

# ADHESIVES, FINDINGS & MACHINERY



## ADHESIVE SELECTION CHART

MATERIALS	NEOPRENE CEMENT (RAPIDBOND)(HELMITFIX)	POLYURETHANE (VINYL) Cement	<i>Renia</i> COLLE DE COLOGNE	<i>Renia</i> ORTEC	<i>Renia</i> TOP FIT	<i>Renia</i> SUPER GLUE
<b>POLY VINYL CHLORIDE (PVC)</b>		Yes	Yes		No	Yes
<b>LATEX</b>		Yes*	Yes*			
<b>POLYURETHANE (PUR)</b>		Yes	Yes*	Yes*	Yes*	No**
<b>THERMOPLASTIC RUBBER (TR)</b>			Yes*	Yes	Yes	Yes**
<b>RUBBER</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>EVA</b>	Yes		Yes	Yes	Yes	No**
<b>CREPE (EVA + RUBBER)</b>	Yes		Yes	Yes		
<b>LEATHER</b>	Yes*	Yes	Yes*	Yes*	Yes	No
<b>POLYPROPYLENE (PP)</b>				Yes		
<b>POLYETHYLENE (PE) (PLASTAZOTE, SHEET PLASTIC)</b>				Yes Yes		
<b>METAL</b>				Yes		
<b>CARBON FIBRE</b>			Yes*	Yes		
<b>CO-POLYMER</b>				Yes		

\* Requires the primer (see page 173); Chrome Tanned Leather requires the hardener. \*\* Only possible if the material is not porous or soft.

## IDENTIFY THE MATERIAL TO BE BONDED WITH RENIA PRODUCTS

MATERIALS	HOW TO ORGANIZE	HOW TO PREPARE	SUPER-FIX	ORTEC	COLLE DE COLONGE	SYNTIC TOTAL	TOP FIT	VOLKOFEST
<b>LEATHER</b>	Fibre structure	Sand	Yes	Yes	Yes	Yes	Yes	Yes
<b>CHROME LEATHER</b>	Fibre structure green colour	Sand	Yes / Hardener	Yes / Hardener	Yes / Hardener	Yes / Hardener	-----	Yes / Hardener
<b>RUBBER</b>	Typical smell	Sand	Yes	Yes	Yes	Yes	Yes	Yes
<b>NATURAL RUBBER</b>	Melts when sanded	Sand	Yes / Hardener	Yes / Hardener	Yes / Hardener	-----	Yes / Hardener	Yes / Hardener
<b>EVA</b>	Soft porous	Sand	Yes	Yes	Yes	-----	Yes	Yes
<b>CORK</b>	Cork structure	-----	Yes	Yes	Yes	Yes	Yes	Yes
<b>VINYL (PVC)</b>	Melts when sanded Typical smell of chlorine	Sand and clean with acetone	-----	-----	Yes	Yes	-----	-----
<b>THERMOPLASTIC RUBBER (TR)</b>	Similar to natural rubber Melts with thinner	Sand and prepare with RehaGol	Yes	Yes	Yes / RehaGol	Yes / RehaGol	Yes / RehaGol	Yes
<b>POLYURETHANE (PUR)</b>	Porous, light weight, integral foam	Sand and prepare with primer for PUR	Yes / Primer	Yes / Primer	Yes / Primer	Yes	Yes / Primer	Yes / Primer
<b>POLYETHYLENE POLYPROPYLENE</b>	"Hard Plastic" for orthopaedics and orthotics	Touch the surface with an open flame (gas) for a few seconds	-----	Yes	-----	-----	-----	Yes / Open gas flame
<b>POLYSTYRENE (PS)</b>	"Hard Plastic" for high heels Melts with acetone	Sand and clean with acetone	Yes	Yes	Yes	Yes	-----	Yes

Please note: It is very important to reduce the amount of pressure applied if the material is soft, otherwise the adhesive layer will be destroyed. The difference between Renia Colle de Cologne (open time: 5-30 minutes) and Renia-Multi-Colle (open time: 3-15 minutes) is in the drying time.

For more info please visit: [www.renia.com](http://www.renia.com)

## RAPIDBOND CONTACT CEMENT

Rapid strength contact cement

103055 (3.78 L)

103056 (18.9 L)



103056



103055

## RAPIDBOND THINNER

103135 (18.9 L)

103134 (3.78 L)



103135



103134

# HELMITIN ADHESIVES & THINNERS

## NEOPRENE ALL PURPOSE ADHESIVES

HELMIFIX ALL PURPOSE CEMENT

2HC20 (18.9 L)

2HC4 (3.78 L)

HELMIFIX RUBBER CEMENT

103148 (3.78 L)

TOLUENE FREE HELMITEX ADHESIVE

103145 (18.9 L)



2HC20



2HC4



103148



103145



## POLYURETHANE ADHESIVES

HELMITIN HELMIPLAST ADHESIVE

2HH4 (3.78 L)

2HH20 (18.9 L)



2HH4



2HH20

## ALL PURPOSE THINNERS

HELMITIN 665 THINNER

2HT4L (3.78 L)

2HT20L (18.9 L)



2HT4L



2HT20L

## RENIA ORTEC MULTI PURPOSE CEMENT

DESIGNED EXCLUSIVELY FOR O & P  
**USE:** bonds all materials Prosthetists and Orthotists PUR, EVA, PP, PE, Leather, Rubber, Foams, Textiles and Metal (not for PVC) Dries clear and stays flexible; perspiration and water resistant. Free from typical allergens.  
**OPEN ASSEMBLY TIME:** 5-60 minutes (TR 10-40 minutes). Ortec can be dried with an infra red lamp: IR-Lamp 80 °C for 3 minutes, shock-activator for 3 seconds.

**2R04** (5 L / 4 kg)  
**100486** (12.5 L / 10 kg)



**TOLUENE & MEK FREE**

**100486**

**2R04**

## RENIA COLLE DE COLOGNE

Designed for shoe-repair and O & P.  
**USE:** bonds PUR, EVA (to each other), Leather, Rubber, PVC and Thermoplastic Rubber (TR). Fast drying; excellent adhesion on difficult and soft rubber. Dries clear.  
**MATERIALS:** All materials used for repairing and producing shoes and boots like leather, rubber, EVA, TR, felt, cork, etc. Can be bonded, even on plastified PVC (Vinyl). For sticking PVC to PVC, or bonding natural rubber, mix the cement with 5-10% Hardener.  
**SHELF LIFE:** Maximum 12 months at 20 °C.  
**OPEN ASSEMBLY TIME:** 5-30 minutes (TR 3-15 minutes; PVC 10-45 minutes).  
 Colle de Collogne can be dried with an infra red lamp: IR-Lamp 80 °C for 3 minutes.

**2RCC4** (5 L / 4 kg)



**TOLUENE & MEK FREE**

## RENIA VULKOFEST CEMENT

Bonds all materials and is used for repairing or producing shoes like EVA, Leather, Rubber, Thermoplastic Rubber (TR), felt, cork etc. Not for PVC. Free from typical allergens.  
**MATERIALS:** All materials used for repairing or producing shoes like leather, rubber, EVA, TR, felt, cork, etc. Can be bonded, but not on plastified PVC (Vinyl). To bond natural rubber, mix the cement with 5-10% Hardener. To bond PVC, use Renia Syntic-Total or Colle de Collogne All Purpose Cement.  
**SHELF LIFE:** Maximum 12 months at 20 °C.  
**OPEN ASSEMBLY TIME:** 15-120 minutes (TR 10-40 minutes). Vulkofest can be dried with an infra red lamp: IR-Lamp 80 °C for 3 minutes, shock-activator for 3 seconds.

**2RV4** (5 L / 4 kg)



**TOLUENE & MEK FREE**

## RENIA TOP-FIT ALL PURPOSE CEMENT

Bonds all materials and is used for repairing or producing shoes like EVA, Leather, Rubber, Thermoplastic Rubber (TR), felt, cork etc. Not for PVC. Free from typical allergens.  
**MATERIALS:** All materials used for repairing or producing shoes like leather, rubber, EVA, TR, felt, cork, etc. Can be bonded, but not on plastified PVC (Vinyl). To bond PVC, use Renia Syntic Total or Renia Colle de Cologne All Purpose Cement.  
**SHELF LIFE:** Maximum 12 months at 20 °C.  
**OPEN ASSEMBLY TIME:** 7-40 minutes (TR 5-15 minutes). Top-FIT can be dried with an infra red lamp: IR-Lamp 80 °C for 3 minutes, shock-activator for 3 seconds.

**2RCT** (60 g Tube)  
**2TF8** (10 L / 8 kg)



**TOLUENE & MEK FREE**

**2TF8**

**2RCT**

## RENIA SUPER FIX ALL PURPOSE CEMENT

Bonds all materials and is used for repairing or producing shoes like leather, EVA, rubber, Thermoplastic Rubber (TR), felt, cork, etc. Not for PVC. Free from typical allergens.  
**MATERIALS:** All materials used for repairing or producing shoes like leather, EVA, rubber, Thermoplastic Rubber (TR), felt, cork etc. Can be bonded, but not on plastified PVC. To bond natural crepe, mix the cement with 5-10% Hardener.  
**SHELF LIFE:** Maximum 12 months at 20 °C.  
**OPEN ASSEMBLY TIME:** 5-50 minutes (TR 3-20 minutes). Super-FIX can be dried or reactivated with an infra red lamp.

