WISS® -Qualität aus USA



9424



6734

6734 MAIER-Scissor Grinding Machine Model 110

All type of scissors (e. g. cloth cutting scissors, embroidery scissors, pinkers, left-handed scissors, household scissors, nail scissors, hair-dresser's scissors) are tightly fixed and need not to be disassembled. The easily movable grinding arm guarantees secure guiding. Thus ensuring no displacement during grinding. The cutting angle may be adjusted from 0 - 60°.

Grinding and dressing is performed in one fixture.

Left-hand side: grinding -

Right-hand side: dressing.

Result: smoothly cutting scissors which often cut better than new ones. A scissor grinding machine not only for the amateur but also for the professional.

Capacity: 20 - 30 scissors per hour.

Technical Data:

Motor: Alternating current 220 V, 50 cycles, 170 Watt

Grinding spindle speed: 2,850 r.p.m.

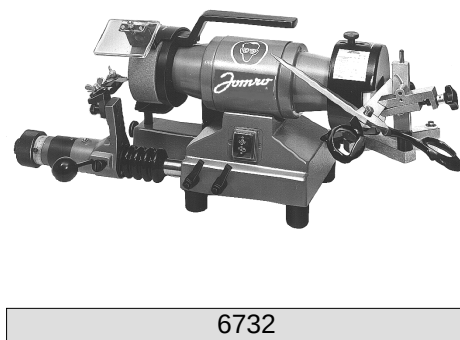
Gross weight (carton) approx: 8,5 kg

Net weight approx: 7,2 kg

Dimensions approx: 280 x 290 x 240 mm

Grinding wheel no. 52/10

Dressing wheel no. 69/2



6732

6732 MAIER Knife and Scissor Grinding Machine Model 81-100

Compact, portable grinding machine for grinding knives and scissors.

The flanged grinding wheel is directly mounted on the motor shaft.

The left-hand grinding station with the precision swing arm and vernier permits the application of nearly all available grinding devices for sewing machine knives, cloth cutting knives etc. Feed accuracy at swing arm 0.02 mm per vernier division mark. The cup grinding wheel may be exchanged against a flat grinding wheel, flat disc or buffing wheel for other grinding and polishing operations.

The right-hand grinding station is reserved for scissor grinding. Scissors of all types and size are tightly clamped in the holding device. The easily movable grinding arm guarantees secure guiding. Cutting angle adjustable from 0 - 60°. Further instructions for grinding with the system modell 100 see above description of Art.-Nro. 6734.

Technical data:

Grinding spindle speed approx. 2,850 r.p.m.

Left-hand grinding station: Cup grinding wheel no. 51/2

Right-hand grinding station: Cup grinding wheel no. 51/6

Standard motor: Alternating current 220 V, 50 cycles, 0.19 Kw

Dimension: 600 x 300 x 270 mm

Net weight less knife holder: 16 kg

Gross weight less knife holder (cardboard box): 20 kg

Packing measurements: 48 x 40 x 40 cm



Proved tweezers for textile mills

9202 Tweezers, straight, nickel-plated, with guide pin, points tight, abt. 120 mm long.

9203 Special tweezers, nickel-plated, abt. 140 mm total length, length of tweezers abt. 105 mm, with hook abt. 4 mm at the end.

9205 Tweezers, nickel-plated, point bent, abt. 33 mm long, filed and tightened, abt 120 mm total length.

9209 Tweezers with bent plastic point, total length 145 mm.

9206 Tweezers with pin, nickel-plated, end of pin with groove and hook, special type for linking machines, point tightened, total length abt. 180 mm.

9208 Knitter's Tweezers, nickel-plated, point bent, abt. 26 mm long, tightened, with guide pin, total length abt. 145 mm.

9210 Weaver's Tweezers, straight, nickel-plated, points tight, abt. 160 mm length.

9212 Tweezers, 90 mm length, straight, pointed.

9213 Tweezers, straight, with guide pin, abt. 150 mm length.

9214 Tweezers, point slightly bent, abt. 15 mm long, with guide pin, total length abt. 150 mm, especially suitable for the stocking industry.

9215 Knitter's Tweezers, nickel-plated, point slightly bent, abt. 12 mm long, tightened, with guide pin, abt. 150 mm total length.

9216 Tweezers, stainless, point slightly bent, abt. 12 mm long, tightened, with guide pin, abt. 200 mm total length.

9222 Tweezers, nickel-plated, point slightly bent, abt. 12 mm, hardened and flattened at the end, with guide pin, abt. 150 mm total length.

9231 Burling iron, ground points, abt. 140 mm long, abt. 16 mm wide, material thickness abt. 1,25 mm.

9232 Burling iron, nickel-plated, edges raw, abt. 115 mm long, abt. 14 mm wide, material thickness abt. 1 mm.



9202



9203



9205



9209



9206



9208



9210



9212



9213



9214



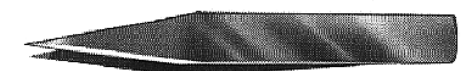
9215



9216



9222



9231



9232

The real accessories for CAD/ CAM

Plotter paper

made of extremely strong special paper. To be used for all plotters.

Article-No.	Execution	Use	Measurements
4002 white	heatfix quality, 62 g/m ²	for ironing drawings of master on the fabrics	Length: abt. 250 m Width: 91, 122, 152, 162, 183, 203 cm
4037 recycling			
5000 white			Length: 250 - 400 m Width: 91, 101, 155, 165, 182, 202, cm
5002 recycling			
4037 white	normal quality, 55 g/m ²	for needeling drawings of master on the fabrics immediate cutting of the fabrics	Length: abt. 250 m Width: 91, 122, 152, 162, 183, 203 cm
4038 recycling			

Blue print paper

Article-No.	Execution	Use	Measurements
5004 white	heatfix quality	for making copies 1:1 by blue print machines and ironing on the fabrics	Length: 50 m Width: 91, 101, 122, 152, 162, 182, 202 cm
5005 white	normal quality	for making copies 1:1 by blue print machines and immediate cutting of the fabrics	Length: 50 m Width: 91, 101, 122, 152, 162, 182, 202 cm

Cutting paper

made of extremely strong special paper

Article-No.	Execution	Use	Measurements
4010 white	heatfix quality with spot and cross markings, 62 g/m ²	for drawing master copies by hand and immediate ironing on the fabrics	Length: abt. 300 m Width: 91, 122, 152, 162, 183, 203 cm

Underlay paper

fully perforated kraft paper.

Article-No.	Execution	Use	Measurements
4015	microperforated 60 g/m ²	for fixing of the layers by vaccum sucking on the	Length: abt. 210 m Width: 92, 122, 152, 162, 183, 203 cm
4017	microperforated 80 g/m ²		
4016	macroperforated 60 g/m ²	cutting table	Length: abt. 210 m Breite: 92, 122, 152, 162, 183, 203 cm
4018	macroperforated 80 g/m ²		



Article-No.	Execution	Use	Measurements
5015	25 g/m ²	as seperating papers and pleating help	Length: abt. 800 m Width: 152, 160, 180 cm
5016	straight, un perforated, 30 g/m ²		Length: abt. 800 m, Width: 150 cm

Unterlay paper

Article-No.	Execution	Use	Measurements
5032 light brown	pattern cardboards 140 g/m²		Weight: abt.37 kg/Roll Width: 100 cm
5033 white/light brown			Weight: abt.37 kg/Roll Width: 102 cm
5034 white/light brown	pattern cardboards 175 g/m²		Weight: abt.37 kg/Roll Width: 140 cm
5035 beige	pattern cardboards 180 g/m²		Weight: abt.37 kg/Roll Width: 100,120,150 cm
5036 green only 100cm			
5037 white/light brown	pattern cardboards 200 g/m²		Weight: abt.37 kg/Roll Width: 120,152 cm
5039 white/light brown	pattern cardboards 275 g/m²		Weight: abt.37 kg/Roll Width: 100 cm
5040 light brown	pattern cardboards 280 g/m²		Weight: abt.37 kg/Roll Width: 100,150 cm
5041 light brown	pattern cardboards 290 g/m²		Weight: abt.37 kg/Roll Width: 100,140 cm
5042 beige (auch 200 cm)	pattern cardboards 310 g/m²		Weight: abt.37 kg/Roll Width: 100 cm
5043 pinc			
5044 green			
5045 lachs			
5046 beige	pattern cardboards 340 g/m²		
5047 green			
5048 beige	pattern cardboards 380 g/m²		
5049 green			
5050 beige/green			
5051 beige/pinc			
5052 light brown	pattern cardboards 450 g/m²		
5053 beige	pattern cardboards 510 g/m²		
5054 green			
5055 beige	pattern cardboards 670 g/m²		

Card boards

Low pressure film

air-proof film with high density

Article-No.	Strength (my)	Fitted	Width of roll (mm)	Length of roll (m)
3060	15	with antistatic effect	1800-2450	700-1000
3061	20	with antistatic effect	1800-2450	700-1000
5062	25	with antistatic effect	1800-2450	700-1000
5063	30	with antistatic effect	1800-2450	700-1000
5064	15	without antistatic effect	1800-2450	700-1000
5065	20	without antistatic effect	1800-2450	700-1000
5066	25	without antistatic effect	1800-2450	700-1000
5067	30	without antistatic effect	1800-2450	700-1000

Plotter pens from

Pressurized Plotter pens showing the following characteristics:

- extremely quick plot capacity of up to 3 m /sec.
- writing lengthes of 4,000 m and more
- no drying up of the pens



4100

4100 Standard, 89 mm, black, bold.



4101

4101 Giant, 107 mm, black, bold.



4102

4102 Super-Giant, 107 mm, black, bold.



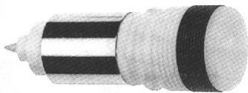
4103

4103 Standard, 89 mm, empty.



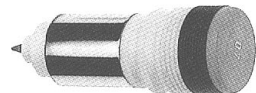
4104

4104 Giant, 144 mm, empty.



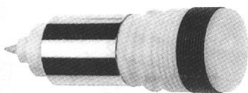
4106

4106 Plastic tip, 0,3 mm line width, drawing velocity, plotter paper 300 mm/s, OHP-Film 150 mm/s, surface strength 0,2-0,4 N =20-40 g. Available in: black, red, blue, green, brown, violett, orange, yellow, red-violett, turquoise, light green.



4107

4107 Plastic tip, 0,7 mm line width, drawing velocity, plotter paper 200 mm/s, OHP-Film 100 mm/s, surface strength 0,2-0,4 N =20-40 g. Available in: black, red, blue, green, brown, violett, orange, yellow, red-violett, turquoise, light green.



4108

4108 Kugelspitze, 0,2-0,3 mm line width, drawing velocity, plotter paper 600 mm/s, surface strength 0,5-0,7 N =50-70 g. Available in: black, red, blue, green, brown, violett, orange, yellow, red-violett, turquoise, light green.

Cut-ting is the point

6109 Pattern Cutter, bench-type, motor 220/380 Volt, A.C. 3 phases, fitted under the table-top of 80 x 50 cm cutting pasteboard, plastics, cardboards, pressboard up to 1,5 mm thickness.

6109/1 Upper spare knife, for 6109.

6109/2 Lower spare knife (pair), for 6109.

9972 Multi purpose scissors, strong type, for best requirements. Cuts sheet, wire, pasteboard, pastic, cardboards etc. without problems. Light cutting by the favourable leverage, short blades and handles that come up to the function, total length abt. 170 mm, blades abt. 40 mm.

6915/1 Cutting pliers, abt. 130 mm long, to mark patterns, fabrics, paste boards, leather etc., for half-round cuts 2 x 8 mm (picture1).

6915/2 Cutting pliers, as 6915/1, but for triangluar cuts 5 x 5 mm (picture 2).

6915/4 Cutting pliers, as 6915/1, but for half-round cuts 1,6 x 6 mm (picture 3).

6915/5 Cutting pliers, as 6915/1, but for rectangular cuts 1 x 8 mm (picture 4).

6915/6 Cutting pliers, as 6915/1, but for half-round cuts 5 x 6 mm (picture 5).

6914 Punching pliers, revolving, pressed of sheet steel, for cardboard, leather, fabrics, etc., with 6 exchangeable punching pipes of 2; 2,5; 3; 3,5; 4 and 4.5 mm Ø, total length abt. 230 mm.

6113 Hand Punching Device, for punching the suspension holes in patterns, hole Ø 16 mm, weight of 2,5 kg.

6112 Hand Punching Device, for paper or pasteboard, also in several layers, with 3 interchangeable punches for 3, 4, 5,5 mm Ø.

6112/1 Punching inserts, single, 3 mm, for 6112.

6112/2 Punching inserts, single, 4 mm, for 6112.

6112/3 Punching inserts, single, 5.5 mm, for 6112.

6897 Pattern Hook, 150 mm long, in packages of 25 pcs. each.

6899 Pattern Hook, with twine for easier handling, total lenght of 220 mm.



6109



9972



6915/1-5



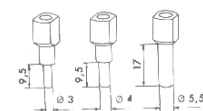
6914



6113



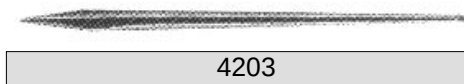
6112



6897



6899



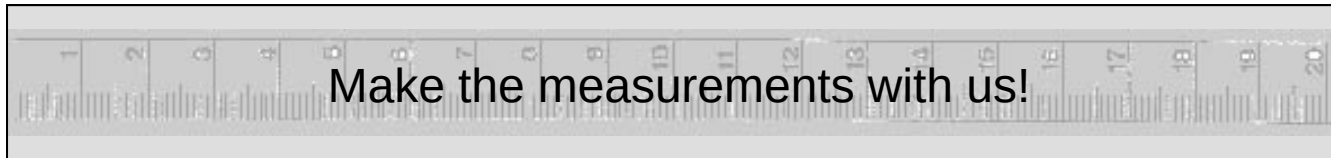
4203

4203 Awl 45 mm, very good for markings on pasteboard patterns.



4204 with 4203

4204 Handle with screw chuck for 4204 without needle.



Make the measurements with us!



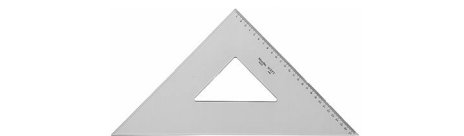
9387/9388

9387 Lapel Angle, of light metall 2 mm, thick, 60 x 24 cm, with graduation.



9386

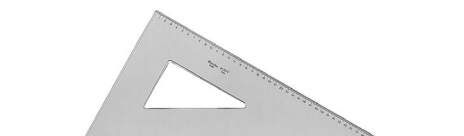
9386 Curve templet - Bumester type - of grey plastic 2,6 mm thick, ink protection edges.



7650/1-2+7652/1-2

7650/1 Drawing triangle of transparent, unbreakable macralon, cm graduation and ink-edge, right angled 46°, 40 cm long.

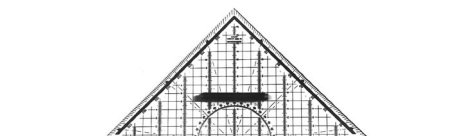
7650/2 Drawing triangle as 7650/1, but 32 cm long.



7653/1-2

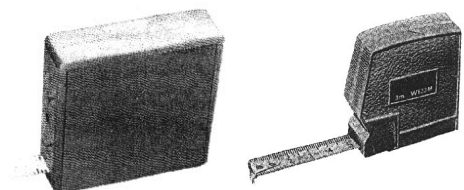
7652/1 Drawing triangle of transparent, unbreakable macralon, mm graduation and ink-edge, right angled 60°, 25 cm long.

7652/2 Drawing triangle as 7652/1, but 50 cm long.



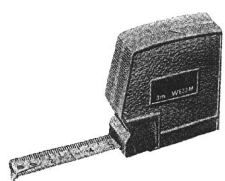
7657

7657 Large technical drawing triangle, plexiglass transparent, removable handles, angle graduation 180° - 1°, recurrent and coloured angle number figuration with ink-edge, hypotenuse 325 mm.



9363

9363 Steel tape measure, 2 meters, graduation in cm, housing blue, with JOMRO imprint.



9364

9364 Steel tape measure, automatic rolling-up, lockable, graduation in cm/inch, 200 cm long, in plastic housing.

9368 Tailor's tape, cm graduation, 150 cm long, with glass fibre core, unspreading.

9369 Tailor's tape of Trevira, unspreading, graduation in mm/cm, and in inches on the other side, 150 cm long, yellow.

9366 Adhesive measuring tape, 1 to 100 cm printing from left to right, in rolls of 20 meters.

9366/1 Adhesive measuring tape, as 9366, but printing from right to left.

6788 Ruler for seams and pleats, 218 mm long, of plastic

9376/1 Yardsticks, gauged, natural varnished, 100 cm long.

9376/2 Yardsticks, gauged, natural varnished, 50 cm long.

9377/1 Hard Wood Rulers white, with graduation in mm on both sides, 500 x 22 x 10 mm.

9377/2 Hard Wood Rulers white, with graduation in mm on both sides, 1.000 x 22 x 10 mm.

Steel Rulers, flexible, stainless, of spring steel, graduation in mm/inch.

Please note the article-Nos. from table 10.

Article-No.	9381/1	9381/4	9381/5	9381/6	9381/7
Length (mm)	150	300	500	1000	1500
Width (mm)	13	13	18	19	19
Thickness (mm)	0,3	0,3	0,5	0,6	0,6

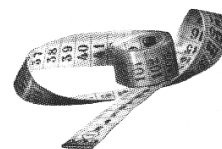
Table 10

9382 Waist tape measure, yellow, 200 cm long.

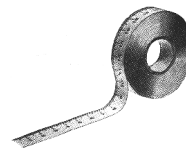
7658 Cobra-curve templet, flexible, for transcribe, effect and mold of curves, 50 cm long.

7659 Metral-templet, a patented top-quality product with a scale for linear measurement, adhesive grooves prevent a slip, 50 cm long.

7664 Circular templet of plastics, orange/transparent 260 x 130 x 1,6 mm, Ø of circles 1 - 36 mm, mm graduation.



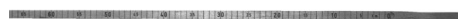
9368, 9369



9366



6788



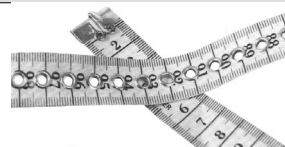
9376



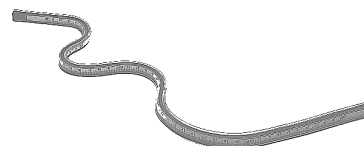
9377/1-2



9381



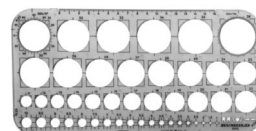
9382



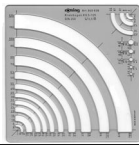
7658



7659

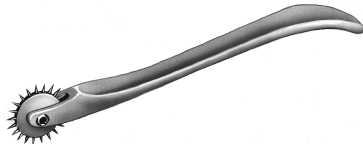


7664



7666

7666 Templet for circular curves, made of plastics, orange/transparent, 148 x 148 x 1,5 mm, radius 0,5 - 125 mm, as per DIN 250.



6936

6936 Tracing Wheel, 22 steel spikes, without finger rest.

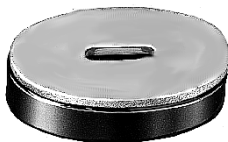
Tracing powder available in all colours from 

Tracing powder, to be used in shaker 6116, adhesive, can be brushed out, fixation possible by spirit (most times) not necessary), fresh colours, in boxes of abt. 600 g.

Article-Nos please note from table 11.

Articel-No.	6115/1	6115/2	6115/3	6115/4	6115/5
Coulors	white	red	blue	yellow	black

Table 11



6116

Special tracing powder, enriched with micro wax powder. During the steam iron process this wax powder makes disappear the trace drawing by help of heat. This powder can be applied with each pattern - perforated or with slit. With the hig adhesion fixing is not necessary. Available in tins with 500 g each.

Article-Nos. please note from table 12.

Artiel-No	6115/10	6115/11	6115/12	6115/13	6115/14
Coulors	white	red	blue	yellow	black

Table 12



6997

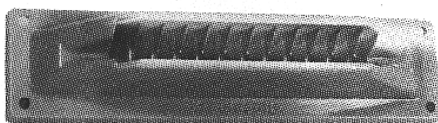
Chalk powder for chalk marker and skirt marking device, cannot be fixed, in bags of abt. 1.000 g.

Article-Nos. please note from table 13.

Artikel-Nr.	6999/1	6999/2	6999/3	6999/4	6999/5
Coulors	white	red	yellow	blue	black

Table 13

6116 Shaker, round tin box with felt pad, for applying tracing powder 6115.



6996

6997 Chalk marker of plastic, for fine strokes.

6996 Chalk sharpener of plastic, simple type.

Tailor's chalk in all qualities from



Tailor's clay chalk, abt. 55 x 55 mm, in boxes of each 100 pcs., weight per box abt. 2,5 kg.

- 6990/1** white
- 6990/2** red
- 6990/3** yellow
- 6990/4** blue
- 6990/5** black



6990

Tailor's wax chalk, abt. 50 x 40 mm, in boxes of each 50 pcs. , weight per box abt. 0,5 kg

- 6991/1** nature white
- 6991/2** red
- 6991/3** yellow
- 6991/4** blue
- 6991/5** black



6991

Tailor's oil chalk, abt. 50 x 50 mm, in boxes of each 50 pcs., weight per box abt. 1,7 kg.

- 6992/1** white
- 6992/2** red
- 6992/3** yellow
- 6992/4** blue



6992

Chemical tailor's chalk, abt. 40 x 40 mm, suitable for all textiles, evaporates immediately when ironing, in boxes of each 50 pcs., weight per box abt. 0,450 kg, available only in nature white.

- 6993/1** evaporates after abt. 2 - 3 days
- 6993/2** evaporates after abt. 4 - 5 days
- 6993/3** evaporates after abt. 6 - 7 days



6993

Tailor's soap chalk, abt. 50 x 40 mm, in boxes of each 50 pcs. weight per box abt. 0,450 kg.

- 6994/1** white
- 6994/2** red
- 6994/3** yellow
- 6994/4** blue
- 6994/5** black



6994

7002 Fluorescent tailor's chalk, pencils, green, hard, in boxes of each 25 pcs.

7002/1 Fluorescent tailor's chalk, pencils, green, soft, in boxes of each 25 pcs.

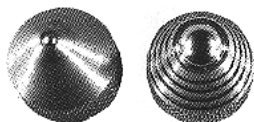


7002

Correct marking



9109/1-7



9112/1-5



9122



9123



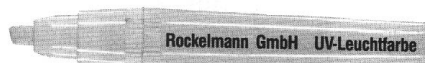
9124



7005/1-6



7029



7030

Colour for marking fabrics, in tubes, very good colour fastness. When using this marking colour it is no longer necessary to sew-in markings or to sort any ready parts.

Colours see Table No. 14.

Colour	black	yellow	red	white	green	orange
Article-No.	9109/1	9109/2	9109/3	9109/4	9109/5	9109/7

Table 14

Metall writing head and plastic writing head for 9109, 9123 and 9124.

Stroke widths see Table No. 15

Ø (mm)	1,8	2,5	3,5	4,5	6,5
Article-No. brass	9112/1	9112/2	9112/3	9112/4	9112/5
Article-No. plastic	9113/1	9113/2	9113/3	9113/4	

Table 15

Colour for marking fabrics, in cans per 1-litre.

See Table No. 16.

Article-No.	9122/1	9122/2	9122/3	9122/4	9122/5	9122/7
Colours	yellow	red	black	white	green	orange

Table 16

9123 Bottle for writing colour, with the advantage that there is every time a continuous writing process.

9124 Pen for writing colour

In order to avoid difficulties tests should be made before using the marking colour.

Water soluble marking pens for all textiles, universal use, easy removing, suitable for the marking of natural and synthetic fibres, soft quality, for worsted yarn-, socks-, and knitted goods, in packages of each 50 pcs. Article-Nos. see Table No. 17.

Article-No.	7005/1	7005/2	7005/4	7005/5	7005/6	7005/7
Colours	turquoise	grey	orange	pink	yellow	brown
Article-No.	7005/8	7005/9				
Colours	blue	green				

Table 17

Important Hint:

The use of the marking pens 7005 presupposes that a wet procedure follows to remove the marking. The removing by a cleaning solvent is not possible.

7029 UV-marking pen Glo-Mark, most suitable for marking button holes and similars.

7030 Textile marking pen, UV-fluorescent colour, large point. After marking quick evaporation of the solvent, thus no after-treatment necessary. After use please close the pen.

Omnichrome-pen, for smooth surfaces, water-soluble, non forcible box with 12 pencils.

Article-Nos. see table No. 18.

Article-No.	7035/1	7035/2	7035/3	7035/4	7035/5	7035/6	7035/7
Colours	white	yellow	red	blue	green	brown	black

Table 18

7021 Sublimate pen with protection cover, becomes automatically invisible after abt. 2-8 days, especially suitable for black or dark clothes.

7022 Marking pen with protection cover, becomes automatically invisible after abt. 2-8 days, can only be supplied in violet, 155 mm long, 8 mm Ø. Not suitable for impregnated woolen cloth.

7023 Marking pen with protection cover and two colours, violet (depending on the fabric it evaporates after abt. 1-8 days) and pink (evaporates already after a few hours). Due to the bigger points this pen is especially suitable for sensitive fabrics.

7024 Marking pen with protection cover, with big point, expecially suitable for high-piled materials where other pens are not visible enough.

7027/1 Marking pen, pink, vanishing time 1 - 2 days.

7027/2 Marking pen, pink, vanishing time 2 - 4 days.

7027/3 Marking pen, violet, vanishing time 4 - 8 days.

7027/4 Marking pen, violet, vanishing time 7 - 12 days.

7026 Vanishing pen for marking pens Nos. 7021 - 7027

7033 Water Pen-marking pen, with protection cap, markings can only be erased by water, ink is nontoxic and harmless for the cloth.

6132/1-3 Revolving pen OMNICHROM, especially suitable to mark soft leather, Colours see Table No. 19

6133/1-3 Special refill for revolving pens 6132, in boxes of each 12 pieces, Colours see Table No. 19

6934/1-3 Chalk pen, wooden shaft 165 mm long, 8 mm Ø, with brush, to brush out the chalk strokes, Colours see Table No. 19

Colours	pink	blue	white	yellow	red	green	black
Article-No.		6132/4	6132/1	6132/2	6132/3	6132/5	6132/7
		6133/4	6133/1	6133/2	6133/3	6133/5	6133/7
	6934/2	6934/3	6934/1				

Table 19

6934/4 Pencil sharpener for Article-No. 6934/1-3 and 6989/1-3.

7036 Linen signing pen, black, with cone point for steadily marking, also while cleaning, of textile and marking tapes.



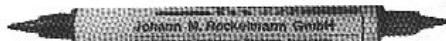
7035



7021



7022/7027/7033



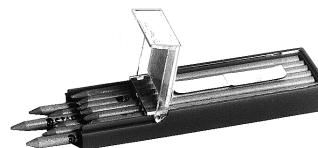
7023



7024



6132/1-3



6133/1-3



6934/1-3



7036



7037



6989/1-5

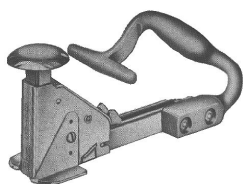
7037 Linen marker, type Edding, for textile marking of any kind and for waterproofed marking of textiles at 30° C, 60° C and 90° C.

6989/1-5 Chalk pencil, wooden shaft 175 mm long, 8 mm Ø, to mark buttons, button holes, and other things, in packages of each 12 pcs., colours see table no. 20

Colours/ Article-No.	gold-ochre	light grey	dark grey	red	white	yellow
	6989/1	6989/2	6989/21	6989/3	6989/4	6989/5

Table 20

Fasten your patterns with



6875



6876/1-3

6875 Pattern Tacker, indispensable accessory for the cutting room, specially designed for tacking paper patterns to cloth. Compact type with bent aluminium handle. Stapling parts hardened and chrome-plated.

Staples for tackers 6875 in packages of 5,000 pcs. each.

Sizes see table No. 21.

Article-No.	¼ "	3/8 "	½ "
	6876/1	6876/2	6876/3

Table 21

6010 Pin, with ring head 1.5 x 65 mm, of steel wire nickelplated, with ground points, in boxes of each 100 pcs.

4202 Spit needle with sucking plate for fixing on table, to pin knitted parts which have to be cut according to meshes as well as glencheck etc. which have to be pinned according to marking resp. report.

6065/1 Marking pin, for cutting room, needle plate of plastic, 30 mm Ø, therefore very steady, pin length 55 mm.

6065/2 Marking pin, for cutting room, needle plate of plastic, 75 mm Ø, therefore very steady, pin length 55 mm.

6064/1 Pattern stick pin, for sticking the patterns onto the fabric layers, coloured plastic head, pin length 25 mm.

6064/2 Pattern stick pin, for sticking the patterns onto the fabric layers, coloured plastic head, pin length 40 mm.

6064/3 Pattern stick pin, for sticking the patterns onto the fabric layers, coloured plastic head, pin length 60 mm.

6781/1 Needle ring, to fasten patterns on fabric layers, with 5 needles, needles can be exchanged, length abt. 20 mm.

6781/2 Needle ring as 6781/1, but needle length abt. 30 mm.

6781/3 Needle ring as 6781/1, but needle length abt. 40 mm.

6781/5 Needle ring as 6781/1, but needle length abt. 60 mm.

Spare needles for needle rings 6781, available in boxes of each 100 pcs. See table No. 33.

length (mm) / Article-No.	26,5	36,5	46,5	66,5
6780/1				
6780/2				
6780/3				
6780/5				

Table 22



6790/1 Needle bar of plastic, to fasten patterns on fabric layers, with 3 needles, needle length abt. 20 mm

6790/2 Needle bar as 6790/1, but needle length abt. 25 mm.

6790/3 Needle bar as 6790/1, but needle length abt. 30 mm.

6790/4 Needle bar as 6790/1, but needle length abt. 40 mm.

3465 Line-button-hole-marker for constant marking of button-holes, buttons, gussets etc. adjustable, Article-Nos. see table 23.

Article-No.	5 parts	6 parts	7 parts	8 parts	9 parts	10 parts
3465/1						
3465/2						
3465/3						
3465/4						
3465/5						
3465/6						

Table 23

3465/10 Spare needles for line-button-hole-marker, length 185 mm, 2 mm Ø

6127/1 Weight for cutting room, metal with plastic handle, shoe abt. 150 x 50 x 15 mm, weight abt. 1.0 kg.

6127/2 Weight for cutting room, metal with plastic handle, shoe abt. 150 x 50 x 25 mm, weight abt. 1.5 kg.

6127/3 Weight for cutting room, metal with plastic handle, shoe abt. 200 x 50 x 25 mm, weight abt. 2.0 kg.

6127/4 Weight for cutting room, metal with plastic handle, shoe abt. 200 x 50 x 25 mm, weight abt. 1.5 kg, with 4 holes at the corner for needles to secure.

9521 Special Clip for suspension carriage, mouth lined with mossy rubber of 1 cm, clamping face of 20 x 2.5 cm.

9522 Special Clip for suspension carriage, mouth lined with mossy rubber of 1 cm, clamping face of 5 x 2.5 cm.

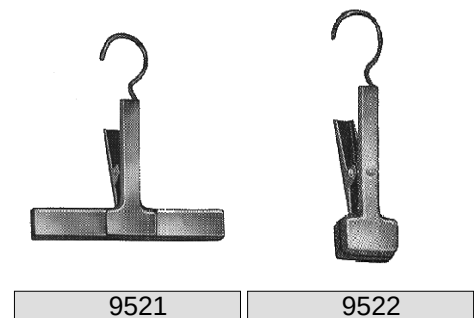
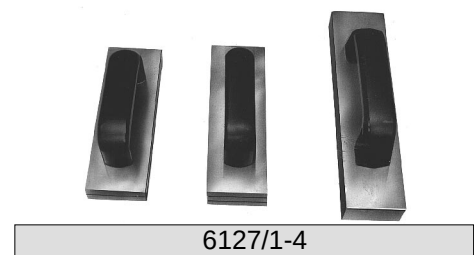
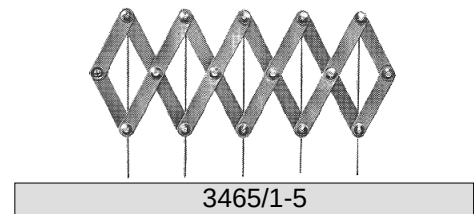
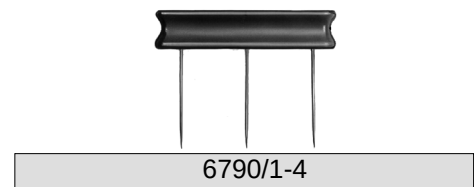
9519 Trousers Clip, with hook, mouth lined with black plastic, 20 mm wide, length without hook 55 mm

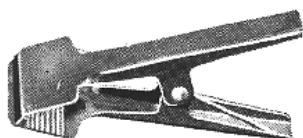
9665 Trousers Clip, with hook, mouth lined with black plastic, 20 mm wide, length without hook 70 mm.

9523 Fabric Clip with stand, adjustable up to 60 mm in height.

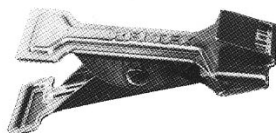
9524 Fabric Clip with stand, adjustable up to 100 mm in height.

9524/1 Springs for fabric clips No. 9524.





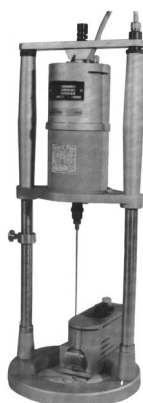
9526/9540/9543/4222-4224



4220



4221



3460

9526 Fabric Clip, size 2, nickel-plated, span of 60 mm, 50 mm wide.

9540 Fabric Clip, size 4, of sheet steel, nickel-plated, span of 120 mm, 65 mm wide, with soft spring.

9543 Fabric Clip, size 4, of sheet steel, nickel-plated, span of 120 mm, 65 mm wide.

4222 Fabric Clip, coated with coloured plastic, 6 cm wide.

4223 Fabric Clip as 4222, but 9 cm wide.

4224 Fabric Clip as 4222, but 12 cm wide.

4220 Pattern Clip, rust-proof quality.

4221 Hem Clip, rust-proof quality.

3460/1 Universal marking machine, marking by heated needles 3461 or 3462 highest precision, without thread, neither colours nor other assisting means, suitable for wool, Jersey, knitwear, hosiery, tricots, Charmeuse, Nylon, Perlon etc., penetration 120 mm.

3461/2 Universall marking machine, as 3460/1, but penetration 160 mm.

Marking needle see following table.

Article-No.	3461/1	3461/2	3461/3	3461/4	3461/5	3461/6
Needle-Ø (mm)	1,0	1,25	1,5	2,0	2,5	3,0

Marking needle for 3460/1

Article-No.	3462/1	3462/2	3462/3	3462/4	3462/5	3462/6
Needle-Ø (mm)	1,0	1,25	1,5	2,0	2,5	3,0

Marking needle for 3460/2

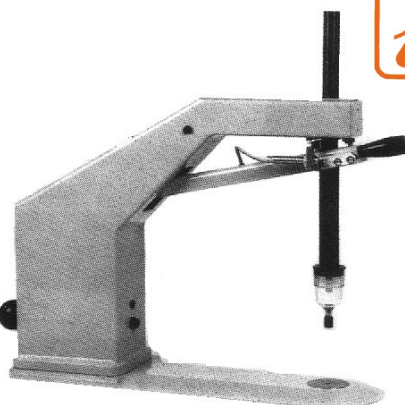


Important hint:

Marking needles and other spare parts can be supplied for other brands, too. Please indicate the brand and type. Send samples or indicate the part number.

9499 Colour marking machine, marking depth up to 80 mm, marking of textile and synthetic fabrics, simple handling, precise marks, sturdy construction as the engine placed in low position, marking of 3 different needle thicknesses is possible, no damage of the table plate.

Technical Data: engine 220 V Ac, 50 Hz, 34 Watt



9499



Always good cutting with

3447 Circular cutting machine USM-G, 220 Volt, 260 Watt, cutting height up to abt. 30 mm, with grinding device, abt. 2,500 g.

3519 Circular cutting machine Rapido, 220 Volt, 40 Watt, cutting height up to abt. 5 mm, suitable for single layers. Standard with others heptagonal knife (others upon request), additional grinding device for reshaping the upper knife in the machine. The machine has got a strengthened, unbreakable knife-tenter and a strong lower knife with cutting angle adjustment.

3419/5 Lower knife for circular cutting machine 3519.

3452 Circular cutting machine Favorit, with heptagonal knife, 220 Volt, 55 Watt, cutting capacity up to 10 mm, with blade grinding device, weight of 800 g.

3452/5 Lower knife for circular cutting machine 3452.

3452/6 Carbon brush for circular cutting machine 3452.

3452/7 Grinding stone for circular cutting machine 3452.

3420 Circular cutting machine "Cutty"

Technical data:

Capacity: 45 Watt
Velocity of knives: 2,950 r.p.m.
knife dia: 50 mm
Cutting height: 7 mm
Weight: 670 gr.

3478 Circular cutting machine 602 SL, decagonal knife, 220 Volt, 45 Watt, for few or single layers, weight of abt. 600 g.

3521 Electric scissor for any purpose.

Including:

- 1 Cutting head for straight cuts.
- 1 Cutting head for curved cuts.
- 1 Battery charger, 220 V

Our circular cutting machines are equipped according to the latest safety standards.



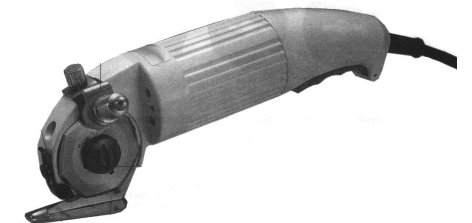
3447



3519



3452



3420



3478



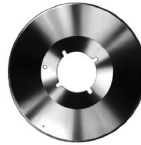
3521

**bullmer
werk**


Article-No.	Type	Original-No.	No of edges	outer-Ø (mm)	innerØ (mm)	thickness (mm)
3546/1	601,605	0570/1	10	79	10	2,0
3546/3	604,801	0470/1	10	58,5	10	1,0
3546/4	606,607,AV100 AV300	0670/1	10	99,5	10	2,0
3546/5	607	0674	circular	100	10	1,5
3546/6	608,609,870R	870/1	10	126	45	2,0
3546/7	608,609,0840R	840R	circular	126	45	1,0

EASTMAN


3546/24	59	4"	circular	101,6	39,7	1,0
3546/18	344,354,355,356	5 1/4"	circular	133,5	50,8	1,0
3546/20	155X	6"	circular	152,4	50,8	1,5
3546/22	N-155-KAD	7,5"	circular	190	50,8	1,7
3546/40	Favorit, Piccolo Liliput, Rapido		circular	50	25x10x4	1,2
3546/41	Favorit, Piccolo Liliput, Rapido		10	50	25x10x4	1,2
3546/42	Favorit, Piccolo Liliput, Rapido		4	50	25x10x4	1,2
3546/46	Favorit, Piccolo Liliput, Rapido		7	50	25x10x4	1,2
3546/47	lak, lag, Goliath		circular	60	25x10x4	1,2
3546/48	lak, lag Goliath		4	60	25x10x4	1,2
3546/50	Z+St. types		circular	110	25x10x4	1,2
3546/51	Z+St. types		4	110	25x10x4	1,2
3546/52	Z+St. types		10	110	25x10x4	1,2
3546/55	X-130,X-130-N		10	130	25x10x4	1,5

KURIS


3546/65	Novita	15780	circular	50	16	1,0
3546/66	Novita	16110	6	50	16	1,0
3546/80	Novita (Spezial)	16210	6	60	16	1,0
3546/67	Novita	16120	8	50	16	1,0
3546/68	BOM 60	16002	4	60	22	1,0
3546/82	BOM30,BOM80 AM80	15762	circular	80	22	1,0
3546/69	BOM30,BOM80 AM80	16012	4	80	22	1,0
3546/83	BOM30,BOM80 AM80	16092	6	80	22	1,0
3546/125	BOM100	15772	circular	100	22	1,0
3546/70	BOM100	16022	4	100	22	1,0
3546/126	BOM100	16102	6	100	22	1,0
3546/71	KRH80	15702	circular	80	26	1,0
3546/72	KRH10	15712	circular	100	35	1,2
3546/73	KRH12,KRS550	15722	circular	120	35	1,2
3546/77	KRH12,KRS550	16052	4	120	35	1,5
3546/74	KRH15	15732	circular	150	35	1,5
3546/75	KSM200,KRH20	15742	circular	200	40	2,2
3546/127	KSM200,KRH20	16172	4	200	40	2,2

WOLF


3546/106	Blazer	16 6"	circular	153	40,8	1,2
3546/107	Blazer-O	18 6"	circular	152,4	50,8	1,3
3546/110	Clipper	23 4"	circular	102	31,75	1,0



Article-No.	Model	Type	Grain
3440	Eastman/Hoogs	Blue Streak/KM	medium, grain 100
3440/1	Eastman	Blue Streak	fine, grain 120
3440/2	Eastman	Blue Streak	coarse, grain 80
3442	Maimin	Power	fine, grain 120
3443	Wolf	Pacer	medium, grain 100
3444	Gury	Comet	medium, grain 100
3431/1	Lectra	Cutter System 95	coarse, grain 80
3431/2	Lectra	Cutter System 95	medium, grain 100
3431/3	Lectra	Cutter System 95	fine, grain 120
3431/4	Lectra	Cutter System 95	extra fine, grain 150

Table 25



Band Saw Blades, by the meter, bevel formations according to the illustrations 1 to 11. Please send sample with your order.