**2RSFG** (3.78 L / 3 kg)



**TOLUENE & MEK FREE**

## RENIA SYNTIC TOTAL VINYL CEMENT

Bonds all materials and is used for repairing or producing shoes like leather, EVA, rubber, Thermoplastic Rubber (TR), foam rubber, PVC (Vinyl), felt, cork, transparent materials, Perbunan-N, Nylon etc.  
**MATERIALS:** Bonds all materials used for repairing or producing shoes like leather, EVA, rubber, Thermo-plastic Rubber (TR), foam rubber, PVC (Vinyl), felt, cork, transparent materials, Perbunan-N, Nylon etc. to each other as well as all other upper materials.  
**SHELF LIFE:** Maximum 12 months at 20 °C.  
**OPEN ASSEMBLY TIME:** 5-30 minutes (TR 3-15 minutes, PVC 10-45 minutes). Synti-TOTAL can be dried with an infra red lamp: IR-Lamp 80 °C for 3 minutes.

**2RS4** (5 L / 4 kg)



**TOLUENE & MEK FREE**

## RENIA PROTO-COLLE (CYANOACRYLATE)

**PROTO-COLLE S** (20 g Instant cure)  
**2RPS**

**PROTO-COLLE H** (20 g Delayed cure)  
**2RPH**

**PROTO-COLLE F** (20 g Flexible)  
**2RPF20**



**2RPS**

**2RPH**

**2RPF20**

Accelerator for cyanoacrylate adhesives (see page 181)

**RENIA PROTO-COLLE** bonds all materials and is used for repairing shoes like EVA, rubber, Thermo-plastic Rubber (TR), PUR, etc. Also fit for bonding technical products like iron, EPDM, O-rings, etc.

**INSTRUCTIONS:** Grind or cut materials like rubber, PVC, EPDM, or clean with Acetone. Coat a few drops only on one side. Bring the pieces together within a few seconds.

**OPEN ASSEMBLY TIME:**  
INSTANT . . . . . 15-90 seconds.  
DELAYED . . . . . 20-120 seconds.  
FLEXIBLE . . . . . 5-60 seconds.

**HIGHLIGHTS:** Because of the fast crystallisation and the high initial power of Proto-Colle, it is possible to handle the bonded pieces without delay. The heat resistance is high enough to trim or buffer the sole or heel. The glue-power increases continuously during the first hour.

**SHELF LIFE:** Maximum 6 months at 20°C; 12 months at less than 6°C.

**MATERIALS:** All materials used for repairing shoes like EVA, PUR, rubber, hermoplastic Rubber(TR), etc. Also fit for bonding technical products like iron, EPDM, O-rings, etc.

## RENIA PRIMER FOR PUR

**RENIA PRIMER FOR PUR** (100ml with no applicator) is used to improve the finished bond when gluing polyurethane.

**MATERIALS:** Clear liquid primer based on isocyanates for the bonding of shoe materials with CR-based adhesives.

**SHELF LIFE:** Six months. Store in a cool, dry place

**103143** (100 mL)  
**2RP250** (250 mL)



**2RP250**

**103143**

**INSTRUCTIONS:** Shoe materials of PUR-foam are likely to undergo a rapid aging caused by microbes and water. Multi-purpose cements only bond the surface of the PUR-materials. Under heavy load or stress, the spongy material will break. Therefore, the PUR bottom has to be rein-forced by coating with either Renia Syntic-TOTAL Vinyl Cement or Renia Primer for PUR. The advantage of using Renia Primer for PUR is its very short open time; the application of Renia adhesive is instantly possible.

**PRETREATMENT:** Wet shoes have to be dried first by putting the sanded shoe bottom with absorbing paper in the press for a few seconds.

**OPEN ASSEMBLY TIME:** A few seconds.

**HIGHLIGHTS:** Renia Primer for PUR is sensitive to moisture and dirt and will be decom-posed by metals. Only use a clean, dry brush. The decomposed substance appears as a white precipitate on the bottom.

**THINNER:** Not useable.

## RENIA REHAGOL

**RENIA REHAGOL** (100ml with no applicator) is used to improve the finished bond when gluing thermoplastic rubber (TR)

**MATERIALS:** Clear liquid primer containing organic substance for the treatment of thermoplastic rubber (TR) and latex.

**SHELF LIFE:** Six months. Store in a cool, dry place.

**INSTRUCTIONS:** Latex, as well as certain mixtures of TR that cannot or can only be insufficiently bonded by CR and PUR-based cements make it absolutely necessary to pretreat with Renia Rehagol. To identify TR, put a few drops of Renia deSohl onto the material and check its solubility by wiping with a towel. If the surface is dissolved by the solvent, the material is thermoplastic rubber.

**103144** (100 mL)



**103144**

**OPEN ASSEMBLY TIME:** Up to 60 minutes, depending on the substrate and the adhesive to be applied.

**HIGHLIGHTS:** Renia Rehagol can only be applied in combination with one of the following Renia adhesives: Colle de Cologne and Syntic Total. Before applying Renia Rehagol, the material needs to be ground and cleaned from dust. Then coat the material with Renia Rehagol using a brush and let the primer impact on the surface for a certain period. Depending on the Renia adhesive to be applied after halogenation, the reaction time varies from 0 to 60 minutes. Renia Rehagol is sensitive to moisture and will be decomposed by metals. The decomposed substance appears as a white precipitate on the bottom.

**THINNER:** Not useable.

## RENIA AQUILIM 315 • DISPERSION

**RENIA AQUILIM:** is a solvent-free dispersion particularly designed for the bonding materials of the shoe industry such as Pedorthic, Prosthetics, lamination bags, foam and other related materials. These materials include, PUR (PPT, Poron), EVA, PP, PE, leather, rubber, foams, cork, felt, Styrene, ABS wood, metal etc. Dries clear & stays flexible.

**100618** 0.5 kg / 0.5 L  
**100619** 3 kg / 3 L



**100619**

**100618**



**INSTRUCTIONS:** First grind or sand all the materials. Clean foam only from separators (tests are necessary). Apply Aquilim 315 on both sides, which can be done by spraying, applied with a roll, brush, doctor blade or by moulding method. If a porous material is combined with a compact material, apply only on the compact side and fix the parts within a few minutes. Oily surfaces should be cleaned with acetone or thinner.

**DRYING TIME:** According to the combination of the materials and the method of application drying-time is 30-60 min. The adhesive film can be reactivated with an IR lamp, with a quartz heater, a high-capacity IR-UV lamp or a heat gun. The adhesive has dried when the film has become transparent and then is ready for bonding. Aquilim has a strong tendency to crystallize. A few hours later work on the parts can be continued. The strength continually increases within 2 days.

**STORAGE:** Maximum 12 months at 20° C. **ATTENTION:** SENSITIVE TO FROST & CHILL! Never allow freezing to occur as it will destroy the adhesive.

**PRESSURE:** For Shoes: 1-5 bar for at least 30 seconds For Plates: 1 bar per 100 cm

**CLEANING:** Rinse and clean flasks and tools with water. Water can be added to the Aquilim for small quantities, but for larger quantities acid should be added instead to separate the precipitated solid contents.

**POT LIFE:** Use only as a one component system.

**THINNER:** Normal tap water is all that is needed to thin Renia Aquilim 315.

# RENIA HARDNERS & THINNERS

## RENIA CORK FILLER

Renia's cork filler, formulated with a solvent-based binder, is designed for application in corked footwear, welted shoes and leather goods as a granular filler. Apply as required for desired thickness and shape, allowing drying time of up to 24 hours, depending on usage. The dried layer can be sanded and bonded once 24 hours have passed.

**103759** (450 g / 16 oz)



**103759**

## RENIA THINNER

**RENIA THINNER:** (1L) multi-purpose thinner for all Renia Cements, except Renia Syntic. Use our National Acetone for Renia Syntic Total Vinyl Cement.

**INSTRUCTIONS:** Add only small amounts of thinner at a time. Can also be used for cleaning brushes, etc.

**HIGHLIGHTS:** Toluene-free solvent. Suitable for Renia Cements (except Syntic), and most other cements as well.

**MATERIALS:** Multi-purpose thinner for all Renia Cements, except Renia Syntic.

**SHELF LIFE:** Unlimited

**2RT1** (1 L)

**100760** (5 L)



**2RT1**

## RENIA HARDNER

**RENIA HARDENER:** (50ml) used to improve the finished bond and heat resistance when gluing vinyl (PVC), natural rubber and chrome leather.

**MATERIALS:** Clear liquid containing organic substance for increasing the heat and chemical resistance of all Renia adhesives.

**SHELF LIFE:** Six months. Store in a cool, dry place.

**INSTRUCTIONS:** Mix 5-10% of Renia Hardener with any Renia Adhesive.

**HIGHLIGHTS:** By mixing 5-10% of Renia Hardener with Renia Syntic, it will be an excellent adhesive for most heat, oil and gasoline resistant safety shoes. After bonding let the shoe sit for a minimum of 24 hours; thus allowing the adhesive and hardener time to react.

**POT LIFE:** 4-6 hours.

**THINNER:** Not useable.

**101441** (100 mL)



**101441**

# ADHESIVES, THINNERS, DISPENSERS & BRUSHES

## SPRAY ADHESIVES

**3M FOAMFAST 74 • (480 g)**

**FEATURES:**

- Fast track • Foam tearing strength • Soft, non-dimpling glue line
- Low misting, precise spray control • Variable width spray pattern

**APPLICATIONS:**

- General upholstery foam bonding • Bond smaller foam pieces together • Form foam shapes by knife edge bonding, boxing, edge turning • Attach foam to metal • Bond fabrics to aircraft interiors, speakers, office partitions

**23MSA74**

**3M SUPER 77 - SPRAY ADHESIVE (467 g)**

**FEATURES:**

- High coverage • Versatile - securely bonds many lightweight materials • Low soak-in for long lasting bonds
- Fast, aggressive tack • Long bonding range

**APPLICATIONS:**

- Excellent for variety of display and furniture jobs • Attach fiberglass insulation • Attach wiring diagrams and labels
- Bond some gaskets • Bond thin decorative film, foils and fabrics

**23MSA77**

**3M HI-STRENGTH 90 - SPRAY ADHESIVE (500 g)**

**FEATURES:**

- Fast, high contact bond strength • 1 to 10-minute open time • High temperature resistance
- Low misting, precise spray control • Variable width spray pattern

**APPLICATIONS:**

- Bond decorative laminate to tables, cabinets and shelving • Bond kick plates to office desks
- Adhere polyethylene, polypropylene to wood, metal and many other materials • Attach plastic sign lettering to wood

**23MSA90**



**23MSA74**

**23MSA77**

**23MSA90**

## ADHESIVES (CYANOACRYLATE), QUICK SET

**FORTE PLUS:** Dries clear with no white residue.

**2FP50** (50 g)

**2FP20** (20 g)



**2FP50**

**2FP20**



## SHOE GOO

Shoe Goo is a superior adhesive that works on leather, rubber, vinyl and canvas.

**100681** (29.5mL, 1 oz)

**100680** (109.4mL, 3.7 oz)



**100681**

**100680**

## BARGE

**BARGE ALL PURPOSE CEMENT TUBES**

**3BCT34** (22 mL, 3/4 oz)

**3BCT2** (59mL, 2 oz)



**3BCT34**

**3BCT2**

# DISPENSERS, BRUSHES & PLATES

## CEMENT DISPENSERS & BRUSHES



**1" T.S.B. FLAT BRUSH**  
**2TSBB1**



**METAL GLUE DISPENSER**  
**2GDP** (Pump)



**PLASTIC T.S.B. CEMENT DISPENSER**  
**100290** (Minor 0.4 L)  
**2TSBS** (Small 0.9 L)  
**2TSB** (Large 1.5 L)



950 mL Capacity

**EMPTY ROUND CEMENT CAN**  
(with Brush in Cap)  
**100815**



**REPLACEMENT CAP & BRUSH**  
**100817**



**T.S.B. REPLACEMENT BRUSH**  
**2TSBB** (9.5 mm, 3/8")  
**2TSBBL** (12.7 mm, 1/2")

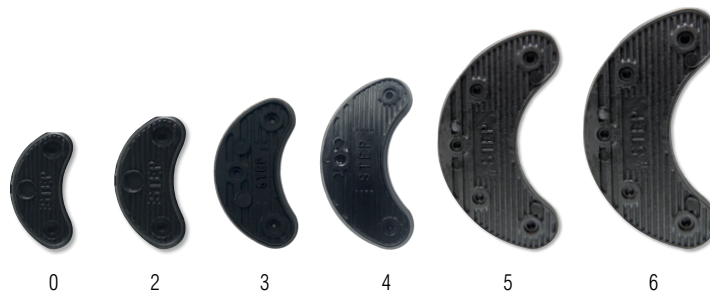


**REPLACEMENT BRUSH**  
**2GDPRB**

## TRAVELER PLATES

### POLYURETHANE SHOE PLATES - BLACK

- 101315** (SIZE: 0) (100 pr box)
- 101318** (SIZE: 2) (100 pr box)
- 101320** (SIZE: 3) (100 pr box)
- 101322** (SIZE: 4) (100 pr box)
- 101324** (SIZE: 5) (100 pr box)
- 101326** (SIZE: 6) (50 pr box)



0 2 3 4 5 6

# KNIVES, HAND TOOLS AND FINDINGS

## KNIVES, BLADES & HANDLES



**30.5 cm, 12" FRENCH**  
**BLADE**  
**2FB**



**TINA KNIFE WITH RUBBER GRIP**  
**2TK**



**CURVED LIP KNIFE**  
6 cm x 1.6 cm, 2.4" X 0.6" 17 GAUGE  
**2CLK**

HAND TOOLS



**OSBORNE #245 BELT PUNCH**

- 101560** #00 (1.6 mm, 1/16")
- 101561** #0 (2 mm, 5/64")
- 101562** #1 (2.4 mm, 3/32")
- 101563** #2 (3.2 mm, 1/8")
- 101564** #3 (3.6 mm, 9/64")
- 101565** #4 (4 mm, 5/32")
- 101566** #5 (4.4 mm, 11/64")
- 101567** #6 (4.8 mm, 3/16")

**OSBORNE BELT PUNCH**

- 2BP9** #9 (6.4 mm, 1/4")
- 2BP11** #11 (7.1 mm, 9/32")
- 2BP12** #12 (7.9 mm, 5/16")
- 2BP13** #13 (8.7 mm, 11/32")
- 2BP14** #14 (9.5 mm, 3/8")
- 2BP16** #16 (11.1 mm, 7/16")
- 2BP17** #17 (12.7 mm, 1/2")
- 2BP18** #18 (14.3 mm, 9/16")
- 2BP19** #19 (15.9 mm, 5/8")



**OSBORNE #151 BAG PUNCH**

- 20BP12** (12.7 mm, 1/2")
- 20BP58** (15.9 mm, 5/8")
- 20BP34** (19 mm, 3/4")
- 20BP1** (25.4 mm, 1")
- 20BP114** (31.8 mm, 1 1/4")
- 20BP112** (38 mm, 1 1/2")
- 20BP2** (50.8 mm, 2")

**LAST STAND  
2LS**



HAND TOOLS

**REVOLVING PUNCH\***

(6 Non-Replaceable Tubes)  
**2RP**

\*Note: May have a thin oil coating to prevent rust (Can be removed with soap and water)



ECONOMY  
MODEL

**20 CM, 8"  
OSBORNE HEEL Pincer  
20HP**



**OSBORNE #155 REVOLVING  
PUNCH**

(6 Replaceable Tubes)  
**20155**



FINEST  
QUALITY

**15.3 cm, 6"  
KNIPEX HEEL Pincer  
2KECN**



**OSBORNE #155  
REPLACEMENT TUBES**

- 101574** (00), **101575** (0), **101576** (1)
- 101577** (2), **101578** (3), **101579** (4)
- 101580** (5), **101581** (6), **101582** (7)



**SOLING LEATHER SHEARS  
2SLS**



**OSBORNE #155 - ANVIL  
20A**



**OSBORNE #155  
SIDE SPRING  
20SS**



**20 CM, 8"  
GOLDSEAL RUG SHEARS  
(FOR HEAVY DUTY CUTTING)  
2GRS**



**OSBORNE #155 - HANDLE  
SPRING  
20HS**



**20 cm, 8"  
GOLDSEAL SHEARS  
2GS8**



**SINGLE TUBE PUNCH  
SIZES: 00 Tube  
2STP**



**20 cm, 8"  
OSBORNE #708 LEATHER  
SHEARS  
20LS**



**GOLDSEAL THREAD SNIPS  
2GTN**





## HAND TOOLS

**TACK HAMMER**  
**2TH**



Magnetic

**SHOE STORE HAMMER**  
**2SSH**



**FRENCH HAMMER**  
**2FHW**



**OSBORNE TACK PULLER**  
**20TP**



**SNAP SETTER KIT**  
**101585** (Baby)  
**101586** (Regular)

For Regular and Baby Snaps



**SOLE RUFFER**  
**2SR**



**SOLE RUFFER REFILL**  
**2SRR**



**HEEL NAILER (TUBULAR)**  
**2HN**



**RASP - CONVENTIONAL**  
**2R1**



**10" NORTON SHARPENING STONE**  
Crystolon Combination Fine and  
Medium  
**2JT930**



**6" KNIPEX DIAGONAL NIPPER**  
**2KDN**



**TAPE MEASURE**  
**2TM**

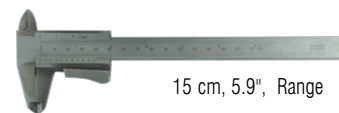


60 cm, 23.6"/Stitch  
English Sizes

**LEATHER MARKER REFILL**  
Ball Point Refill designed especially  
for writing on rubber or leather  
**2LMR**



**DIRECT READING  
PRECISION CALIPER**  
**2DRPC**



15 cm, 5.9", Range

**WING DIVIDER**  
**2WD**



**WING DIVIDER - DELUXE**  
**2WDD**



**TRIANGULAR FILE**  
**2TF**









**RASP - LONG WITH  
WOODEN HANDLE**  
**2R2**



**HEEL EDGE FILE**  
**2HEFR** (Right)  
**2HEFL** (Left)



NATIONAL SHOE NAILS & TACKS (1 POUND BOXES)	DESCRIPTION	CODE
<p><b>NS THREADED NAILS</b></p> 	Ø	
	(5/8) 1.8 mm x 16 mm	<b>103450</b>
	(6/8) 1.8 mm x 20 mm	<b>103451</b>
	(7/8) 1.8 mm x 22 mm	<b>103452</b>
	(8/8) 1.8 mm x 25 mm	<b>103453</b>
	(10/8) 1.8 mm x 32 mm	<b>103454</b>
<p><b>NS HAND TACKS</b></p> 	(3/4 oz) 6 mm	<b>103455</b>
	(1 oz) 8 mm	<b>103456</b>
	(2 oz) 10 mm	<b>103457</b>
	(3 oz) 12 mm	<b>103458</b>
	(4 oz) 14 mm	<b>103459</b>
	(5 oz) 18 mm	<b>103460</b>
	(6 oz) 24 mm	<b>103461</b>
<p><b>NS BLUE BRADS NAILS</b></p> 	(5/8 - 18) 1.5 mm x 16 mm	<b>103462</b>
	(6/8 - 18) 1.5 mm x 20 mm	<b>103463</b>
	(8/8 - 18) 1.5 mm x 25 mm	<b>103464</b>
	(5/8 - 19) 1.4 mm x 16 mm	<b>103465</b>
	(6/8 - 19) 1.4 mm x 20 mm	<b>103466</b>
<p><b>NS RUBBER HEEL NAILS</b></p> 	(7/8 - 13) 2.2 mm x 22 mm	<b>103467</b>
	(8/8 - 13) 2.2 mm x 25 mm	<b>103468</b>
	(9/8 - 13) 2.2 mm x 29 mm	<b>103469</b>
	(10/8 - 13) 2.2 mm x 32 mm	<b>103470</b>
<p><b>NS ATTACHING CC NAILS</b></p> 	(5/8 - 17) 1.5 mm x 16 mm	<b>103471</b>
	(6/8 - 17) 1.5 mm x 20 mm	<b>103472</b>
	(7/8 - 17) 1.5 mm x 22 mm	<b>103473</b>
	(8/8 - 17) 1.5 mm x 25 mm	<b>103474</b>
<p><b>NS WIRE CLINCH NAILS</b></p> 	(5/8 - 16) 2 mm x 16 mm	<b>103475</b>
	(6/8 - 16) 2 mm x 20 mm	<b>103476</b>
	(7/8 - 16) 2 mm x 22 mm	<b>103477</b>
	(8/8 - 16) 2 mm x 25 mm	<b>103478</b>
	(10/8 - 16) 2 mm x 32 mm	<b>103479</b>
	(12/8 - 16) 2 mm x 38 mm	<b>103480</b>