Endless band saw blades are available in all other lengths, and with bevel Nos. 2 to 11. Other measurements upon request.

Formation 1: one- or two-side bevels, for cutting cloths, rubber, crêps-rubber

Formation 2: for bevels, for two direction cutting, particularly for crêps-rubber.

Formation 3: one- or two-sided bevels, fine teeth, for heavy crêpe-rubbers, with fillers.

Formation 4: for bevels, fine teeth, same use as under No. 3.

Formation 5: interrupted one- or two-sided bevels, for soft rubber, crêpe, or thin pasteboards.

Formation 6: concave bevel, for lining sateen, unbleached calico, rubber, etc.

Formation 7: convex bevel, same use as under No. 6

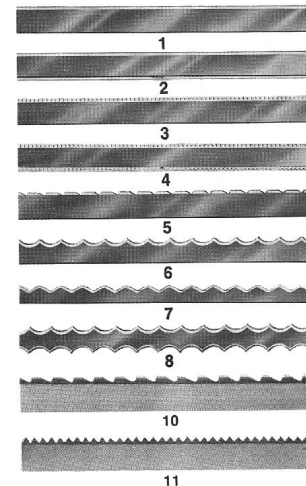
Formation 8: concave bevel, for two direction cutting, same use as under No. 6

Formation 10: double bevel, foam material teeth 3 x 3 mm, for cutting rubber, foam rubber etc.

Formation 11: roof teeth 2.5 mm wide, 2 mm deep, for cutting rubber, foam rubber etc., with double bevel.



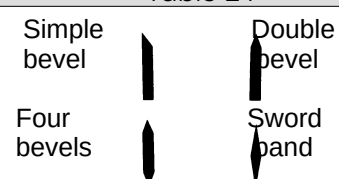
3439-3444



Band knives with double bevel and formation 1.

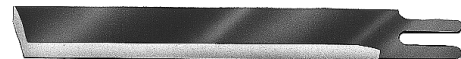
Article-No.	Measurement in mm	suitable for:
3488/2	2880x10x0.45	Bullmer Model 770
3488/4	3480x10x0.45	Bullmer Model 772
3488/5	4050x10x0.45	Bullmer Model 775/775S
3488/6	4255x10x0.45	Bullmer Model 776/777
3488/7	5280x10x0.45	Bullmer Model 778
3488/8	4100x10x0.45	Bullmer Model 775 S
3488/11	4600x10x0.45	Hoogs Model MN
3488/12	4720x10x0.45	Hoogs Model P
3488/20	3550x10x0.45	Kuris Model BKR 250
3488/21	4120x10x0.45	Kuris Model RBS
3488/22	4550x10x0.45	Kuris Model RBS 70
3488/23	4560x10x0.45	Kuris Model RBMW
3488/24	4920x10x0.45	Kuris Model RBS70, 300 Wastema/Setec 492
3488/25	5000x10x0.45	Kuris Model RBME
3488/26	5300x10x0.45	Kuris Model RBMR 60
3488/27	3760x10x0.45	Wastema/Setec STV 376
3488/28	4300x10x0.45	Autex

Table 24





Bullmer



Eastman



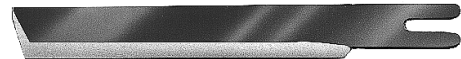
Hoogs



Kuris



Maimin



Wolf



Gury-Comet



3541/1-5



9099



9079

Article-No.	Original-No.	length (inch)	suitable for
3545/1		6	Bullmer-Beaver, JRH-6, No.912
3545/2		8	Bullmer-Beaver, JRH-6, No.912
3545/11		6	Eastman
3545/12		7	Eastman
3545/13		8	Eastman
3545/14		9	Eastman
3545/15		10	Eastman
3545/16		11 1/2	Eastman
3545/11		6	Hoogs, KM
3545/12		7	Hoogs, KM
3545/13		8	Hoogs, KM
3545/14		9	Hoogs, KM
3545/15		10	Hoogs, KM
3545/33	15155	6	Kuris (15155, KVV15/KV115)
3545/34	15205	7	Kuris KVV 18/KV 140
3545/35	15256	8	Kuris KVV 20
3545/81	15376		Kuris KVS 700
3545/84	15382		Kuris KV 1350
3545/85	15380		Kuris KV 1600
3545/86	15381		Kuris KV 2000
3545/87	15389		Kuris KVS 900
3545/40		4	Maimin
3545/41		6	Maimin
3545/42		8	Maimin
3545/51		6	Wolf Pacer
3545/52		7	Wolf Pacer
3545/53		8	Wolf Pacer
3545/54		10	Wolf Pacer
3545/61		6	Gury Comet
3545/62		7	Gury Comet
3545/63		8	Gury Comet
3545/65		9	Gury Comet
3545/64		10	Gury Comet

Protective gloves with 5 fingers, in different sizes. Please always indicate left or right hand. See table No. 26.

Size	1 - green	2 - white	3 - red	4 - blue	5 - orange
Article-No.	3541/1	3541/2	3541/3	3541/4	3541/5
for	small women's size	medium women's size	women's size	standard gent's size	gent's size

Table 26

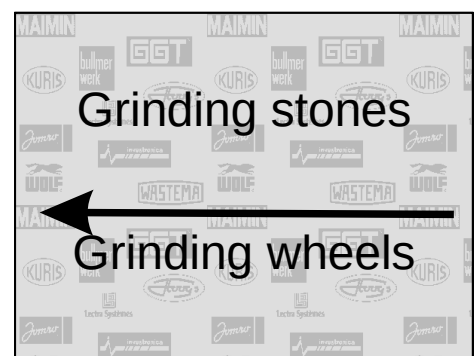
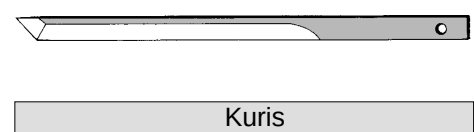
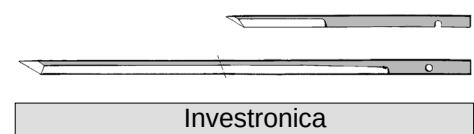
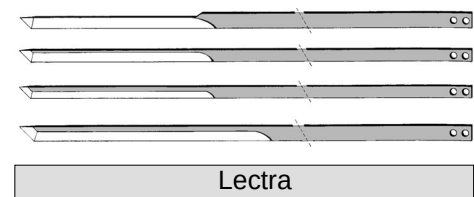
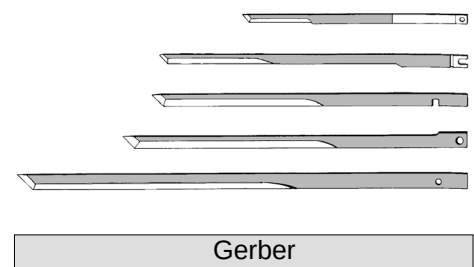
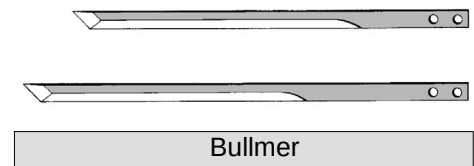
9099 JOMRO Slide - Spray, in spraying bottles of abt. 520 g contents. A slide spray with outstanding features: it smoothes without greasing, it is rust and dirt rejecting, it is clear as water, it does not effect colours, it does not leave spots or stains. Example for application: for smoothing sewing machine or cutting tables, or any other table, for smoothing band knives, percussion knives, circular knives, for smoothing iron soles, for smoothing slide bars and conveyors, for smoothing sewing machine needles, for other purposes.

9079 JOMRO Antistatic Spray for synthetics, very effective against electrostatic inductions, dust refusing quality against dust and fluff. A light spray to yarn, fabric, or bobbin is enough. Bobbins are sprayed on top and bottom, only. This spray produces neither spots nor traces. Contents abt. 520 g.

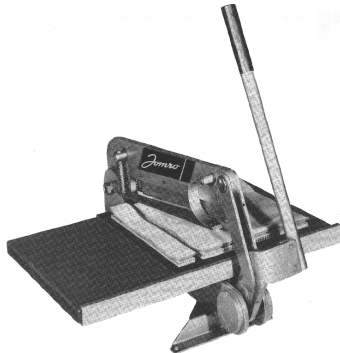


Artikel-Nr.	Measurment	Original-No. Model	suitable for
3545/140	179x8x2.5 mm, smooth	100123 G	
3545/141	179x8x2.5 mm, concave grinding	100123 H	
3545/142	201x8x2,5 mm, smooth	100124 G	
3545/143	201x8x2,5 mm, concave grinding	100124 H	
3545/102	254x2,35x8 mm concave grinding hole	G 91	
3545/103	254x2,35x8 mm concave grinding slot	G 91	
3545/104	178x1,5x65 mm	G 90	
3545/105	178x2x8 mm	S 90	
3545/106	175x1,5x6,5 mm	G 93	
3545/107A	195x2x7,9 mm hole	G 93 HPC	
3545/107B	195x2x7,9 mm slot	G 93 HPC	
3545/108	127x0,9x5 mm	G 95	
3545/109	183x1,5x6,3 mm	G 93	
3545/110	73,5x1x7,5 mm		
3545/111	113x2x7,5/6 mm concave grinding	Vector 2500	
3545/112	113x2x7,5/6 mm slim tip	Vector 2500	
3545/113	113x2x7,5/6 mm wavy	Vector 2500	
3545/114	113x2x7,5/6 mm straight tip	Vector 2500	
3545/115A	80x0,8x4 mm	S 97	
3545/115B	85x0,8x4 mm	S 97	
3545/116	296x2,0x7 mm round tip	S 95	
3545/117	362x3x8,5 mm	S 96	
3545/118	296x3x8,5/6,5 mm	S 95	
3545/119A	296x2x7 mm	S 95	
3545/119B	296x3x7 mm	S 95	
3545/120	139x1,5x6,3 mm		
3545/121	146x1,5x6,3 mm		
3545/122A	187x1,95x8 mm		
3545/122B	187x1,8x8 mm		
3545/123	291x2,52x8 mm long grinding		
3545/124	291x2,52x8 mm short grinding		
3545/125	296x2,52x8 mm llong grinding		
3545/126	296x2,52x8 mm long grinding		
3545/127	296x2,52x8 mm, short blade, long tip		
3545/128	245x8/7,8x3/2,75 mm hole	S 70/1	
3545/129	245x8/7x2,5/2 mm hole	S 70/2	
3545/130	245x8/7,8x2,52 mm hole	S 70/3	
3545/160	169,5x8x2 mm		
3545/161	174x8x2,5 mm		
33545/162	174x10x2,5 mm		

Article-No.	Measurment	Form	suitable for
3408/1	10 mm Ø	Grindingwheel	Gerber-Cutter
3408/2	27 mm Ø	Grindingwheel	Gerber-Cutter G 90
3408/3	35 mm Ø	Grindingwheel	Gerber-Cutter G 91
3408/4	25 mm Ø	Grindingwheel	Gerber-Cutter G 93
3408/5	45 mm Ø	Grindingwheel	Investronica-Cutter
3408/6	50 mm Ø	Grindingwheel	Investronica-Cutter
3408/7			Lectra-Cutter System 95/96
3409/1	60x12x10 mm	Stone	Kuris/Bullmer 775
3409/2		Band knife stone	Kuris RBS 70
3409/3		Band knife stone	Kuris 24132



Pinking machines from



9802/1-2



9685/9686/9674

9802/1 Pinking machine, cutting width 30 cm, bench type for hand-operation, with 1 knife (indents 4 or 5 mm, cannot be reground), mounted, with 2 cutting pads.

9802/2 Pinking machine, as No. 9802/1, but cutting width 50 cm.

Recommended accessories for replacement:

9803/1 Spare knife with 4 mm indents, special tempering, cannot be reground, for pinking machine 9802/1

9803/3 Spare knife with 4 mm indents, special tempering, cannot be reground, for pinking machine 9802/1.

9803/4 Spare knife, as 9803/3, but 5 mm indents.

9919 Cutting pads, 500 x 500 x 5 mm, Type Durotex for pinking machine 9802/2

We are still supplying the following cutting pads for the pinking machines No. 9780, which are no longer available:



9779/2 Cutting pads, as 9779/1, but size 31 x 31 cm.

9779/3 Cutting pads, as 9779/1, but size 40 x 40 cm.

9779/4 Cutting pads, as 9779/3, but size 50 x 50 cm.

Knives for Notcher, single

9685/1 Knife 1/4"

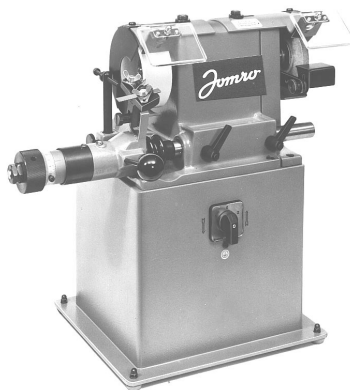
9685/2 Knife 3/16 "

9685/3 Knife 1/8"

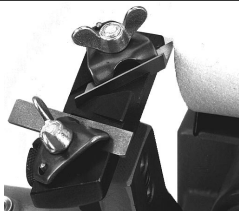
9685/4 Knife 3/8"

9685/5 Knife 1/2 "

We are helping you when making fine grindings.



6717



6952

6717/1 MAIER Universal Knife Grinding Machine Model 68/1

Table mounted model with two grinding stations and reversing switch for forward and reverse motion, precision swing arm with vernier and robust grinding shaft bearings. The left-hand grinding station (cup grinding wheel) is used for grinding knives with the appropriate grinding equipment, whilst the right-hand grinding station is available for free-hand grinding and polishing, wheels see page 43.

Technical Data:

Grinding spindle speed approx. 4,500 r.p.m.

Left-hand grinding station: Cup grinding wheel no. 51/1

Right-hand grinding station: Flat grinding wheel no. 52/1

Standard motor: 3-phase 220/380 V, 50 c/s, 0.25 kW

Dimension: 450 x 260 x 440 mm

6717/2 MAIER Universal Knife Grinding Machine Model 68/1like Article-No. 6717/1 but motor: Alternating current 220 V, 50 c/s, 0.25 kW

6952 Knife Holder, rigid, for sewing machine knives

(Please advise number of knife, or send sample).

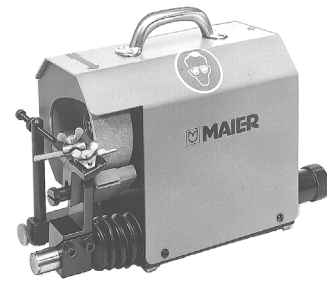




6718 Portable knife-grinding-machine for knife-grinding of all types of sewing-machines. The grinding wheel is mounted on a flange. Therefore an easy replacement is possible.

Technical data:

Engine: alternating current 220 V 50 cycles, 180 watt
Speed: 2,850 U/min
Pot-grinding-wheel: corundum 100 mm Ø No. 51/2
Net weight: abt. 12 kg
Diamond-grinding-wheel: 100 mm Ø No. 53/2
Grinding-wheel-flange: No. 61/1



6718

6732 MAIER Knife and Scissor Grinding Machine Modell 81-100

Compact, portable grinding machine for grinding knives and scissors. The flanged grinding wheels are directly mounted on the motor shaft.

More details please see catalogue page 21.

Technical data:

Grinding spindle speed approx. 2,850 r.p.m.
Left-hand grinding station: Cup grinding wheel no. 51/2
Right-hand grinding station: Cup grinding wheel no. 51/6
Standard motor: Alternating current 220 V, 50 c/s, 0.19 kW
Dimension: 600 x 300 x 270 mm



6732

6960 Scissor grinding device for Model 68/1, Article-No. 6717

for all types and sizes of scissors. The scissors are tightly fixed and need not to be disassembled. The easily movable grinding arm guarantees secure guiding. Thus no displacement during grinding. The cutting angle on the clamping device is adjustable from 0 - 60°.

The device can also be subsequently mounted. Two bores must be provided for fixing the grinding arm. The grinding wheel guard will be fixed instead of the standard one supplied. Grinding is performed by means of a cup grinding wheel, 51/7.



6960

6734 MAIER-Scissor Grinding Machine Modell 110

More details please see catalogue page 21.

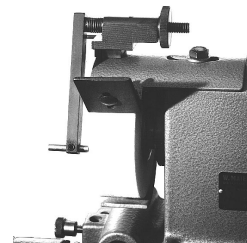
Technical Data:

Motor: Alternating current 220 V, 50 cycles, 170 Watt
Grinding spindle speed: 2,850 r.p.m.
Gross weight (carton) approx.: 8,5 kg
Net weight approx.: 7,2 kg
Dimensions approx.: 280 x 290 x 240 mm
Grinding wheel no. 52/10
Dressing wheel no. 69/2



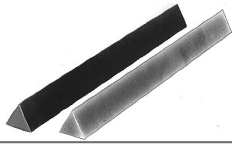
6734

7043 Diamond Wheel Dressing Device, for pot type grinding wheels.



7043

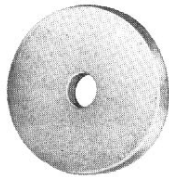
Accessories for grinding machines



6944/6945



6947



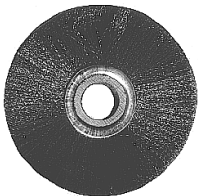
6946/1



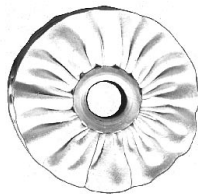
6949/1+6



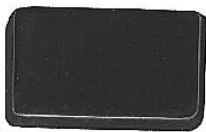
6948/1-4



7040/1-2



7041



6961



7044



7042



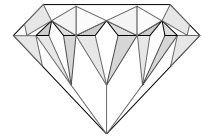
3525

6944 Turning-off stone, triangular, silicium carbide, fine, abt. 150 mm long.

6945 Oil stone, hard Arkansas, triangular, abt. 150 mm long.

6946/1 Felt wheel, 100 mm Ø for type 6717.

6947 Diamond Cup wheel, with bore.



6948 Pot type grinding wheel, 100 mm Ø, grain 70, for type 6717.

G Grinding wheels in various types see table No. 27

Article-No.	diameter	Grain	suitable for
6948/1	100 mm	70	Model 6717
6948/2	100 mm	100	Model 6730/6732
6948/3	100 mm	100	Model 6717
6948/4	100 mm	SICA	Model 6717/6730
6949/1	100 mm	60	Model 6717
6949/6	100 mm	150	for all models
7040/1	100 mm	circular steel brush	for all models
7040/2	100 mm	circular brass brush	for all models
7041	100 mm	polishing wheel	for all models

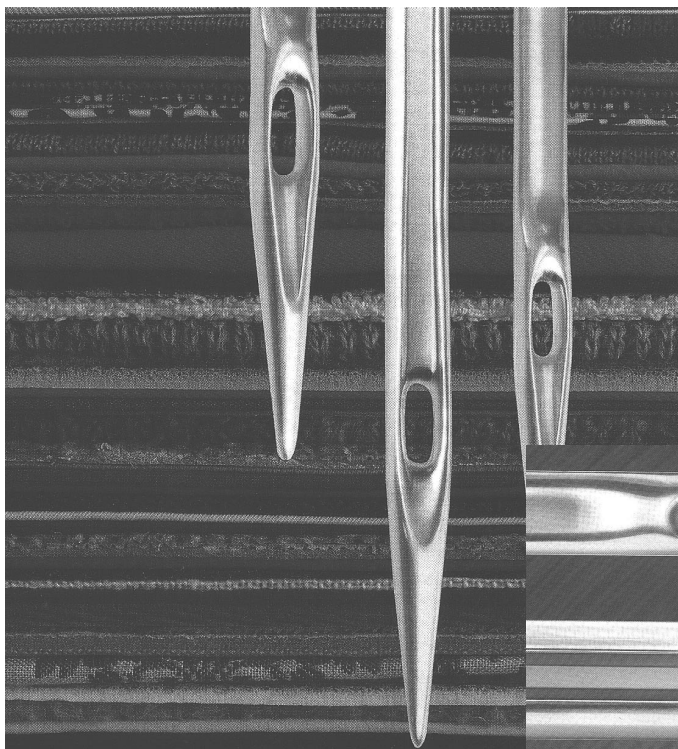
Table 27

6961 Polishing cream, in pieces.

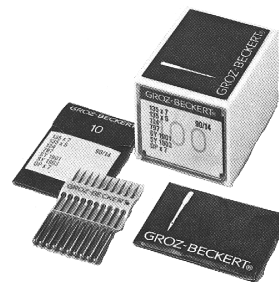
7044 Wheel dressing diamond, for types 6717, 6730, 6731, 6732.

7042 Turning-off stone.

3525 Special Spray for clean and efficient grinding wheels on cutting machines. Simple application by spraying or brushing-off, or by blowing-off, contents of the tin 400 g.



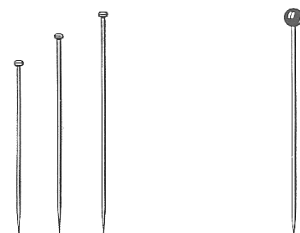
GROZ-BECKERT®
PRÄZISIONSNADELN



We are supplying all
current types of sewing ma-
chine needles.



Useful sewing accessories from



6000-6003

6008

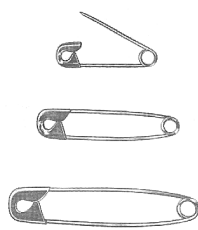
6000/1 Steel pins, nickel-plated, 0.6 mm thick, in packages of each 500 g, 26 mm long.

6000/2 Steel pins as 6000/1, but 30 mm long.

6000/3 Steel pins as 6000/1, but 34 mm long.



6980



6014/1-3

6001/1 Steel pins, nickel-plated, 0.7 mm thick, in packages of each 500 g., 25 mm long.

6001/2 Steel pins as 6001/1, but 30 mm long.

6001/3 Steel pins as 6001/1, but 34 mm long.

6003/1 Brass pins, white, stainless, in packages of each 500 g, 0.7 mm thick, 25 mm long.

6003/2 Brass pins as 6003/1, but 30 mm long.

6008/1 Steel pins with plastic head, assorted in different colours, in packages of each 100 pcs., 30 mm long, 0.65 mm thick.

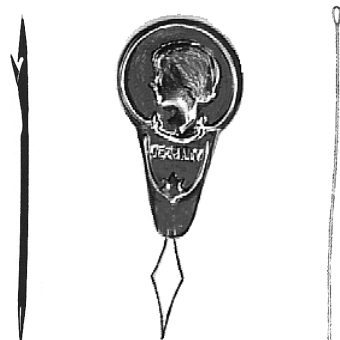
6008/2 Steel pins as 6008/1, but 48 mm long, 0.9 mm thick.

6980 Pin-cushion, with plastic bracelet.

6014/1 Safety needles, hardened, nickel-plated and stain prevented with spiral and DUPLEX cap, in packages of each 1,000 pcs., abt. 24 mm long.

6014/2 Safety needles as 6014/1, but abt. 38 mm long.

6014/3 Safety needles as 6014/1, but abt. 50 mm long.



2390

9055

9058

2390 Threading-up needle, 74 mm long.

9055 Threader for sewing machines.

9058 Threader for overlock machines, of brass wire, 125 mm long, 0.6 mm thick, with eye.



9195

9195 Arrow ripper, with ball, with cap, for undoing of seams, and for opening of buttonholes.



6154

6154 Hand buttoner for quick buttoning of shirts, blouses and trousers. For removing clamps, turning edges, without risk, (no screw-driver). For pressing seams on leather clothes, for cleaning seams, cutting threads. This device cuts the threads directly at the end without damaging the material.



9519/9665

9519 Paper clip, for circulars, slips or other paperwork, to be attached to carriages, cases, bundles etc., can be easily attached. Jaws covered with black plastic, 20 mm wide, length without hook 55 mm.

9665 Paper clip, as 9519, but abt. 80 mm long.

6939/1 Skirt marking device, movable, atomizer easily to adjust, basic device, without needle cushion bracket.

6939/2 Needle cushion bracket for 6939/1

6939/3 Atomiser only, as spare part for 6939/1

6939/4 Ball and hose only, as spare parts for 6939/1

Chalk powder for chalk marker and skirt marking device, cannot be fixed, in bags of abt. 1,000 g, see table No. 28.

Colour	white	red	yellow	blue	black
Article-No.	6999/1	6999/2	6999/3	6999/4	6999/5

Table 28



6939

Keeping control  is helping you!

6885 Depositing arm for textiles, for depositing boxes etc. (holding angle 25 mm Ø, abt. 40/50 cm long).

6879 Depositing arm with additional rolling-off frame for up to 4 bands, The rolling-off frame is abt. 40 cm long with 5 pasteboard discs with a diameter of abt. 20 cm and 2 holding screws.

6878 Flexible bobbin rack with 35 locking pins on a pressboard plate, complete with holding-bar which can be fixed on the yarn-stand of the sewing machine. The pins of the bobbin rack can be displaced and adjusted for each size of bobbin.

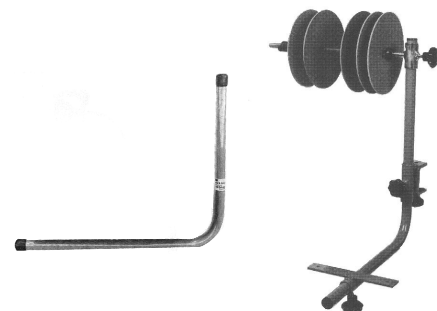
6885/8 Flexible bobbin rack, as 6878, but without holder, for fixing on our approved depositing arm 6885.

6930/2 Bobbin racks, for quick change of yarns, clear and handy arrangement of the bobbins, for 20 bobbins, to be fixed on the draw-off bar of the machine.

6930/3 Bobbin racks, as 6930/2, but for 40 bobbins, with fixing clamp and draw-off bar.

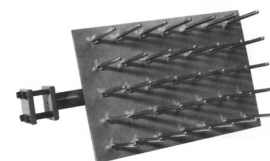
Important Hints:

When ordering bobbin racks Nos. 6930/2 - 4, it is important to advise type and class of the sewing machine.

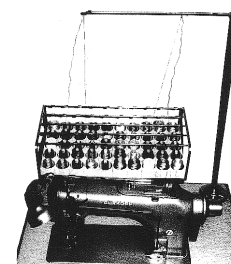


6885

6879



6878



6930/2-4



6933

6933 Bobbin box for 24 bobbins, clear and handy arrangement, with fixing screw. To be fixed under the table, can be turned out.



Guide rulers and binders



9690

9690 Magnetic edge ruler, intense magnet, to be easily attached to all sewing machines, adjustable.



9688

9692

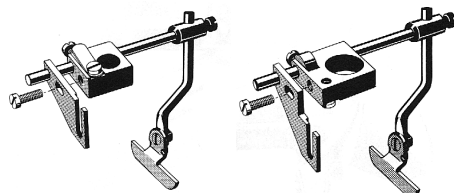
9688 Foam rubber roll, suitable to angle tube 6885/1 and supporting arm 6885/5.

9692 Hinged guide ruler, adjustable. Wadding guide, new type. The bipartite selvedge guide is flexible and thus always rests with its full surface = improved selvedge guiding and no problems with sewing over gross seams.

The wadding guide in standard design is suitable for two methods of fastening:

- a) Fastening to the presser foot (presser foot screw) with special clamp.
- b) Fastening to the presser foot bar or guide bush using the bore provided in the wadding guide (special clamp removed).

Guide rulers can be supplied as follows:



6745

6748/6744

6744 Bore 14.0 mm Ø suitable for Pfaff 463, 463, 487 etc.

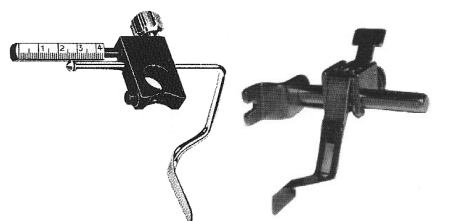
6745 Bore 8,8 mm Ø suitable for Singer 96, Adler, Pfaff, Dürkopp 211, Juki etc.

6748 Bore 13,1 mm Ø suitable for Dürkopp 212 etc.

6748/1 Rule only, additionally, suitable for all type.



The ruler can be fixed right or left on all types.



6749

6771

6749/1 Edge ruler, type with quick adjustment, for all industrial sewing machines. In one simple operation the ruler is adjusted at will up to 45 mm, righthand, type as illustration.

6749/2 Edge ruler, as 6749/1, but lefthand type.



In case of ordering edge rulers 6749/1 and 6749/2 please advise brand and class of machine.

6771 Edge ruler with spring, for exact guiding of the material.

New binders, adjustable, raised guidance on throat plate for trouble-ness insert, unsoldered smooth tops, by retrograde guidances an excellent edge can be obtained. For example suitable for one-needle lockstitch machine Singer 31, 44, 95, 96, 195K, 196K, 241, 245, 251, 281, 331K, 366K, 400W, 451K, 491, 600W, Mitsubishi DB-Klasse, Juki DDL-Klasse, Brother DB-1, DB-2, Union Special 63400, Toyota D-134, D-146 etc. See table No. 29.

Article-No.	band size (mm)	finished size (mm)	Article-No.	band size (mm)	finished size (mm)
6820/1	18	4	6820/8	32	8,5
6820/2	20	4,5	6820/9	34	9
6820/3	22	5	6820/10	36	10
6820/4	24	6	6820/11	40	11
6820/5	26	6,5	6820/12	42	12
6820/6	28	7	6820/13	45	13
6820/7	30	8	6820/14	50	15



6820/1-14



4-fold

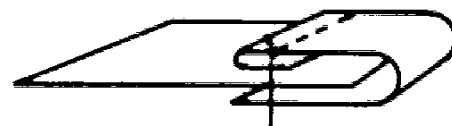
Table 29

New binder, adjustable. By retrograde guidances an excellent edge can be obtained, unsoldered smooth top, available 3- or 4-fold adjustable suitable for Union Special 52800, 57700, Yamato DV-203, 1203, DW-303, 1303, Pegasus W-61, Rimoldi 261, Kansai Special DVK-1701F, DKW-1802K etc. See table No. 30.

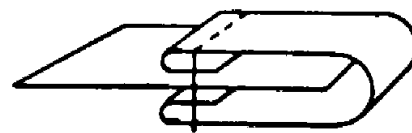
Article-No.	x-fold	band size (mm)	finished size (mm)	Article-No.	x-fold	band size (mm)	finished size (mm)
6821/1	3	18	6	6821/16	4	24	6
6821/2	3	24	8	6821/17	4	30	8
6821/3	3	28	10	6821/18	4	36	10
6821/4	3	32	12	6821/19	4	42	12
6821/5	3	34	12,7	6821/20	4	44	13
6821/6	3	34	13	6821/21	4	48	15
6821/7	3	40	15	6821/22	4	50	16
6821/8	3	42	16	6821/23	4	52	17
6821/9	3	44	17	6821/24	4	54	18
6821/10	3	46	18	6821/25	4	58	20
6821/11	3	50	20	6821/26	4	64	23
6821/12	3	56	23	6821/27	4	68	25
6821/13	3	60	25				



6821/1-27



3-fold



4-fold

Table 30

In case of order please always indicate brand of machine, class / lower class. Furthermore please send sample and band material.



6821/1-27



9682/1

Additional table for the sewing place, length 800 mm, width 500 mm, height 760 mm adjustable. At your choice with one or two table plates plastic-coated, with stationary tubular steel underframe.

1. Plate, adjustable in height from 760 mm to 1,300 mm.
2. Plate, adjustable in height from 450 mm to 700 mm.

9682/1 Additional table with one table plate.

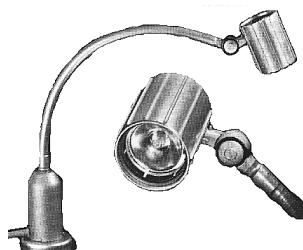
9682/2 Additional table with two table plates.



9667

9667 Standing help, heavy, hard-wearing stand, steady and tilting safe, adjustable seat of abt. 65-90 cm, can be clapped and set up easily by selffixing with pinching protection on the stand. Seat and back of PU-foam, with body suitable surface.

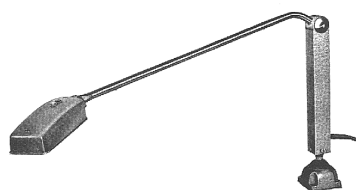
Putting in the true light with



6974

6974 Halogen spot lamp, very intensive lighting, 220 Volt, with transformer, fitted with low tension halogen bulb 6979/12 Volt / 20 Watt, medium service time 2,000 hours, with reflector 80 x 60 mm Ø, metal house 40 mm, long x 16 mm Ø, foot with magnetic suspension.

6979 Bulb (spare part) 12 Volt / 20 Watt, for Halogen spot lamps 6974.



6986/7000

6986 Sewing machine and multi-purpose lamp, fitted with 2 fluorescent bulbs, 4 Watt each, 220 Volt, very flexible at highest efficacy, foot 60 x 60 mm, tube 30 x 30 x 235 mm, arm 400 mm and 12 mm Ø, reflector 170 x 50 x 40 mm, total range of 800 mm.

6987 Fluorescent bulbs 220 Volt / 4 Watt, for 6986.



7200

7000 Ultra-violet lamp, to make visible fluorescent pencil marked signs, with 2 ultra-violet bulbs, 4 Watt each, 220 Volt, very solid, very flexible at highest efficacy, foot 60 x 60 mm, tube 30 x 30 x 235 mm, arm 400 mm and 12 mm Ø, reflector 170 x 50 x 40 mm, total range 800 mm.

7000/3 UV Bulb 4 Watt, for lamps 7000.

7200 Lamp with stand, with 1.5 m cable without plug, with folding foot, installed safety transformer 12 Volt / 25 VA, for voltage up to 250 V, with halogen-reflector-lamp 12 Volt / 20 Watt.

7201 Halogen-reflector-lamp 12 Volt/20 Watt for lamp 7200.

7199 Sewing machine lamp with yarn support socket, transformer 220 Volt / 12 V/20 W, glass-fibre-light-cable, flexible, length 800 mm, 4 mm Ø and optic.

7199/1 Glass-fibre-light-cable socket, free adjustable, 3 pieces, with screws and nut M4 for the attach at the sewing machine head.

7199/2 Glass-fibre-light-cable socket with round clamp 12 mm Ø, and screw M4.

Bulbs for sewing machines, globular shaped, see table No. 31.

Screw socket			Bayonet cap		
Article-No.	Volt	Watt	Article-No.	Volt	Watt
6975/2	12	15	6975/31	12	15
6975/3	12	20	6975/32	12	25
			6975/34	24	5

Table 31

7002 Fluorescent tailor chalk, pencils, green, in boxes of each 25 pcs.

7029 UV-marking pens GLO-MARK, most suitable for marking button holes and similars.

7030 Textile marking pen, Uv-fluorescent colour, large point. After marking quick evaporation of the solvent, thus no after-treatment necessary. After use please close the pen.

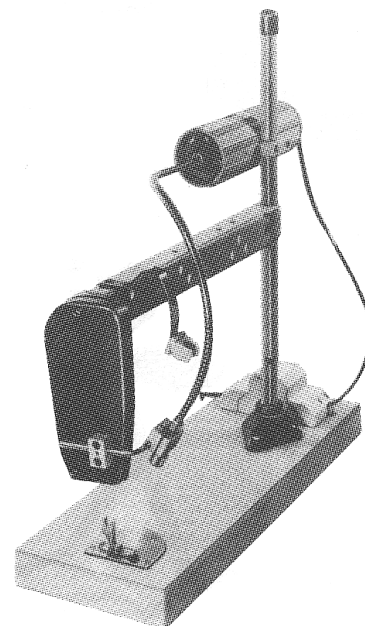
Please pay attention as well to page 31, section "cutting".



Original Mitchell's Emery Cord, American top quality, in rolls of 25 Yards (abt. 23 m), see table No. 32.

Article-No.	Original-No.	Grain	Thickness (mm)
9461/1	48	150	2,4
9461/2	49	120	2,0
9461/3	50	180	1,8
9461/4	52	150	1,4
9461/5	53	180	1,0
9461/6	54	200	0,8
9461/7	54-H	200	0,6
9461/8	55	200	0,5
9461/9	60	200	0,4
9461/10	66	280	0,3

Table 32



7199

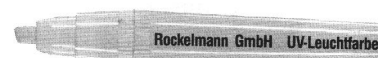
Marking pens for
UV-lamps



7002



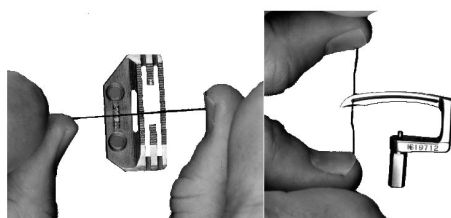
7029



7030



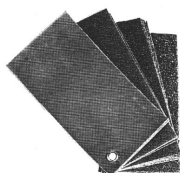
9461/9463



9461/9463



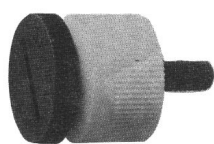
9481/4-8



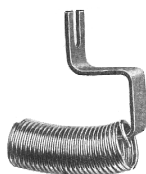
9483/4-10



9694



6774



6776



7203



7202

Original Mitchell's Emery Tape, American top quality, in rolls of 25 Yards (abt. 23 m), see table No. 33.

Article-No.	Original-No.	Grain	width (mm)
9463/1	01	180	1,6
9463/2	56	180	2,4
9463/3	57	180	3,2
9463/4	58	150	5,6

Table 33

9481/4 Emery cloth in rolls of each 50 m length, 50 mm wide, easily to tear into small stripes, grain 150.

9481/6 Emery cloth as 9481/4, but grain 220.

9481/8 Emery cloth as 9481/4, but grain 320.

9483/4 Emery cloth in sheets of each 23 x 28 cm, easily to tear into small stripes, grain 150.

9483/6 Emery cloth as 9483/4, but grain 220.

9483/8 Emery cloth as 9483/4 but grain 320.

9483/10 Emery cloth as 9483/4, but for polishing.

9694 Silicon Oiler, with strong magnet, to be attached to sewing machine head. Housing hinged, applicable for one or two threads, silicon tank piled up. Silicon emulsion 9091, or Silicon oil 9093 drops automatically, so that the felt inserts are always drenched. Refilling is necessary in longer intervals.

9091 Silicon Emulsion, ready for use, for silicon oiler 9694, particularly for cutting-machines. Only with limited durability (in closed barrels abt. 6 months).

9093 Silicon Oil Type 350, particularly for silicon oiler 9364, suitable for the sewing trade.

6774 Thread Cutter, combined as semi-automatic clamp for the cut thread.

6776 Thread Cutter, masked blade (no hurts).

7203 Teflonspray with excellent parting compound, sliding means and lubricant effect for any underground. Dirt repellent and antiadhesive.

7202 Self-adhesive Teflon-band for coating the presser feet, self-adhesive at one side, 260° C heat-proof, abt. 0.08 mm thick, abt. 30 mm, wide, on rolls of abt. 33 m.

9385 Round belts, best leather, 7 mm Ø

9390 Round belts, best leather, 8 mm Ø

9395 Round belts, best leather, 10 mm Ø

9330/1 Parallel belt punch plier, to cut and pierce through leather V-belts and circular belts 8-9.5 mm Ø, in two separate procedures. Ribbed jaws to hold the hook during belt connection is effected. Stainless, blank nickelplated handles and heat-treated, chemically blackened jaws. Length with closed handles 160 mm, weight incl. bag 280 g.