# WOOD PEGS, HEEL COVERS & REPLACEMENT HEELS

## WOOD HEEL PEGS

- 101986** Small Sold per Bag (approx. 500pcs)
- 101987** Medium Sold per Bag (approx. 400pcs)
- 101988** Large Sold per Bag (approx. 225pcs)



## PLASTIC HEEL PEGS

Polypropelene plastic pegs have a harpoon shape, specially designed to improve heel holes and durability of heel repair.

- 102980** Small Sold per Box (approx. 200pcs)
- 102981** Medium Sold per Box (approx. 200pcs)
- 102982** Large Sold per Box (approx. 200pcs)

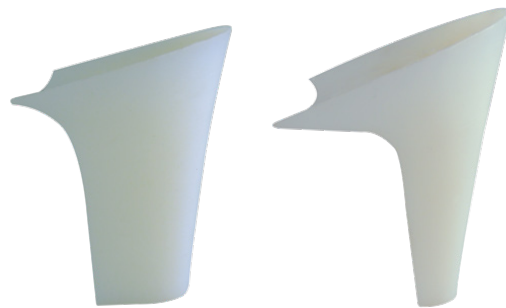


ACTUAL SIZES SHOWN

## REPLACEMENT HEELS

**T61** HEEL HEIGHT: 5.9 cm, 2.3" HEEL BASE: 3.3 cm, 1.3"  
**101753** (Size 6), **101754** (Size 8), **101755** (Size 10)

**T72** HEEL HEIGHT: 5.9 cm, 2.3" HEEL BASE: 4.6 cm, 1.8"  
**101759** (Size 6), **101760** (Size 8), **101761** (Size 10)



T61

T72

## LEATHER HEELS & HEEL COVERS



### PRE-CUT LEATHER HEEL COVERS

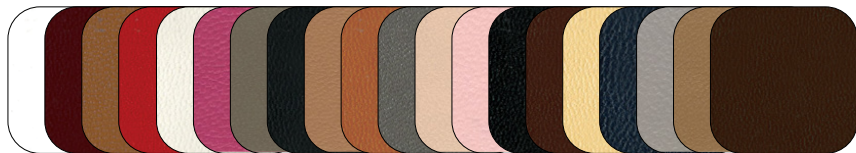
COLOURS:

- |                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| <b>102998</b> (White)       | <b>102999</b> (Black)       | <b>103000</b> (Matte Black) |
| <b>103001</b> (Burgundy)    | <b>103002</b> (Dark Bone)   | <b>103003</b> (Dark Brown)  |
| <b>103004</b> (Med Brown)   | <b>103005</b> (Light Brown) | <b>103006</b> (Beige)       |
| <b>103007</b> (Red)         | <b>103008</b> (Caramel)     | <b>103009</b> (Navy Blue)   |
| <b>103010</b> (Ivory)       | <b>103011</b> (Dark Grey)   | <b>103024</b> (Light Grey)  |
| <b>103025</b> (Fushia)      | <b>103026</b> (Tan)         | <b>103027</b> (Taupe)       |
| <b>103028</b> (Muddy Water) | <b>103029</b> (Pink)        | <b>103030</b> (Tuft Bush)   |

### LEATHER HEEL BASES

COLOUR: Natural  
 HEEL HEIGHT: 1/2"

- |                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| <b>101517</b> Size 8(26)  | <b>101518</b> Size 10(28) | <b>101519</b> Size 12(30) |
| <b>101520</b> Size 14(32) | <b>101521</b> Size 16(34) | <b>101522</b> Size 18(36) |
| <b>101523</b> Size 20(38) |                           |                           |



\* Available colour swatches



**STACKED LEATHER HEEL COVER-MEN**  
**102732**



**STACKED LEATHER HEEL COVER-WOMEN**  
**102733**



**STACKED LEATHER HEEL COVER-U**  
**102734**



**STACKED LEATHER HEEL COVER-H**  
**102735**

## AVANTI PIN LIFTS

ACTUAL SIZES SHOWN

### BLACK/BLUE PIN

101304 (0), 101305 (2), 101306 (4)

### BLACK/GOLD PIN

101294 (XS), 101295 (S), 101296 (0), 101297 (2),  
101298 (4), 101299 (6), 101300 (8), 101301 (10),  
101302 (12), 101303 (14)

### BLACK/SILVER PIN

101309 (0), 101310 (2), 101311 (4),  
101312 (8)

All sizes available in 1/2" pin length  
Black head - Blue Pin .110: 0, 2, 4, 8  
Black head - Gold Pin .120: XS, S, 0, 2, 4, 6, 8, 10, 12, 14  
Black head - Silver Pin .130: XS, 0, 2, 4, 8



**IMPORTANT:** Please indicate head size and pin thickness

## CT PIN LIFTS

ACTUAL SIZES SHOWN

### TINY

101843 Black/Aqua Pin .095

101846 Black/Blue Pin .110

101850 Black/Gold Pin .120

### PEEWEE

101844 Black/Aqua Pin .095

101847 Black/Blue Pin .110

101851 Black/Gold Pin .120

### 179

101845 Black/Aqua Pin .095

101848 Black/Blue Pin .110

101841 Brown/Gold Pin .120

101852 Black/Gold Pin .120

### 1200

101849 Black/Blue Pin .110

101842 Brown/Gold Pin .120

101853 Black/Gold Pin .120



TINY



PEEWEE



179



1200

### CT PIN LIFTS - OVERSIZE

101854 XL/Brown

101855 XL/Black Gold

101856 Oblong

101857 Ultra Oblong

101858 Platform

All sizes available in 1/2" pin length

Black head / Gold Pin .120

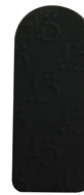
Brown head / Gold Pin .120

- Oblong, Extra Large,
- Ultra Oblong, Platform
- Extra Large

**IMPORTANT:** Please indicate head size and pin thickness



EXTRA LARGE



OBLONG



ULTRA OBLONG



PLATFORM

## NS PIN LIFTS - COMFORT STEPS

### NS PIN LIFTS - COMFORT STEPS

<b>101945</b> (Black 9 mm)	<b>101946</b> (White 9 mm)	<b>101947</b> (Beige 9 mm)
<b>101948</b> (Black 10.5 mm)	<b>101949</b> (White 10.5 mm)	<b>101950</b> (Beige 10.5 mm)
<b>101951</b> (Black 13.5 mm)	<b>101952</b> (White 13.5 mm)	<b>101953</b> (Beige 13.5 mm)
<b>101954</b> (Black 16 mm)	<b>101955</b> (White 16 mm)	<b>101956</b> (Beige 16 mm)
<b>101957</b> (Black 19 mm)	<b>101958</b> (White 19 mm)	<b>101959</b> (Beige 19 mm)
<b>101960</b> (Black 22 mm)	<b>101961</b> (White 22 mm)	<b>101962</b> (Beige 22 mm)



All sizes available in 1.3 cm, 1/2" pin length and .120 pin size  
**COLOURS:** Black, White, Beige



ACTUAL SIZES SHOWN

## "RED" BRAND BI-COMPONENT PIN LIFT - BLACK

Double Layer. Special polyurethane bi-component ladies pin heels for repairing. Has combined two layers with two different polyurethane formulas to get the right balance between hardness and elasticity.