Available accessories:

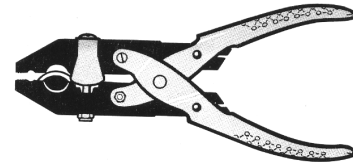
9330/2 Screw for belt guiding.

9330/3 Knife and screw.

9330/4 Hole pipe and nut.



9385-9395



9330/1

6921 Universal belt guard for sewing machine motors, to be attached under the table-top. Complete, with bracket and set screw.

We have got something against split buttons and broken needles on button sewing machines or short-seam latch-machines.

7250 Goggles with adjustable bows and plastic screens.

Article-No.	Original-No.	Grain	width (mm)
-------------	--------------	-------	------------

Teflon soak presser feet with special surface treatment for synthetic textiles, with fixed finger-guard. Following teflon presser feet are suitable for lockstitch machines Singer, Juki, Brother, Toyota (Consew), Mitsubishi. Yakumo and other similar types as well as for new types of Pfaff machines:

Article-No.	Range of application and description
17/210	Teflon presser foot for light to medium weight materials
17/214	Teflon compensating foot, right, 1 mm wide
17/215	Teflon compensating foot, right, 1.5 mm wide
17/216	Teflon compensating foot, right, 2 mm wide
17/218	Teflon compensating foot, right, 3 mm wide

Table 34

For needle feed machines Brother, Juki, Singer, Toyota (Consew), Mitsubishi, Yakumo and other similar types as well as for new types of Pfaff machines we can recommend the following teflon presser feet:

Article-No.	Range of application and description
17/227	Teflon compensating foot, right, 1 mm wide
17/229	Teflon compensating foot, right, 3 mm wide

Table 35

6921



7250



7251



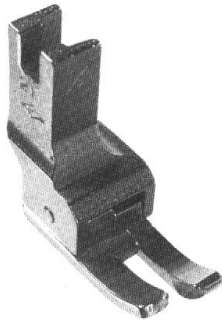
17/210



17/216

Hinged Compensating Feet, for uniform pressure at thicker passages, thus troublefree feed of sewing material, no fabric sliding away when making narrow seams. Compensating feet are enabling higher speed, and are reducing tear of feed guides. Upon request, and against surcharge, compensating feet are available teflon lined, or with complete Teflon shoe.

The following standard types are available and suitable for: Dürkopp 206, 207, 211, 216 etc., Pfaff 463, 467 etc., Singer 31, 95, 96, 103, 241, 400 W, 451 K etc. as well as for machines with same kind of fastening. see table No. 36.



17/110-123

Article-No.	stitching width mm (Zoll)	right side spring	left side spring	both sides spring
17/110	0,8 (1/32)	X		
17/111	1,6 (1/16)	X		
17/112	2,4 (3/32)	X		
17/114	4,0 (5/32)	X		
17/115	4,8 (3/16)	X		
17/117	0,8 (1/32)		X	
17/118	1,6 (1/16)		X	
17/120	4,8 (3/16)		X	
17/123	1,6 (1/16)			X
suitable for: Dürkopp 212				
17/130	0,8 (1/32)	X		
17/131	1,6 (1/16)	X		
17/136	1,6 (1/16)		X	
17/138	0,8 (1/32)			X

Table 36



Other types as special construction upon request. Please indicate the brand and class of the machine, the stitching width requested and the kind of spring.



17/102



17/103

17/102 Edge Foot No. 12435 HN, narrow, righthand, spring loaded.

17/103 Edge Foot No. 31358 HN, narrow, righthand, spring loaded.



17/104

17/104 Zipper/Kelim foot No. 40322 SH.

Spare parts for Sewing Machines:

for brand:	Pages
Adler	56-57
Brother	57-59
Colli	59
Dürkopp	60-61
Eagle	61
Juki	61-63
Kansai	64
Mauser	64-65
Merrow	65
Necchi	65-66
Pegasus	66-68
Pfaff	68-70
Reece	71-72
Renown	72
Rimoldi	72-75
Singer	75-77
Siruba	77
Strobel	77
Union	78-81
W&G	82
Yamato	82-85
Others	85-86

CT = knives tipped with tungsten carbide steel
no original parts

Hooks		
Article-No.	Original-No.	Class
Brother		
28.712	116780	B-757
28.713	118961	B-781
28.162	143986	LH 4-B-814
Dürkopp		
27.101	211261	211,212,213,214,215, 216 neu(No.21609761),218
27.099	216161	216 old, (No. 21609760)
Juki		
27.817	127-OAO	DDL-553,DDL-555
Singer		
28.721	143342	241,600W
28.722	270946	251, 400 W
28.723	272139	451K
28.165	502534	457G 135

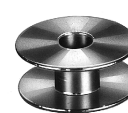
Our parts are made out of best material by experienced specialized workers. Most modern methods of manufacturing and testing as well as our experience made during decades of years guarantee for faultless, steady quality and execution.

The parts indicated in these lists are not made by the original sewing machine manufactures, however they are corresponding in each respect exactly to the genuine ones.

Bobbin Cases		
Article-No.	Original-No.	Class
Dürkopp		
27.109	211275	211, 212,213,215,215,216,218
27.102	265965	265
Juki		
28.326	B1837-012-OAO	DDW, DLD, DLM, DLU, DDL
Pfaff		
27.241	9076	130,138,230,238,330,335,433,434,461,463,465,467,469



Bobbins		
Article-No.	Original-No.	Class
Dürkopp		
27.100	204230	204,205,206,211,212,213,214,215,216,218,265-101,265-301
27.103	204230 Aluminium	211,212
27.107	249372 gew.	221,222,237,238,239,241,242
Juki		
28.729	9117-012	DDL 555
Pfaff		
27.242	9033 (9033A)	133,134,138,230,234,238,330,335,343,390,433,434,461,463,465,467,469
28.730	91-168144	483
Singer		
28.477	2073	68,269
27.478	55623	95,96,103,195,196,241,251,451K,600W
27.455	270010	196K,400W



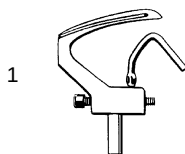
CT = knives tipped with tungsten carbide steel
no original parts



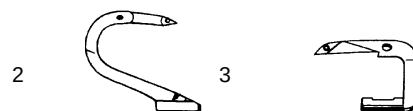
ADLER

No.	Original-No.	Article-No.
1	07715 050= 268 382 Singer	27.858
2	81148	27.052
3	81152	27.053
4	81 082	27.042
5	81 066	27.043
6	83 082	27.044
7	81 582 (CT)	27.073
8	83 066	27.045
9	81 223	27.046
10	81 221	27.047
11	68 460	27.070
12	68 462	27.071
13	68 669-2,7 =068 33 132 HSS	27.073 27.094
14	68 668-3,1 =8061A-3,1 Singer	27.857
15	067 33 0570= 367 33 1330 HSS	27.090
16	CT 067 33 0570	27.063
17	067 33 0580= 367 33 1310 HSS	27.091
18	CT 067 33 0580	27.064
19	067 33 0700 (CT) = 367 33 1320 HSS	27.092 27.065
20	367 331 300 HSS	27.093
21	67 460 HSS	27.061
22	67 462 HSS	27.062
23	067 351 220	27.067
24	167 350 010	27.077
25	067 35 123 0	27.068
26	067 9360	27.069
27	367 330 780 HSS	27.095
28	167 461	27.074
29	167 462	27.075
30	167 33 002 (CT)	27.076
31	367 21 0240 HSS	27.863
32	367 21 0240	27.871
33	477 20 0140	27.875

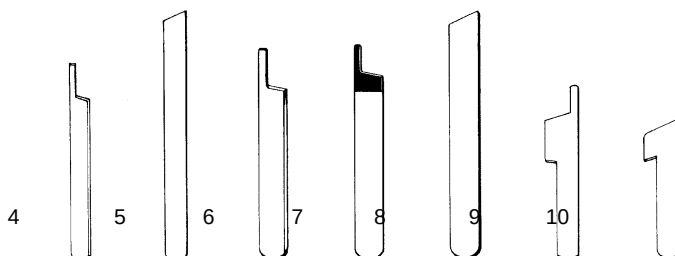
Class 77



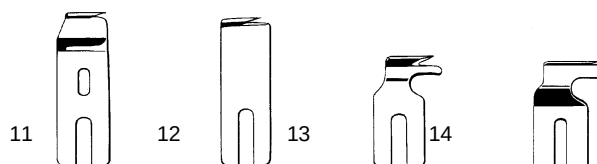
Class 81



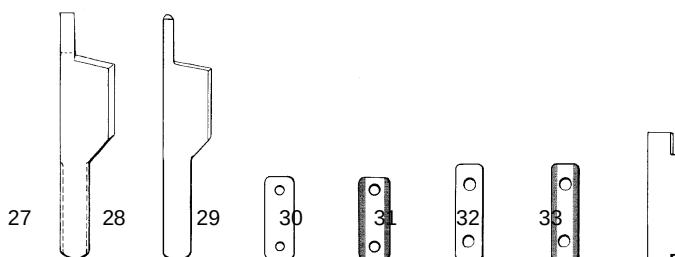
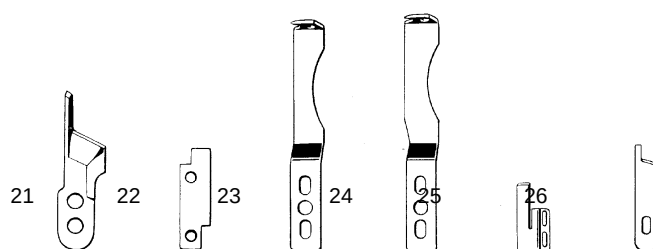
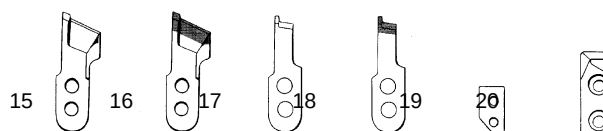
Class 81



Class 68, 268, 368

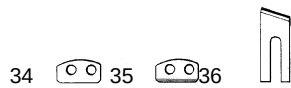


Class 67,167,267,367,467



CT = knives tipped with tungsten carbide steel
no original parts

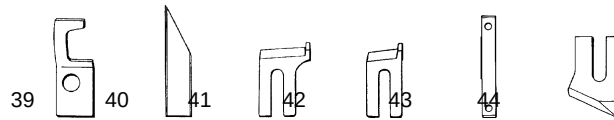
Class 296



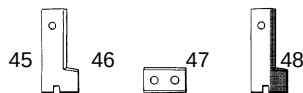
Class 568



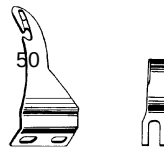
Class 396, 550



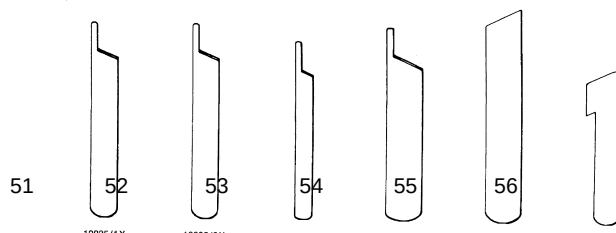
Class 971



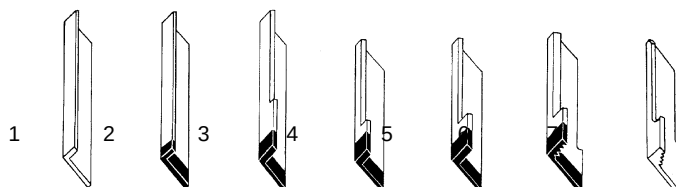
Class 1296



Class Everest



Cl. B511, B531, B551, B561, B571, B581, B 953, B 955, B 956, B957, B958, B 959
B 972
Super 600 = B 611, B621, B631, B 641, B651, B661, B 671, B 681, B 691,
B 672, B 682, B 692



No.	Original-No.	Article-No.
34	296 20 002 0	27.078
35	CT 296 200 020	28.360
36	296 330 430 (CT)	27.079
37	568 33 0770 0 =119 202 HSS	28.731
38	568 33 076 0 =119 444 HSS	28.732
39	396 35 075 0	27.089
40	396 20 009 0	27.080
41	396 33 069 0	27.081
42	396 33 070 0	27.082
43	170 20 019 0	28.733
44	396 33 160 0	28.734
45	971 44 014 0	27.083
46	971 44 018 0	27.084
47	CT 971 44 014 0	28.361
48	CT 971 44 018 0	28.362
49	91-175 540-05 129 350 010 129 350 020	27.951 28.735 28.736
50	129 171 853	28.364
51	10 035/1X	27.086
52	10 035/2X	27.048
53	10 037/2X	27.087
54	10 039/2X	27.050
55	10 040/1X	27.088
56	10 040/2X =381 330 420	27.051 27.060



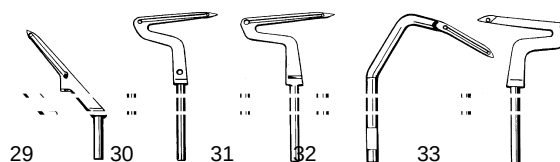
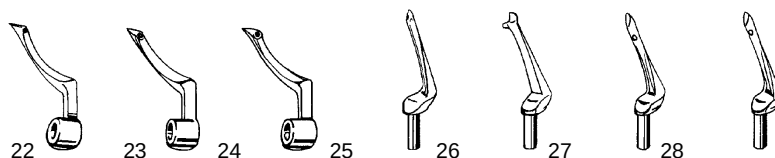
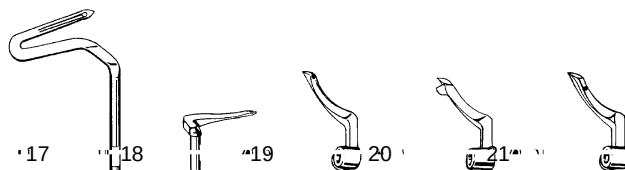
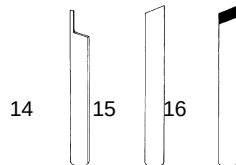
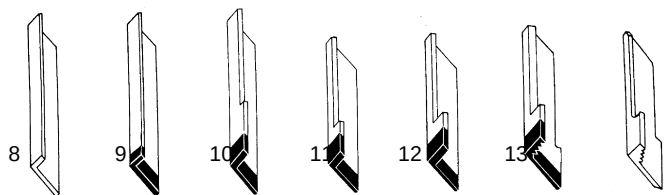
No.	Original-No.	Article-No.
1	140 567-001	27.009
2	CT 140 567-001	27.864
3	140 568-001 (CT)	27.010
4	142 198-001 (CT)	27.002
5	140 242-001 (CT)	27.011
6	148 815-001 (CT)	27.865
7	148 342-001	27367

CT = knives tipped with tungsten carbide steel
no original parts

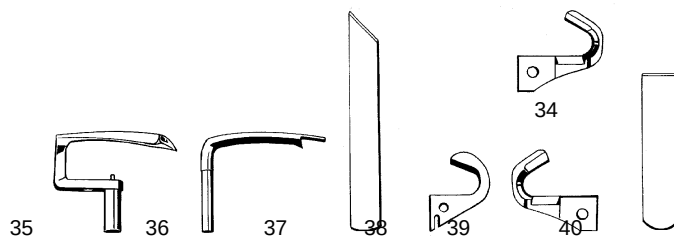


No.	Original-No.	Article-No.
8	148 198-001	28.737
9	144 074-001 (CT)	27.003
10	118 527-001	27.001
11	CT 118 527-001	27.866
12	144 077-001	27.004
13	CT 144 077-001	27.867
14	112 376-001	27.005
15	112 436-001 155 193-001	27.006
16	CT 112 436-001	28.368
17	110 736-001	27.036
18	110 737-001	27.037
19	147 934-001 146 042-001 146 612-001	27.869
20	147 935-001 146 613-001	28.738
21	147 936-001 146 792-001	28.369
22	147 937-001 146 962-001	27.870
23	144 042-001	28.739
24	159 686-001	28.740
25	155 240-001	28.741
26	155 241-001	28.742
27	155 242-001 (S)	28.743
28	155 243-001 (H)	28.744
29	143 733-001	27.038
30	143 734-001	27.039
31	S 012 48-001 144 049-001	27.040
32	146 635-001	27.041
33	159 434-001 (F) S 01 249-001	28.745
33	110 737-001	27.037
34	S 09 094-001 (CT)	28.746
35	S 08 913-001	28.747
36	S 08 934-001	28.748
37	S 09 075-001	28.749
38	S 09 080-001 (CT)	28.750
39	S 09 093-001	28.751
40	S 09 101-001	28.752
41	S 12 842-001	28.753
42	S 12 865-001	28.754

Cl. B511, B531, B551, B561, B571, B581, B 953, B 955, B 956, B957, B958, B 959
B 972
Super 600 = B 611, B621, B631, B 641, B651, B661, B 671, B 681, B 691,
B 672, B 682, B 692



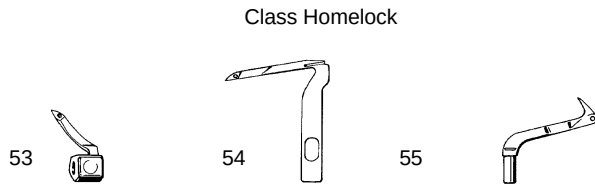
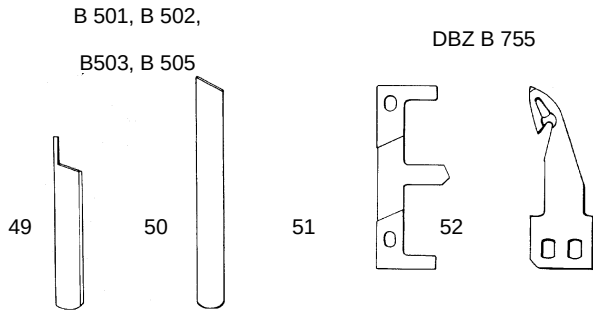
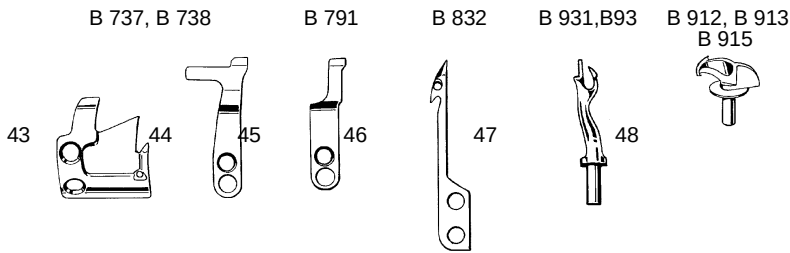
Class B 271, B 272



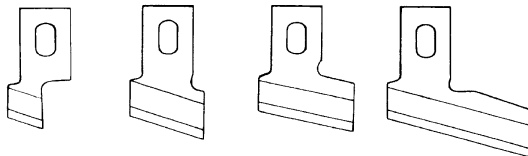
Class B 281



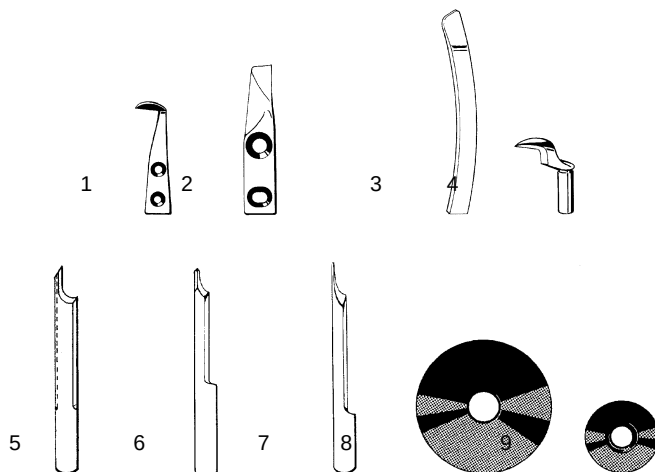
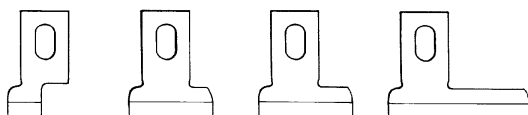
CT = knives tipped with tungsten carbide steel
no original parts



=Singer
Class 71



=Singer
Class 71-90



No.	Original-No.	Article-No.
43	S 02 645-001	28.755
44	S 02 637-001	28.756
45	159 540-001	28.757
46	159 365-001	28.758
47	110 121-001	27.034
48	115 069-001	28.759
49	142 930-001 123 438-001	27.007 28.760
50	142 858 123 439-001	27.008
51	142 061-001	27.032
52	142 058-001	27.033
53	127 814-001, Cl. 127	28.761
54	127 815-001, Cl. 127	28.762
55	127 260-001, Cl. 522	28.763

Button hole knives, Class B 812, B 814, B 815
Singer Class 71

Type	No.	Type	No.	Type	No.
1/8"	27.012	5/8"	27.019	1 1/16"	27.026
1/4"	27.013	11/16"	27.02	1 1/8"	27.027
5/16"	27.014	3/4"	27.021	1 3/16"	27.028
3/8"	27.015	13/16"	27.022	1 1/4"	27.029
7/16"	27.016	7/8"	27.023	1 3/8"	27.030
1/2"	27.017	15/16"	27.024	1 1/2"	27.031
9/16"	27.018	1"	27.025		

Singer Class 71-90

Type	No.	Type	No.	Type	No.
1/8"	28.370	9/16"	28.376	15/16"	28.382
1/4"	28.371	5/8"	28.377	1"	28.383
5/16"	28.372	11/16"	28.378		
3/8"	28.373	3/4"	28.379		
7/16"	28.374	13/16"	28.380		
1/2"	28.375	7/8"	28.381		

Colli

No.	Original-No.	Article-No.
1	GP 7-71	28.764
2	GP 7-93	28.696
3	GP 8-71	28.697
4	GP 8-93	28.765
5	GP 1-71	28.766
6	GP 3-4-71	28.698
7	GP 5-71	28.699
8	GP 1-88	28.700
9	GP 4-93	28.701

CT = knives tipped with tungsten carbide steel
no original parts



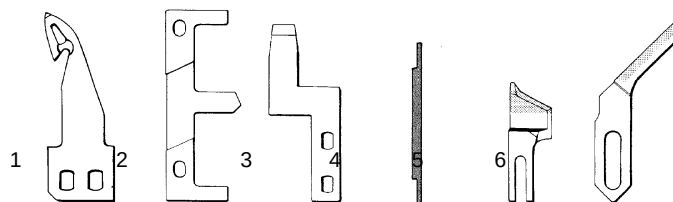
No.	Original-No.	Article-No.
1	219 6708 A	27.132
2	211 9685	27.133
3	211 503 66	27.137
4	219 3963 (CT)	28.767
5	212 4931 (CT)	27.134
6	212 11368	27.135
6	212 5058 (CT)	27.136
7	204 1077	27.096
8	204 1065 Class 237-22 und 23	27.098
9	238 1418 HSS	27.138
10	238 1417 HSS	28.384
11	380 7293	28.768
12	238 6549	28.769
13	244 14157	28.770
14	291 030 02	28.771
15	291 03004 244 14161	28.772
16	271 1497	28.386
17	271 1483	28.365
18	555 815	27.106

Class 551,555,556 = Singer Class 71					
Type	No.	Type	No.	Type	No.
1/8"	28.370	5/8"	28.376	1 1/16 "	28.774
1/4"	28.371	11/16"	28.377	1 1/8"	28.775
5/16"	28.372	3/4"	28.378	1 3/16"	28.776
3/7"	28.373	13/16"	28.380	1 1/4"	28.777
7/16"	28.374	7/8"	28.381	1 3/8"	28.778
1/2"	28.375	15/16"	28.382	1 1/2"	28.779
9/16"	28.773	1"	28.383		

Class 551,555,556 = Singer Class 71-90 DAB			
Type	No.	Type	No.
1/8"	28.781	5/8"	28.788
1/4"	28.782	11/16"	28.789
5/16"	28.783	3/4"	28.790
3/8"	28.784	13/16"	28.791
7/16"	28.785	7/8"	28.792
1/2"	28.786	15/16"	28.793
9/16"	28.787	1"	28.794

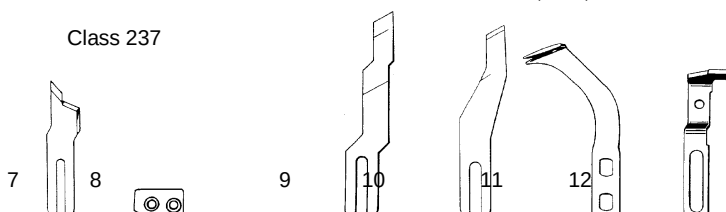
No.	Original-No.	Article-No.
19	557 287 2 (557 605)	27.130
20	557 602a	27.131
21	557 611	27.402
22	557 2876 K	27.403
23	558 9011	28.780

Class 211, 212, 219

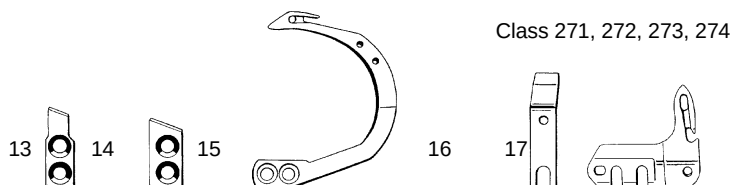


Class 238, 249, 380

Class 237

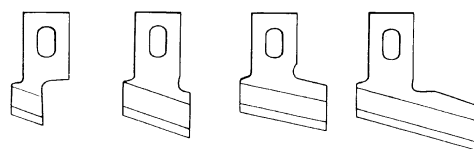


Class 244, 245, 246, 247, 291, 292

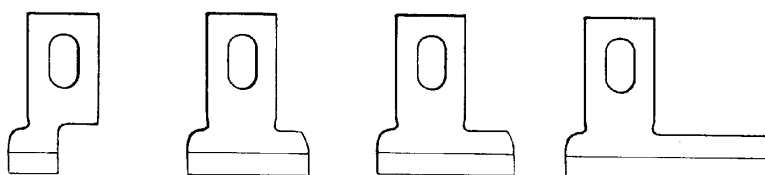


Class 271, 272, 273, 274

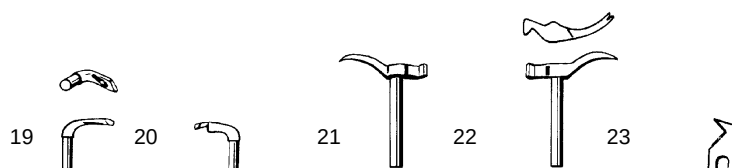
Class 551, 555, 556 = Singer Class 71



= Singer 71-90 DAB

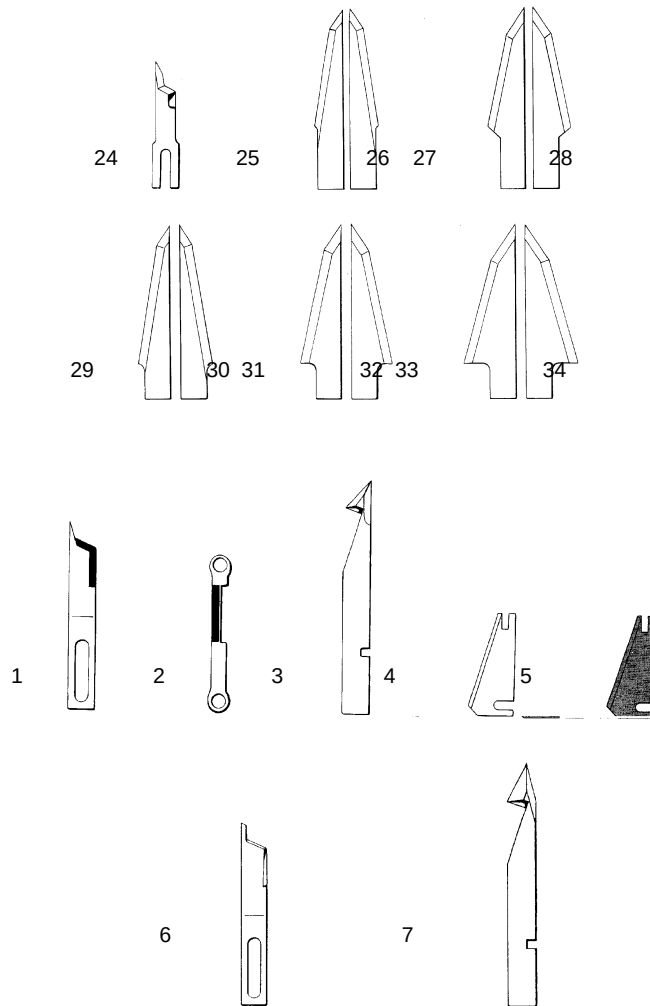


Class 557, 558

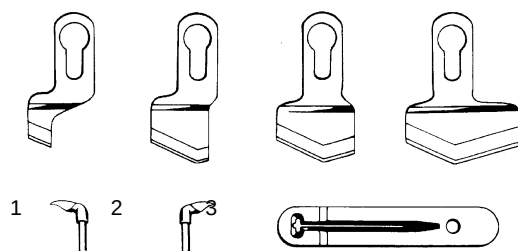


CT = knives tipped with tungsten carbide steel
no original parts

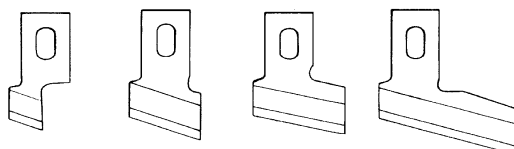
Class 745, 746



MBH 180, MEB 1890 =Reece S 2 (HSS-Steel)



LBH 761-763, 771-773, 781= Singer Class 71 (HSS-Steel)



CT = knives tipped with tungsten carbide steel
no original parts



No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
24	246 2553	28.404	30	746 995	27.139
25	746 060 689	28.405	31	746 996 A	27.142
26	746 060 690	28.406	32	746 996	27.141
27	746 060 691	28.407	33	746 997 A	27.144
28	746 060 692	28.408	34	746 997	27.143
29	746 995 A	27.140			

Eagle

No.	Original-No.	Article-No.
1	21-5602, 520087, 6502114, PL-2-13	28.795
2	21-3002 (CT), 520018, PL-2-30	28.796
3	21-4587, 512035	28.797
4	21-3003, 527013, PL-9-9 HSS	28.798
5	21-3003-01,15487, 6507044 Ceramic	28.799
6	21-4001, 520002	28.800
7	21-3004, 512018	28.896



Cl. MBH 180, MEB 1890 = Reece S2

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
	B 2701-180-F 00 1/4 "	27.840		B 2701-180-Q 00 1 "	27.847
	B 2701-180-K 00 3/8 "	27.841		B 2701-180-R 00 1 1/8"	27.848
	B 2701-180-L 00 1/2 "	27.842		B 2701-180-S 00 1 1/4"	27.849
	B 2701-180-V 00 9/16 "	27.843		B 2701-180-T 00 1 3/8"	27.850
	B 2701-180-M 00 5/8 "	27.846	1	B 2523-180-000	27.872

LBH761-763,771-773,781=Singer Class 71

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
	B 2701-180-F 00 1/4 "	27.840		B 2701-180-Q 00 1 "	27.847
	B 2701-180-K 00 3/8 "	27.841		B 2701-180-R 00 1 1/8"	27.848
	B 2701-180-L 00 1/2 "	27.842		B 2701-180-S 00 1 1/4"	27.849
	B 2701-180-V 00 9/16 "	27.843		B 2701-180-T 00 1 3/8"	27.850
	B 2701-180-P 00 7/8 "	27.846			

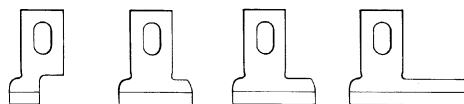


LBH 761-763, 771-773, 781 =Singer 71-90 (HSS)

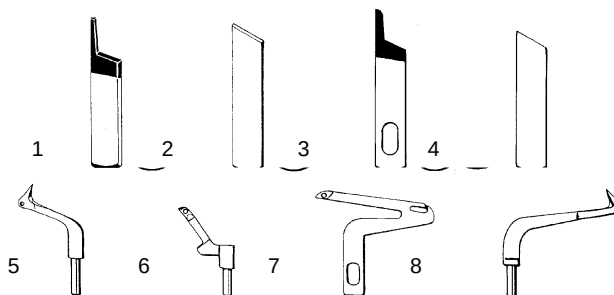
Original-No.	Article-No.	Original-No.	Article-No.
B 2745-771-F00 1/4"	28.409	B 2745-771- M00 5/8"	28.413
B 2745-771- K00 3/8"	28.410	B 2745-771- N00 3/4"	28.414
B 2745-771- L00 1/2"	28.411	B 2745-771- P00 7/8"	28.415
B 2745-771- V00 9/16"	28.412	B 2745-771- Q00 1"	28.416

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	B 4108-352-00 D (CT)	27.876	23	D 2406-555- DOH	28.927
2	A 4113-102-000	27.877	24	D 2402-555-BAO	27.851
3	A 4142-335-000 (CT) = 501 434 03 Bernina	28.919	25	D 2402-555-BAB	27.852
4	A 4145-335- 000= 501 454 03 Bernina	28.920	26	D 2402-415-BAO	27.853
5	A 2512-102- 000	27.878	27	110-40052	28.928
6	A 2512-103- 000	27.879	28	113-13053	28.929
7	A 2517-103- 000	27.800	29	B 4111-804-000	27.821
8	A 2511-202- 000	27.881	30	B 4111-804-00 D	27.855
9	B 4108-352-00 B	27.882	31	B 411-804-00A (CT)	27.824
10	B 4108-352-00 D (CT)	27.876	32	B 4111-804-00 E (CT)	27.856
11	B 4122-352-00 A	27.820	33	B 4111-804-00 C (CT)	27.825
12	B 2011-357-000	27.883	34	B 4118-804-000	27.822
13	B 2521-352-000	27.884	35	B 4118-804-00C	28.930
14	B 2520-352-000	27.885	36	CT B 4118-804- 000	27.886
15	B 2421-280-0A0	28.921	37	118-45906	28.420
16	B 2424-280-000	28.922	38	CT 118- 45 906	28.421
17	B 2406-373-0A0	28.923	39	118-45 807	28.422
18	B 2410-373-000	28.924	40	CT 118- 45 807	28.423
19	B 1239-372- 000B	29.221	41	CT 118- 45 807 G	28.931
20	B 4121-052-A00	29.222	42	118-46003	28.426
21	B 4121-522-000	28.925	43	118-97501	28.932
22	D 2406-555- BOO	28.926	44	115-98406	28.933

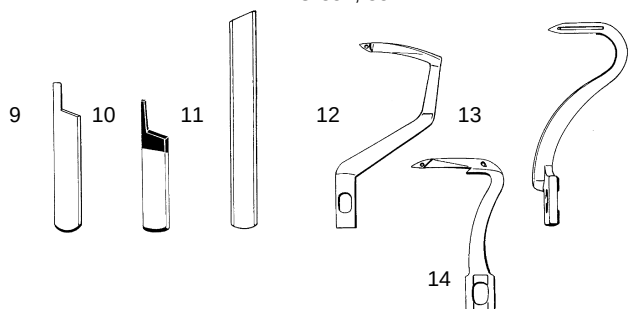
LBH 761-763, 771-773, 781 =Singer 71-90 (HSS-Steel)



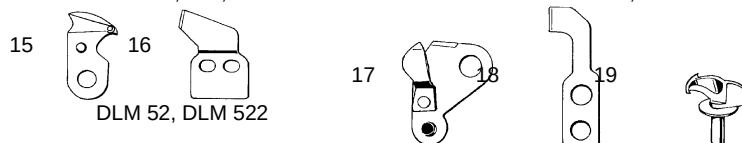
MO 102, 103, 104, 202, 204, 234, 305, 335 Bernette



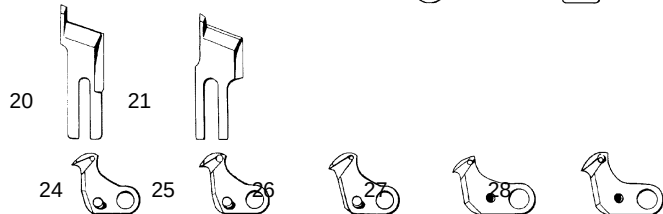
MO 352, 357



LK 280, 980, 1850



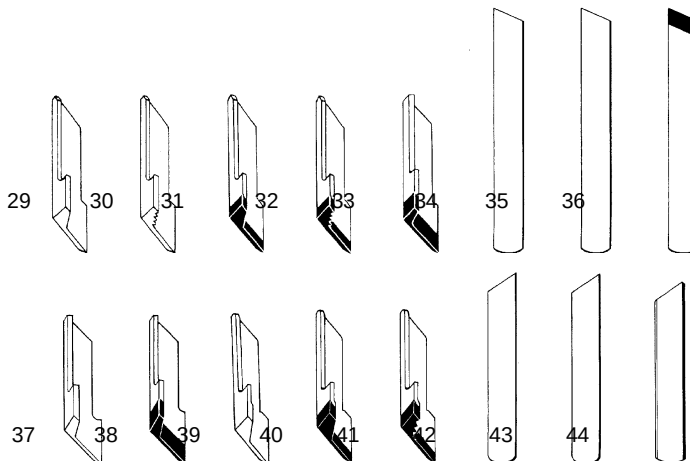
MB 372, 373



DDL 555, DLN 415, DLN 5410, DDL 5550

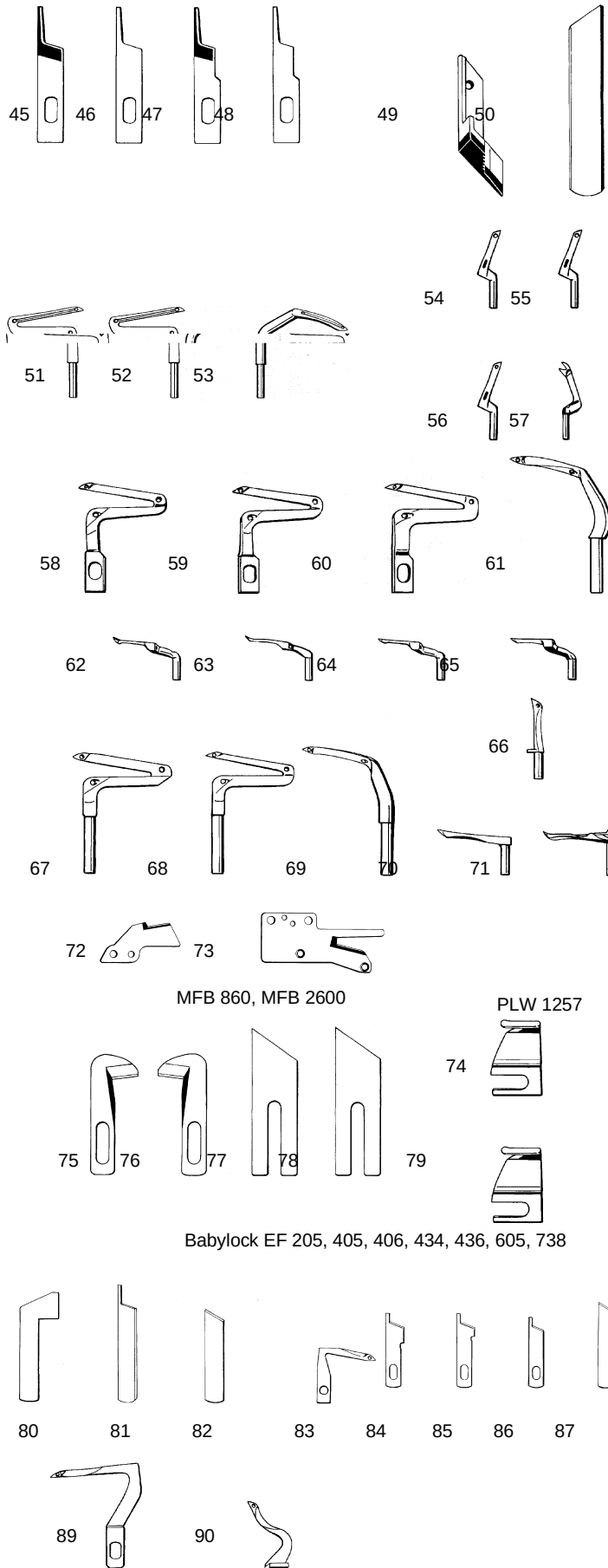


MO 800 Series, MO 1500 Series, MO 2000, 2400, 2500 Series



CT = knives tipped with tungsten carbide steel
no original parts

MO 800 Series, MO 1500 Series, MO 2000, 2400, 2500 Series



JUKI

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
45	118-45 609 (CT)	28.424	68	115-97 309	28.944
46	118-47 407	28.934	69	115-39 202	28.945
47	118-45 708 (CT)	28.425	70	120-14 908	28.946
48	118-47 506	28.935	71	116-51 908	28.947
49	115-65 900 (CT)	28.936	72	MAT 02203-000 (CT)	28.948
50	115-66 502	28.937	73	MAT 02204-000 (CT)	28.949
51	B 2521-804-000	27.827	74	106-46909 =119202	28.950
52	B 2521-804-00B	28.418	75	MAS-11012-000	28.951
53	B 2118-816-000	27.734	76	MAS-11013-000 (CT)	29.223
54	B 2519-804-000	27.826	77	MAS-11016-000	28.952
55	B 2519-814-000	28.938	78	MAS-11017-000	28.953
56	B 2519-804-00 B	28.417	79	106-50703 =119202 HSS	29.224
57	B 2514-803-000	28.419	80	305-149 205-9102-01 A(CT)	27.838
58	118-88 401	28.430	81	305-248 205-9101-01 A	27.839
59	118-89 904	28.939	82	405-9102-01 A	28.954
60	119-99 307	28.940	83	605-6102-01A	27.888
61	118-29 405	28.431	84	PL-Q11-01A	29.225
62	118-88 005	28.427	85	PL-Q11-01C	29.226
63	118-88 104	28.428	86	PL-91-01A	28.955
64	118-88 302	28.429	87	PL-R11-01A	28.434
65	119-99 208	28.941	88	SE-R11-01A	28.956
66	115-44 806	28.942	89	418-6101-02A	28.957
67	115-44 905	28.943	90	714-6101-01A	28.958

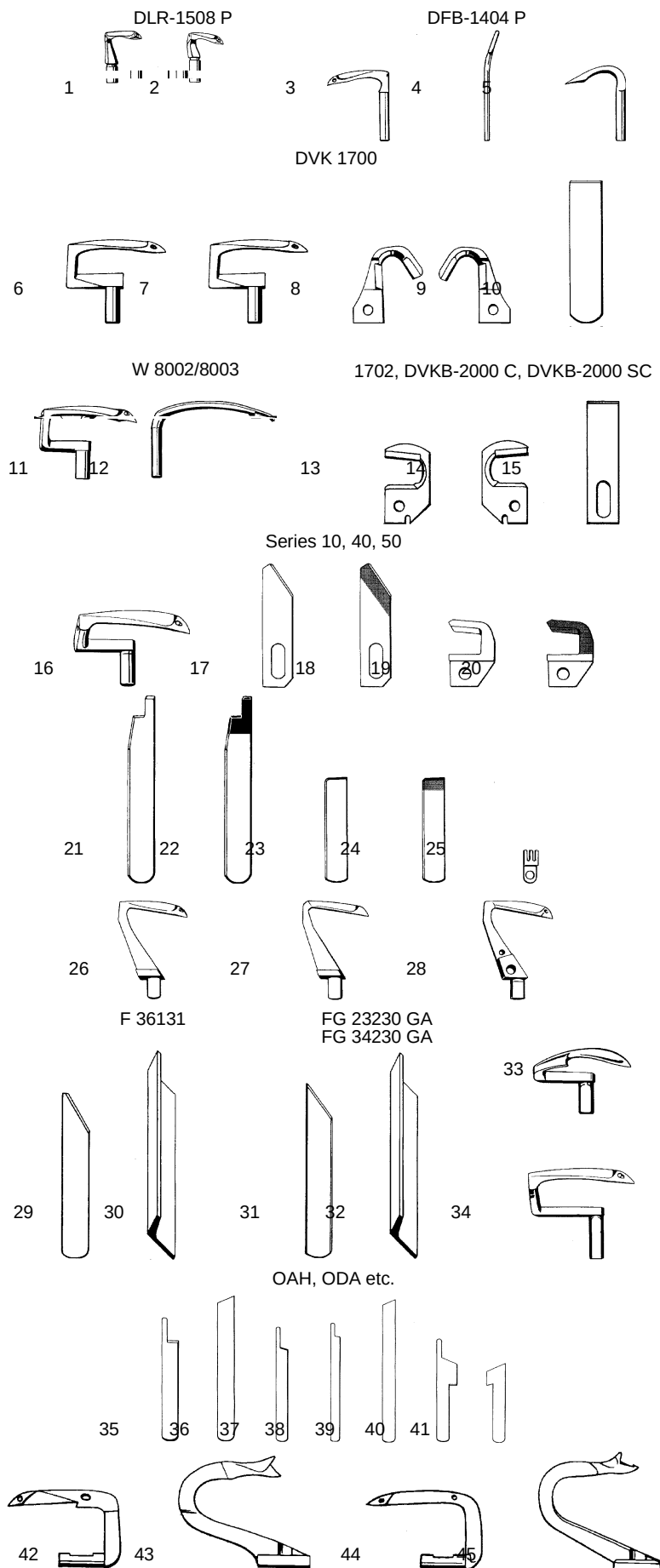
CT = knives tipped with tungsten carbide steel
no original parts

Kansai

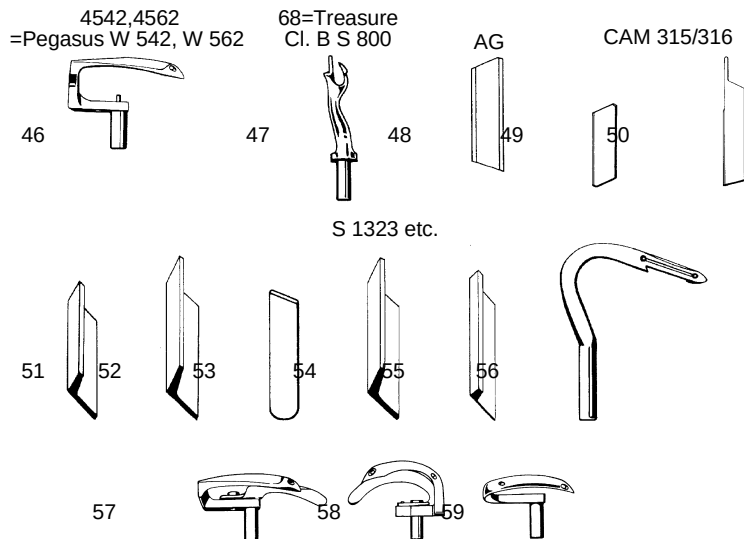
No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	19-581	28.959	9	07-406 (CT)	28.967
2	19-582	28.960	10	07-206	28.968
3	19-431	28.961	11	19-801	28.969
4	19-437	28.962	12	19-807	28.970
5	19-112	28.963	13	07-702 (CT)	28.971
6	19-712	28.964	14	07-703(CT)	28.972
7	19-713	28.965	15	07-707	28.973
8	07-124 (CT)	28.966			

Mauser

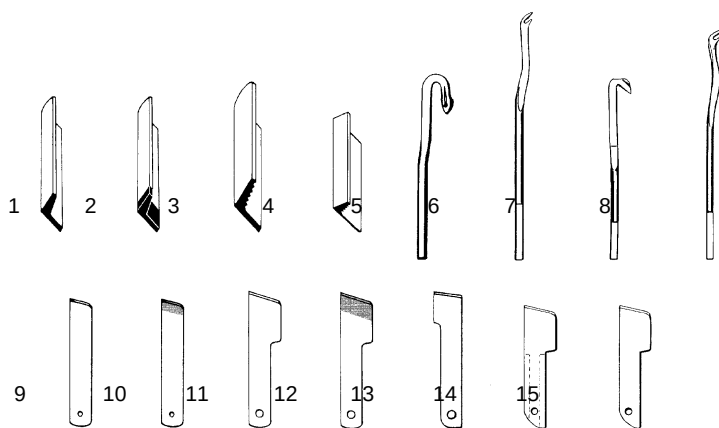
No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
16	96-712082-05	27.184	31	PG 815 96-710 588-05	27.176
17	96-705 138-05	27.178	32	PG 816 96-710 604-05	27.177
18	CT 705 138	27.889	33	ATA 37 96-702 748-05	27.182
19	96-705 142-05	27.179	34	F 23100-37 A 96-710 414-05	27.183
20	CT 705 142	27.890	35	JABD 816 96-705205-05 CT 705 205	27.147
21	CS 816 HSS 96-700 591-05	27.161	36	JABD 815 96-706135-05 CT 706 135	27.148
22	CT 700 591	27.891	37	JAB 816 A 96-707 786-05	27.149
23	ZA 815 96-700 535-05 (HSS)	27.162	38	JC 816	27.170
24	CT 700 535	27.892	39	JA 815 96-706 651-05	27.150
25	96-701 080-05	28.974	40	JAB-A816 96-705 438-05	27.151
26	CS 37 96-700 565-05	27.174	41	JAB-A 815 96-705 468-05	27.152
27	CS 37 A 96-700 925-05	27.172	42	J37 L 96-702 693-05	27.157
28	96-722 820-05	28.975	43	JLB 37 R 96-702 414-05	27.158
29	PST 815	27.174	44	JC37 L 96-702692-05	27.159
30	PST 816	27.175	45	JG 37 R 96-702684-05	27.160



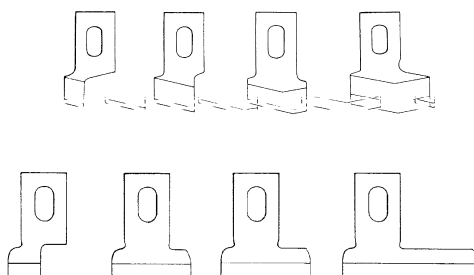
CT = knives tipped with tungsten carbide steel
no original parts



Suitable for: Mauser-Pegasus					
Mauser-Class	Pegasus-Class	Mauser-Class	Pegasus-Class	Mauser-Class	Pegasus-Class
401	L22	4542	W542	9652	E52
500	L	4562	W562	9652L	E52L
504	R 53, R57	4664	W664	9654A	E54
2001	S22	4742	W742	9656	E256
2003	S52	4762	W762	9732	ETS32
2004	S52	9622	E22	9732L	ETS32L
2005	S52	9622L	E22L	9751	ETS51
2014	S32	9632	E32	9752	ETS52
2015	S32	9632L	E32L		
2016	S32	9651	E51		



Class 400-100, 405-100, 458-100, HSS Steel



Mauser

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
46	257 550 09-400401-00	28.435 27.186	53	S815-8 96-720745-05 720745 (CT)	27.155
47	96-795104-00 11837(T830)	28.681	54	SH816-8 96-720742-05	27.164
48	AF316 96-705307-05	27.166	55	SK816 96-720744-05	27.185
49	CAM 315	27.180	56	S 37 BL 96-720392-05	27.173
50	CAM 316	27.181	57	AH 37 E 96-702417-05	27.167
51	S816-6,5 96-720735-05	27.153	58	CHG 37 96-706509-05	27.168
52	S816-8 96-720736-05	27.154	59	AP 37 B 96-702750-05	27.169

Merrow

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	6-90 D	27.215	8	105	27.227
2	CT 6-90 D	27.907	9	6-91	27.217
3	90-A 1	27.221	10	CT 6-91	27.909
4	A 90-3	27.222	11	6-91 E	27.218
5	59	27.219	12	CT 6-91 E	27.910
6	69	27.228	13	6-91 C	27.223
7	72	27.226	14	6-91 H	27.224
			15	6-91 K	27.225

NECCHI®

Class 400-100, 405-100, 458-100

Original-No.	Article-No.	Original-No.	Article-No.
996 448 000 20241-6,4	28.513	120 748-6,4 HSS	28.517
996 449 000 20241-9,5 20241-11,0	28.976 27.247 27.248	120 748-9,5 HSS	28.518
996 450 000 20241-12,7 20241-14,0	28.977 27.249 28.514	120 748-11 HSS	28.519
996 451 000 20241-16,0 20241-17,5	28.978 27.251 27.252	120 748-12,7 HSS	27.323
996 452 000 20241-19,0 20241-20,0	28.979 27.253 27.254	120 748-14 HSS	28.520
996 453 000 20241-22,2	27.255	120 748-16 HSS	27.324
996 454 000 20241-25,4	27.256	120 748-17,5 HSS	28.521
996 455 000 20241-28,6	27.257	120 748-19 HSS	28.522
996 456 000 20241-31,7 20241-33,3 20241-36,5	28.980 27.258 27.259 27.260	120 748-22,2 HSS	28.523
996 458 000 20241-38,1/39,7	28.981		

CT = knives tipped with tungsten carbide steel
no original parts



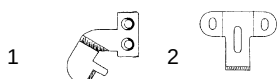
NECCHI®

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	154 851 000	28.982	4	186185 000	28.985
2	154 852 000	28.983	5	181 814 000 =40-0127-2-000 (Reece)	28.986
3	186 188 200 (CT)	28.984	6	181 812 000 HSS	28.987

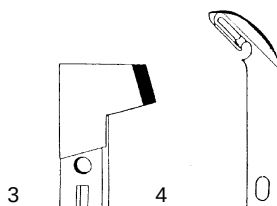
PEGASUS®

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
7	202 570 323-870-200 09-009 052-54	27.653 28.988 27.187	27	204 161 323-870-213 09-009 053-33	27.659 29.010 27.194
8	201 121 A 323-870-214 09-009 050-06 (CT)	27.783 28.989 27.188	28	204 351 323-870-218 09-009 606-90 (CT)	28.449 29.011 29.012
9	205 607 (CT) 09-009 801-41 links	28.990	29	201 085B 323-810-002 09-009 049-56	27.669 29.013 27.200
10	205 890 (CT)	28.991	30	202 861 323-810-212 09-009 053-29	27.666 29.014 27.201
11	202 571 323-870-201 09-009 052-55	27.655 28.992 27.189	31	204 072 323-810-216 09-009 054-20	27.672 29.015 27.202
12	202 527 (CT) 323-870-207 09-009 070-82	28.993 28.994 28.995	32	204 991 323-810-232 09-009 603-49	28.056 29.016 27.896
13	210 755	28.463	33	204 314A 323-810-217 09-009 065-25	28.516 29.017 27.203
14	CT 210 755 91-179 421-01	28.462	34	204 431 323-810-219 09-009 065-26	28.057 29.018 27.897
15	211 771 (CT) 09-009 807-71	28.464	35	202 874(1) 323-810-211 09-009 053-31	27.665 29.019 27.195
16	211 662(CT) 09-009 802-00	28.996	36	204 062(2) 323-810-218 09-009 054-19	27.670 29.020 27.196
17	211 662A(CT)	28.997	37	204 278(1) 323-810-215 09-009 054-29	27.671 29.021 27.197
18	204 161A 09-009 831-32	28.998	38	201 234A 323-810-003 09-009 050-62	27.668 29.022 27.198
19	211 661 09-009 803-45	28.999	39	201 067A 323-810-001 09-009 049-43	27.667 29.023 27.199
20	210 762 09-009 620-39	29.000	40	202 828(4) 323-810-224 09-009 065-90	27.769 29.024 27.207
21	277 009 09-009 846-08	29.001	41	204663(7) 323-810-008 09-009 068-07	28.058 29.025 27.898
22	202 295 323-870-210 09-009 066-42	27.675 29.002 27.190	42	204 990(12) 323-810-231 09-009 603-48	28.059 29.026 27.899
23	202 572 323-870-202 09-009 052-56	27.656 29.003 27.191	43	204 702(4) 323-810-009 09-009 067-70	27.767 29.027 27.205
24	205 609 09-009 810-40 left	28.465	44	204 703(6) 323-810-010 09-009 067-68	27.764 29.028 27.206
25	202 893 323-870-215 (CT)	27.657	45	204 704(3) 323-810-011 09-009 068-98	28.060 29.029 27.901
26	201 127 323-870-211 09-009 054-43 202 573 323-870-203 09-009 052-57	27.664 29.004 27.193 27.658 29.005 27.192	46	204 705(5) 323-810-012 09-009 067-69	28.061 29.030 27.902

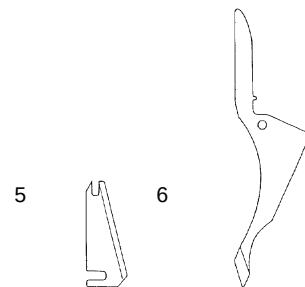
400-100,405-100,458-100



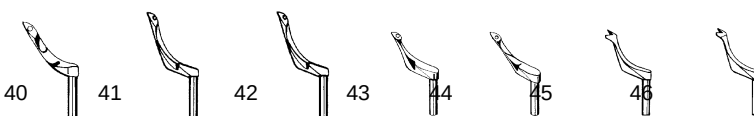
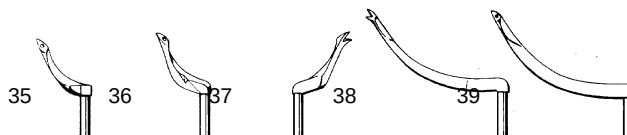
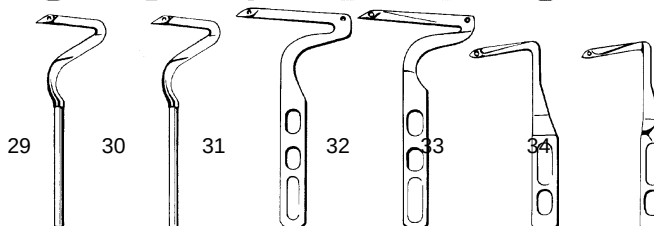
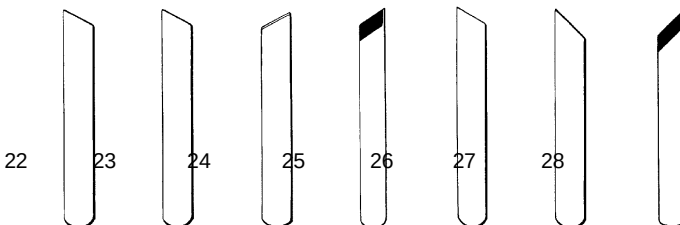
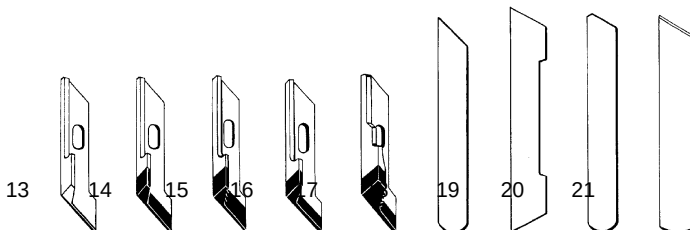
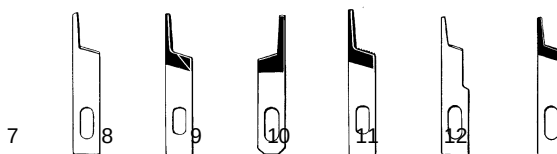
835-261,263



UAN 1700, 1701

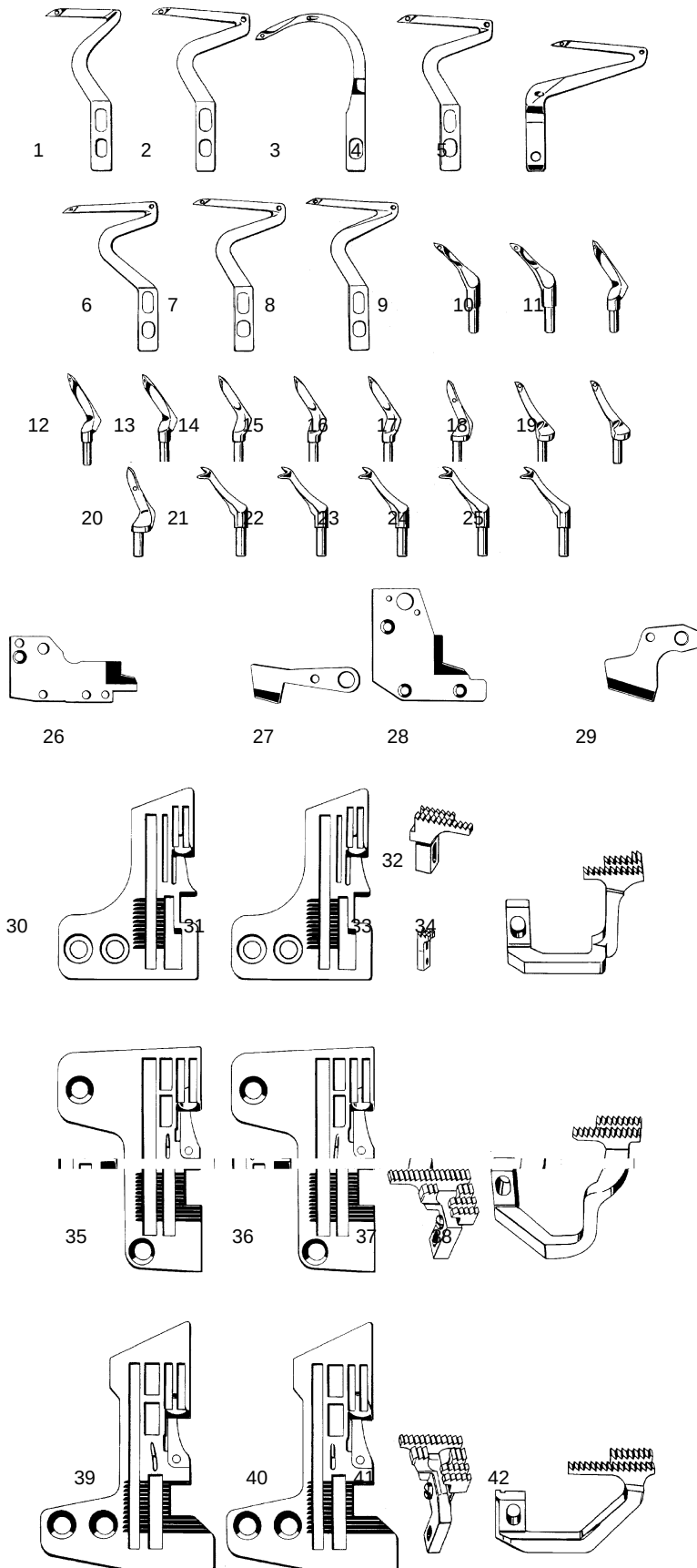


DCR 601,801,901,905, E22,
E22L,E32,E32L,E51,E52,E52L,E54,E256,ETS32,ETS32L,ETS51,ETS52,EXT3200,
EXT5200,L32,L52,R53,R57,S22,S32,S52



CT = knives tipped with tungsten carbide steel
no original parts

DCR 601, 801, 901, 905
E22, E22L, E32, E32L, E51, E52, E52L, E54, E256, EXT 3200, EXT5200
L32, L52, R53, R57, S22, S32, S52



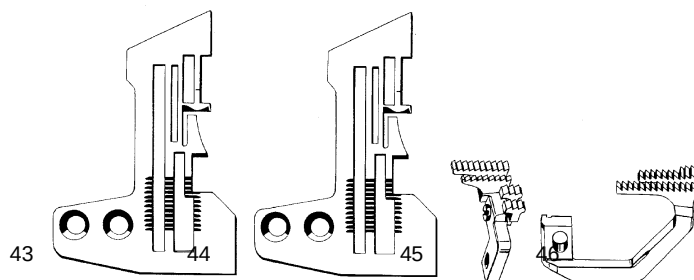
No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	210 354 323-810-018 09-009 615-98	27.700 29.031 27.208	22	210 513(23)	29.052
2	210 356 323-810-019 09-009 615-99	27.771 29.032 27.209	23	210 514(25) 09-009 620-35	29.053
3	210 357A 323-810-020 09-009 616-00	28.062 29.033 27.903	24	210 515(27) 09-009 621-60	29.054
4	211 651 09-009 802-29	29.034	25	211 845(29) 09-009 733-37	29.055
5	213 105 09-009 812-96	29.035	26	301 006 09-009 621-64 (CT)	29.056
6	212 784 09-009 810-28	29.036	27	301 008 09-009 621-65 (CT)	29.057
7	212 215 09-009 802-28	29.037	28	301 035 09-009 806-72 (CT)	29.058
8	212 644 09-009 804-51	29.038	29	301 036 09-009 806-73 (CT)	29.059
9	210 358(2) 323-810-021 09-009 620-31	27.772 29.039 27.210	30	205 321 09-009 611-37	28.466
10	210 359(4) 323-810-022 09-009 616-01	27.773 29.040 27.211	31	205 322 09-009 070-90	28.467
11	210 364(22) 323-810-025 09-009 616-03	27.774 29.041 27.212	32	208 336 09-009 611-68	28.468
12	210 365(24) 323-810-026 09-009 616-04	27.775 29.042 27.213	33	208 338 09-009 611-70	28.469
13	210 366(26) 323-810-027 09-009 620-33	27.776 29.043 27.214	34	204 907 09-009 068-97	28.470
14	210 367(28) 09-009 620-34	29.044	35	204 252B 09-009 065-65	28.471
15	210 729(30) 09-009 617-97	29.045	36	204 360A 09-009 065-40	28.472
16	210 730(32)	29.046	37	208 063 09-009 071-19	28.473
17	211 507(36) 09-009 801-60	29.047	38	208 215 09-009 071-27	28.474
18	211 719(38) 09-009 733-31	29.048	39	210 846 09-009 620-09	28.475
19	211 720(40) 09-009 802-26	29.049	40	210 851 09-009 620-14	28.476
20	211 844(42) 09-009 733-36	29.050	41	210 581 09-009 606-75	28.477
21	210 512(21) 09-009 617-06	29.051	42	210 494 09-009 616-98	28.478

CT = knives tipped with tungsten carbide steel
no original parts



No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
43	210 787 09-009 620-45	28.643	53	306 394(CT) 09-400 427-00	29.060
44	210 788 09-009 620-46	28.455	54	204 161A 09-009 831-32	29.061
45	210 568 09-009 617-026	28.456	55	257 555 09-009 854-48	29.062
46	210 443 09-009 616-57	28.457	56	257 565 09-009 826-28	29.063
47	210 810 09-009 620-66	28.458	57	236 606	29.064
48	210 575 09-009 617-33	28.459	58	236 608	29.065
49	210 445 09-009 616-58	28.460	59	236 101	29.066
50	138 559	28.693	60	236 609	29.067
51	137 562	27.694	61	236 610	29.068
52	257 550	28.435	62	236 500	29.069

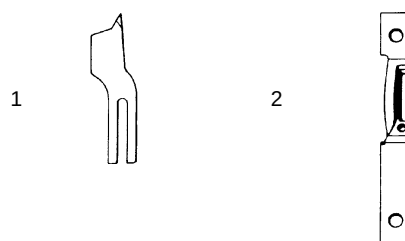
DCR 601, 801, 901, 905
E22, E22L, E32, E32L, E51, E52, E52L, E54, E256, EXT 3200, EXT5200
L32, L52, R53, R57, S22, S32, S52



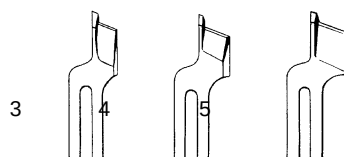
No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	15 323	27.231	2	CT 15 320-3,0	28.488
2	15 320-2,0	27.278		CT 15 320-3,5	28.489
	15 320-2,5	27.279		CT 15 320-4,0	28.490
	15 320-3,0	27.280		CT 15 320-4,5	28.491
	15 320-3,5	27.281		CT 15 320-5,0	28.492
	15 320-4,0	27.282		CT 15 320-6,0	28.493
	15 320-4,5	27.283	3	19 506 x 5,0	27.238
	15 320-5,0	27.284	4	19 506 x 7,0	27.236
	CT 15 320-2,0	28.487	5	19 506 x 9,0	27.239

Class 133, 134

Class 133, 134

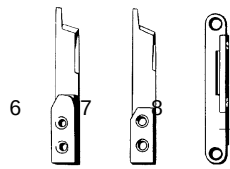


Class 141, 143

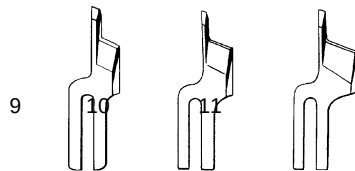


CT = knives tipped with tungsten carbide steel
no original parts

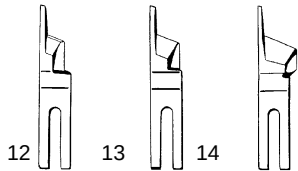
Class 142, 242,
1242-732



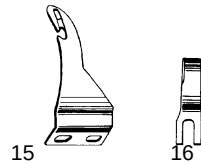
Class 151, 153



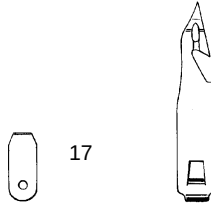
Class 155, 175



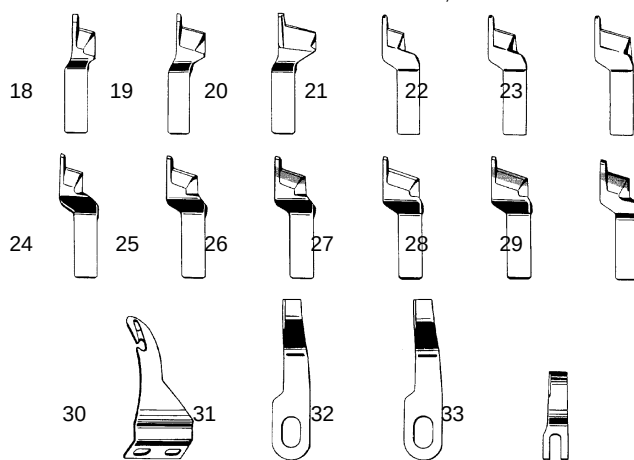
Class 335, 337



Class 438



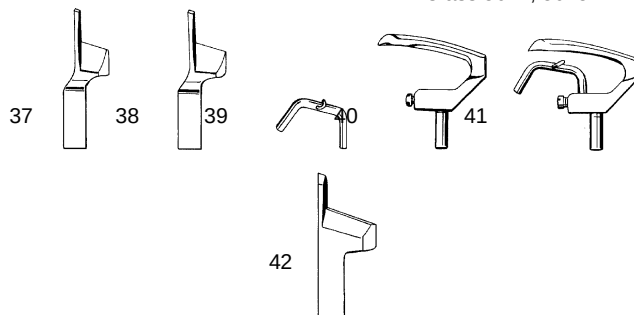
Class 461, 463, 469, 481, 483, 487, 489
1481, 1483, 1487, 5463, 5483
951, 953



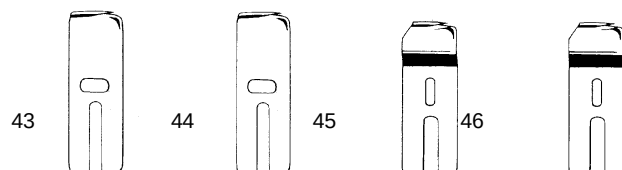
Class 5463, 5467, 5483, 5487, 5489



Class 5642, 5645



Class 143, 191, 193, 471, 474, 491, 493, 1471, 1474, 1491, 1493, 1494



No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
6	113 460	27.286	27	169 395x9,0 HSS	27.272
7	10192	27.287	28	169 395x9,0 HSS	28.805
8	91-048 909-93/001 (CT)	28.801	29	069 596x7,0 069 596x9,0 (CT)	27.3152 7.322
9	15 435x4,0 15 435x5,0	27.3182 7.234	30	91-175 540-05 91-165 505-05	27.951
10	15 435x7,0	27.235	31	169 239x0,8	27.313
11	15 435x9,0	27.237	32	169 239x1,0	27.314
12	19 737x5,0	27.289	33	171 853	27.273
13	19 737x7,0	27.290	34	91-172 358-05 91-172 071-05	27.9532 7.954
14	19 737x7,0	27.291	35	91-169 711-05	27.955
15	91-175 540-05	27.951	36	91-170 966-05	27.952
16	91-168 498-05	28.802	37	91-173 792-05x7,0	28.806
17	91-168 499-05	28.803	38	91-173 792-05x9,0	28.807
18	69 669x5,0	27.267	39	91-172 802-01	28.495
19	69 669x7,0	27.268	40	91-172 797-05	27.956
20	69 669x9,0	27.269	41	91-176 055-91	28.496
21	69 595x5,0HSS	27.264	42	91-177 919-05	28.808
22	69 595x7,0HSS CT=69 596x7,0	27.265	43	91-011 165-04/001=2,7 91-011 165-04/002=3,0 91-011 165-04/003=3,5	27.296 28.498 28.500
23	69 595x9,0HSS CT=69 596x9,0	27.266	44	91-011165-04/011=2,7HSS 91-011165-04/013=3,5HSS	27.297 28.501
24	169 395x5,0 HSS	27.270	45	91-011233-04/001=2,7 91-011233-04/002=3,0 91-011233-04/003=3,5	27.292 28.497 27.294
25	169 395x7,0 HSS	27.271	46	91-011233-04/011=2,7 HSS	27.940
26	169 395x7,0 HSS	28.804			

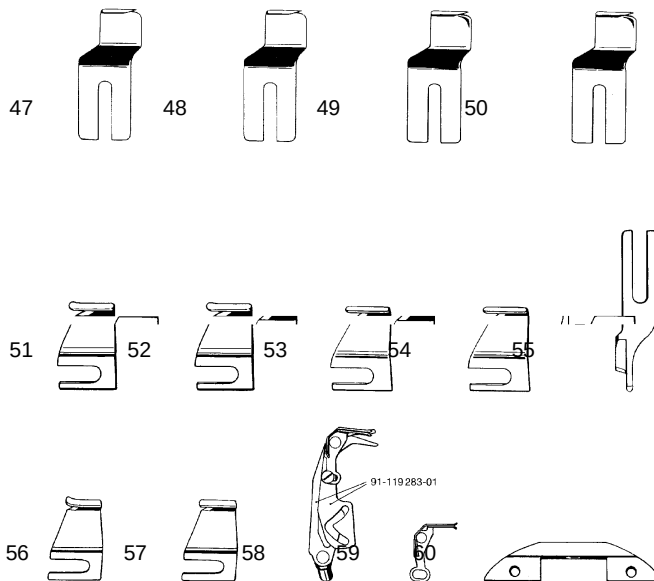
CT = knives tipped with tungsten carbide steel
no original parts

PFAFF®

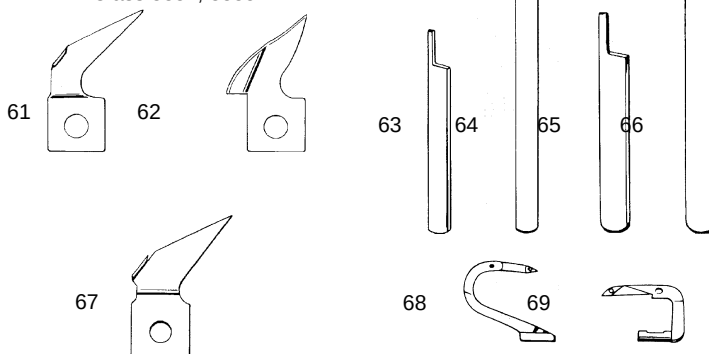
No.	Original- No.	Article No.	No.	Original-No.	Article No.
47	91-011179-01/ 001=2,7	27.302	59	91-119455-05	28.812
	91-011179-04/ 002=3,0	28.503			
	91-011179-04/ 003=3,5	27.304			
48	91-011179-04/ 011=2,7 HSS	27.302	60	91-058309-1,0A x4,5	28.813
	91-011179-04/ 013=3,5HSS	27.304		91-058309-1,2A 4,5	28.814
49	91-011324-04/ 001=2,7	27.299	61	22 452	27.316
	91-011324-04/ 002=3,0	28.502			
	91-011324-04/ 003=3,5	27.301			
50	91-011324- 04/011=2,7HSS	27.944	62	22 453	27.3172
	91-011324- 04/013=3,5HSS	27.945		22 097	7.958
51	91-119202-04/ 001	27.311	63	60-082	27.274
52	91-119202-04/ 011:HSS	27.948	64	60-066	
53	91-119444-04/ 001	27.312	65	60-082A	27.229
54	91-119444-04/ 011:HSS	27.949	66	60-066CA	27.230
55	91-175952-05 KI.493-755-743 -04	28.504	67	22 096	27.957
56	91-119714-05	28.809	68	60-148	27.276
57	91-119715-05	28.810	69	60-152	27.277
58	91-119486-91	28.811			

Class 3114, 3116, 3527 HSS-Steel			
Original-No.	Article-No.	Original-No.	Article-No.
20 241-6,4	28.513	20 241-36,5	27.260
20 241-9,5	27.247	20 241-38,1	27.261
20 241-11,0	27.248	20 241-39,7	27.262
20 241-12,7	27.249	120 748-6,4	28.517
20 241-14,0	28.514	120 748-9,5	28.518
20 241-16,0	27.251	120 748-11,0	28.519
20 241-17,5	27.252	120 748-12,7	27.323
20 241-19,0	27.253	120 748-14,0	28.520
20 241-20,0	27.254	120 748-16,0	27.324
20 241-22,2	27.255	120 748-17,5	28.521
20 241-25,4	27.256	120 748-19,0	28.522
20 241-28,6	27.257	120 748-22,2	28.523
20 241-31,7	27.258	120 748-25,4	28.524
20 241-33,3	27.259		

Class 143, 191, 193, 471, 474, 491, 493, 1471, 1474, 1491, 1493, 1494

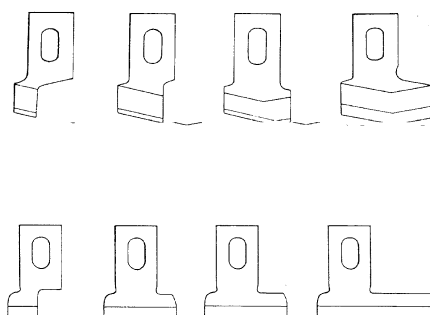


Class 3334, 3335



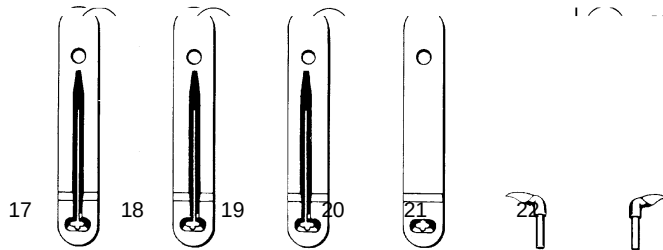
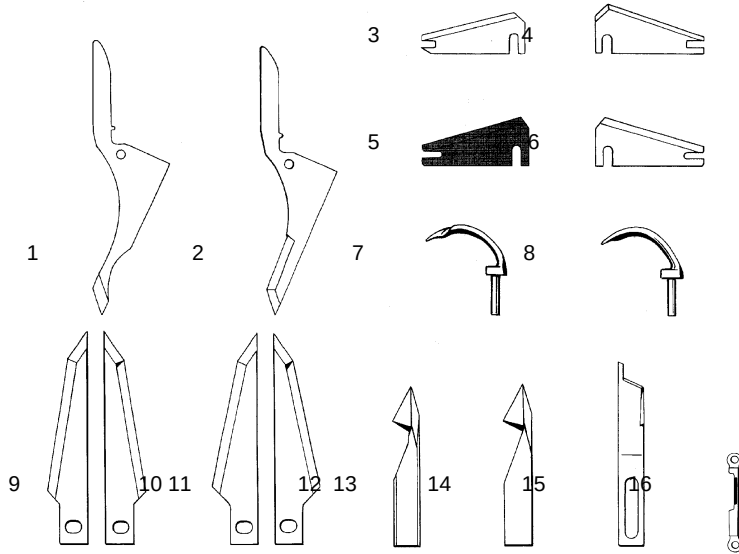
Industria (Metro)