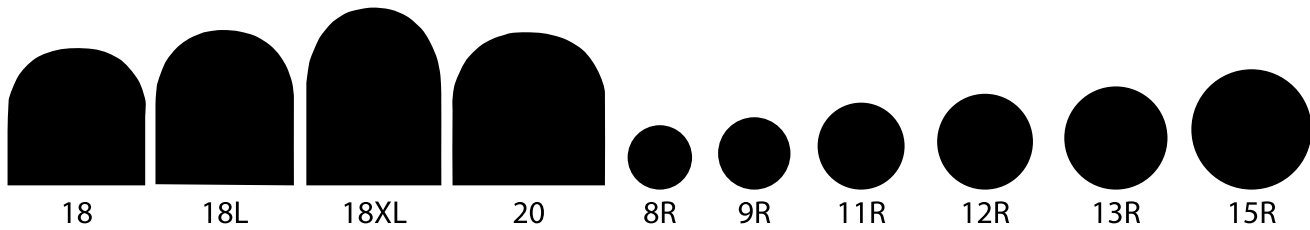
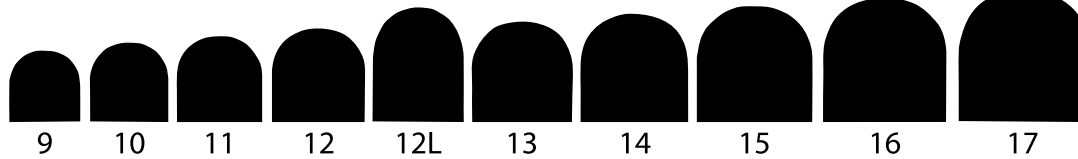
**Abrasion resistance:** 25 mm  
**Size:** 3.05 mm (.120")

<b>102960</b> # 9	<b>102961</b> # 10	<b>102962</b> #11	<b>102963</b> #12
<b>102964</b> #12L	<b>102965</b> #13	<b>102966</b> #14	<b>102967</b> #15
<b>102968</b> #16	<b>102969</b> #17	<b>102970</b> #18	<b>102971</b> #18L
<b>102972</b> #18XL	<b>102973</b> #20	<b>102974</b> #8R	<b>102975</b> #9R
<b>102976</b> #11R	<b>102977</b> #12R	<b>102978</b> #13R	<b>102979</b> #15R



\*\* Available in black only \*\*  
 Box quantity = 50

ACTUAL SIZES SHOWN



## STEEL SHANKS

**STEEL REPAIR SHANKS**  
 (2 dozen per box)  
**2SRS**



• PLEASE SPECIFY STYLE No. WHEN ORDERING STEEL SHANKS

## HEEL TUCKS

**FIBRE HEEL TUCKS**  
 100 per bag 1 Size Only  
**2FHT**



## LEATHER STAIN, INK & BRUSH

### FIEBING'S BURNISHING INK

(944 mL, Quart)  
**101392** Dark Brown **101393** Black  
 (3.785 L, Gallon)  
**101394** Dark Brown **101395** Black

### FIEBING'S #742 BOTTOM STAIN LEATHER SOLE FINISH (Quart)

COLOUR: Oak  
**2FBS**

**INK BRUSH**  
 Wood handle  
**103512**



## LEATHER / SUEDE DYES & DRESSINGS

### FIEBING'S LEATHER DYE - (118 mL, 4 oz)

**101419** Black **101420** Mahogany **101421** Tan **101422** Dark Brown  
**101423** Mid Brown **101424** Light Brown **101425** Maroon **101426** Red  
**101427** Navy

### FIEBING'S LEATHER DYE - (946 mL, Quart)

**101396** Black **101397** Mid Brown **101398** Light Brown **101399** Dark Brown  
**101400** Tan **101401** Cordovan **101402** Green **101403** Dark Red  
**101404** Red **101405** Maroon **101406** Light Blue **101407** Navy  
**101408** Orange

### FIEBING'S LEATHER DYE - (3.785 L, Gallon)

**101409** Black **101410** Dark Brown **101411** Light Brown **101412** Tan

### FIEBING'S SUEDE DYE - (118 mL, 4 oz)

**101428** Black **101429** Med Grey **101430** Burgundy **101431** Dark Brown,  
**101432** Med Brown **101433** Navy

### FIEBING'S OIL DYE - (946 mL, Quart) Black

**101413** Black **101414** Dark Brown

### FIEBING'S EDGE DRESSING - (118 mL, 4 oz)

**101415** Black **101416** Brown



## GLOVES

### NITECH® EDT - LATEX-FREE (100 Gloves per Box)

Easy Donning Technology (EDT) makes it easier to don gloves on moist wet hands. Blue Nitech® EDT examination gloves are made from a premium blend of polymeric synthetic materials that are disposable, non-sterile, ambidextrous and powder free. The gloves are blue, smooth and CFIA, Medical Device License Certified.

**103633** (S) **103632** (M)  
**103636** (L)

### LATEX GLOVES (100 Gloves per Box)

Powder Free, made from natural rubber latex. Durable, single use gloves protect against nicks/cuts and oil grease/organic solvent. Excellent sensitivity.

**2LGS** (S) **2LGM** (M)  
**2LGL** (L) **2LGXL** (XL)

### WOOL DYE SWABS

**2WDS** (S) 12.7 cm, 5" Regular Wool Dauber  
**2WDSL** (L) 11.7 cm 4 5/8" Jumbo Wool Dauber



## DEGLAZERS & SHOE STRETCH

### NATIONAL ACETONE

Powerful solvent and leather deglazer.

**2NA1** (1 L, 1 qt)  
**2NA4** (4 L, 1 gal)

### NATIONAL SHOE STRETCH

Permanently stretches leather and suede.

**2NSS1** (1 L, 1 qt)  
**2NSS4** (4 L, 1 gal)



# SHOE REPAIR TOOLS & ACCESSORIES

## WAXES & OILS

**MACHINE CLEANER** - (946, mL, 1 qt)  
**2SMCQ**

**STITCHER OIL** - (946, mL, 1 qt)  
**2S0**

**HOT WAX** - (1 Pound Cake)  
**2SW1**

**STITCHING WAX** - (946, mL, 1 qt)  
**2SSWQ**

**YANKEE WAX**  
**100790** Black  
**100791** Dark Brown  
**100792** Med Brown  
**100793** Negro  
**100794** Neutral



**2SMCQ**



**2S0**



**2SW1**



**2SSWQ**



**100790**

## FIEBING'S LEATHER PRODUCTS

**FIEBING'S GLYCERINE SADDLE SOAP** (4 L, 1 gal)  
Cleans, softens and preserves leather articles.  
**2FGSS4**



**FIEBING'S SADDLE OIL**  
Leather softener and preserver. Blended Silicone/Lanolin.  
**2FSOP** (473 mL, 16 oz)  
**2FSO1** (946 mL, 32 oz)  
**2FSOG** (3.785 L, 1 gal)



**FIEBING'S NEATSFOOT OIL COMPOUND**  
**2FNO4** (3.785 L, 1 gal)



**FIEBING'S 4 WAY CARE LEATHER CONDITIONER**  
Fiebing's 4 Way Care preserves, strengthens, beautifies and cleans leather articles and restores natural oils.  
**3F4WCG** (3.785 L, 1 gal)



**FIEBING'S TAN-KOTE**  
Protective finish for all smooth leathers.  
COLOUR: Natural  
**2FTK1** (946 mL, 32 oz)



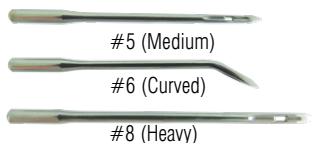
**FIEBING'S ACRYLIC RESOLENE**  
Prevents dye from rubbing off.  
**2FR1** (946 mL, 32 oz)



## SPEED STITCHER & AWL



**OSBORNE AUTOMATIC AWL**  
Complete with one heavy and one curved needle.  
**20AA**



**OSBORNE AWL NEEDLE**  
**101571** (Medium), **101572** (Curved)  
**101573** (Heavy)



**PEGGING AWL HAFT**  
**2PAH**



**PEGGING AWL #2**  
**2PA**

# NEEDLES, STITCHERS & SHARPENING WHEELS

## AUTO SOLER WIRE & STITCHER AWLS

### AUTO SOLER DRIVERS - 3 per pkg

#2255  
For Nosecone 12 and Comet 12  
**2ASD2255**

#2334  
For Comet 10  
**2ASD2334**



### AUTO SOLER WIRE

CINDERELLA - 4 1/2"  
**2ASWC4**



CONTINENTAL 8  
**2ASWC8**



SPEEDMASTER 8  
**2ASWS8**



NOSECONE/COMET 12  
**2ASWC12**

### STITCHER AWLS

LANDIS  
**101813** (#22-47), **101814** (#23-45)  
**101815** (#24-43)

RAPID E AWL  
SIZES: 45  
**2STARE**



## AWLS & SHOEMAKER NEEDLES

### HAND SEWING AWL #12

**2HSA**



### PEGGING AWL #2

**2PA**



### SHARP

**101583** 4.8 cm, 1 7/8"

**101584** 5.4 cm, 2 1/8"



### GLOVERS

**101568** (000), **101569** (0)

**101570** (2)



### BLUNT 000

**101558** (0), **101559** (000)



### LACING NEEDLE

(Ideal for lacing gloves)

**2LN**



### HARNESS AWL #48

**2HA**



### STABBING AWL #32

**2SA**



### BENT PACK NEEDLE

**2BPN**



### CURVED NEEDLE 3"

**2CN**



## MCKAY / STITCHER NEEDLES & SHARPENING WHEELS (SOLD BY EACH)



### MCKAY NEEDLES

\* Please specify the make and model number on your stitcher when ordering McKay needles



### LANDIS 36 & 36A (HAND SEW NEEDLE)

**2MNL** (SIZE: 5)

### CHAMPION, LANDIS 77, 88, 66

**101790** (#33), **101791** (#36)

### SUTTON 600, 296, 296A & AUTOSOLER

**2MNS** (SIZE: 5)

### HARDO BESSER DN76, DN86, DN2000

**2MNH** (SIZE: 5)

### LANDIS

**101816** (#22-50), **101817** (#23-47)

**101818** (#24-45)

### RAPID E CURVED

**101819** (#45), **101820** (#47)

**101821** (#50)

### GOODYEAR

SZW 105 1/2" BORE

**101777**

### LANDIS

SZW 323 3/4" BORE

**101778**

## NEEDLES



### TEXTIMA NEEDLES

#81 4.8 cm, 1.9"

**101822** (#100/2), **101823** (#110/3)

**101824** (#120/4), **101825** (#130/5)



### ADLER NEEDLES for LARGE BOBBIN

(Sold as 10 pack)

#332 LONG 5.4 cm, 2.1"

**101771** (#100/16), **101772** (#110/18),

**101773** (#120/19), **101774** (#130/21),

**101775** (#140/22), **101776** (#160/23)



### SINGER & ADLER needles for SMALL BOBBIN

(Sold as 10 pack)