Class 3114, 3116, 3527 HSS-Steel

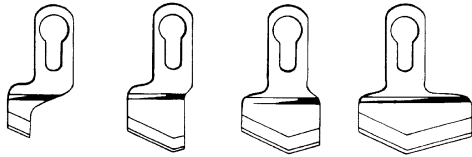


CT = knives tipped with tungsten carbide steel
no original parts

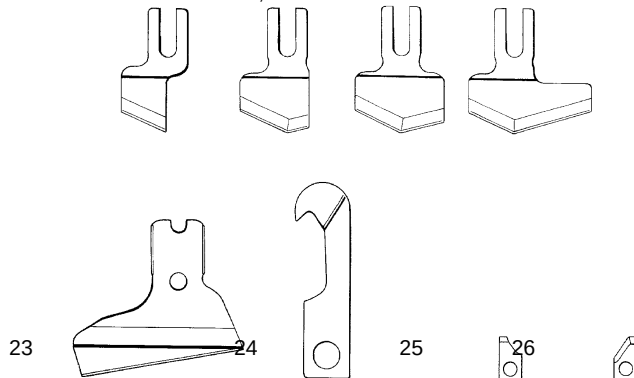
Class 32, 42, 46, 47



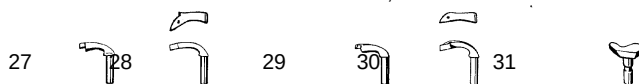
Class S2 20-0356-1-049 bis 060



Class S200, S2000: 23-2356-1-052 bis 059



Class 101, 104



Reece

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	40-0012-2-045 P12XN1 HSS	27.725	12	32-2048-1-002	28.825
2	40-0012-2-000 P12XN1-SP HSS	28.815	11+ 12	32-2048-1-050	29.228
3	40-0127-2-000 P127	28.816	13	32-2019-1-000 S32	28.828
4	P 127 special 0,6mm HSS	28.817	14	46-1125-5-000 S46	28.829
5	46-1001-5-487 ceramic	28.818	15	48-1125-5-581 =21-4001	29.227
6	46-1004-9-073 =21-3003 HSS	28.819	16	48-1125-5-594 CT	28.830
7	40-0057-6-000	28.820	17	20-0051-1-024 S2-51 R middle	28.831
8	40-0058-5-000	28.821	18	20-0051-1-024 S2-51 M right	28.832
9	32-2047-1-001	28.822	19	20-0051-1-024 S2-51 N left	28.833
10	32-2047-1-002	28.823	20	20-0051-1-002 S2- 51 without slot	28.834
9+1 0	32-2047-1-050	29.229	21	20-0119-2-000 S119-N	28.835
11	32-2048-1-001	28.824	22	20-0116-3-000 S116-N2	28.836

Class S2 20-0356-1-049 bis 060

Original-No.	Article-No.	Original-No.	Article-No.
		20 241-36,5	27.260
20 241-9,5	27.247	20 241-38,1	27.261
20 241-11,0	27.248	20 241-39,7	27.262
20 241-12,7	27.249	120 748-6,4	28.517
20 241-14,0	27.250	120 748-9,5	28.518
20 241-16,0	27.251	120 748-11,0	28.519
20 241-17,5	27.252	120 748-12,7	27.323
20 241-19,0	27.253	120 748-14,0	28.520
20 241-20,0	27.254	120 748-16,0	27.324
20 241-22,2	27.255	120 748-17,5	28.521
20 241-25,4	27.256	120 748-19,0	28.522

Class S200, S2000: 23-2356-1-052 bis 059

20 241-6,5	27.246	20 241-36,5	27.260
20 241-9,5	27.247	20 241-38,1	27.261
20 241-11,0	27.248	20 241-39,7	27.262
20 241-12,7	27.249	120 748-6,4	28.517
20 241-14,0	28.514	120 748-9,5	28.518
20 241-16,0	27.251	120 748-11,0	28.519
20 241-17,5	27.252	120 748-12,7	27.323
20 241-19,0	27.253	120 748-14,0	28.520

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
23	20-0356-0-003 ED	28837	28	14-4005-0-000 10-4005 USA D5 USA	28842
24	20-0093-0-000	28838	29	10-4004 D4 =14-4004-0-000	28843
25	20-0094-1-000	28839	30	10-4005 D5	28844
26	230-0094-0-000	28840	31	10-4006-0-000	28845
27	14-4004-0-000 10-4004 USA D4 USA	28841			

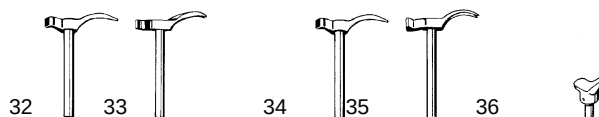
CT = knives tipped with tungsten carbide steel
no original parts



Reece

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
32	10-4008 USA D8 USA	28.846	38	10-1069-0-075 3/4-19	28.862
33	10-4009 USA D9 USA	28.847		10-1069-0-076 7/8-22	28.863
34	10-4008 D8	28.848		10-1069-0-077 1-25	28.864
35	10-4009 D9	28.849		10-1069-0-078 1 1/8-29	28.865
36	10-4007-0-000	28.850		10-1069-0-079 1 1/4-32	28.866
37	10-1069-0-001 1/2-13	28.851		10-1069-0-080 1 3/8-35	28.867
	10-1069-0-002 5/8-16	28.852		10-1069-0-081 1 1/2-38	28.868
	10-1069-0-003 3/4-19	28.853	39	10-1069-0-020 5/8-16	28.869
	10-1069-0-004 7/8-22	28.854	40	10-3072-0-024	28.870
	10-1069-0-005 1-25	28.855		10-3072-0-024 1 1/4 C72-RJRE	28.871
	10-1069-0-006 1 1/8-29	28.856		10-3072-0-059 5/8 CT-RE	28.872
	10-1069-0-007 1 1/4-32	28.857		10-3072-0-060 3/4 CT-RE	28.873
	10-1069-0-008 1 3/8-35	28.858		10-3072-0-062 7/8 CT-RE	28.874
	10-1069-0-009 1 1/2-38	28.859		10-3072-0-067 5/8 CT-RE	28.875
38	10-1069-0-073 1/2-13	28.860	41	14-1197-0-000	28.876
	10-1069-0-074 5/8-16	28.861			

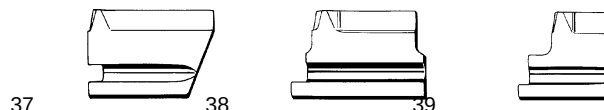
Class 101, 104



BLOCK Type A-69-R

Block Type A-69-B

Block Cord Trim

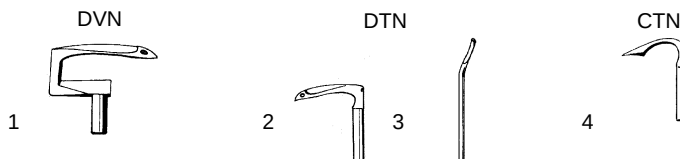


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DVN

DTN

CTN



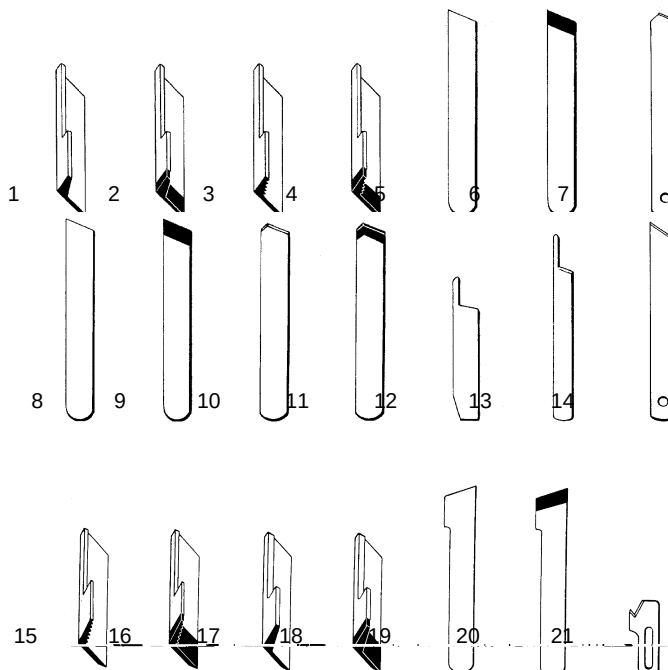
Renown

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	10528=52808 E	27528	3	10204	28878
2	10083	28862	4	11033	28879

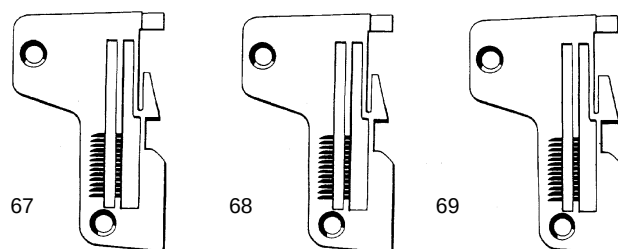
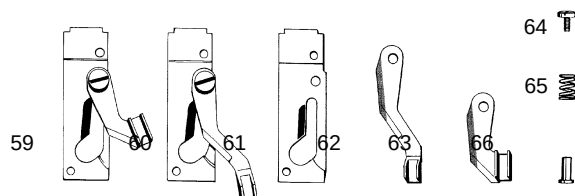
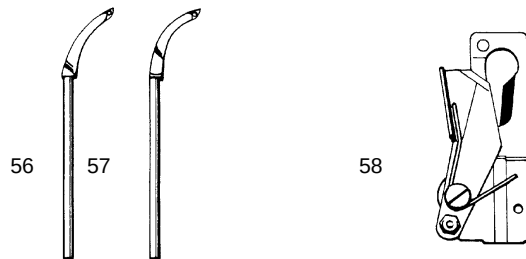
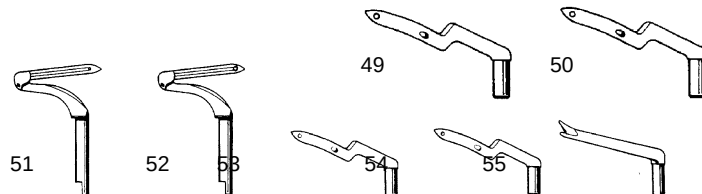
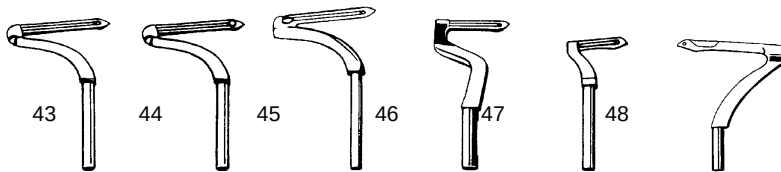
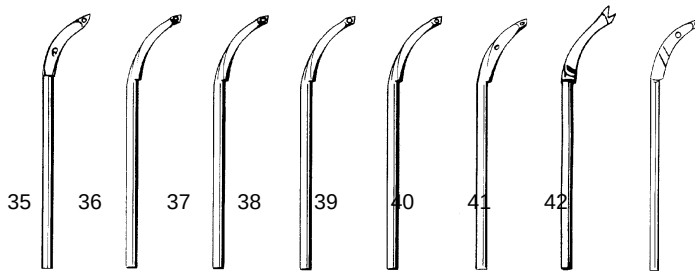
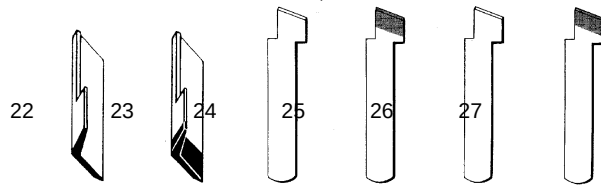
Rimoldi

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	270-112 202 142-0-10	27329	12	209593-0-00	28549
2	207 000-2-00CT	28880	13	203510-0-10	27367
3	270-112/1 202-143-0-10	28546	14	204435-0-10	28551
4	207008-2-00CT	28881	15	277-112 203010-0-10	27331
5	270-113 202145-0-10	28882	16	207002-2-00CT	28885
6	207018-2-00CT	28883	17	276-B-112 202932-0-10	27347
7	207-011-0-00	28550	18	207001-2-00CT	28887
8	270-113/1 202146-0-10	27346	19	277-113 203012-0-10 27.77-113	27332
9	207015-2-00CT	28884	20	207016-2-00CT	28888
10	2701-P9113/1 203144-0-10	27353	21	9200780-0-10	28554
11	207024-2-00 CT	28885			

Class 27, 28, 29, 227, 228, 229, 327, 328, 329, 527, 529, 627, 629, 639, Orion, Omnitex

CT = knives tipped with tungsten carbide steel
no original parts

Class 27, 28, 29, 227, 228, 229, 327, 328, 329, 527, 529, 627, 629, 639,
Orion, Omnitex



Rimoldi

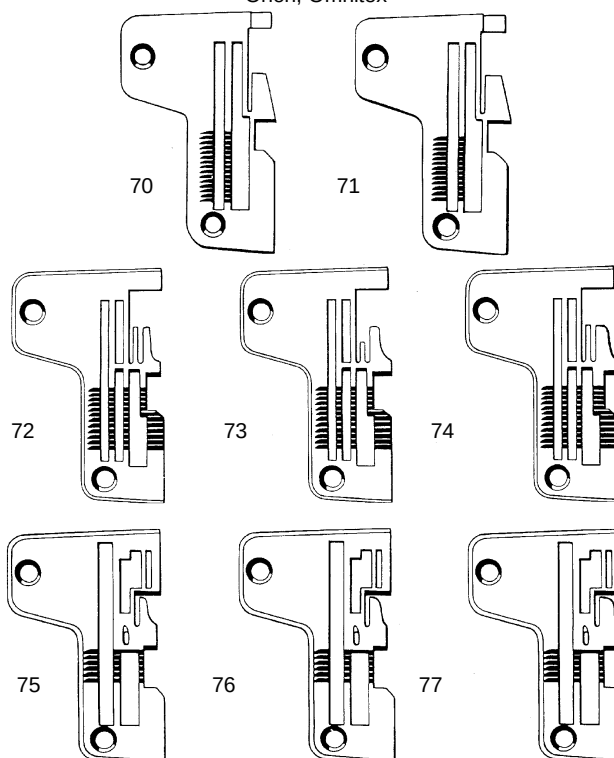
No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
22	279-112 203 066-0-10	27.348	46	207 722-0-01	27.979
23	207 006-2-00 CT	28.897	47	290-075/2 204 676-0-11	27.350
24	279-113 203 068-0-10	27.333	48	206 048-0-13	28.908
25	CT203 068-0-10	28.898	49	209 213-0-000 big eye	29.214
26	279-113/1 203 069-0-10		50	209 223-0-00 big eye	29.215
27	207 017-2-00CT	28.899	51	209 264-0-00 small eye	29.216
28	27.77-1121 203 783-0-10		52	209 265-0-00 big eye	29.617
29	207 003-2-00CT	28.900	53	209 248-0-00 small eye	29.218
30	27.77-112 203 759-0-10	28.901	54	209 249-0-00 small eye	29.219
31	207 004-2-00CT	28.902	55	209 247-0-00	29.220
32	290-113(1mm) 204 693-0-11	28.903	56	277-074 203 005-0-10	27.355
33	207 020-2-01CT	28.904	57	277-074 203 755-0-10 207 208-0-00	27.356
34	207 651-0-00 (1.5mm)	28.552	58	926 752-4-00	28.556
35	208 011-0-01	28.555	59	926 755-4-01	27.977
36	206 208-0-00 small eye	27.980	60	926 757-4-01	27.978
37	206 209-0-00 big eye	27.981	61	926 753-2-01 (CT)	27.368
38	27.277-074 204 021-0-10 big eye	27.351	62	926 756-2-01 (CT)	27.369
31	27.2777-0745 204 033-0-10 small eye	27.342	63	926 754-2-01 (CT)	28.909
40	204 022-0-10	28.905	64	926 758-0-01	27.372
41	270-D-074-1 202 092-0-10 202 092-0-11	28.9062 7.35227 .982	65	923 918-0-01	27.374
42	206 512-0-02	27.983	66	923 919-0-01	27.373
43	270-075 202 094-0-13 small eye	27.341	67	270-1141 202 504-0-10	28.910
44	270-075/2 202 095-0-13 big eye	27.354	68	270-114 202 148-0-10	27.357
45	270-0751 202 413-0-13	28.907	69	202 507-0-10	28.557

CT = knives tipped with tungsten carbide steel
no original parts

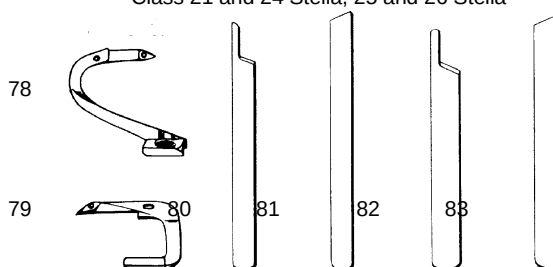
Rimoldi

No.	Original-No.	Article-No.
70	202508-0-10	28558
71	202590-0-10	28559
72	203578-0-10	28563
73	204026-0-10 27-277-114	27344
74	203547-0-10 27-26-114	27371
75	290-114/1 204695-0-11	27360
76	204696-0-10	28567
77	204809-0-00	28568
78	1074 200175-0-10	27336
79	1075 200178-0-10	27337
80	1112 200271-0-10	27325
81	1113 200274-0-10 CT 200274-0-10	27326
82	2112 200403-0-10	27327
83	2113 200404-0-10 CT 200404-0-10	27328
84	303012-0-10	28575
85	63.78-112 302807-0-10	27361
86	205671-2-00 (CT)	29237
87	63.78-113 302808-0-10	27362
88	305670-2-00 (CT)	29238
89	633-075 302057-0-13	27992
90	312057-0-00	29230
91	306223-0-10	27363
92	306224-0-10	27364
93	306234-0-00	27365
94	306235-0-00	27366
95	308080-0-00	29231
96	306286-2-00 (CT)	29232
97	306285-2-00 (CT)	29233
98	306284-2-00 (CT)	29234
99	306283-2-00 (CT)	29235
100	304186-0-13 KI. 264-22-4ML-01	29236

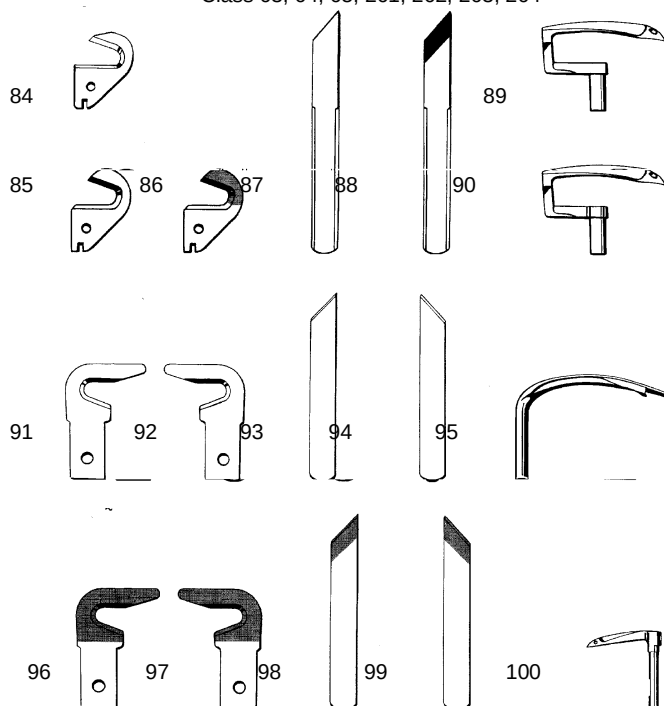
Class 27, 28, 29, 227, 228, 229, 327, 328, 329, 527, 529, 627, 629, 639,
Orion, Omnitex



Class 21 and 24 Stella, 25 and 26 Stella

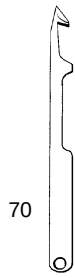


Class 63, 64, 65, 261, 262, 263, 264

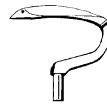


CT = knives tipped with tungsten carbide steel
no original parts

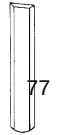
Class 171



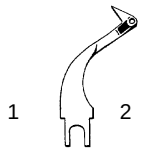
Class 183



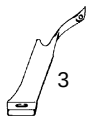
Class 184



Class 14 U



2



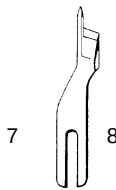
4



6



Class 47 W, 51W, 52W, 52K, 104W, 110W, 136W, 236G, 236U, 236W



8



9



10



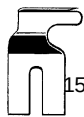
11



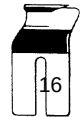
13



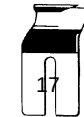
14



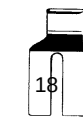
15



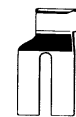
16



17



18



Class 71, 271K

19



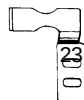
20



21



22

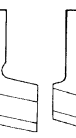
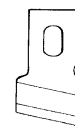
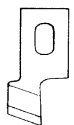


23



Knives HSS Steel

Class 71-1, 3, 5, 6, 11, 12, 13, 30,31, 32, 34, 35, 40, 42, 45, 101, 107, 271-K 11,-K 13. 371, 471



Rimoldi

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
70	924 670-0-20	28911	75	350 145-0-10	28579
71	924 638-0-00 294 638-0-10	28577	76	350 183-0-00	28912
72	944 422-0-00	28578	77	350 069-0-00	27994
73	350 453-0-90	28580	78	350 107-0-00	27495
74	350 452-0-90				

SINGER

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	410 262	28913	13	238 546	27487
2	410 434	28914	14	8061 A-3,1	27489
3	410 452	28915	15	249 191-3,1	28583
4	412 553	28916	16	249 191 HSS	27490
5	410 295	28917	17	263 735-3,1	28584
6	412 585 CT	28918	18	263 735 HSS	27491
7	241 574 HSS	27482	19	40048 Class 71-30	27390
8	241 575	27483	20	39609 Class 71-30	27391
9	233 934	27479	21	39 867 KI.71-48/71-112	27417
10	238 508	27485	22	40035 271926	27493
11	238 508 HSS	28582	23	39608 Class 71-30	27409
12	238 543	27486			

Knives HSS Steel

Class 71-1, 3, 5, 6, 11, 12, 13, 30,31, 32, 34, 35, 40, 42, 45, 101, 107, 271-K 11,-K 13. 371, 471

Original-No.	Article-No.	Original-No.	Article-No.
71 1/8	27419	71 1 1/4	27436
71 1/4	27420	71 1 3/8	27437
71 5/16	27421	71 1 1/2	27438
71 3/8	27422	71-90 1/8	28370
71 7/16	27423	71-90 1/4	28371
71 1/2	27424	71-90 5/16	27421a
71 9/16	27425	71-90 3/8	28373
71 5/8	27426	71-90 7/16	27423a
71 11/16	27428	71-90 1/2	27424a
71 3/4	27429	71-90 9/16	27425a
71 13/16	27430	71-90 5/8	27426a
71 7/8	27427	71-90 11/16	27428a
71 15/16	27431	71-90 3/4	27429a
71 1	27432	71-90 13/16	27430a
71 1 1/16	27433	71-90 7/8	27427a
71 1 1/8	27434	71-90 15/16	27431a
71 1 3/16	27435	71-90 1	27432a

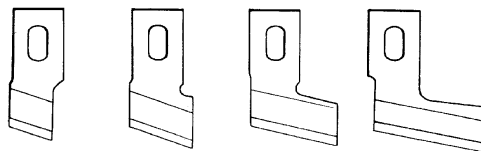
CT = knives tipped with tungsten carbide steel
no original parts

SINGER

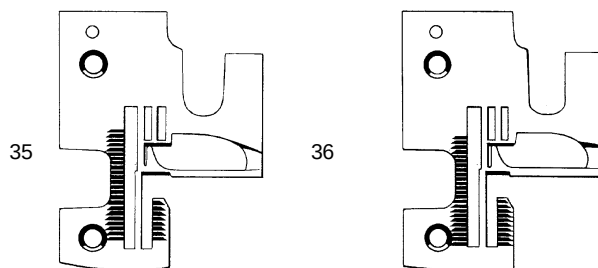
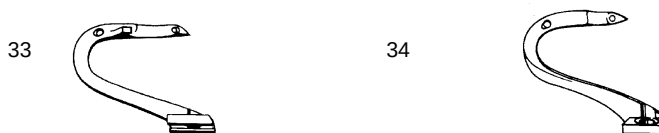
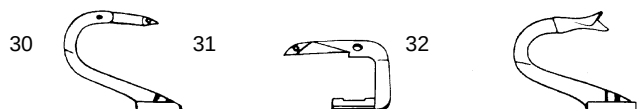
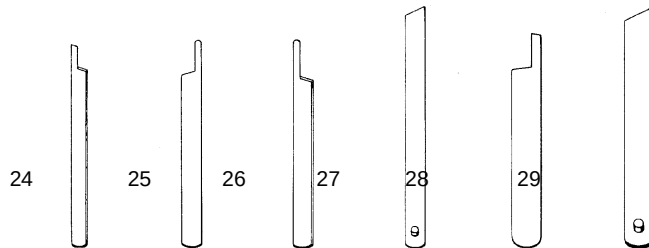
Original-No.	Article-No.	Original-No.	Article-No.
71-46 3/8	27.439	71-46 13/16	27.446
71-46 7/16	27.440	71-46 7/8	27.447
71-46 1/2	27.441	71-46 15/16	27.448
71-46 9/16	27.442	71-46 1	27.449
71-46 5/8	27.443	71-46 1 1/8	27.450
71-46 11/16	27.444	71-46 1 1/4	27.451
71-46 3/4	27.445		

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
24	42033	27505	43	164550	27384
25	42 111 CT 42 111	27377 28599	44	CT 164 550	28892
26	42 213 CT 42 213	27378 28600	45	164 026	27382
27	42 046 CT 42 046	27379 28601	46	CT 164 026	28893
28	42 305 CT 42 305	27380 28602	47	164 556	27305
29	42 309 CT 42 309	27381 28603	48	CT 164 556	28894
30	42 166	27393	49	82 264	27414
31	42 114	27394	50	CT 82 2641-30	28895
32	42 072	27997	51	107 797	27415
33	42 220	27396	52	164 037	27386
34	42 239	27506	53	164 233 164 552 164 728 CT = 164 813	27387 27456 27457 27459
35	42 472	27507	54	164 809 CT	27450
36	42 163	27407	55	164 813 CT	27459
37	147 211 276 489 (CT)	28889	56	164 045	27397
38	5730, 142 032, 52 131 5730 3/32 5730 1/8 5730 3/16	28890 28890 27462 27463 27464	57	164 055	27398
39	175 085	27405	58	164 252	27399
40	175 547	27406	59	164375	27400
41	164 308	27383	60	164 619	27401
42	CT 164 308	28891	61	101931 (87025)	27472

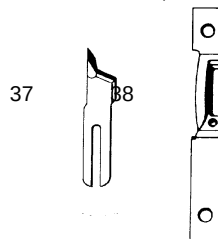
Knives HSS-Steel
Class 71-46, 48, 112, 271W 4, 271 K 14, -K 24



Class 81



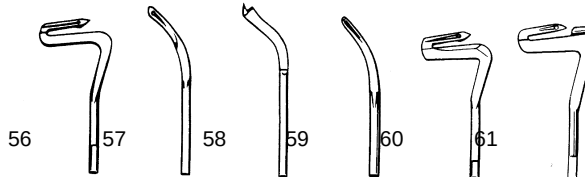
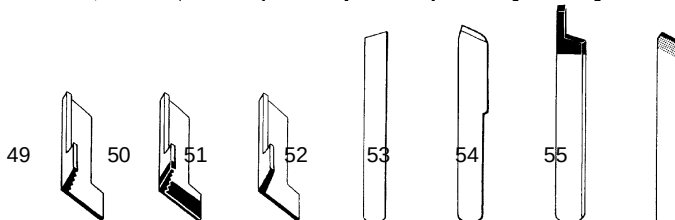
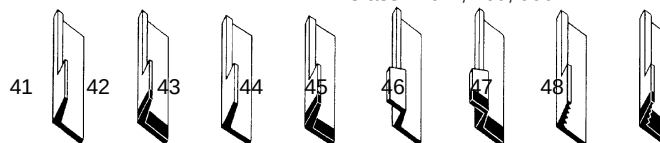
Class 96, 451K 11



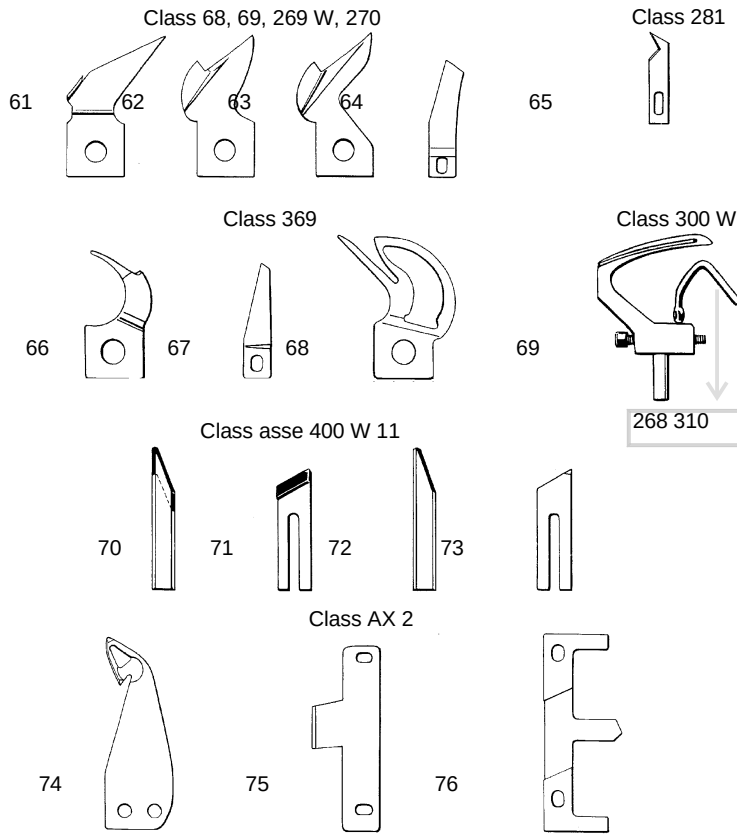
Class 175



Class 246 K, 460, 990



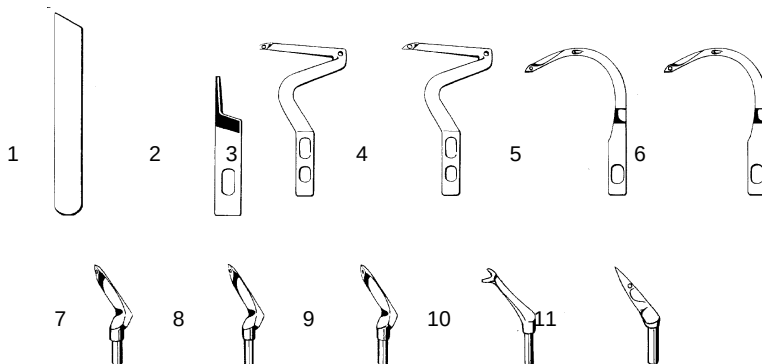
CT = knives tipped with tungsten carbide steel
no original parts



SINGER

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
61	55 459	27498	69	268 382 268 380 268 369	29070 27474 27474
62	55 458	27499	70	CT 270 616	27495
63	239 372	27500	71	CT 270 619	27496
64	239 367	27996	72	270 616	29071
65	785 780-001	27501	73	270 619	29072
66	499 919	28604	74	GU 3605 Pescke No. 19	27502
67	499 920	28605	75	GU 3606 Pescke No. 18	27503
68	239 715	28606	76	107 519	28005

Class 727, 737, 747, 757



Siruba

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	KR 35 =202 295	29073	7	LP 22	28572
2	KR 23 =201 121 A CT	29074	8	LP 24	28573
3	Class 25	29075	9	LP 26	28574
4	Class 25 A	29076	10	LP 21	29079
5	KM 04	29077	11	LP 36 A	29080
6	KM 04 A	29078			

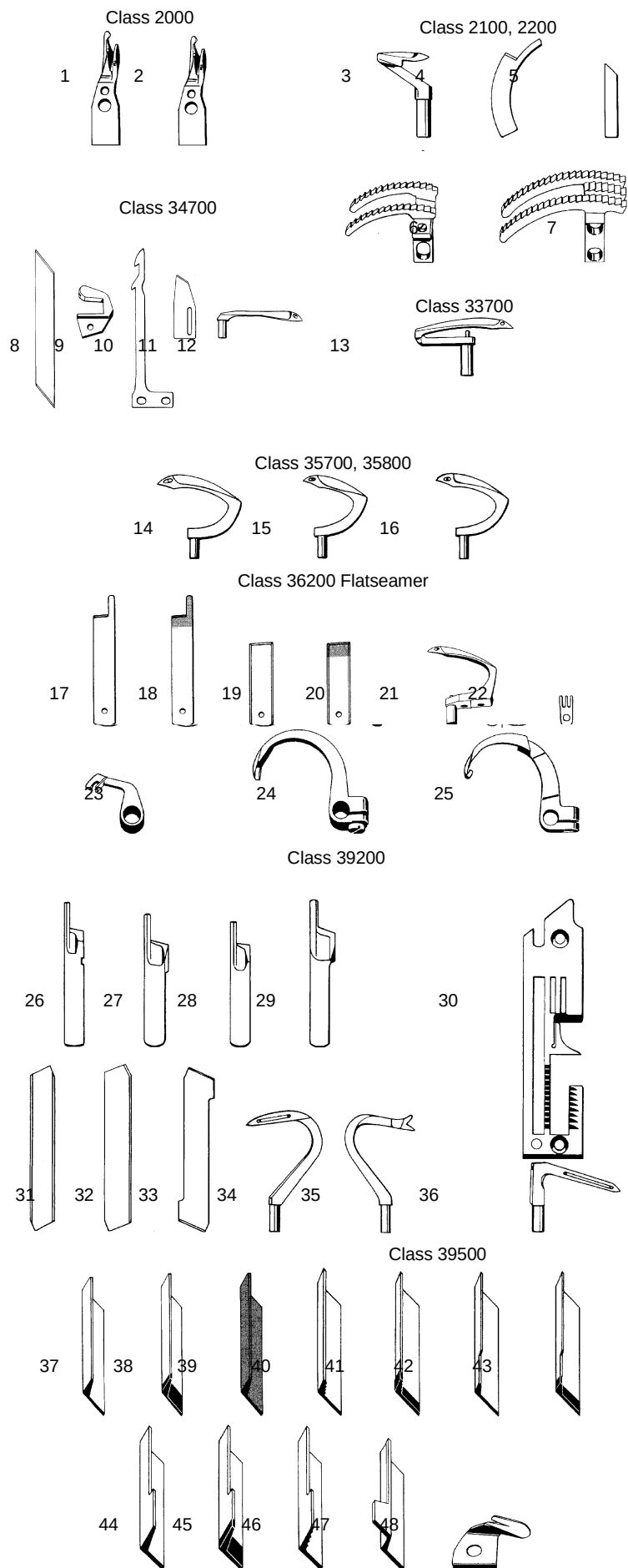
Strobel

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	VLA 48-4 (18 702 Adamson)	27688	4	18 7047 Class 141-21	29082
2	18 7053	28332	5	18 7004 Class 141-23	29083
3	18 7052 Class 560-10D	29081			

CT = knives tipped with tungsten carbide steel
no original parts

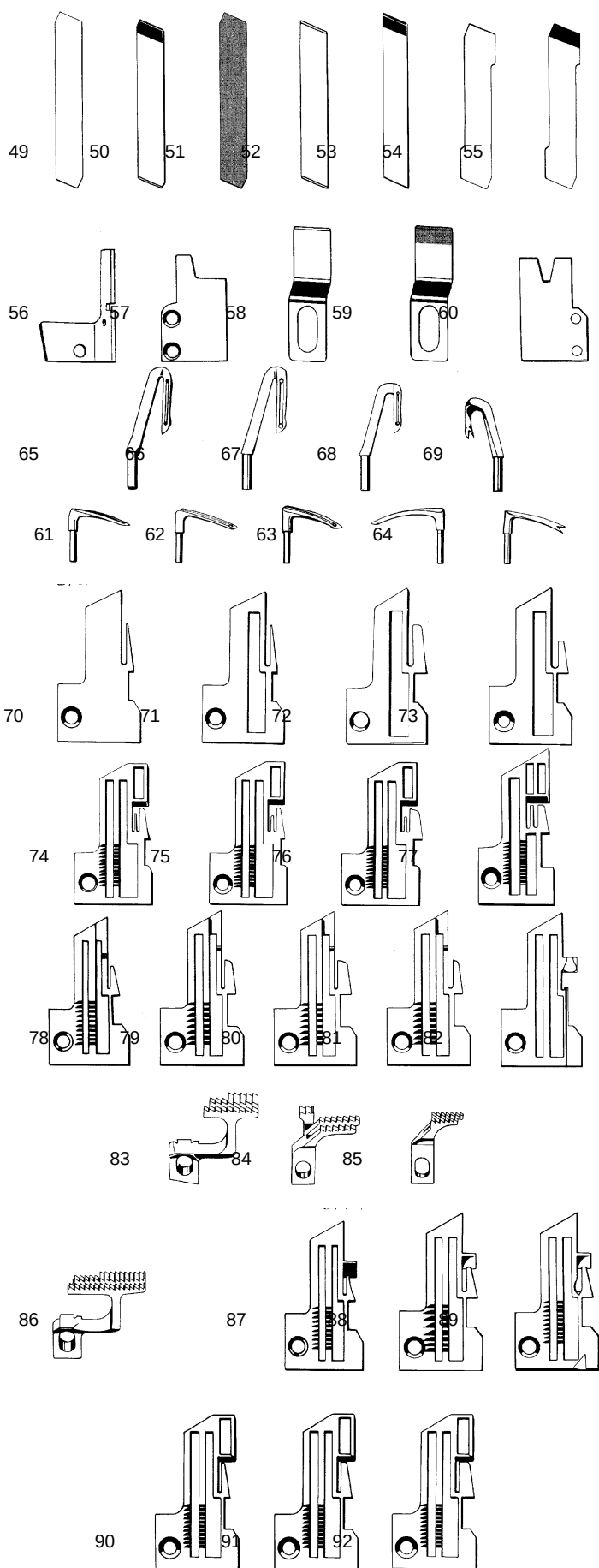
Union Special®

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	2008 K (UX)	28006	25	K 73 512 (D)	29087
2	2008 Q (UXA)	29084	26	39 270	27555
3	2108 A	27549	27	39 270 A	27511
4	2170 (AA)	29085	28	39 270 Dr. 19	27556
5	2149 (AB)	29086	29	39 270 E Class 39200/ 39600 18	27514
6	2105	28007	30	39 224 AC 3/32 39 224 AC 1/8 39 224 J 39 224 AA	27538 27539 27540 27541
7	2126	28008	31	39 249 A	27512
8	33 709 C	28009	32	39 249	27513
9	34 749	28010	33	39 249 K	27516
10	34 770	28011	34	39 208 B	27525
11	34 749 K	28012	35	39 160	27559
12	34 770 K	28013	36	39 208 AA	29088
13	34 709 (UR)	28014	37	G 39 570	27520
14	35809 AY (AV)	27530	38	CT G 39 570	28019
15	35808 AY (AU)	27531	39	39 570S C hard metal	29089
16	35809 BY (AY)	27532	40	G 39 570 A (A9181)	27561
17	36 270 HSS	27551	41	A 9392 (CT)	27618
18	CT 36 270	28015	42	G 39 570 JU (A 9259)	27560
19	36 250HSS	27552	43	CT G 39 570 JU	28020
20	CT 36 250	28016	44	39 570 J	27519
21	36 208 A	27554	45	CT 39 570 J	28021
22	36 240	28622	46	39 570 K	27595
23	36 251 E (A)	28017	47	39 570 L	27596
24	36 251 F16	28018	48	39 556 K	29090