#332 4.4 cm, 1.7"

**101764** (#90/14), **101765** (#100/16),

**101766** (#110/18), **101767** (#120/19),

**101768** (#130/21), **101769** (#140/22),

**101770** (#160/23)



## NYLON PATCHER THREAD & LUBRICANT



**NYLON PATCHER THREAD #CBB69**  
(300 m, 328 yd)

**COLOURS:**

- 101587** Black
- 101588** White
- 101589** Navy (#35834)
- 101590** Royal Blue (#35)
- 101591** Dark Brown (#87)
- 101592** Mid Brown (#86)
- 101593** Light Brown (#61)
- 101594** Dark Beige (#62)
- 101595** Light Beige (#54)
- 101596** Pink (#35845)
- 101597** Red (#51)
- 101598** Maroon (#64)
- 101599** Yellow (#10221)
- 101600** Dark Green (#OG107)
- 101601** Light Green (#19528)
- 101602** Dark Grey (#8965)
- 101603** Light Grey (#66)
- 101604** Pale Green (#67)



**NYLON PATCHER THREAD -#CBB69**  
(6000 m, 6561.7 yd)

- 101605** (Black)
- 101606** (White)
- 101607** (Dark Brown #87)
- 101608** (Beige #54)



**NYLON THREAD #CBB46**  
(9500 m, 10389.3 yd)

**2NT46**

COLOUR: Black



**NYLON THREAD #CBB138**  
(2750 m, 30007.4 yd)

**2NT138**

COLOUR: Black



**THREAD LUBRICANT**  
(0.95 cm, 1 qt)  
**2STLQ**



## STITCHER & HAND SEW THREAD



**POWER NEVERSTRAND MCKAY  
THREAD #6 BRAIDED POLYESTER**

- 2PNT** (White)
- 2PNTB** (Black)



**LINEN THREAD**

(Natural) Usual Right Twist

- 101739** (4 Cord)
- (Natural) Usual Right Twist
- 103784** (5 Cord), **103785** (6 Cord),
- 103786** (7 Cord)

(Natural) Reverse Left Twist

- 103787** (5 Cord), **103788** (6 Cord)

(Black) Usual Right Twist

- 101736** (5 Cord), **101737** (6 Cord)



**LINEN THREAD WAXED  
RIGHT TWISTED WAXED (1lb)**

- SIZES: 6 Cord
- 2LTW** (Natural)



**HAND SEW THREAD - POLYESTER  
RIGHT TWISTED WAXED (1lb)**

- SIZES: 9 Cord
- 2PWHST1WHT** (White)
- 2PWHST1BLK** (Black)

## SANDPAPER, NORTON ROLLS & NAUMKEG PADS



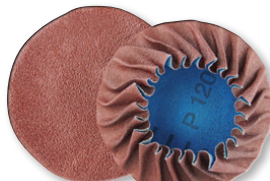
**BLUE ZIRCONIA ROLL**

Roll (3.5 cm x 22.9 m, 1.4" x 25 yd)  
**2NR24** (24 Grit)



**NAUMKEG PAD  
WITH VELCRO BACKING**

**2NPV** (100 Grit)



**NAUMKEG PAD**

**101919** (80 Grit)  
**101918** (120 Grit)



**SANDPAPER ROLLS  
BROWN RESIN BOND CLOTH FS FLAT**  
(3.5 cm x 22.9, 1.4" x 25 yd)

- 2RBR24** (24 Grit)
- 2RBR40** (40 Grit)
- 2RBR60** (60 Grit)
- 2RBR80** (80 Grit)
- 2RBR100** (100 Grit)

\* NOTE: Colour may vary on Naumkeg pads.

## BREASTER

**BREASTER**  
Large #303 - 40 Grit  
**2B**

**POWER BREASTER CONE**  
60 mm, 2.5"- 40 Grit  
**2PBC**



**2B**



**2PBC**

## SANDING SHEETS, SLEEVES, DRUMS & CONES

### SANDPAPER SHEETS

**BROWN RESIN BOND CLOTH**  
SHEET SIZE: 22.9 cm x 27.9 cm, 9" x 11"  
**2RBS24** (24 Grit)  
**2RBS40** (40 Grit)  
**2RBS60** (60 Grit)  
**2RBS80** (80 Grit)  
**2RBS100** (100 Grit)  
**2RBS120** (120 Grit)



### NORTON DURITE MESH SANDING SCREENS

Ideal for sanding plaster casts!  
SHEET SIZE: 22.9 cm x 27.9 cm, 9" x 11"  
**2NDS80** (80 Grit)  
**2NDS120** (120 Grit)



**SPIRABAND SANDING DRUMS**  
SIZE: 7.6 cm Ø x 10.2 cm, 3" Ø x 4"  
**2S436** (COURSE - 36 Grit)  
**2S460** (MEDIUM - 60 Grit)  
**2S480** (FINE - 80 Grit)



**SANDING SLEEVES**  
SIZE: 7.3 cm Ø x 19.7, 2.9" Ø x 7.8"  
**2S3840** (40 Grit)  
**2S3860** (60 Grit)  
**2S38100** (100 Grit)



**SPIRABAND SANDING DRUMS**  
SIZE: 7.62 cm Ø x 7.62 cm, 3" Ø x 3"  
**2S336** (COURSE - 36 Grit)  
**2S360** (MEDIUM - 60 Grit)  
**2S380** (FINE - 80 Grit)



## SANDING CONES



**FILLAUER SANDING CONES**  
SMALL - 80 Grit  
(10.2 cm x 2.5 cm x 1.6 cm)(4" x 1" x 5/8")  
**2SC41880**

MEDIUM - 36 Grit  
(10.12 cm x 3.7 cm, 2.5 cm)(4" x 1 7/16" x 1")  
**2SC40036**

MEDIUM - 60 Grit  
(10.12 cm x 3.7 cm, 2.5 cm)(4" x 1 7/16" x 1")  
**2SC40060**

MEDIUM - 80 Grit  
(10.12 cm x 3.7 cm, 2.5 cm)(4" x 1 7/16" x 1")  
**2SC40080**

**TRAUTMAN SANDING CONES**  
SMALL - 80 Grit  
(10.2 cm x 3.5 cm x 2.7 cm)(4" x 1 3/8" x 1 1/16")  
**2SC40880**



## FEATURES

- 100% New BlueFire zirconia alumina grain
- Antistatic backing material
- Open coat
- H831: heavier, reinforced dimensionally stable (RDS), F-wt. Paper backing
- R831: durable, Y-wt. polyester/cotton blend backing

## NORTON SANDING BELTS - BLUE ZIRCONIA

3.9 cm x 1.46 m, 1 1/2" x 57 1/2" <b>2NB25824</b> 24 Grit <b>2NB25880</b> 80 Grit	4 cm X 1.65 m, 1 9/16" x 65" <b>2NB26524</b> 24 Grit <b>2NB26540</b> 40 Grit <b>2NB26580</b> 80 Grit
3.9 cm x 1.51 m, 1 1/2" x 59 1/2" <b>2NB25924</b> 24 Grit	7.6 cm X 1.21 m, 3" x 47 1/2" <b>2NB34724</b> 24 Grit
3.9 cm X 1.50 m, 1 1/2" x 59" <b>2NB25980</b> 80 Grit	7.6 cm X 1.50 m, 3" x 59" <b>2NB35924</b> 24 Grit
4 cm X 1.21 m, 1 9/16" x 47 1/2" <b>2NB24780</b> 80 Grit	7.6 cm X 1.65 m, 3" x 65" <b>2NB36524</b> 24 Grit <b>2NB36540</b> 40 Grit <b>2NB36580</b> 80 Grit
4 cm X 1.51 m, 1 9/16" x 59 1/2" <b>2NB26024</b> 24 Grit <b>2NB26040</b> 40 Grit <b>2NB26080</b> 80 Grit	

## BENEFITS

- 30% to 2x more life
- Creates dust-free environments, cleaner workpieces, and assists with the extraction of sanding dust from sanding equipment
- Excellent load resistance on hardwood, softwood, and soft metals (aluminum, brass, and bronze)
- Creates a smoother coating surface for consistent finish
- More resistant to tear and edge damage
- Less reactive to humidity changes

10.2 cm x 1.07 m, 4" x 42" <b>2NB44224</b> 24 Grit <b>2NB44240</b> 40 Grit	10.2 cm x 1.50 m, 4" x 59" <b>2NB45924</b> 24 Grit <b>2NB45940</b> 40 Grit
10.2 cm x 1.51 m, 4" x 59 1/2" <b>2NB46024</b> 24 Grit <b>2NB46040</b> 40 Grit <b>2NB46080</b> 80 Grit	



## SANDING BELT SIZING

MACHINE	MODEL	BELT SIZES	
SUPREME/ NATIONAL MACHINES	S400	(10.2 cm x 1.50 cm)(4" x 59")	(10.2 cm x 48.3 cm)(4" x 19")
SUPREME/ NATIONAL MACHINES	S500	(10.2 cm x 1.50 cm)(4" x 59")	(4 cm x 1.50 m)(1 9/16" x 59")
WORKMASTER 1000 SUTTON MACHINES	S750, S1000, S1250, S2000	(10.2 cm x 48.1 cm)(4" x 19") (4 cm x 1.51 m)(1 9/16" x 59 1/2")	(10.2 cm x 1.51 cm)(4" x 59 1/2")
LETEDA MACHINES		(4 cm x 1.51 m)(1 9/16" x 59")	(10.2 cm x 1.50 cm)(4" x 59")
HARDO MACHINES		(7.6 cm x 1.50 m)(3" x 59")	(3.8 cm x 1.50 cm) (1 1/2" x 59")
AUTOSOLER MACHINES 2-Belt Jack Sander	Multi-Purpose Finisher, (3.8 cm x 1.65w m)(1 1/2" x 65")	(7.6 cm x 1.65 m)(3" x 65")	
AUTOSOLER MACHINES	Mini Finisher	(7.6 cm x 46.5 cm)(3" x 18 5/16")	(10.2 cm x 23.8 cm)(4" x 9 3/8")
AUTOSOLER MACHINES	Jack Master	(10.2 cm x 1.07 m)(4" x 42")	(3.8 cm x 68.6 cm)(1 1/2" x 27")
POWER MACHINES Power Master, Power Unit	Power Finisher, (1.43 cm x 1.65 m)(9/16" x 65") (60.3 cm x 1.9 cm) (23 3/4" x 3/4")	(7.6 cm x 1.65 m)(3" x 65")	
POWER MACHINES	Power Economy Machine	(4 cm x 1.21 m)(1 9/16" x 47 1/2")	(7.62 cm x 1.21 m) (3" x 47 1/2")



**SANDING BELTS**  
(10.2 cm x 48.3 cm)(4" x 19")  
**2SB41924** 24 Grit  
**2SB41940** 40 Grit  
**2SB419100** 100 Grit

**MINI BELTS**  
(1.9 cm x 60.3 cm)(3/4" x 23 3/4")  
for Power Machines  
**2SB124180** 180 Grit

## HEAT GUNS

### MASTER HEAT GUN 120V

Comes with adjustable non-slip stand.  
(260 °C - 400 °C) (73 °F - 113 °F)

**2MHG**  
**2MHGE** (Element)



### MASTER MITE HEAT GUN 120V

Comes with adjustable stand and heat shrink attachment. Optional elements available:  
(260 °C, 343 °C, 42 °C) (73 °F, 97 °F, 120 °F)

**2MMHG**

### MASTER HEAT GUN 9.5 mm, 3/8" PINPOINT ATTACHMENT

**103080**



## NATIONAL MULTI GRINDER & PORTABLE MULTI-PURPOSE GRINDER ATTACHMENTS & ACCESSORIES

**TUNGSTEN PINEAPPLE RASP**  
**2MRP14**



**50mm, 2" BREASTER SANDING CONE**  
**2MGBC**



**RIGID SCOTCH BRITE WHEEL ON 5/8" BAYONET**

Wheel 6" X 1"

**2MGSW1R**

**WHEEL ONLY**

Wheel 6" X 1"

**2SBWRB1R**



**CHUCK DRILL**

9.5mm, 3/8"

**2MGC38**



**SOFT SCOTCH BRITE WHEEL ON 5/8" BAYONET**

Wheel 6" X 1"

**2MGSW1S**

**WHEEL ONLY**

Wheel 6" X 1"

**2SBWS61R**



**SCOTCH BRITE POLISHING CONE**

**2SBPC**



**TRAUTMAN EXTENSION**

3"

**2MGTE**



**MEDIUM TAPER SANDING CONE**

**2MGMTSC**



### TEFLON OVEN LINER (NON-STICK)

**TEFLON OVEN LINER** - Maximum temperature 500°F - 550°F  
91.4 cm, 36" (wide) x 30.5 cm, 12"  
(Sold by the linear foot)

**2TOL**



### SANI GRINDERS (#704 MODEL)



**SINGLE GRINDER**

**2SG**

**FEATURES:**

- Two speed, complete with dust collector
- 7.6 cm, 4" sanding drum easily sands leather, foam, plastic and cork

*Sanding drums sold on page 195*

### LANDIS BENCH GRINDER

**FEATURES:**

- Compact design with handle
- Flat work surface on top
- Built-in fan with self-contained dust removal system 3/4 hp 3400 rpm
- Adjustable hood for improved suction with accessories
- Permanent shaft and large variety of tool options

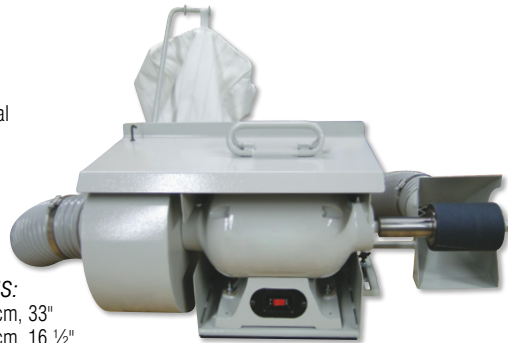
**103706**

**OPTIONS:**

- Solid steel work stand
- Extra long dust bag

**SPECIFICATIONS:**

- Width: 83.8 cm, 33"
- Height: 41.9 cm, 16 1/2"
- Depth: 34.3 cm, 13 1/2"
- Voltage: 115 Volts



### TRUE NORTH ROTARY VACUUM PUMP

**FEATURES:**

- This deluxe model is capable of handling multiple vacuum pans
- Air cleaner included to filter out dust and harmful particles that can damage the pump
- Exhaust silencer to assure smooth, quiet operation

**SPECIFICATIONS:**

- Voltage: 115 Volts

This deluxe model pump can operate more than one vacuum press.

**2VP**



**DUAL GRINDER**

**2SGD**

**FEATURES:**

- Two speed, no dust collector
- 10.2 cm, 4" sanding drum easily sands leather, foam, plastic and cork



### SANI GRINDER DRUM (COMPLETE)

4" x 3" (704 Model)

**103717**

3" x 3" (700 Model)

**2SDGC**



\* Sanding Belts available for customize order, please contact your sales representative for more information.

## FUME BUSTERS - CHARCOAL FILTERED

This new filtration system in a compact bench model requires no exhaust; charcoal filter removes odours and fumes. Space to store cement, thinner and other chemical products under the shelf. All the down drafting Fumebusters have 2 speeds (with the exception of the bench model, which is updrafting). The high speed has a capture velocity of 1200 cfm (cubic ft/ min) and the low speed has a capture velocity of 700 cfm. All the fume busters are CSA approved, however, the bench model has a capture velocity lower than 500 cfm, and so isn't as highly recommended.

### FEATURES:

- Powerful ¼ HP, 2 speed motor
- Comes equipped with a spark-proof blower unit
- Available in 3', 4' or 5' models
- Only 61 cm, 24" depth

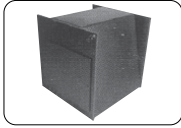
### SPECIFICATIONS:

- Width: 61cm, 24"
- Height: 73.7 cm, 29"
- Depth: 40.6 cm, 16"
- Voltage: 115 Volts

### 2FBBMC Bench Model (2')



The Fume Buster will increase your workspace!



New improved metal refillable container reduces replacement charcoal costs by more than 50%.

\*Replaceable pre-filters are made to filter out shoe sprays and dyes.  
 FOR THE 3', 4' & 5' FUME BUSTER - 2 filters for 3' Fume Buster  
 • 2 filters for 4' Fume Buster • 3 filters for 5' Fume Buster  
**SPECIFICATIONS:** • Width: 40.6 cm, 16" • Height: 50.8 cm, 20" • Depth: 5.1 cm, 2"

## BENCH MODEL



**2FBBMC** (61 cm, 2')  
 The shelf can be also used to help accelerate the drying of cemented

## 3', 4', 5' FOOT MODEL

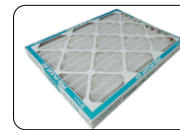


Call for pricing on (91.4 cm 3'), (1.22 m, 4') and (1.5m, 5') models  
**THE SUPREME FUME BUSTER**

## FILTERS & CHARCOAL



**2CRBM**  
 (Charcoal Filter Replacement) - For Bench Model



**2FBRF**  
 \*Replaceable pre-filters



**2CR**  
 (Charcoal Replacement- 11.3 kg, 25lbs)  
 - For 3', 4', 5' & 19" models

## 19" SPACE SAVER FUME BUSTER - CHARCOAL FILTERED

### FEATURES:

- On casters for greater mobility
- A GIANT against TOXIC FUMES
- Charcoal filtered

### SPECIFICATIONS:

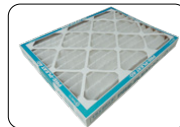
- Width: 48.3 cm, 19"
- Height: 1.02 m, 40"
- Depth: 43.2 cm, 17"



**2FB19C**

\*Replaceable pre-filters are made to filter out shoe sprays and dyes.  
 FOR THE 19" FUME BUSTER - 1 filter for 48.3 cm, 19" Fume Buster  
**SPECIFICATIONS:** • Width: 34.3 cm, 13.5" • Height: 40.6 cm, 16" • Depth: 5.1 cm, 2"

## FILTER & CHARCOAL



**2FBRF19**  
 \*Replaceable pre-filters



**2CR**  
 (Charcoal Replacement- 11.3 kg, 25lbs)  
 - For 3', 4', 5' & 19" models

## VACUUM PRESS

### FEATURES:

- Stainless steel frame
- Rubber bladder
- Shut-off valve

**2VF** (Medium)

**2VFL** (Large)



Medium: **2VF**  
 • Width: 30.5 cm, 12" • Length: 50.8 cm, 20"



Large: **2VFL**  
 • Width: 45.7 cm, 18" • Length: 50.8 cm, 20"

## VACUUM BLADDERS

### GUM RUBBER SHEET

**1GRS116** (2.5 cm - 61 cm x 91.4 cm)(1/16" - 24" x 36")

**1GRS116L** (2.5 cm - 61 cm x 1.14 m)(1/16" - 24" x 48")

**1GRS18\*** (3.2 mm, 1/8" Square foot)

\* Minimum order for 3.2 mm - 61 cm x 1.22 m | 1/8" - 24" x 48")

## SHARPENING STONES

### SKATE SHARPENING STONES

15.3 cm x 6.4 mm x 3.2 cm  
6" x 1/4" x 1/4" BORE  
**101373** (60 Grit)