CT = knives tipped with tungsten carbide steel
no original parts

Class 39500



Union Special®

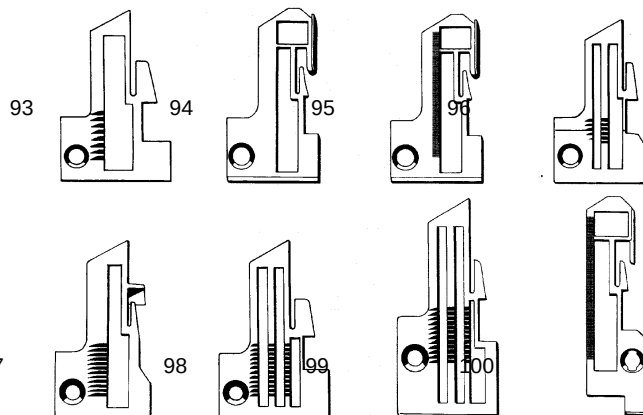
No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
49	39 549	29091	71	39 524 AB 1/8 (AX 1/8)	27621
50	G 39 549 N (A 9393) CT	27504	72	39 524 AB 5/32 (AX 5/32)	27619
51	39 549 SC carbide steel	29092	73	39 524 AC (AV)	27567
52	G 39 549 JU (A9071)	27562	74	G 39 524 AV(GB)	27537
53	G 39 549 SU(CT)	27563	75	G 39 524 AW(GC) GB 39 524 AW (HN)	27568 27616
54	39 549 J	27522	76	GA 39524 AW(HH) 5/32	27617
55	CT 39 549 J	29093	77	39 524 W (AN)	28028
56	99 669 K (GM)	28024	78	39 524 B 3/32 (V 3/32)	27545
57	99 670 L	28026	79	39 524 B 1/8 (V 1/8)	27546
58	99 669 (GC)	27564	80	39 524 B 5/32 (BH)	27623
59	CT 99 669	28025	81	39 524 P (AJ)	29097
60	99 670 (GD)	27565	82	39 524 GA (A 8924)	27620
61	39 508 B	29094	83	39 526 AW	28612
62	39 508 D	27605	84	39 505 AW	28613
63	39 508 P	28610	85	39 505 B	29098
64	39 560 B	27625	86	39 526 B	29099
65	39 508 A (CC) G 39508 A(UM)	27534 27606	87	39 524 C 3/32 (AC 3/32)	29100
66	39 508 E (CK)	28027	88	39 524 C 1/8 (AC 1/8) 39 524 C 5/32 (AC 5/32)	27615 28616
67	G 39508AV(GC) (A 9050)	27566	89	39 524 1/8 (HV 1/8)	
68	39 508 C	29095	90	GA 39 524 C 3/32 (HA)	27569
69	39 560 A (E)	29096	91	GA 39 524 C 1/8 (HB)	27570
70	39 524 AB 1/8 (AX1/8) without feeder ground	27597	92	GA 39 524 C 5/32 (HC)	27571

CT = knives tipped with tungsten carbide steel
no original parts

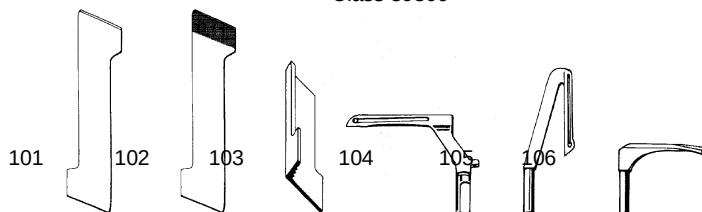
Union Special®

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
93	39 524 J	29101	113	A 9540	27611
94	G 39 524 JU (GI)	27622	114	G 51 409 C	28619
95	39 524 JU (HE)	29102	115	51 409	29110
96	39 524 D (AM)	29103	116	51 408-12	29111
97	39 524 AS (BE)	29104	117	51 408-16	92112
98	39 524 N (AH)	29105	118	51 708	29113
99	39 524 BF 1/8 (BK)	27607	119	51 709	29114
100	A 9608 B (HG)	27575	120	51 808	29115
101	39 849	29106	121	51 808A	29116
102	CT 39 849	28029	122	51 809	29117
103	39 870	29107	123	51 908 B-8	29118
104	39 808 CY	27608	124	51 908 B-9	29119
105	39 808 D(ACZ)	29108	125	51 909 C	29120
106	39 860 H	27610	126	51 909 D-9	29121
107	41 308 B	27535	127	52 770 C (B) 52 770 D (E) CT 52 770 C	27580 28032 28033
108	41 308 BX= 41 309 A	27536	128	52 749 A	29112
109	51 470	29109	129	167 L CT 167 L	27582
110	51 449	27626	130	168 R CT 168 R	27582 28035
111	CT 51 449	28031	131	169	27583 28036
112	52 949 B	28614	132		27584

Class 39500

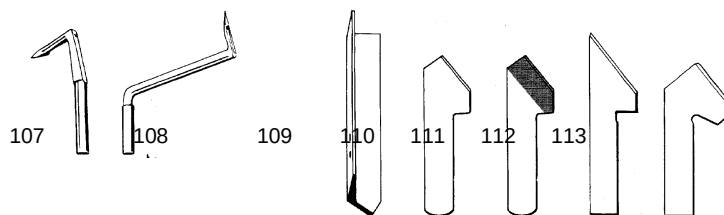


Class 39800

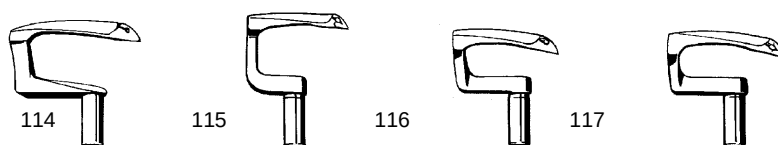


Class 41300

Cl. 51400, 52300, 52900, XF 500, LF 611



Cl. 51400, 52300, 52900, XF 500, LF 611

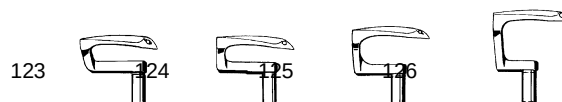


Class 51700, 56700

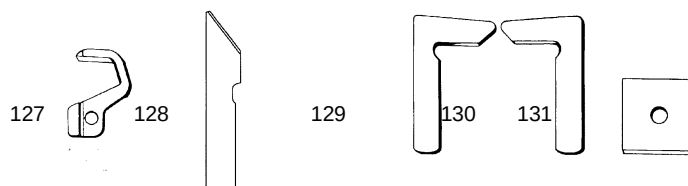
Class 51800



Class 51900, 56900, XF 500



Class 52700, 52700 BKZ Galkin



CT = knives tipped with tungsten carbide steel
no original parts

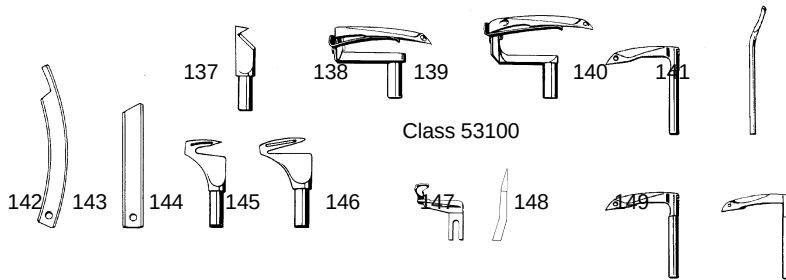
Class 57700, 57700 BKZ Galkin



Class 15400

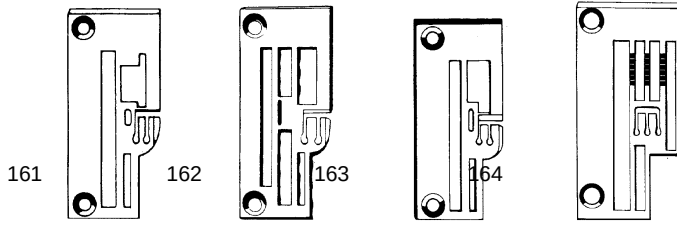
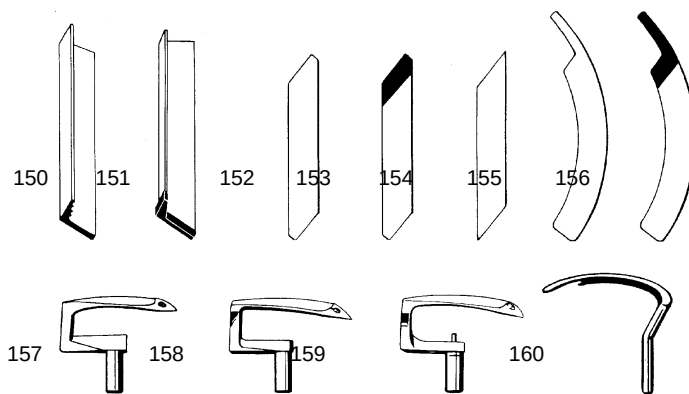
Class 53300, 53400

Class 54200, 54400



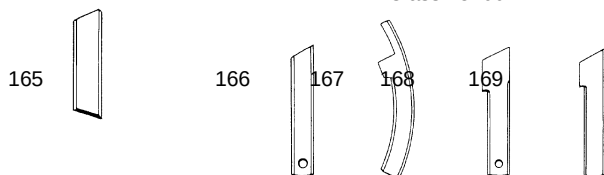
Class 53100

Class 52700, 52800, 52900, 57700, 57800

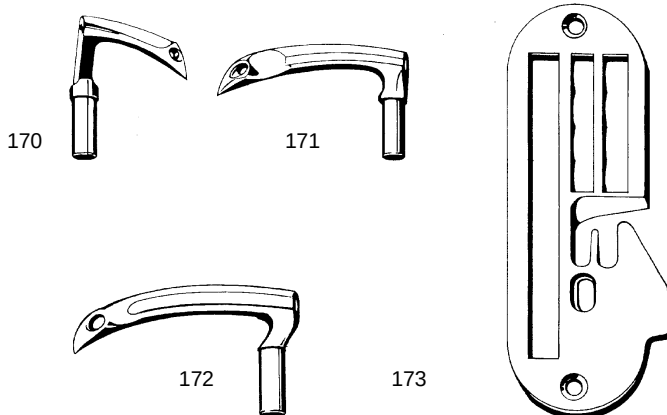


Class 75000

Class 75400



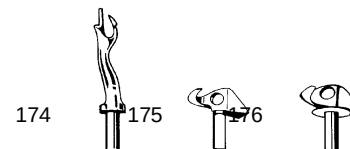
Class 81200, 80200, 80600, 80800, 81500, 81300



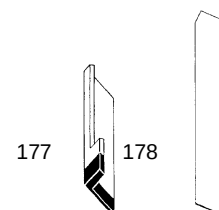
Union Special®

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132	57 770 A (D) CT 57 770 A	28038 28615	156	CT 52 970 C	28047
133	57 949 CT 57 949	28620 28617	157	52 808 E	27528
134	11 110 CT 11 110	29123 29124	158	G 52 908 B	29131
135	11 111 CT 11 111	29125 29126	159	52 708 B	29132
136	11 109 CT 11 109	29127 28091	160	52 845 A (B)= 52 945 M (F)	29133
137	15 460	27550	161	G 52 928 A 5-8	27542
138	53 407	29128	162	52 928 A 16-8	27543
139	53 409	29129	163	52 924 BH 5-8	27629
140	54 208 B	29130	164	C 52 824 N-16	29134
141	54 211 A	28618	165	75 049	27589
142	15 470	27509	166	75 449	27508
143	15 449	27510	167	75 470 LA	27590
144	15 408 A	27523	168	75 449 LA	27591
145	15 408 G	27524	169	75 449 LB 75 449 LA	27592
146	G 53 170 R	27586	170	AS 26 XA	27600
147	9 949 AR	27587	171	81 208	27601
148	54 208 (BZ)	27612	172	81 508	29135
149	54 208 A (CB)	27613	173	81 224 AB	27604
150	52 970 E	27632	174	36-16 Class 150	29136
151	A 9464= 52 970 D (CT)	27628	175	36-19 Class 160-20	28051
152	52 949 A	27518	176	36-21 Class 200	28052
153	CT 52 949 A	28046	177	140 242-001 CT	27593 27753
154	52 949	27630	178	39 549 CT=G 39 549 N	27754
155	52970 C	27631			

Lewis



Columbia 660



CT = knives tipped with tungsten carbide steel
no original parts

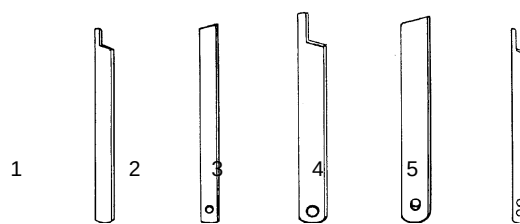


No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	1662	27633	13	D 110-10 313-870-003 CT D 110-10	27640 27640 28063
2	1657	27634	14	D 119-10 CT D 119-10	27641 28064
3	1662 A	27635	15	D 110-8 A 313-870-015 CT D 110-8 A	27642 27642 28045
4	1655	27636	16	D 119-7 313-870-002 CT D 119-7	27643 27643 28066
5	5350	27637	17	441 031 313-870-005 (CT)	27661
6	3544 A HSS 312-870 003	27638	18	442 001 313-810-012	27649
7	CT 3544 A 312-870-004	28053	19	D 60-3 313-810-010	27648
8	3543 HSS 312-870-001	27639	20	D 80-4 313-810-001	27647
9	CT 3543 312-870-002	28054	21	D 250-17 B	27662
10	32823 A 312-810-001	27644	22	D 250-18 A 313-801-025	27663
11	3018 D 3019 312-800-027	27645	23	D 250-39 313-801-036	27650
12	3018 312-800-026	27646			

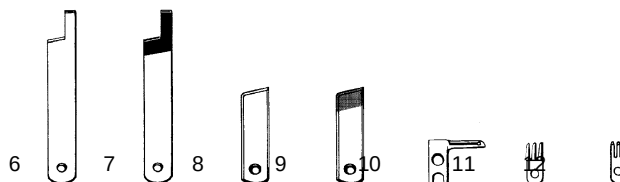


No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	69 085	29137	7	CT 68 121 CT 36 250	29143
2	69 084	29138	8	68 217=	29144
3	69 086	29139	9	68 491=	29145
4	68 184 36 270 HSS	29140	10	68 123=	29146
5	CT 68 184 CT 36 270	29141	11	68 124=	29147
6	68 121 36 250 HSS	29142	12	68 124 SF K 73 512 (D)	29148

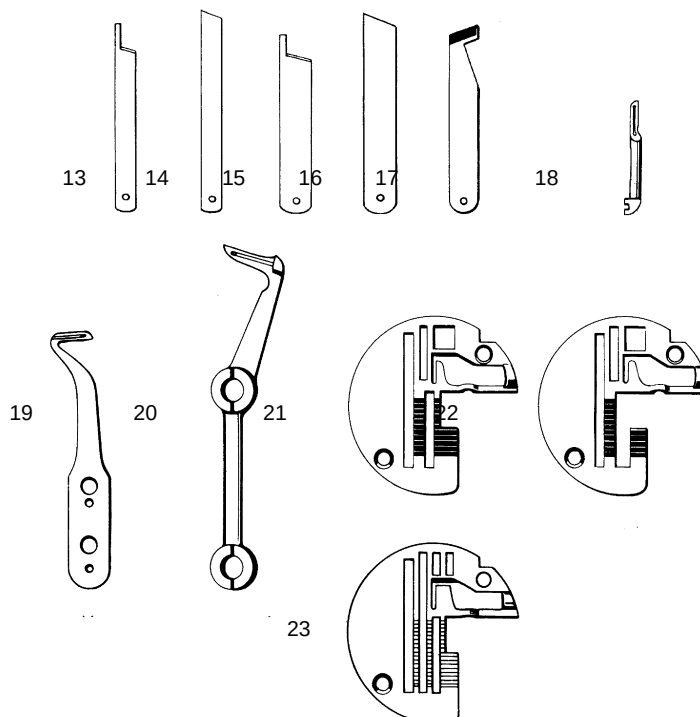
Overlock



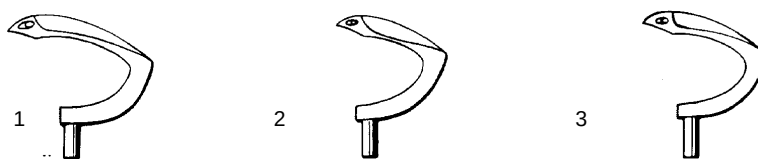
Class 1301,1311 Flatlock and Feldlock



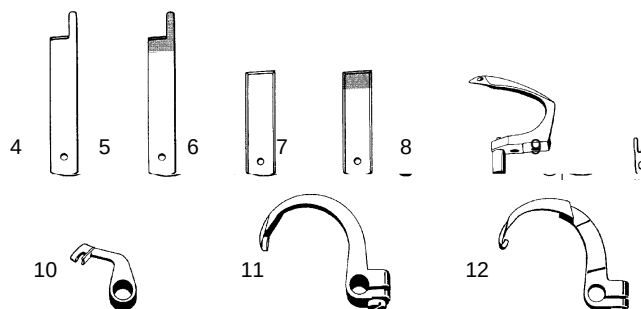
Class 800,1412 Superlock



Class DT30



Class FD-62 Flatseamer



CT = knives tipped with tungsten carbide steel
no original parts

CB 201-234
CB 501-544

13



CM-263
CM-268

14



Class 46, 47

15



Class DCZ 203, 220, 222
DC, DCY, DCZ 331, 341, 361, 428, 520, 521
Z 830, 831, 833, Z610

16



17



18



19



20



21



22



23



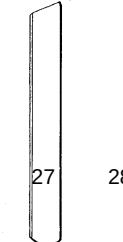
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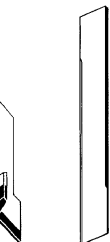
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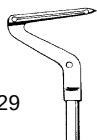
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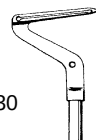
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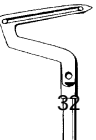
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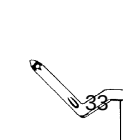
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31



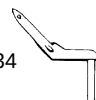
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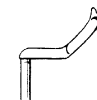
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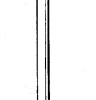
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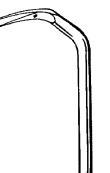
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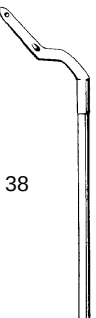
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37



38



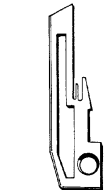
39



40



41



Class Z1000, ZF 1000, Z 1500 Series
Z 2000, Z 3000, Z 5000, Z 6000 Series
AZ 6000, AZ 8000, AZ 8500 Series
AZF 8400, AZF 8600 Series

42



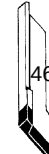
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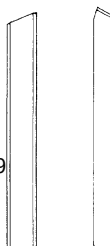
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48



49

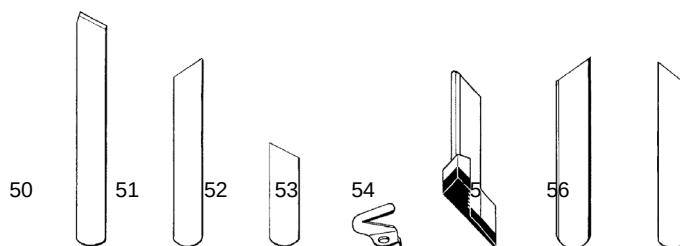


No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
13	85 168	29157	32	35 227 32 539	27746
14	80 413	28656	33	34 730 34 599	28070
15	15 487 Keramik	29149	34	32 807	27740
16	37 514	27736	35	32 813	27747
17	CT 37 514	28067	36	33 059	27742
18	37 538	27737	37	31 877	28659
19	CT 37 538	28068	38	34113	27739
20	Y 37 301	29150	39	34 519	29153
21	Y 37 302	29151	40	34 584	28661
22	38 332	27738	41	35 856	28662
23	32 914 (CT)	27743	42	CT 20 491	27761
24	30421	27735	43	20 491	27760
25	CT 30 421	28069	44	CT 20 491 G	29154
26	35 285	27758	45	202 0003 (CT)	29155
27	35 286 35 211 (CT)	27744	46	20 496 (CT)	27762
28	35 897 Class DCZ 428K	29152	47	23 580 (CT)	29156
29	34 392 32 790	28657 28658	48	20 498	27763
30	34 393 32 415	27759 27741	49	22 195	27777
31	32 541	27745			

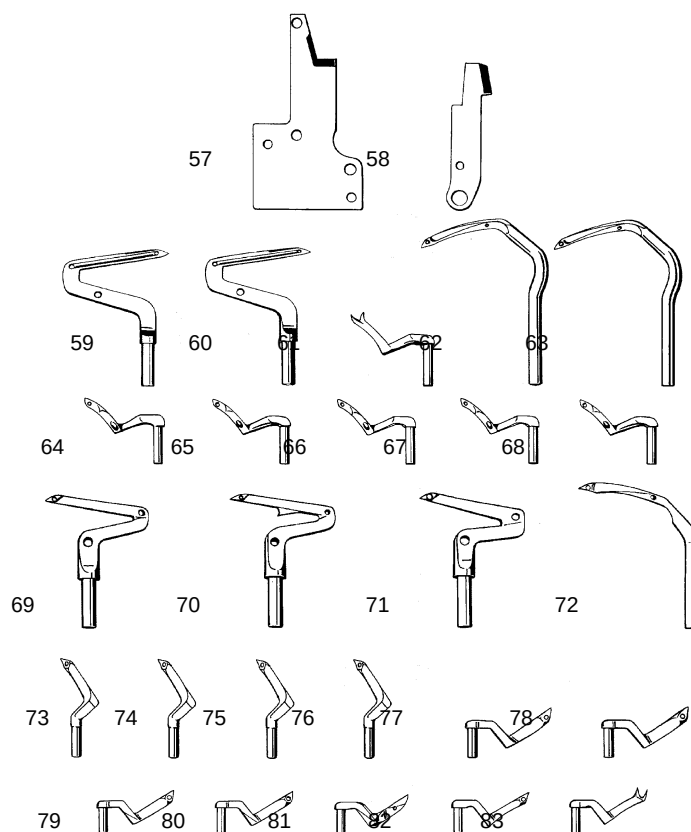
CT = knives tipped with tungsten carbide steel
no original parts



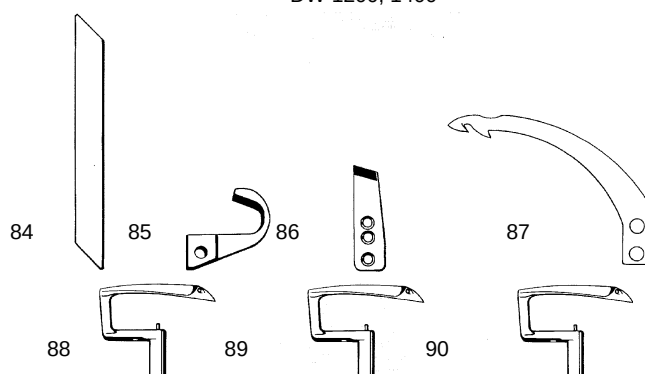
Class Z1000, ZF 1000, Z 1500 Series
Z 2000, Z 3000, Z 5000, Z 6000 Series
AZ 6000, AZ 8000, AZ 8500 Series
AZF 8400, AZF 8600 Series



No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
50	23 582	28664	72	210 9302	29168
51	2100 167	28665	73	210 9301	29169
52	211 0305	29158	74	210 9303	29170
53	202 71	29159	75	210 9304	29171
54	212 1107 (CT)	29160	76	210 9305	29172
55	212 1111	29161	77	210 9320	29173
56	210 1091	29162	78	210 9322	29174
57	211 1055 (CT)	29163	79	210 9324	29175
58	211 1056 (CT)	29164	80	210 9326	29176
59	21 701	27778	81	210 9341	29177
60	21 757	27779	82	210 9342	29178
61	21 752	28666	83	210 9328	29179
62	25 046 20 378	28667	84	95 277	29180
63	20 577	28668	85	95 276 (CT)	29181
64	21 756	28669	86	94 417 (CT)	29182
65	21 700	28670	87	95 399	29183
66	27 012	28671	88	94 880	28676
67	27 013	28672	89	95 499	28677
68	21 754	28673	90	94 480 93 310	28678
69	210 9300	29165	91	66 601	29184
70	210 9308	29166	92	66 621	29185
71	210 9331	29167			



Class DV 1200, 1400
DW 1200, 1400

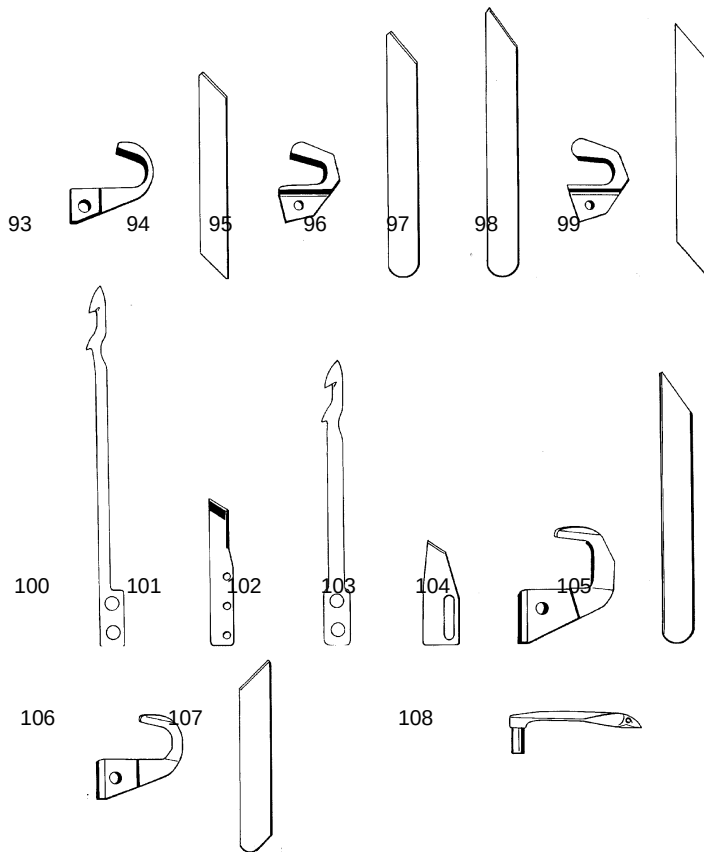


Class DW 1802, 1804



CT = knives tipped with tungsten carbide steel
no original parts

Class VC 2400, 2600, 2700, 3600, 3800

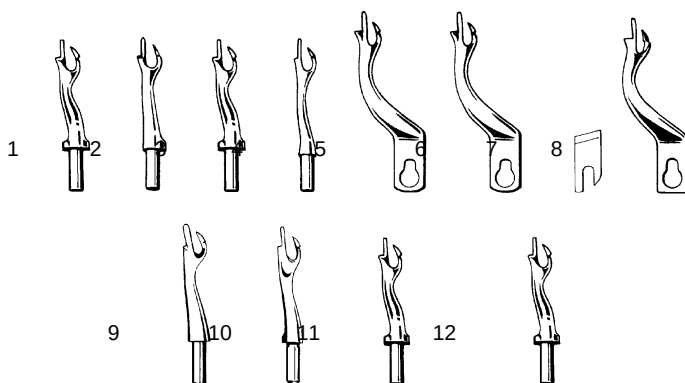


Yamato

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
93	95 276 (CT)	29186	101	3120150 (CT)	29194
94	320 1062	29187	102	3100513	29195
95	3101465 (CT)	29188	103	3100512	29196
96	3101633	29189	104	3120015 (CT)	29197
97	3101607	29190	105	3120016	29198
98	3101028 (CT)	29191	106	3110037 (CT)	29199
99	3101026	29192	107	3110038	29200
100	3120151	29193	108	3109300	29201

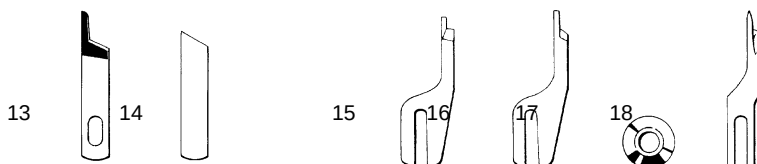
Others

Blind stitch sewing machines



Bernina(Bernette)

British United Shoe Machinery, Co.



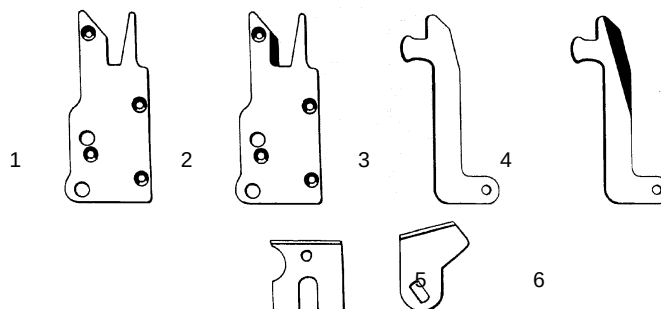
No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	Brother Class CM2-B931 No. 110 121-001	29202	10	Strobel 18 7053	29206
2	Columbia 36 C 22-1	27721	11	Treasure 11 837 (T830) Class BS 800, 808, 810-819,830-844 860-863 =Mauser Class 68-16211-01 Class 68-17321-01	29207
3	Lewisd 36-16, Class 150	29203	12	Yamato 80 413 Class CM-263, CM-268	29208
4	US 3430-22	27722	13	501 434 03 (CT) Class 334, 335	29209
5	Maier Unitas V 220 111 Class 120 to 251	27723 27724	14	501 454 03 Class 334, 335	29210
6	Maier Unitas 232 111 V 252 111 Class 232,242,342, 252,352	2321112 9204	15	KZG 502 E	27749
7	Maier Unitas V 14	28071	16	KZG 757	27750
8	Dearborn 401 073 400 041 (937)	27687	17	KZG 1076	27751
9	Strobel VLA 48-4 (18 702 Adamson)	29205	18	KZG 295 E	27752

CT = knives tipped with tungsten carbide steel
no original parts

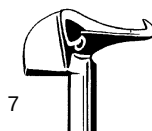
Others

No.	Original-No.	Article-No.	No.	Original-No.	Article-No.
1	01-4434-01 for Union 39500/39600 W&G 504/514 CT=12 711	28072	13	JK-R, VB-R low right	27677
2	12 711 (CT)	29211	14	JK-L, VB-L above left	27678
3	01-4435-01 for Union 39500/39600 W&G 504/514 CT=12 712	28073	15	JK-L, VB-L low left	27679
4	12 712 (CT)	29212	16	wide looping knife right above	27680
5	01-3641-01 for Singer 212	28076	17	wide looping knife right low	27681
6	01-5588-01 for Union 35700/35800/ 36200	28077	18	wide looping knife left above	27682
7	Metz	29213	19	wide looping knife left low	27683
8	Diamant FR CT Diamant FR	27755 27756	20	Sotco above No. 514	27684
9	525 W Class 30-A	27652	21	Sotco low No. 510 S	27685
10	113	27695	22	AM 80	27757
11	110	27696	23	8509-7.10 81000669 81001127	27780
12	JK-R, VB-R above right	27676	24	8509-8.3 81000670 81001126	27781

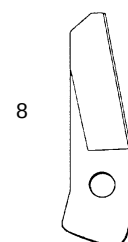
Clinton



Metz



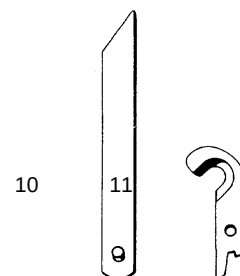
Diamant FR



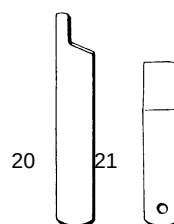
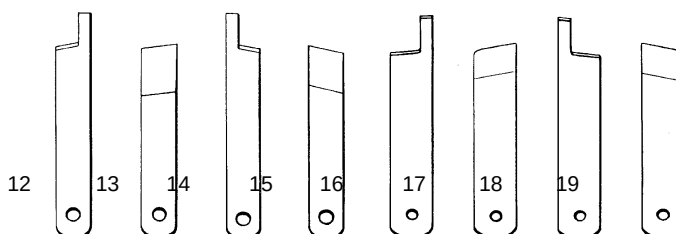
Metropolitan



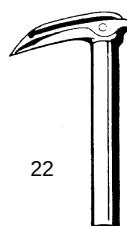
Peerless



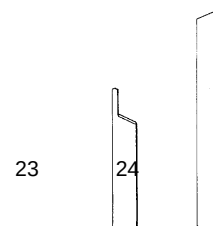
linking machines (Kettma, Boettger, Sotoco, usw.)



AM 80

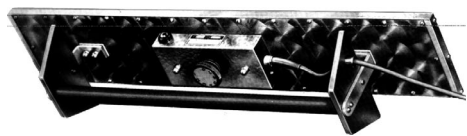


Textima Class 8515



CT = knives tipped with tungsten carbide steel
no original parts

Ironing accessories from



6110 - 6110/1

6110 Heatseal - Iron for fast and uniform ironing of heatseal-paper, with set-up system for lateral tilting of the ironing plate. Shoe size 750 x 150 mm, connected load 220 Volt, capacity 2,000 Watt, weight approx. 4.5 kg. Drawn ironing-shoe made of hard aluminium alloy. Uniform and fast heating of the ironing-shoe by two tube radiators with high connected load. Precise heat regulation from 60° to 230° C by thermostat, indicated by signal lamp. Light weight, thus easy handling. Optimum shoe size for ironing of wide layers. Connection cable and piece for protection of cable, made of silicone rubber. Long insulating handle, easily accessible from all sides. Quick and easy exchange of thermostat and tube radiators.

6110/1 Heatseal-Iron as 6110, but capacity 3,000 Watt.

6110/2 Thermostat for heatseal iron No. 6110/1

6110/3 Heating resistor 1.000 W for heatseal iron

6110/4 Thermostat for heatseal iron No. 6110



6156

6156 Steam Iron with heat refusing cork handle, temperature can be regulated by thermostat 0 - 235° C, iron sole 10 x 20 cm, weight 1,4 kg, alternating current 220/240 Volt, 50 cycles, capacity 800 Watt.



6103



6106

6103 Pad for irons, red, silicone coated, size 230 x 140 mm.

6106 Cleaning stick for fast and safe cleaning of iron soles or other hot faces. Put the stick onto the hot face, have effected it for some seconds, and then rub off with a dry, rough rag. In case of resistant stains, repeat the operation. Available per 10 sticks.



6107

6107 Cleaning Paste for fast and safe cleaning of iron soles or other metal faces of presses. Put the paste onto the hot place with a soft rag in circular movements, and then rub off with a clean rag.



6114



3499

6114 Cleaning Pads, of fine steel wool, for removing residues from iron soles or plates.

3499 Ironing gloves, with thick foam rubber and PVC filler, oval shape.



6092 Temperature measuring strap, for simple but exact checking of fixing temperature between upper fabric and filler during the fixing operation. Available in boxes of 40 straps; measuring range 104° to 143° C.

6093 Temperature measuring strap as 6092, but measuring range 143° to 182° C.

6094 Temperature measuring strap as 6092, but measuring range 182° to 224° C.



6092-6094

Correct equipment of ironing tables from



6096 Precision Spray Gun for wetting garments and cut cloths during ironing. Corrosion -proof, fine and uniform jet, low water consumption, on/off switching without dropping, handy shape, connection to all water pipes, nozzle hole 0.5 mm, without tube nipple.

9094 Spray Bottle of approx. 530 ccm, for oil, water, or other liquids.

6157 Lining Spraying Device for lining place, for ironing fabrics which are sensitive for brightness, consisting of gun, pressure valve with manometer, water tank inclusive tubes. extra-stand with returning spring for gun.

6157/1 Lining Spraying Gun for lining place 6157.

9084/1 Silicon - deviding material with high intensity, type Baysilon in spraying bottles of 300 g.

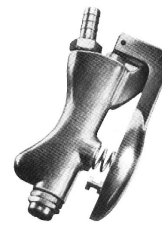
9099 JOMRO Slide - Spray, in spraying bottles of abt. 520 g contents. A slide spray with outstanding features: it smoothes without greasing, it is rust and dirt rejecting, it is clear as water, it does not effect colours, it does not leave spots or stains. Example for application: for smoothing sewing machines or cutting tables, or any other table, for smoothing band knives, percussion knives, circular knives, for smoothing iron soles, for smoothing slide bars and conveyors, for smoothing sewing machine needles, for other purposes.

These JOMRO Spray can be supplied with neutral label, too, Artikel-No. 9099N

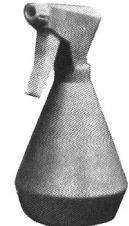


4205 Streckfix- (bur)-material, perforated, without connection piece, prevents the lateral rolling-off of flat knitted goods at steam tables, steam dummies or fixing plants.

4208 Bristle case for ironing of velvet and filmy fabrics.



6096

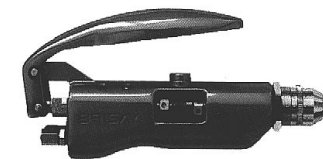


9094

BRISAY



6157



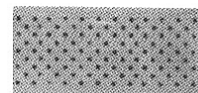
6157/1



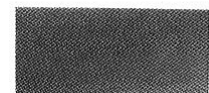
9084/1



9099

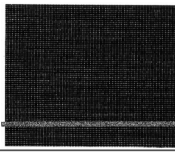


4205



4208

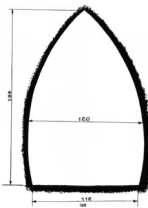
Cover for ironing tables for all brands



4210



6091/1-9



Drawing for iron soles



9271/9272



9243

Please note our new ironing set

4210 Nylon cover for ironing tables as upper cover, brown, 150 cm wide.

4211 Polyester wire grate, 150 cm wide, as intermediate ply directly under the upper cover, prevents displacing of the pads.

4212 Polyester felt as pad, 6 mm thick, 140 cm wide

4213 Silicone foam, anthracite, solid, as padding, 6 mm thick, 130 cm wide.

Teflon Iron Soles, with heavy frame of aluminium, reinforced sole, with retaining spring. Avoids sheen and burning, particularly for delicate fabrics. Of course, we are supplying as well iron soles for all other brands of iron. In case of need please send us a pasteboard pattern, indicating exactly the required measurements. Please note our example below.

Article-No.	Suitable for:	Article-No.	Suitable for:
6091/1	Aqua-Steam	6091/5	Cissel
6091/2	Veit HD 2000	6091/9	Hoffmam EDM 2
6091/4	Bishomatic	6091/12	Iron Master

Table 37

9271 Silicon - Cleaner Rollax - Powder in tins of 250 g, for cleaning of thermoplastic rests of adhesives substances. Rollax contents highly viscous silicon, which guarantees a complete remove of rests of adhesives substances.

9272 Silicon-cleaner, like 9271 however as a spray. Contents of bottle: 420 g.

9243 Matting Brush of horsehair and brass wire, 350 x 84 x 28 x 20 mm, for gloss removing on all cloths.

4209 Ironing set with important help for right ironing. The ironing set consists of the following articles:

- **Aerofit** for preventing stripes on the material to be ironed. It can be cut into corresponding sizes and is to be put between iron sole and frame sole, thus ensuring that the steam is better spreaded out. Available in meters, 101 cm wide.

- **Prefit fine**, to be applied as underlay material when ironing pocket flaps and lapels, thus preventing marks on the material. Available in meters, 105 cm wide.

- **Needle fabrics** will be put with the needles onto the velvet and velours to be ironed, thus preventing marks. Available in meters, 150 cm wide.

- **Needle woven fabrics** as well as needle fabrics against gloss in those cases where the needles leave marks on the material. Available in meters, 150 cm wide.

- **Anti-gloss-spray-set** to be sprayed onto the material to be ironed and afterwards treated by dry steam. The set consists of 2 sprays per 250 ml and 1 spraying bottle of 100 ml.

Tagging guns and accessories from



6305/S Model Quicky, shock resistant plastic housing and robust mechanics; the form is tuned to the natural bearing of hand and arm, during the work, complete with combi needle 6322/1.
6305/X Model Quicky-F, as 6305/S, but complete with extra-fine combi-needle 6322/2.

6304/S Model Quicky, as 6305/S, but pistol-shaped, complete with combi-needle 6322/1.

6303/X Model Quicky-F, as 6305/X, but pistol-shaped, complete with extra-fine combi- needle 6322/2.

6300/S Model Bano'k 303-S, standard, pistol shaped, especially cheap type, complete with needle 6321/1.

6300/X Model Bano'k 303-L, long, as 6300/S, but with needle 6321/3.

6300/L Model Bano'k 303-X, fine, as 6300/X, but with needle 6021/4.

6307 Model System 1000 for quick pricing of lying goods. There is no need to refill the magazine permanently.

6306/S Electro Bano'k Type II-S, standard, electric tagging machine with rechargeable "DC" batteries (loading time abt. 10 hrs). Fitted with perfect pressersystem, preventing that the plastic tags will not be short totally through the material. Complete with needle 6321/1.

6306/L Electro Bano'k Type II-L, long, as 6090/1, but complete with needle 6321/3.