15.3 cm x 6.4 mm x 3.2 cm  
6" x 1/4" x 1/4" BORE  
**101374** (80 Grit)



## MACHINE BELTING

**6.4mm, 1/4" SEWING LEATHER MACHINE BELT**  
**2RMB**

**ROUND MACHINE BELT HOOK**  
**2RMBH**

**9.5 mm, 3/8" ROUND POLYURETHANE MACHINE BELT**  
**2RMB38**

**ROUND MACHINE BELT CONNECTOR**

SIZE:  
6.4 mm, 1/4"

SIZE:  
9.5 mm, 3/8"



## POWER BRUSHES

### 2" X 8" HORSEHAIR BRUSH

BORE: 1 5/16"  
**101792** (Black), **101793** (Brown)



### 1.5" X 9" HORSEHAIR BRUSH

BORE: 30 mm  
**101794** (Black), **101795** (Brown)



### 6" WELT CLEANING BRUSH

BORE: 1 5/16"  
**2WCB1**



### 1.5" X 8" LAMINATED CLOTH WHEEL

BORE: 1 5/16"  
**2FM8**



### 1.5" X 9" LAMINATED CLOTH WHEEL

BORE: 30 mm  
**2FM10**



## CUTTERS (5 IN 1 / SOLE / TOPLIFT) & SHIELDS

**SKIVER BLADE**  
**2CSW20E**



**LANDIS CUTTER WHEEL**  
**2CSW6**



**RODI CUTTER WHEEL**  
**2ROS17**



**CUTTER FEED WHEEL**  
**2CSW9**



### SOLE CUTTER (USM - WITH LIP+ 1/2 LIP)

**101796** (4 Iron), **101799** (12 Iron)  
**101798** (10 Iron), **101801** (16 Iron)  
**101800** (14 Iron), **101803** (20 Iron)  
**101802** (18 Iron), **101805** (24 Iron)  
**101804** (22 Iron), **101807** (28 Iron)  
**101806** (26 Iron),  
**101808** (30 Iron)



**101809** (36 Iron - With Lip)  
**101810** (36 Iron - No Lip)

### TOPLIFT CUTTER (USM - WITH LIP)

**101786** (12 Iron), **101787** (14 Iron),  
**101788** (16 Iron), **101789** (18 Iron)

### CARBIDE TOPLIFT CUTTER

SIZES: 36 Iron (Without Lip)  
**2CC**

### SOLE CUTTER SHIELDS

**101781** (45mm, 1.8") **101782** (48mm, 1.9")



**#F3309** - (45mm, 1.8") **#F33115** - (48 mm, 1.9")

## SINGER MACHINE PARTS

### SINGER 29K71 & 29K73

**8604 BOBBIN**  
**2SP8604**

**8603 SHUTTLE**  
**2SP8603**

**8611 SHUTTLE TENSION SPRING**  
**2SP8611**

**237 NEEDLE CLAMPING SCREW**  
**2SP237**

**82177 SHUTTLE CARRIER**  
**2SP82177**

**8610 SHUTTLE CARRIER SPRING**  
**2SP8610**

**8590 WIRE MACHING THREADER**  
**2WMT**

### SINGER 29K72

**81994 SHUTTLE TENSION SPRING**  
**2SP81994**

**82552 BOBBIN**  
**2SP82552**

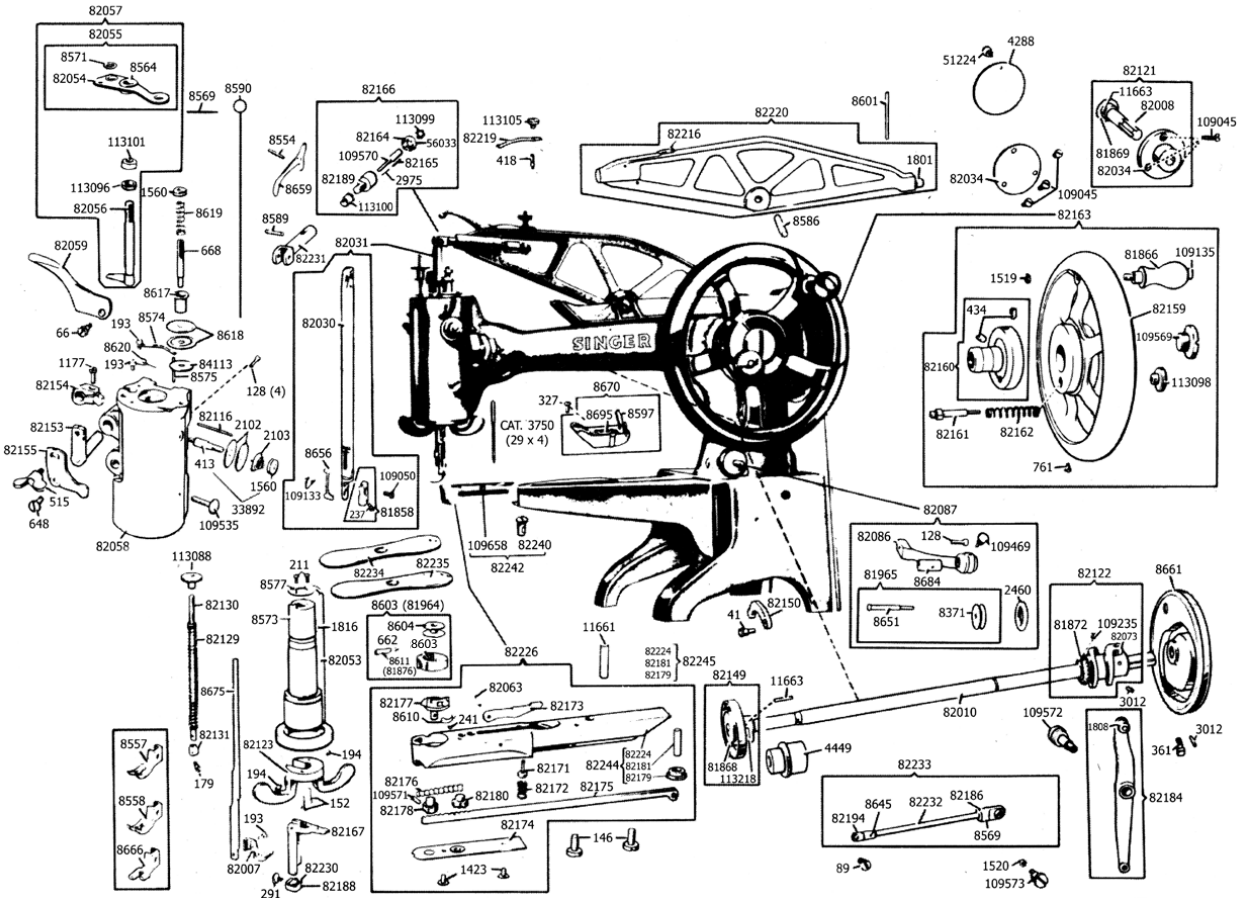
**81952 SHUTTLE**  
**2SP81952**

**7868 BOBBIN RETAINING SPRING**  
**2SP7868**

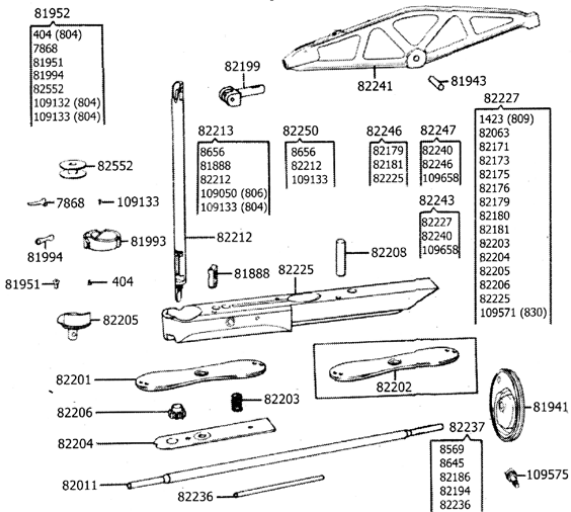
**237 NEEDLE CLAMPING SCREW**  
**2SP237**

LOOKING FOR A PART NOT LISTED ABOVE? PLEASE CALL TO ENQUIRE!

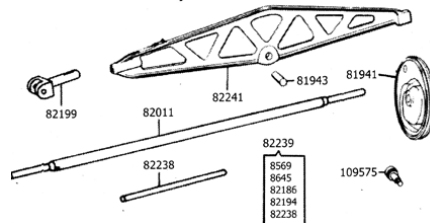
## SINGER MACHINE PARTS CHART - FOR SINGER 29K71



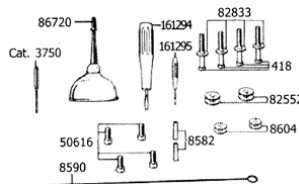
### M/C. 29K72 PARTS WHICH DIFFER FROM M/C. 29K71



### M/C. 29K73 PARTS WHICH DIFFER FROM M/C. 29K72

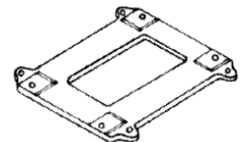


### ACCESSORIES

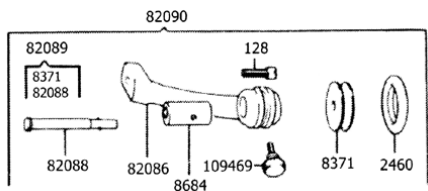


### ACCESSORIES

82214 FOR 29K71  
82213 FOR 29K72/29K73



### BOBBIN WINDER COMPLETE FOR M/C. 29K72



### BOBBIN WINDER COMPLETE FOR M/C. 29K73