6302/X Model Squasso 233-S, fitted with improved cutting device and therefore of first class quality, with standard needle No. 6321/2.

In case of defective tagging guns you should use the advantage of our quick and reliable repair service.



T-end plastic tags, suitable for use with all standard tagging guns, with a thin transversal web on both ends. The tags of abt. 25 mm length are especially suitable to pleat hangings and curtains as well as for bundling stocking and gloves etc. Packing unit: 5,000 pieces.

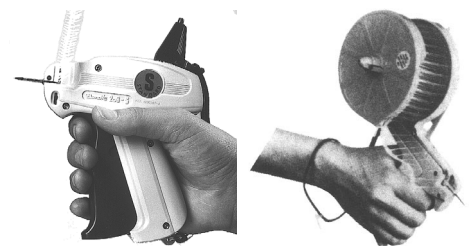
6044/1 T-end plastic tags, length 25 mm, Colour white

6044/2 T-end plastic tags, length 235 mm, Colour white



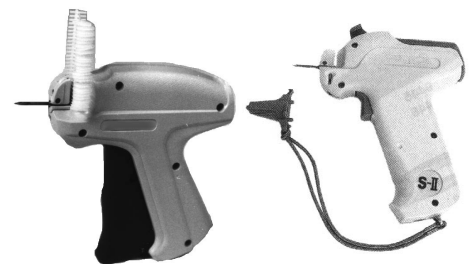
6305

6304 / 6303



6300

6307



6302

6306

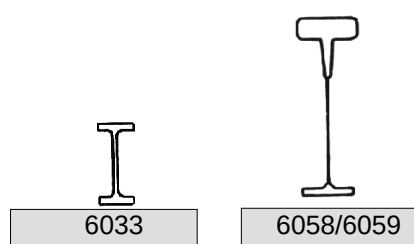
Plastic Tags in all measurements

Article-No.	Length	Colour
6086	13 mm	white
6087	20 mm	white
6088	40 mm	white

Plastic tags only for System 1000

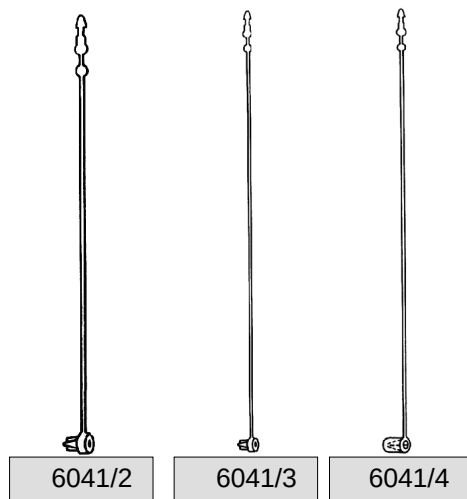


6044/1



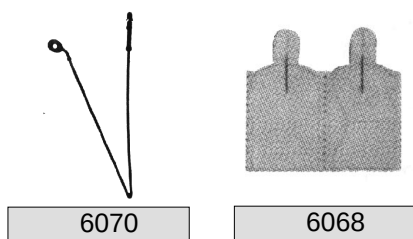
Extra-fine plastic tags, suitable for use with tagging guns for extra-fine tags, for example our models Quicky-F and 303-X, 303-XI, 233-X. Extra-fine plastic tags are used for sensible materials, e.g. silk, rayon, laundry of synthetics, extra-fine knitting and hosiery goods, etc., „Paralelo“-type.

Article-No.	Length	Colour	Packing unit
6033	7 mm	white	10,000 pcs.
6058	20 mm	white	5,000 pcs.
6058/1	20 mm	red	5,000 pcs.
6059	45 mm	white	5,000 pcs.
	60 mm	white	5,000 pcs.



Security tags to fasten labels on leather, furniture, electric devices, shoes etc., also suitable to keep shoes etc. together in pairs.

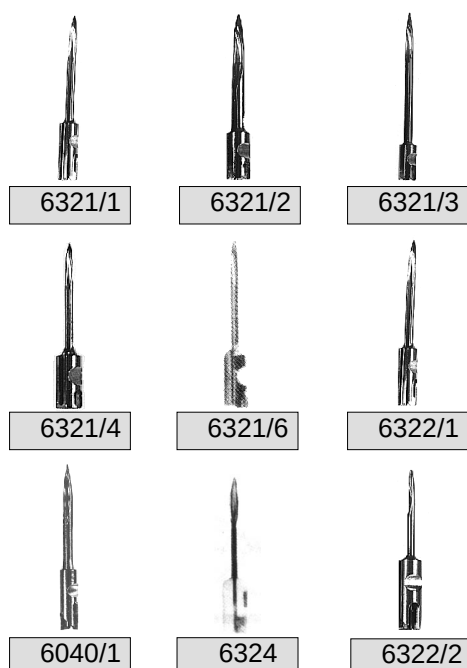
Article-No.	Length	Colour	Packing unit
6041/2	75 mm	white	5,000 pcs.
6041/3	120 mm	white	5,000 pcs.
6041/4	220 mm	white	5,000 pcs.



6070 Plastic security tags for fixing labels on leather goods, furnitures, shoes etc., type V-Lox No. 5. New is the plastic ball, which guarantees a well-arranged positioning of the label, no sliding possible. Length to be used: abt. 55 mm, white

6068 Sticking labels Fina, pasteboard, at one side white, with pointed needle out of refined wire, with blue edges and guide lines, perforated, Size 24 mm. x 35 mm, Packing unit: 5.000 pieces.

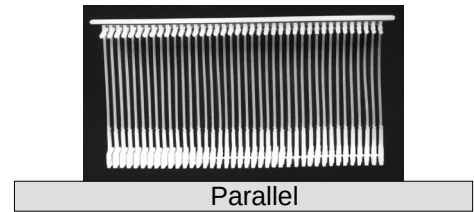
Spare needles for tagging guns



Spare needles for tagging guns

Article-No.	length (mm)	penetration (mm)	thickness (mm)	suitable for	suitable for tagging gun
6321/1	29	20	1,9	Standard	203 S, 303 S, 233 S
6321/2	29	20	2,4	Carpets	203 S, 303 S, 233 S
6321/3	38	30	1,9	Standard	203 L, 303 L
6321/4	25	15	1,3	fine fabrics	203 X, 303 X, 233 X
6321/6	26	16	1,3	fine fabrics	203 X, 303 X, 233 X
6322/1	35	20	1,9	Standard	Quicky
6322/2	27	15	1,3	fine fabrics	Quicky-F
6324	30	20	2,0	Standard	System 1000

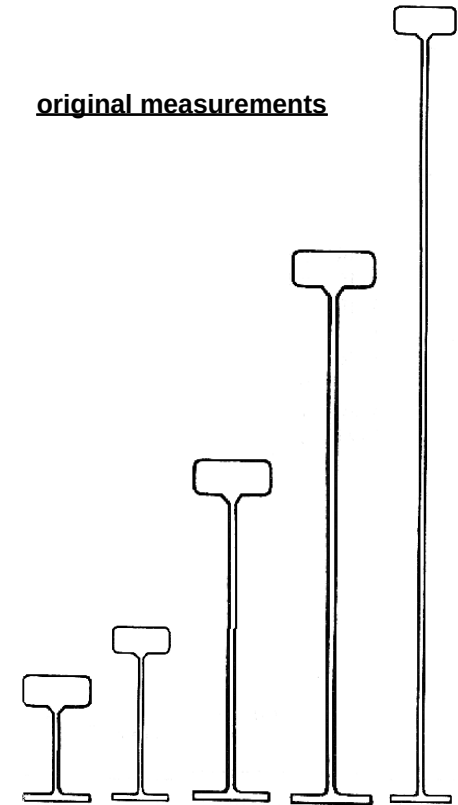
Plastic tags standard type, suitable for use with all standard tagging guns, for example our models Quicky, 103 Q-S, 203 S and 203 L. The plastic tags of about 40 mm, 65 mm and 130 mm length are supplied as „Paralelo“ type. The patented head-to-head connection guarantees that the plastic tags can neither be mixed up in the box nor in the tagging gun. The result: time-saving, no losses in material and easier working. (In case of the standard plastic tags of abt. 13 mm and abt. 25 mm length the connection „Paralelo“ is not necessary). Packing unit 5,000 pieces.



Article-No.	length	colour	Article-No.	length	colour
6200D1	13	white	6206D1	40	white
6200D2	13	blue	6206D2	40	blue
6200D3	13	yellow	6206D3	40	yellow
6200D4	13	green	6206D4	40	green
6200D5	13	red	6206D5	40	red
6200D6	13	black	6206D6	40	black
6202D1	20	white	6208D1	65	white
6202D2	20	blue	6208D2	65	blue
6202D3	20	yellow	6208D3	65	yellow
6202D4	20	green	6208D4	65	green
6202D5	20	red	6208D5	65	red
6202D6	20	black	6208D6	65	black

Packing unit: 5,000 pcs.

6043 Double plastic tags suitable for use with all standard tagging guns as for example our models Quicky, 103 Q-S and 203-S, extremely high security against the exchange of price tickets at high quality fur and ready-made clothes. Packing unit: 5,000 pieces.

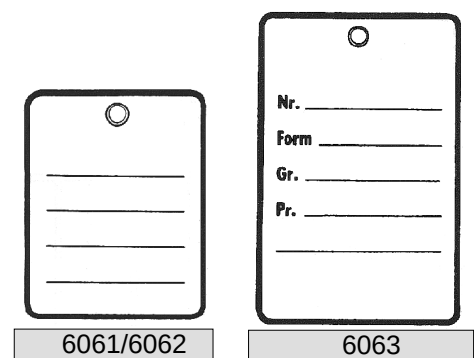
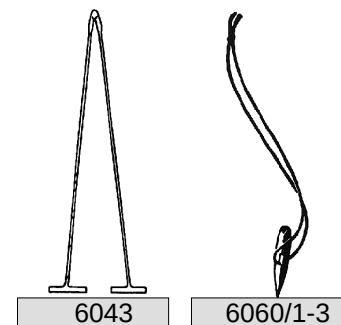


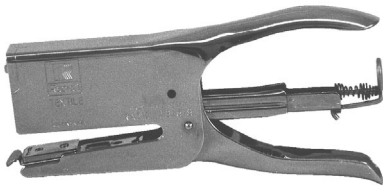
Nickel-plated split pin, bundled at 100 pcs., minimum quantity 5,000 pcs.

6060/1 8 cm double long thread
6060/2 12.5 cm double long thread

Labels of double-sided white, smooth pasteboard, with eyelet, to be fastened with tagging guns, resp. with thread for the manual attachment. Packing unit: 1,000 pcs.

Article-No.	Measurements (mm)	Description
6061	40x50	with eyelet
6061/2	40x50	tied with 8 cm, double long thread and nickel-plated split pin
6062	48x65	with eyelet
6062/2	48x65	tied with 8 cm, double long thread and nickel-plated split pin
6063	50x75	with eyelet
6063/1	50x75	tied with 12 cm, double long thread





6049

6049 Stapling Pliers, solid and very handy design, nickel-plated, gap of 65 mm, for quick fastening price or quality labels, or any other labels onto fabrics. Clips can be removed easily without damaging the fabric.

6050 Clips, legs of 6 mm, in boxes of 10,000 pieces

6051 Clips, legs of 8 mm, in boxes of 10,000 pieces

Chade marking devices for various purposes



6066

6066 Chade marking devices or marking cuts resp. single parts which belong together with size- indication (up to 3 digits) and continuous numbers (up to 999) on selfadhesive labels 6067. Each two labels are provided with the same continuous number. Other types upon request.

6066/1 Ink pads for chade marking devices No. 6066



6015/1+3

6015/1 Chade marking devices "Interben" for 4 fix and 3 continuous numbers, for lables 26 x 12 mm. This devices consists of:

- high safety ability
- good reading of the continuous numbers
- high lable velocity

6015/3 Chade marking devices "Interben" for 2 fix and 4 continuous numbers.

6015/5 Ink pads for chade marking devices "Interben".



6069 Adhesive labels for laser/inkjet printers, measurements: 30 x 38 mm, content of 100 sheets 4800 labels.

6069/1 Adhesive labels for laser/inkjet printers, measurements: 35 x 53 mm, content of 100 sheets 3000 labels.

6069/2 Adhesive labels for laser/inkjet printers, measurements: 42 x 67 mm, content of 100 sheets 2000 labels.

The adhesive lapers
for your laser/inkjet printer

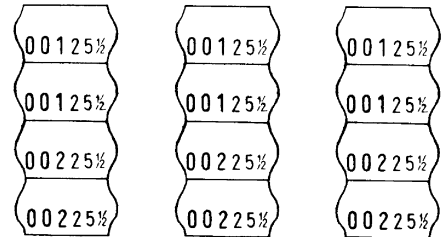




Self-adhesive labels in all colours and sizes

Adhesive labels with different measurements, colours and adhesive power.

Article-No.	Measurements (mm)	Colour	adhesive power
6018/1	26 x 12	white	light
6019/1	26 x 12	white	normal
6020/1	26 x 12	white	strong
6067/1	22 x 12	white	textile no. 4
6067/2	22 x 12	white	textile no. 4
6067/3	32 x 19	white	textile no. 4



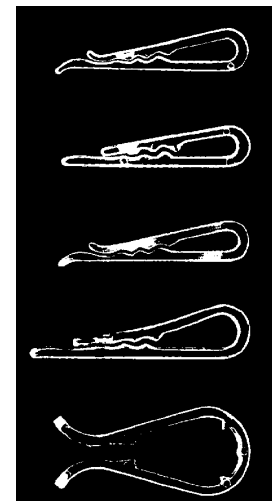
6869/3 Garment clamps of transparent plastic, forms as per illustration, total length abt. 37 mm

6869/4 Idem, total length 37

6869/6 Idem, total length 37

6869/7 Idem, total length 42

6869/9 Idem, total length 40

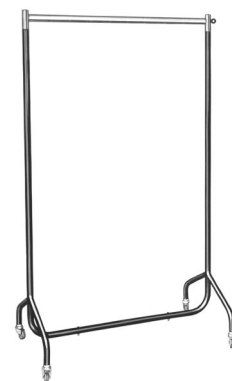


6869/3-4-6-7-9

2282/4 Mobile garment stand out of tube of 32 mm.dia., brown varnished, carrying bar of oval tube 35 x 20 x 2 mm, chrom-plated, extension 30 cm long, 4 ball-bearing rollers with rubber coat, width of feet 55 cm, height of hanging bar 170 cm, length of stand 170 cm.

2282/6 Journey garment stand, foldable, can be adjusted in height, tube of 25 mm dia. varnished brown, carrying bar of oval tube 30 x 15 mm, with two extensions, 100 cm long, adjustable in height from 110-170 cm.

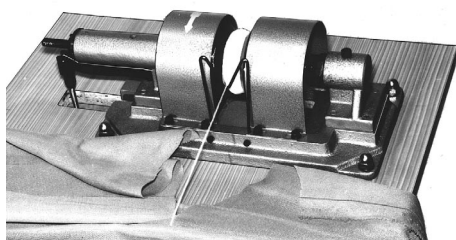
2282/10 Mobile garment stand as 2282/4 but height of hanging bar 180 cm, length of stand 180 cm.



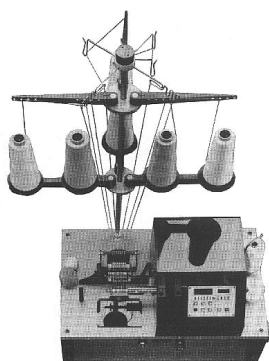
2282/4-6-10



3203



3203



2026

3203 EFZET Unravelling machine for unravelling separating threads and waste rows from Cotton transfer combs, or from knitwear after linking. For eliminating broken ends, the cone drive is fitted with a sensible friction clutch. Simple operation after a short training. Switching in and stopping of the machine, as well as discharge of the waste yarn by a pedal. The machine is supplied completely, with stand. Resopal double lined table top of 100 x 50 cm., pedal with coupling rods. with alternating current motor 220 Volt, 50 cycles, speed adjustable from 0-10,000 r.p.m.

Nylon-endless-separating yarn, very solid. on cones, suitable for unravelling machine EFZET 3203.

3209/1 Tourned, length abt. 24,000 m./kg. 42 tex (Nm 48/2).

3209/3 Not tourned, length abt. 22,000 m./kg. 46 tex (Nm 45/2).

2026 Pompom machine

The pompom machine works quickly and efficiently. Depending on the assembly of the bobbins. pompoms can be made having one to six colours and will leave the machine. depending on the number of windings. either in ball- or semi-ball formation. If the machine has been set correctly no further cutting will be required. thus saving time and material. Different sized pompoms from about 15-100 mm. diameter are obtained by use of different sized spindles (mandrels) and/or by varying the number of windings at the revolution counter. You can use your own materials for making the pompoms thus ensuring. that the finished pompoms will match the goods to which they belong. The purchase of a pompom machine will make you independent in the production of these very popular accessories, thus making it easier to sell your goods and to raise the attractiveness of your products.

Method of Operation:

The spindle is engaged by pressing the lever of the counter on the previously switched-on machine. This will cause the yarn to be wound onto the mandrel. When the pre-selected number of windings have been reached. the machine is automatically stopped with the spindle always in the same position. A loop is manually formed with the string whilst. at the same time a rotating circular blade cuts the yarn windings. This blade is put into operation by means of a foot pedal. The operator then secures the pompom with a tightly fastened knot.

Standard Model:

The machine is delivered complete with 3 phase motor 220/380 volts, 50 cycles, including switch, cable and plug, as well as revolution counter, yarn stand, bench with drawer and foot pedal for operating the circular knife.

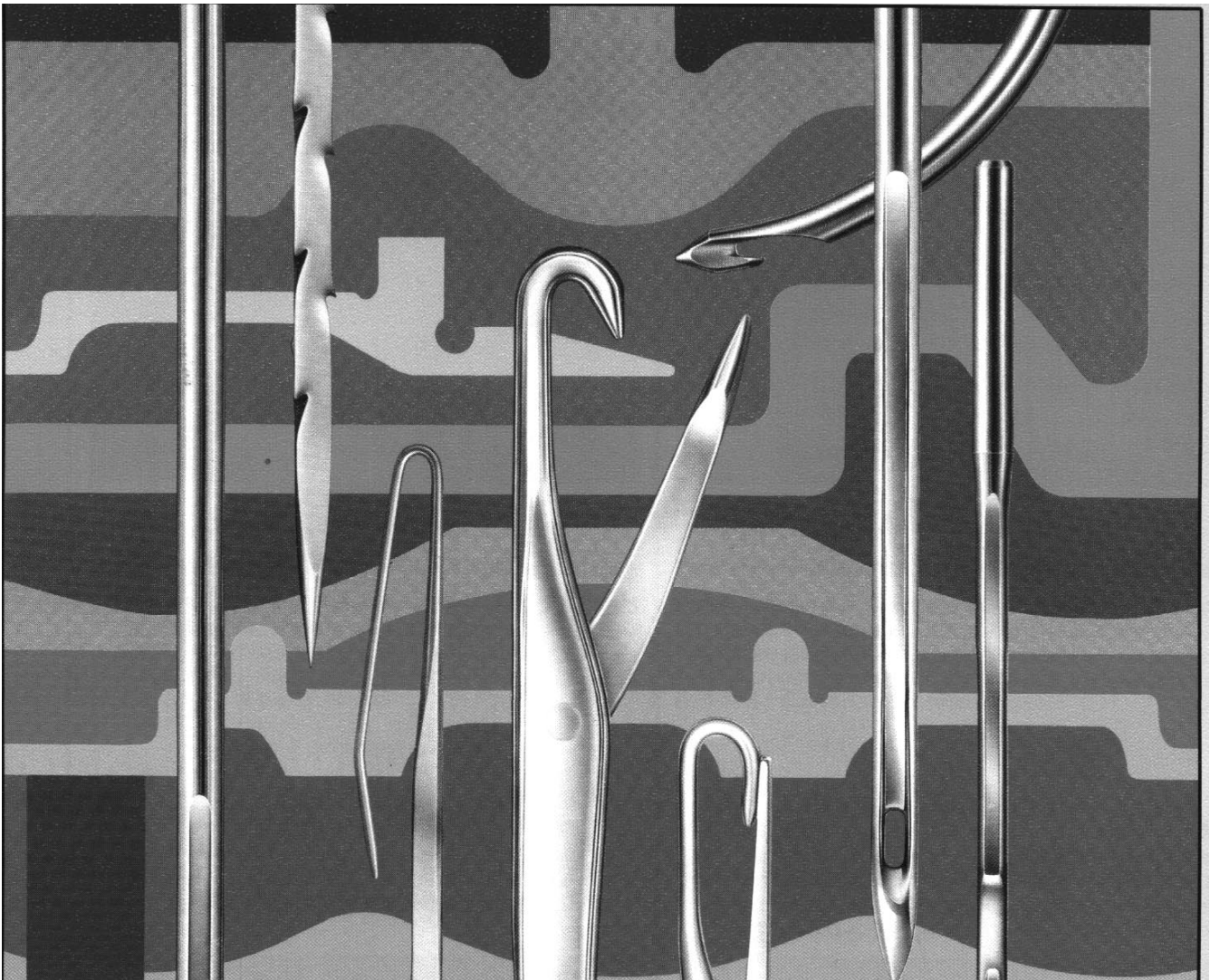
Mandrels:

Each machine is delivered with one mandrel to manufacture pompoms of a size specified by the customer when ordering the machine. Mandrels with the following diameters can be supplied: 5, 6, 7, 9, 12, 16, 20 and 25 mm. which will make a range of pompoms having diameters from 15 to 100 mm. (approx).

Dimensions and weights:

Length: abt. 110 cm, Width : abt. 50 cm, Total height: abt. 135 cm, Net weight: abt. 50 kg.

GROZ-BECKERT® Needles of High Precision



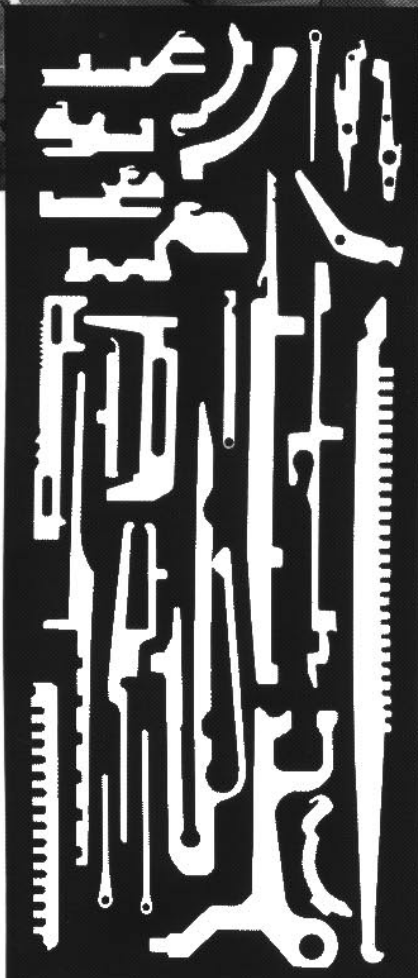
When you want to produce Knitwear of First-Class-Quality with high efficiency, no problems and no downtime, insist on Progress in Needle Technology from Groz-Beckert!

- * 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

566 D/12



* in the former Federal states.

Präzisionsplatinen 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.

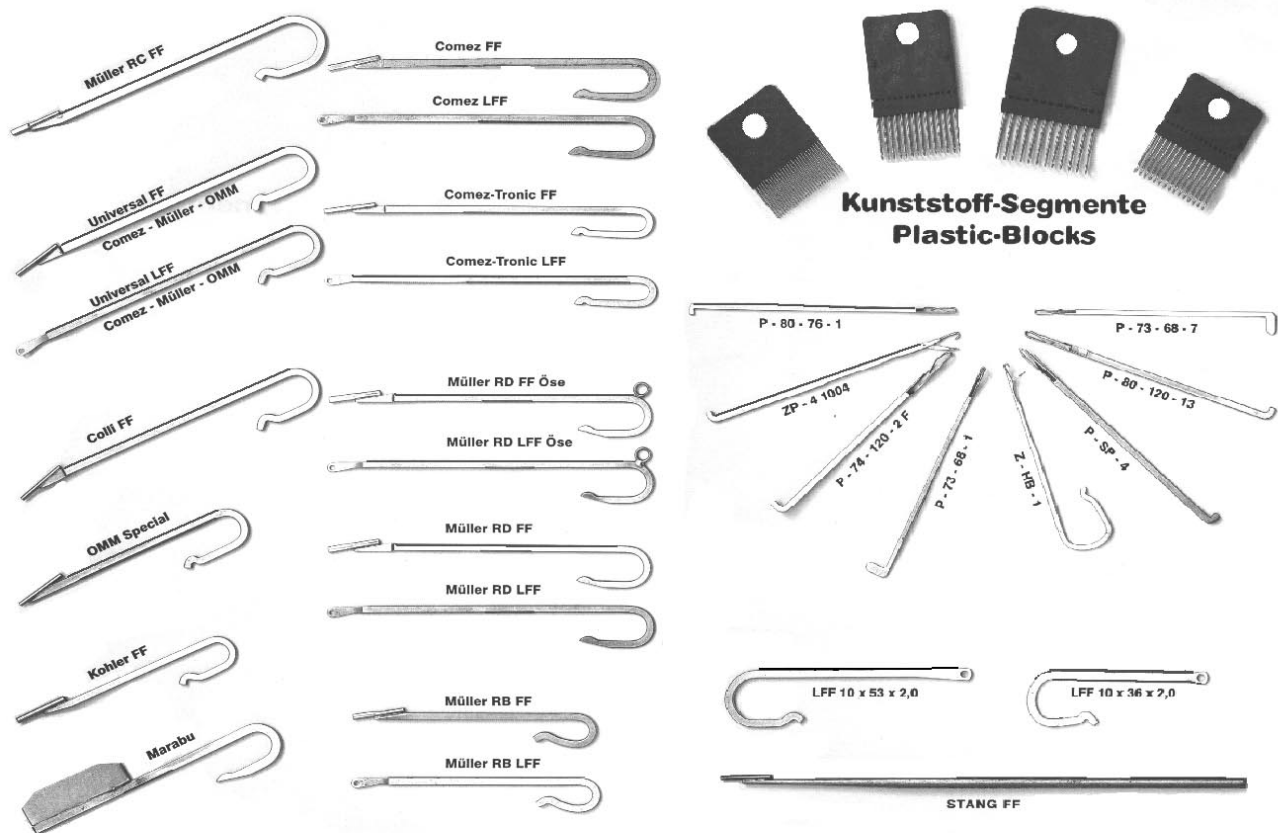
Unsere ständige Lieferbereitschaft erspart den Strickern und Maschinenbauern eine umfangreiche Bevorratung und bieten ihnen jederzeit, was sie vom größten Platinenhersteller erwarten:

Originalplatinen hoher Leistung und Lebensdauer als Garanten für wirtschaftliche Produktion und verkaufssichere Ware.

KERN-LIEBERS

Präzisionsplatinen für Maschenqualität

Accessories for crocheting machines



9106 JOMRO Needle and Sinker Oil for Knitting Machines

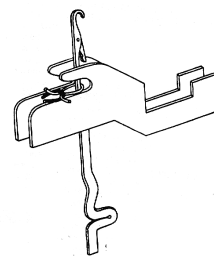
Oil of high quality, especially for the lubrication of needles and sinkers of knitting machines.

- 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.

Forming on oil film, which never breaks, even under extreme working conditions.

9082 Fully synthetic high performance oil Paraliq 91 for needles and sinkers in hosiery- and knitting machines, in spraying tins of 400 g each.



9108



9082

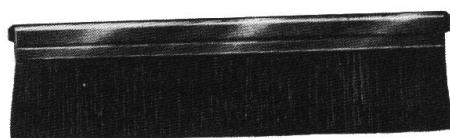
Brushes for Flat Knitting Machines



2104-2110, 3279



2111-2115, 3278

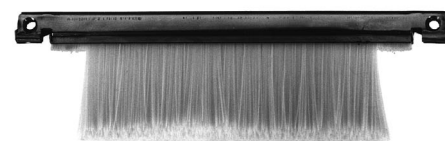


2116-2117

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/hardm elliert	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	100x37	light	Stoll CMS
2120	S	60x30	black	Shima-Seiki EHH-60301 Besatz ist nicht stufenförmig geschert
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, Schwenkbürste
2122/4	S	1000/29	white	Stoll CMS
2122/5	S	110/37	white	Stoll CMS

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

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
2131/1		48x18	white	Diamant FRJ 5480/5 to 5480/18
2131/2	D	140x23	nature	Diamant FRL 5482
2131/3	D	88x27	nature	Diamant KARS and DFA1U
2131/4	D	40x26	black	Diamant FRJ 5480/15
2131/5	D	60x30	nature	Diamant FRJ 5480/21
2131/6			black	Brushes with slanting bristles, for Diamant FRJ 5480/21
2131/7			black	Brushes with slanting bristles, for Diamant FRJ 5480/21
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



2129/2



2128

Brushes for Circular Machines and Stocking Looms

Article-No.	Brush-Type	Size mm	Type
3635	circular	16x30	with two-row bristles
3736	circular	18 x 40	
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
3658	circular	55x80	three-row white Perlon bristles
3659	circular	55x80	three-row black bristles, hard

Brushes for Circular Linking Machines



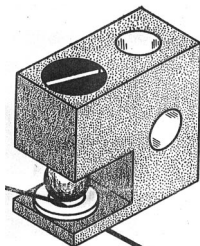
3635/3636

3645



3658/3659

Disc brakes for flat and circular knitting machines



4131

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

Technical data:

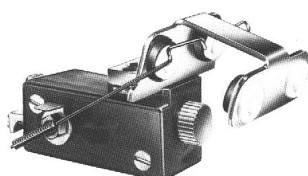
- dimensions: 30 x 30 x 15 mm
- 1 piece nylon ball
- adjusting knot catcher
- to be mounted on 8 mm horizontal and vertical round bar
- made from aluminium, antistatic



3758

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.



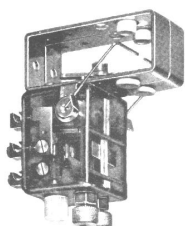
3775

3758 Lower end detector, 24 Volt working current, double feeler, without bracket.



3780

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



3781



3734

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.

3734 Needle detector, 24 Volt working current, for RH. or LH. sense of the machine, detects broken needles and loops.



3735

3735 Loading-up Detector, 24 Volt working current. one terminal, feeler for one sense, detects broken needles and loops.

3736 Loading-up detector, 24 Volt open current, two terminals, feeler for one sense, detects broken needles and loops.

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.

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 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 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.

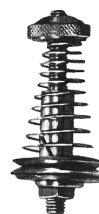
3716/2 Lower end detector, 24 Volt A/C, open guide stirrup, red alarm housing of plastic, control of the yarn tension by a knurled screw, easy chngement of the alarm lamp without opening the houseing, eyelets of hard ceramic, fit for finest yarns.

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.

3743 Needle Detector with alarm lamp, 24 Volt working circuit, without bracket, for circular looms Mayer & Cie.



3736



3160/1-2



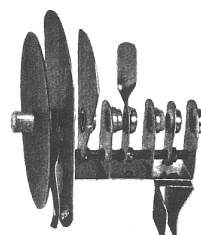
3159



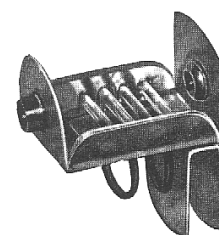
3689



3690



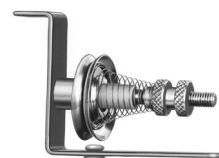
4113



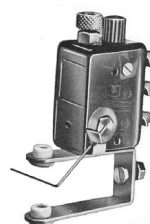
4118



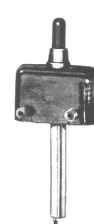
4123



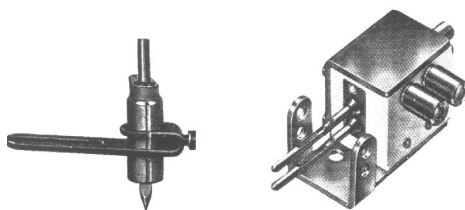
4128



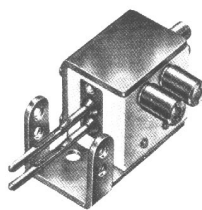
3716/2



3743



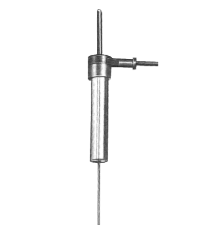
3749



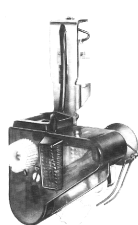
3751

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



3783

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

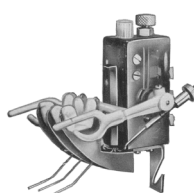
3783 Stop motion for circular knitting machines and looms, preferably for control of synthetic fabrics and threads. Vibrations of yarn will be absorbed by the feeler at the feed side of the thread. In case of thread breakage the signal lamp lightens up thus ensuring the switching-off of the machine by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

Technical data:

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



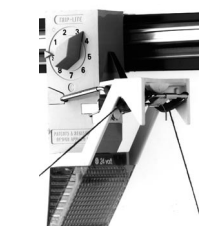
3712



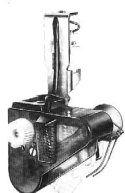
3715/2

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.



3744/3745

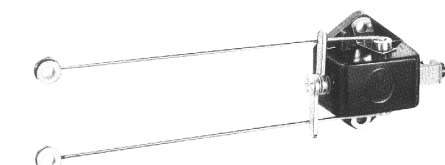


3772

3744 Stop motion, with light indication, 12 Volt, switch contact on yam break or too low tension and on excessive yam tension. yam 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

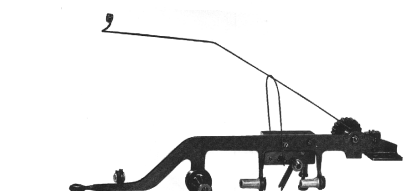


4132

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.

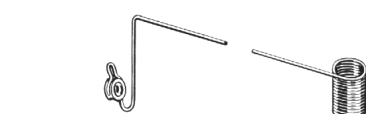
Technical data:

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



3106

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



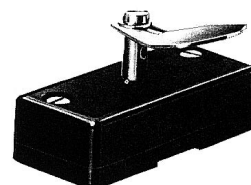
3114

3114 Tension Spring for safety stop motion 3106.

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 mesches. 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:

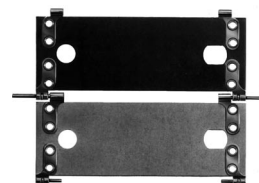
- Working voltage: 24 V alternating current



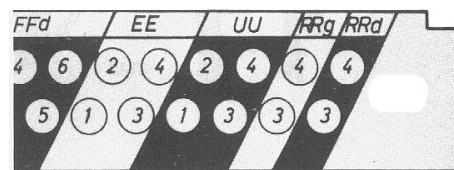
4133

Pasteboards Cards for Flat Knitting Machines

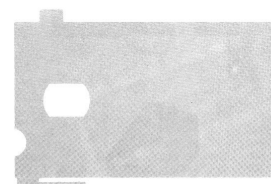
Article-No.	Size/mm	suitable for
		Allemania
2286/13 a	38x197	F8
2286/13 b	38x417	F 9
2286/13 c	38x216,5	F8D,F10,F11,F12D,F10Z,F8S
2286/13 e	38x274	F10ST
2286/13 f	38x292,5	F10STJ
2286/11 g	33x318	FCM
		Diamant
2286/2 b	38x195	DWA,KAR
2286/2 e	49x273	DAF 1 U
		Dubied
2286/3 e	31x271,5	DDD,DC,DRBA,DRC,DBA,DSC
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
		Tricomalia
2286/18 a		



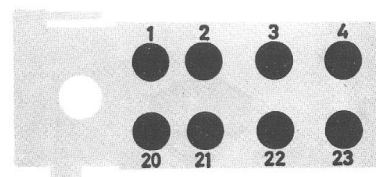
2286



Dubied



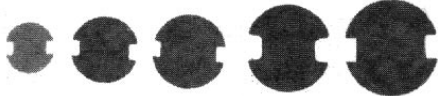
Stoll



Steiger

		Universal
2286/8 a	42x135	MC
2286/8 c	42x300	DUJA,DUJA 72, 200, 300, MC 410

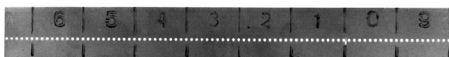
Correction clips for pasteboard cards



2293/3-5

Article-No.	for -Ø (mm)	Außen-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

Pattern tape for electronic flat knitting machines



4758/1

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

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

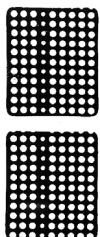
4753/3 Pattern tape (perforated tape), in boxes of 300 m each for Stoll ANV / ANVH / ANVH-I / ANVZ / ANVHD / LNCU / LNC / ENVG / ENVHG



4758/22

4753/31 Paper folding type (pattern tape) as 4758/3, but unpunched, in boxes of 300 m.

4753/32 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



4758/5

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.

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

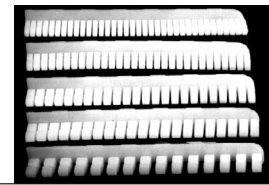
2148/1 for gauge E 5

2148/2 for gauge E 7

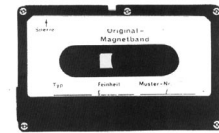
2148/3 for gauge E 8

2148/4 for gauge E10

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



2148



4816

Control film for Cotton machines

BENTLEY

Article-No.	Width (mm)	thickne. (mm)	Quality*	hole distance (mm)	hole size (mmØ)
4636	76	0,125	XI	3,2	6,9
4646/1	111	0,19	XI	7,9	3,3x3,6
4648/1	181	0,19	XI	7,9	3,3x3,6

BOEHRINGER

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

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)
4643	150	0,19	XI	10	5,2
4659	193	0,19	XI	10	5,2

MONK

Article-No.	Width (mm)	thickne. (mm)	Quality*	hole distance (mm)	hole size (mmØ)
4643	150	0,19	XI	10	5,2

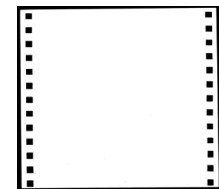
ScLightER

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

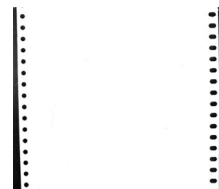
*Quality Features:

III: Special fibre board of highest tensile strength.

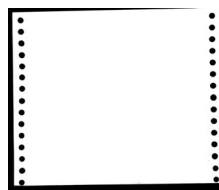
XI: Plastic foil of highest tensile strength.



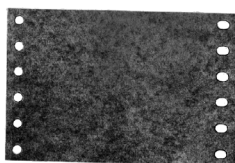
Bentley, Monk



Boehring

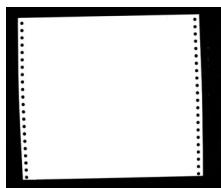


Bordier, FN, Monk

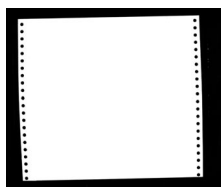


ScLighter

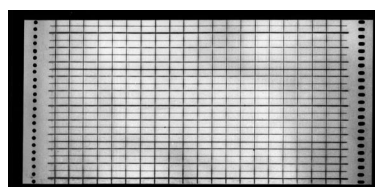
Control Film for Circular Looms



Bentley, Terrot



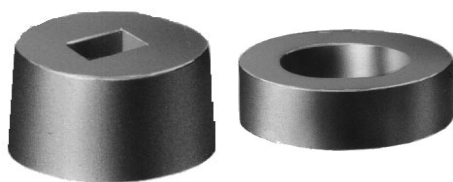
Wildt Mellor Bromley



Jumberca

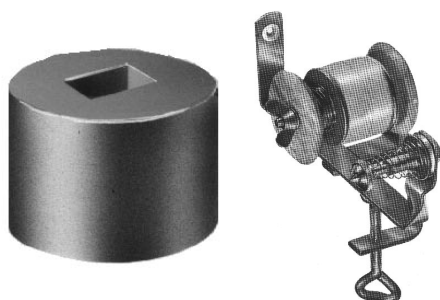


Wax Rings



5149

5151/5554



5150/5152/5313

5169

BENTLEY

Article-No.	Width (mm)	Thickn. (mm)	Quality*	hole distance (mm)	hole size (mm Ø)
4721	200	0,125	XI	10	3,2
4724	146	0,125	XI	6,9	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

WILDT MELLOR BROMLEY

Article-No.	Width (mm)	Thickn. (mm)	Quality*	hole distance (mm)	hole size (mm Ø)
4724	146	0,125	XI	6,9	3,2

*Quality Features:



I: High strength pasteboard

II: Rigid pasteboard or standard strength

IV: High quality special pasteboards (Alufo), laminated, paper lined aluminium foil.

VIII: Monofol (tensile strong foil, lined with brown special fibre board).

XI: Plastic foil of highest tensile strength, 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
5149	43/41	15	11 x 11
5150	41	23	14 x 14
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

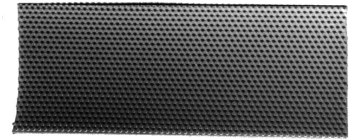
Rubber Sleeves for fitting take-off rollers, high quality material, with good mechanical and chemical characteristics, pyramidal napping, light brown.

Article-No.	length (mm)	Inner Ø (mm)	Type	suitable for
2248/1	100	65		Universal
2248/3	100	70		Stoll, Singer, Alemannia
2248/4	100	60		
2248/5	55	70		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
2248/10	100	55	long, hell, pyramid.	Universal, Diamant FRJ
2248/11	100	63,5	long, hell, pyramid.	Stoll
2248/12	103	63	long, blue, smooth	Stoll
2248/13			43,8x410x1,5/2,75	Steiger

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

2152 Plush Strips for needle beds 8.5 mm wide, in packages of 10 m each.

2154 Vulcolan Strips for needle beds, 7 mm wide, 2 meters long.



2241/1



2229/1-2



2248/1-13



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

Strips



2151

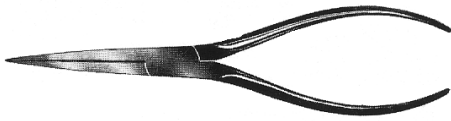


2152



2154

Special tools for knitting mills



2367/70/71/77/78

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.

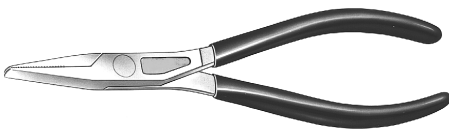
2370/2 Needle Pliers as 2367, but 180 mm long, gripping faces rough.



2372

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

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.



9533

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.



9072/9073

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.

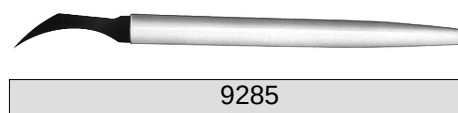


The contents are up to your choice (picture shows only a sample)!

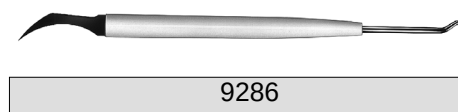


9076

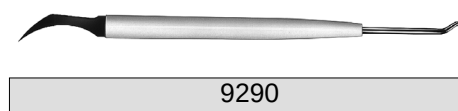
9285 Cleaning tools for knitting and hosiery machines, improved design, conical handle 9/5 mm, 110 mm long with needle draw-in-tool 0.60 mm thick, total length 140 mm, yellow.



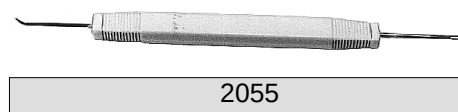
9286 Cleaning tools as 9285, but with additional work hook 2.40 mm dia, total length: 175 mm, red.



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

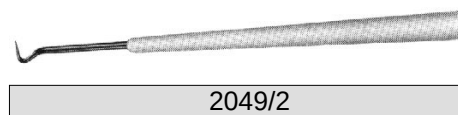


2055 Working device with plastic handle, green, with 1 work hook / 1 point.



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 relaxing, and correct guidance. Length of the handle approx. 110 mm, thickness of 12 mm at a maximum.

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.



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

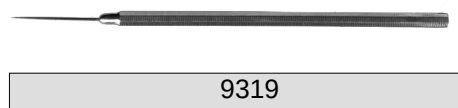


9318 Narrowing Needle, with shaft and haft of plastic, total length (with haft) of abt. 140 mm, needle thickness of 0.53 mm (at the head).

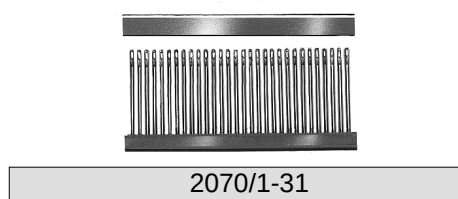


9319 Working needle, total length 145 mm, with octagonal steel.

Transfer Combs with protective cover, jap-joint soldered, available up to 33 cm at a maximum (standard) in each number of needles wanted:



Article-No.	Gauge	Article-No.	Gauge	Article-No.	Gauge
2070/1	2,5	2070/9	8,0	2070/24	jge64
2070/2	3,0	2070/10	10,0	2070/25	jge50
2070/3	3,5	2070/11	12,0	2070/26	jge42
2070/4	4,0	2070/12	14,0	2070/27	jge36
2070/5	4,5	2070/13	16,0	2070/28	jge32
2070/6	5,0	2070/21	jge100	2070/29	jge25
2070/7	6,0	2070/22	jge84	2070/30	jge21
2070/8	7,0	2070/23	jge72	2070/31	jge18





2304/4-10



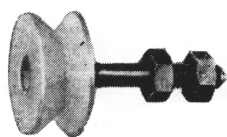
2308/1-11



2310



2349



3694



2299/1-7



2300/1-7



2301



4826

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
2299/12		0,28	
2299/1	2300/1	0,30	(75)
2299/2	2300/2	0,40	18
2299/3	2300/3	0,50	16
2299/4	2300/4	0,60	14
2299/5	2300/5	0,70	12
2299/6	2300/6	0,80	12
2299/7	2300/7	0,90	10

Table 38

2301 Haft for trick file 2300.

4826 Needle Inspection Mirror.

First Class natural teazles

Article-No.	Measurments 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

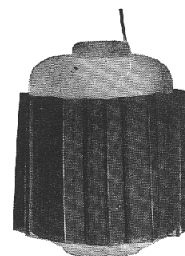
Natural teazles



7540

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		white
4319	150	150	white
4320	180	160	white

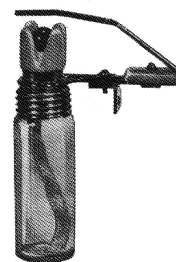


4317-4320



9095

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



5179 a

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

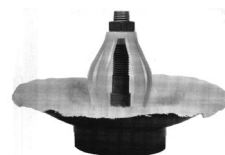
Cone supports, approved design, base plate of plastic, fitted with adustable plastic cones, bore threaded in metric 10 mm (6 mm or 8 mm upon request), Helanca cover.

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!



9928/2



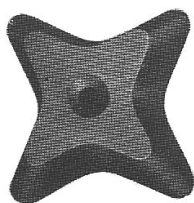
9758/1



9931/9932



9929



9582/9584



5283/1-3

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.

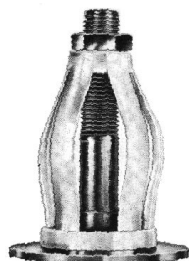
5283/1 Cone holder 9° 15', bore of 8 mm.

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

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



9936



9935

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.

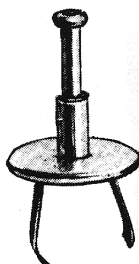
Since the thread is guided under a ring of steel or hard ceramic, yarn will be braked, if the machine stops or reduces the yarn speed.

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



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



4158/1



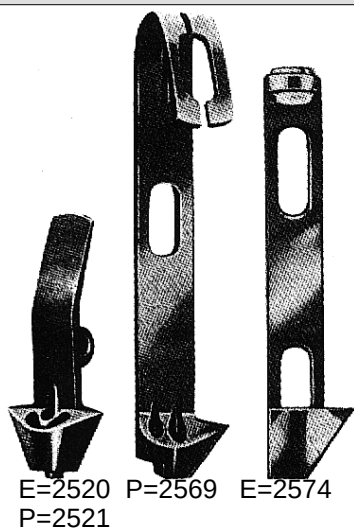
In case of inquiries and orders it is absolutely necessary to indicate the upper inside cone diameter. Disks of other diameters are available upon request. With your order, please send an empty cone so that we can find out the correct size of spring.

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

Feeders for flat knitting machines

E=Plain, P=Plating, M=Mottling, MP=Mottling-plating feeders

DIAMANT



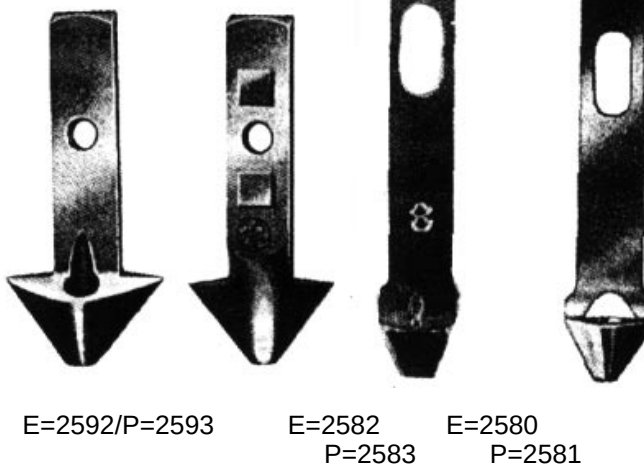
DUBIED

front

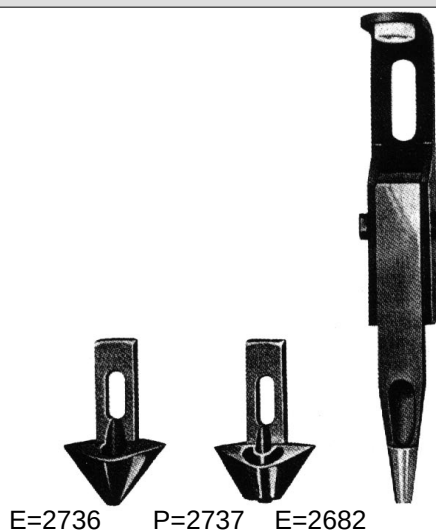
back

JDR

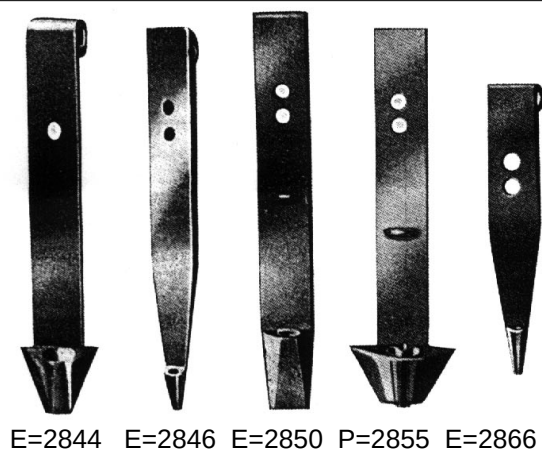
DUX



LAMB

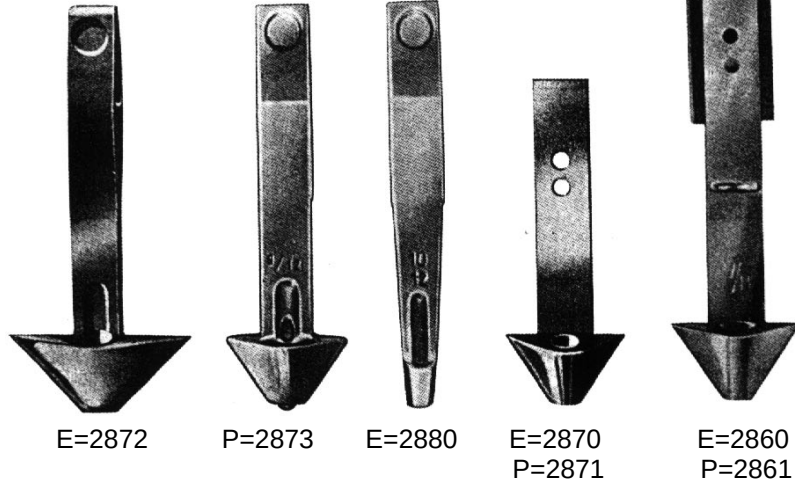


SCHAFFHAUSER/WAGATEX



SCHAFFHAUSER/WAGATEX

Article-No..	for machine types
2844	GDN/LGSD/LGS/GDMA/MDA ² MDA ²
2845	LGS/LGSD
2846	GN/GDN/LGSD/MA ² /CCA/BA
2850	GN/GDN/GDMA/MB/MDA
2855	BA/CCA/MCDA/GDMA/MB/MDA
2866	GN/GDN/LGSD/MDA ² /CCA/BA
2870/71	CA/CCA/RJM
2872/73	DOFA/DOFU/DJFU

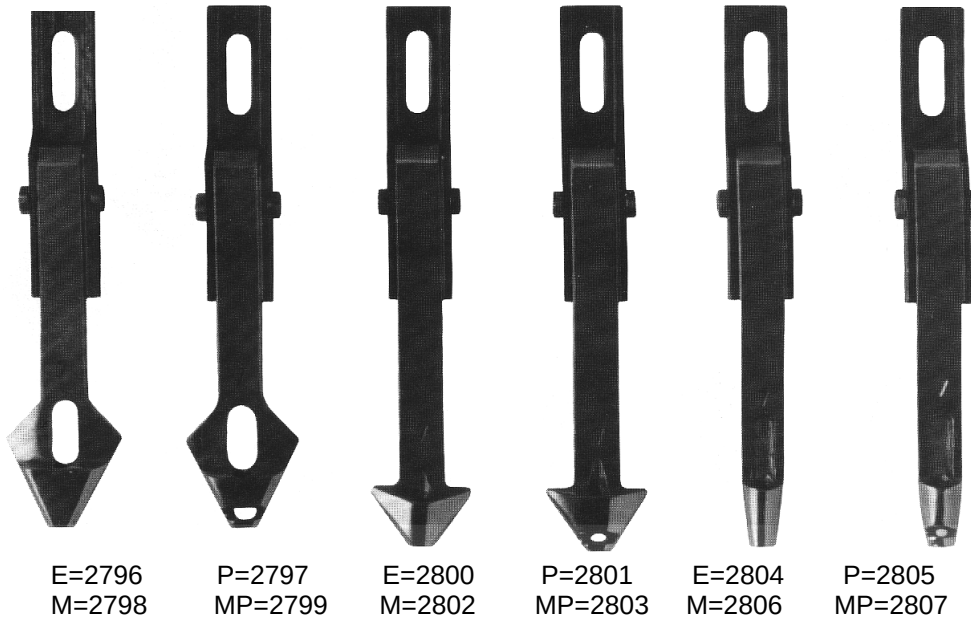


SHIMA

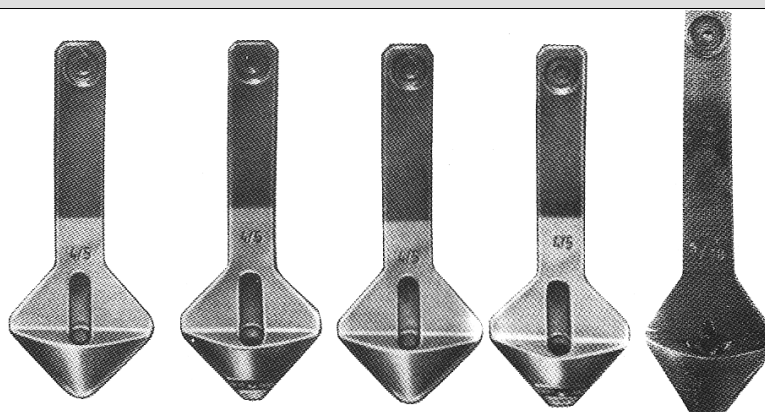
Double Kobura SECISEK

Single Yajiri

Double Sakiboso

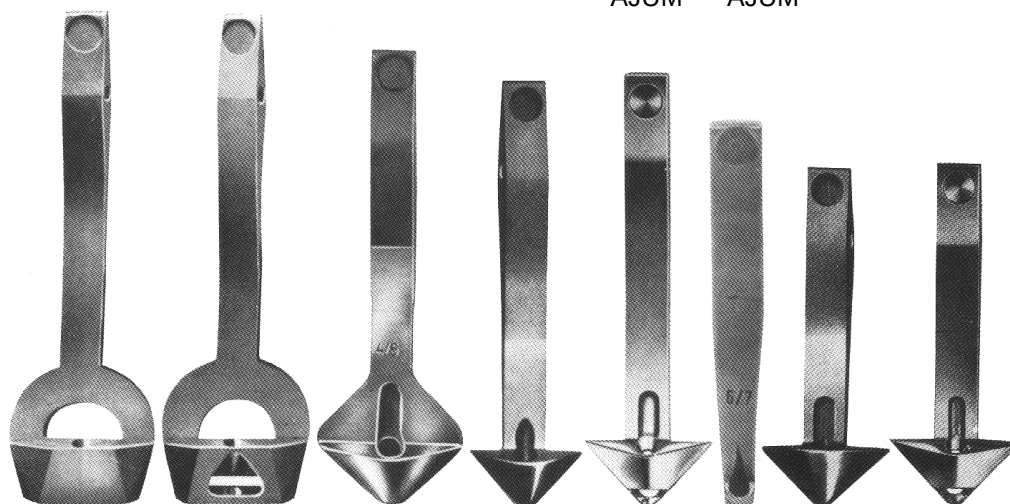


STOLL & CO.



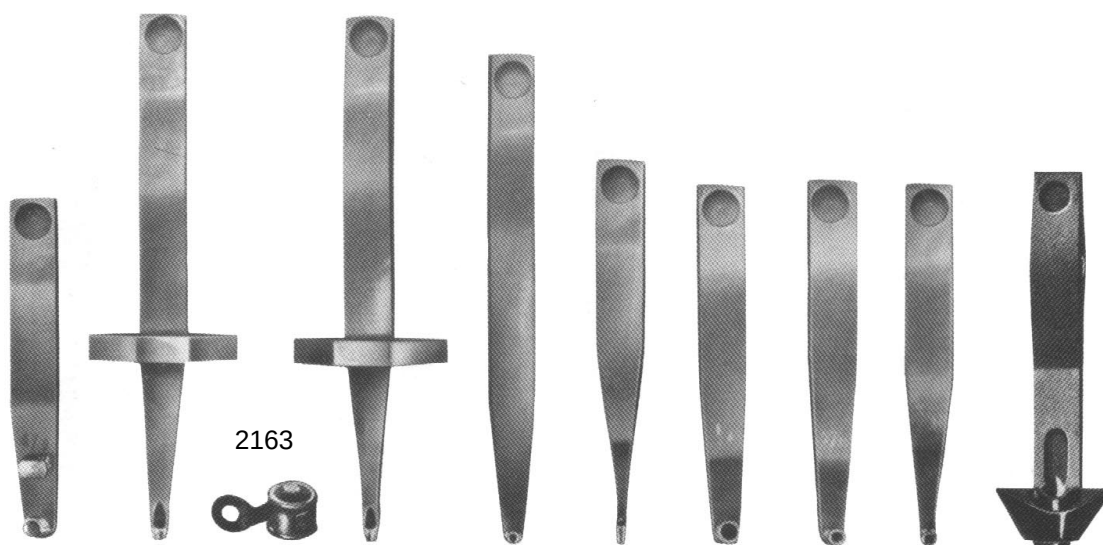
E=3002 P=3003 E=3006 P=3007 P=3029
IBOM/b DIN 62161 Shape A ANV, AJUM DIN 62161 Shape A
Back plain Back convex

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



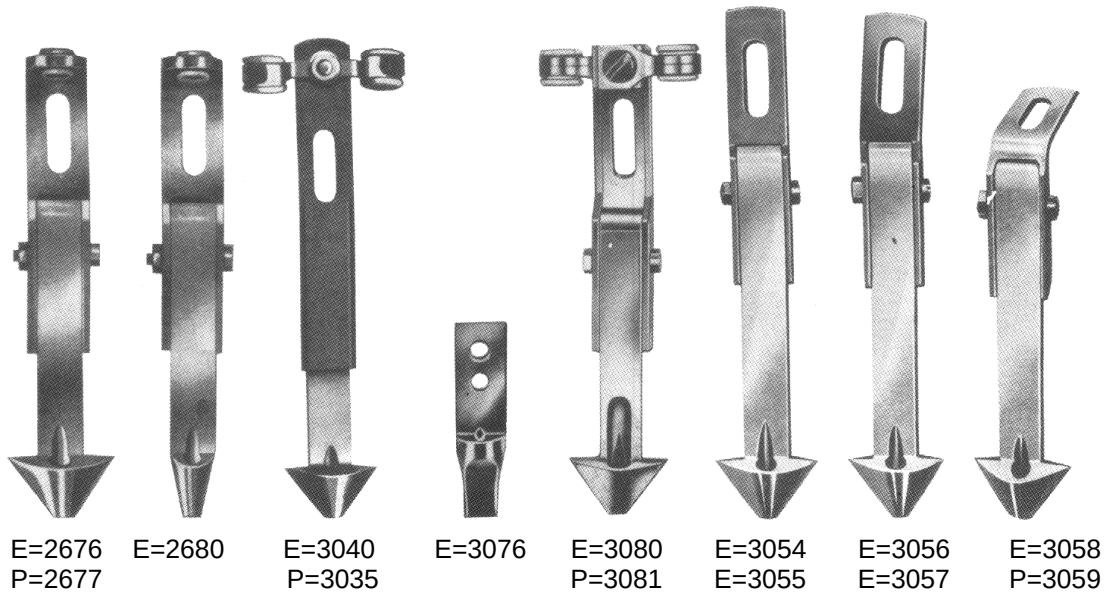
E=3010 P=3011 E=3012 E=3000 P=3001 E=2980 E=2992 P=2997

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



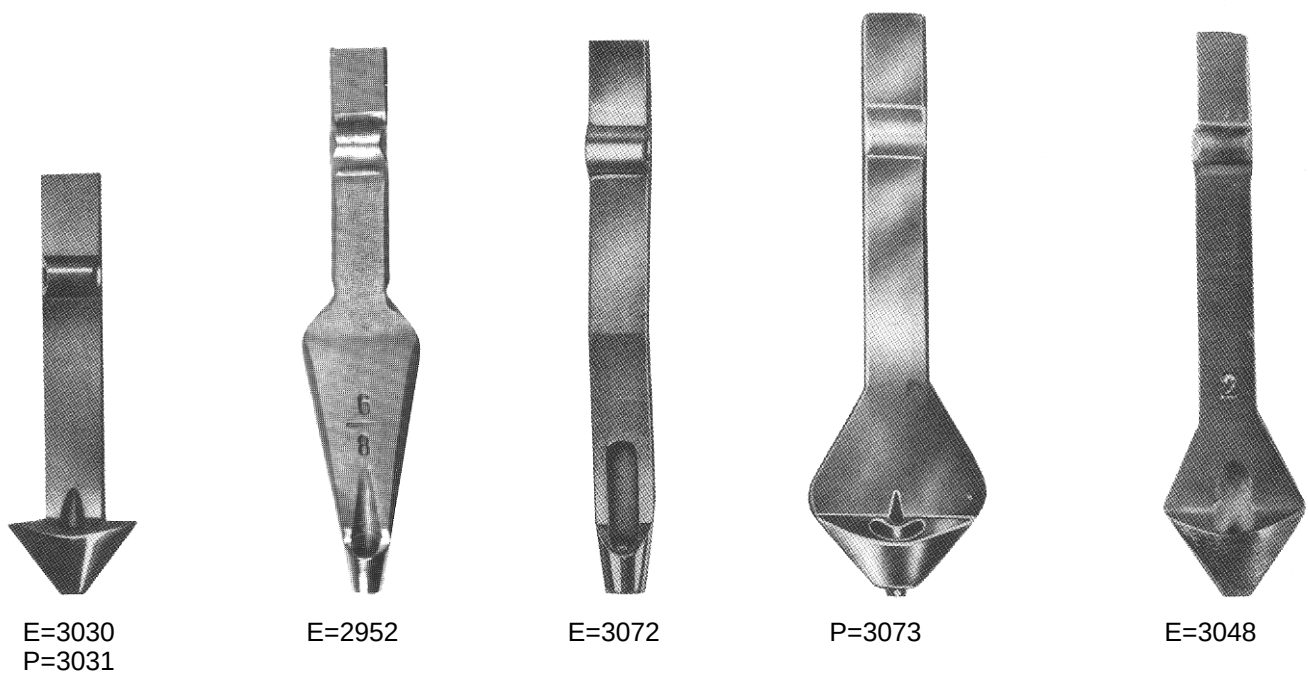
E=2890 P=2891 P=2893 E=2882 E=2894 E=2884 E=2886 E=2888 P=2993

UNIVERSAL



MC 410/MC 610/DUJA

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



UNIVERSAL

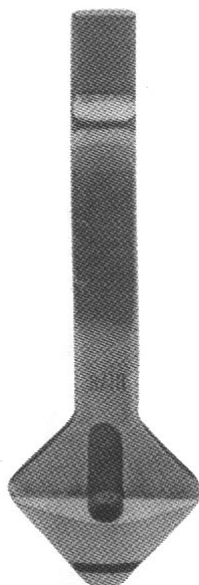
Universal

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 motting-plating feeders with two superposed bores.

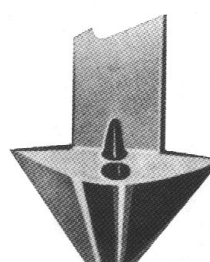
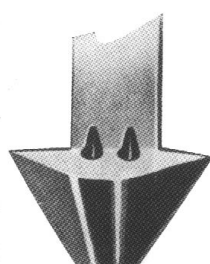
Please let us know with your inquiry or order:

- 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



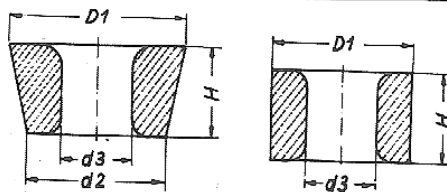
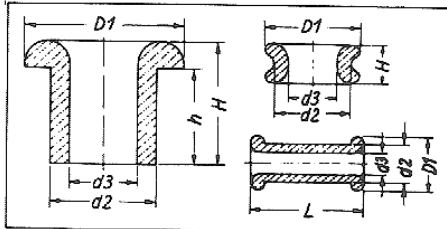
yarn inlet



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
Grooved Roolers					
8576	15	22,5	6,8		14,0
Eyelets, with Collar					
8502	4,0	5,5	1,8	4,0	5,0
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
8063	12,0	14,0	7,5	10,5	12,0
Eyelets, with collar					
8005	8,0	9,6	4,1	4,5	6,8
8020	6,0	9,0	3,0	7,0	8,0
8008	7,6	9,0	3,4	6,1	8,4
8020	6,0	9,0	3,0	7,0	8,0



* 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.



Protection of labour and environment = Safety

Protective gloves with 5 fingers, in different sizes. Please always indicate left or right hand. See table No. 39

Size	1 - green	2 - white	3 - red	4 - blue	5 - orange
Article-No.	3541/1	3541/2	3541/3	3541/4	3541/5
for	small women's size	medium women's size	women's size	standard gent's size	gent's size

Table 39

Dyer-protective gloves out of natrual latex, beige, strong nap surface.

Dyer gloves protect effciently against a lot of acids and lixiviums as well as against cutaneous eruptions, eczema and mycosis due to antibacterial equipment.

3535 Dyer gloves protect, size 9.

3536 Dyer gloves protect, size 10.

3537 Dyer gloves protect, size 11.

7266 Protective ointment non greasy, transparent, against agents insoluble in water like benzine, oil, resin, dyestuffs, Tri, Phenole, acetate and synthetic resins, in tubes of 50 ml.

7277 Finger tips bandage, elastical, 8 x 5 cm., in packages of each 50 pieces.

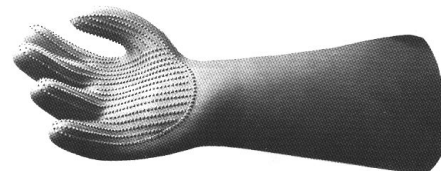
7280 "Softstand" comfort pad-elastic, a pad for better standing on the working place, dimensions: 59 x 45 cm, 12 mm thick.

7281 "Softstand" comfort pad-elastic, a pad for better standing on the working place, dimensions. 59 x 77 cm, 12 mm thick.

6921 Universal belt gard for sewing machine motors, to be attached under the tabletop. Complete, with bracket and set screw.



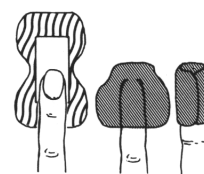
3541/1-5



3535-3537



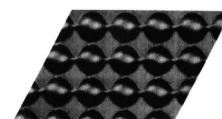
7266



7277



6921



7280/7281

Safety signs according to DIN standards



7267/1



7267/3

7267/1 Mandatory sign „Wear breath protections“ Ø 50 mm



7267/5



7267/4

7267/2 Mandatory sign „Wear ear protections“, Ø 200 mm

7267/3 Mandatory sign „Wear eye protections“, Ø 50 mm

7267/4 Mandatory sign „Wear security shoes“, Ø 200 mm



7267/2



7267/6

7267/5 Mandatory sign „Wear protective gloves“, Ø 100 mm

7267/6 Prohibition sign „No smoking“, Ø 200 mm



7267/7



7267/9+10

7267/7 Advice sign „First aid box“, 200 x 300 mm

7269/10 Internal notes „Guide for First Aid in case of accidents“, 36 x 50 mm, in English language.



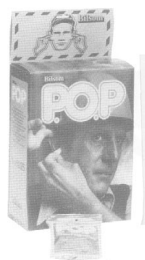
7250

7251

7250 Goggles with adjustable bows and plastic screens.

7251 Universal guards for wearers of glasses, suitable for almost all glasses.

7260 Very fine wad protecting the hearing. The wadding in thin foil fits the ear without any problems. Small holes guarantee hygienics and pressure compensation. Pocket size with 1,000 waddings.



7260



9760/1

9760/1 First aid chest with prescribed contents as per DIN 13169, size 48 x 42 x 16 cm.

9760/2 Refill for First aid chest, our No. 9760/1 according to DIN standard 13169-E.



Tools from in any case

1029 Alien type wrenches of chrome vanadium steel, handclip with 7 wrenches, 1/16", 3/32", 1/8", 3/16", 7/32".

1022 Alien type wrenches of chrome vanadium steel, handclip with 7 wrenches, 1,5 mm, 2 mm, 2,5 mm, 3 mm, 4 mm, 5 mm, 6 mm.

2302 Needle files, round shaft, in 12 shapes, 140 mm long, cut 2, stand of wood.

2303 Needle files, round shaft, in 12 shapes, 160 mm long, cut 2, in plastic bag.

2313/1 Diamond files in plastic bag consisting of 1 piece each 2313/2-6.

2313/2 Diamond files, 140 mm long, grain 126, blunt.

2313/3 Diamond files as 2313/2, but triangular.

2313/4 Diamond files as 2313/2, but four-edged.

2313/5 Diamond files as 2313/2, but semi-circular.

2313/6 Diamond files as 2313/2, but circular.

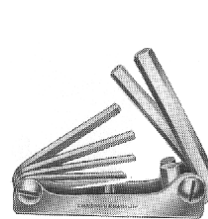
2313/7 Plastic handle for quick inserting of files 2313/2-2313/6.

9505 Ball pencil type lamp, 140 mm long, 16 mm Ø, body of nickel-plated brass, fitted with tense type bulb 2.2 Volt and 0.25 A, with battery.

9509/1 Hand lamp, fitted with interchangeable fluorescent bulb, 8 Watt, fully insulated, tube 288 mm with plastic handle and suspension hook, 5 meters of protected supply cable, safety plug, without protective basket.

9507 Magnet, with flexible shaft. head holding up to 0.750 kg, fitted with lamp in the head, total length 600 mm, very useful for gripping screws, nuts, other small parts from inaccessible points.

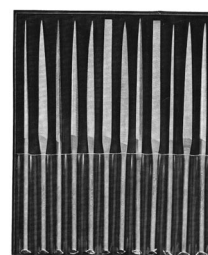
9516 Double magnet, length of single stick 170 mm opened length 350 mm, magnet of 3 and 6 mm Ø, for gripping up screws, nuts and other small parts from inaccessible points.



1029/1022



2302



2303



2313/1-7



9505



9509/1



9507



9516



9536/9537

Dust blowers, for blowing off dust and fluff from motors, machines, or from inaccessible positions. Handy and light, of solid design, and of high efficiency.

9536 400 x 50 mm

9537 600 x 70 mm



9220

9220 Cleaning brushes with wooden handle, bent, total length approx. 250 mm, bristles in 3 rows, 25 mm, high, bristled face approx. 110 x 12 mm, white Perlon bristles.



9238

9238 Cleaning brushes, especially for sewing machines, wire handle/total length abt. 110 mm, length of bristles abt. 30 mm Perlon bristles.

Oil and grease from



9096/5562

9096 Ambassador Special, sprayable with spray bottles 9094. Dissolving rapidly oil, resins, and dust. In cans of 5.5 kg.

9090 JOMRO Oil, for sewing machines of 2,000 r.p.m., and more.

5562 Textol- ring- and-spindle grease, very good wringing for lubrication of MG-rings, spindles, needle-grooves (flat knitting



9126/9127

9126/1 Plastic oiler, with plastic tube, 150 ccm.

9127/1 Plastic oiler, with brass tube, 150 ccm.



9146



9135

9135 Plastic Oiler, 250 ccm., with bent tube.

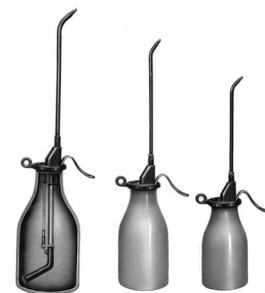
9146 Plastic Oiler, 125 mm. with brush.



9156/1 Special oil can with double pump and rotating piston, 0.5 liters, of unbreakable plastic, with tube 190 mm.

9156/2 as above, but 0.3 liters, with tube 170 mm.

9156/3 as 9156/1, but 0.2 liters, with tube 140 mm.



9156/1-3

9167 One-Way canister, 5 litres, of plastic.

9168 One-Way canister, 15 litres, of plastic.

9756

9753 Plastic sack, blue foil sack, with welded seam at the bottom, also suitable for wet filling, 700 x 1,150 mm, thickness 0,10 mm, filling quantity 120 l.

9756 Plastic coated closing wires, for closing bags 9573



9167



9756

1186 Cleaning paper roll, white, 4 layers, perforated, 1 roll = 1,000 cloths each 32 cm (width) x 40 cm.

1188 Refuse collector, mobile, suitable for hanging in refuse sacks of 120 litres. Top and bottom made of sheet steel.

9708 Multi purpose knife, heavy design, with two 8 section blades, the used section to be broken off.



9168



1188/9753

9710/1 "Tornato" broom, the new mixture of natural fibre ARGENGA.



9708

9710/2 Shears broom No. 90, with 2 single brooms.



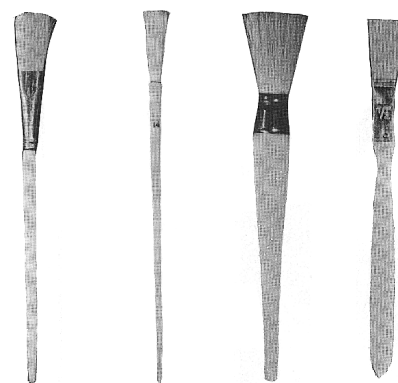
9710/1

Circular cleaning brush, with round wooden handle, natural bristles

Article-No.	Total lengths (mm)	Length of bristles (mm)	Bristles-Ø (mm)	Bundle-Ø (mm)
9239	195	30	20	20
9252	260	50	10	10
9265	235	50	18	12

Flat cleaning brush, flat handle, natural bristles.

Article-No.	Total length (mm)	Length of bristles (mm)	Width (inch)
9245	185	30	1/2
9250	250	35	1



9239

9252

9265

9245
9250

General Terms and Conditions for Sale and Delivery

The following general terms and conditions are valid for all our business contracts. Possible conditions for sale and delivery on order sheets or other documents of our contracting partners deviating from ours are not regarded as valid by us. Our conditions are valid as well without special expression or confirmation for all future business contracts with the business partner.

1. Offer and order

We are always invoicing prices which are valid on date of delivery, even if the agreed delivery date is longer ago than 6 weeks after the sales contract or receipt of confirmation of order. Our prices and other offer-conditions are without engagement. Orders will be considered as having been accepted only after our written order confirmation or after dispatch has been effected. In any case, invoices have to be considered as order-confirmation.

2. Prices and Payment

Our prices are strictly net, excluding packing and value added tax. ex-stock Eschwege or ex-works in Deutsche Mark. Payment is due immediately. We will grant a discount of 2 % for paying between 10 days. Higher discounts or reduction of postage or packing-freight are not allowed. After 30 days after maturity of invoice, we will invoice usual banking interests, at least 3 % higher than the bank-rate of the Deutsche Bundesbank. Employees and representatives of our firm are only entitled to accept payment, if they are in possession of a collection permit. The assertion of the right of detention as well as balancing against our debts are impossible, provided that the debts against our company are not uncontested, legal noticed or ripe for decision. Additional charges for order-execution. For orders under DM 50.00 we will invoice an additional charge of DM 15.00. The minimum-value for export-orders is DM 100.00.

3. Dispatch

Dispatch is always effected on account and risk of the orderer. If we consider it necessary, we insure the goods at most favourable terms on account of the ordering party. The choice of the insurance company is up to us.

4. Delivery time

The delivery times quoted are without engagement. Main acts, strikes or other unforeseen causes which are acting on the manufacture, supply or transport of the goods ordered beyond our control, entitle us to withdraw partially or totally our engagement for supply without entitling the orderer to be indemnified. Claims for compensation of damage in case of delivery are excluded, unless we or our agent are charged with intention or gross negligence. If, exceptionally, we could be made liable about exceptionally

circumstances, our liability will depend on the amount of invoice.

5. Reclamations

Claims have to be made immediately on receipt of the goods or within 8 days at the latest. If claims are accepted by us, the warranty is limited on improvement or replacement as per our choice. The orderer is not entitled to claim on compensation of damage, especially on consequential damages.

8. Chemical Products

The use of chemical products supplied by us such as stain removing liquids, special agents, sprays, paraffine etc, is on risk of the buyer. The buyer is bound before using the chemical products supplied by us to examine these in all cases resp. to make trials whether these products are suitable for the intended purpose. If this is not done, no claims for compensation can be made.

7. Property Reservation

The goods are our absolute property until complete payment of the invoice; in case of repeated or current business relation until settlement of the debt. Cheques, drafts and transfers are considered as payment only on cashing. Before complete payment of the invoice the goods cannot be pledged nor transferred as security for debt. If the goods are pledged from a 3rd party or another interference occurs which risks the rights or disposition possibilities of the orderer, the orderer has to inform us immediately. If the orderer processes the goods supplied to a new merchandise, the processing is made for us. The acquisition of ownership as per 5 950 BGB is excluded. If the goods supplied under property reservation are mixed or combined with other things, we acquire co-ownership for the new things. If the goods supplied under property reservation or things made out of these - no matter in which condition - are further alienated, processed or installed by the orderer, the orderer transfers already now to us - until complete settlement of our outstanding claims - the claims resulting from alienation on occasion of processing or installation against his customer or third party with all secondary rights up to the amount of our claim. The orderer is engaged to give us all information and documents which are necessary for assertion of our rights and at our request to inform his customer and third party about the transfer. If the value of the securities given to us increases the delivery demands for more than 20 %, we engage inasmuch for retransfer upon request of the orderer.

8. Delivery On Call

If delivery of the ordered goods shall be effected on call quantities not taken within this period will be invoiced to the customer at that date.

9. Competency Of Court. German Law

Settling place and competency of court is Eschwege for both parties; also if the sale or supply was executed from another place. The local and relevant competence of the Amtsgericht Eschwege is valid as well for litigations with orderers, who do not have a general competency of court in the Federal Republic of Germany, especially hortatory proceedings (OS 688 ff ZPO). German law is valid.

10. Conditions

Any other terms and conditions printed on order forms or other documents of the orderer, differing from the above mentioned terms, are not valid. Our general terms and conditions for sale and delivery are valid for all future orders of the orderer, also without any further confirmation.

Eschwege, January 1st, 1998