

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
POLY VINYL CHLORIDE (PVC)		Yes	Yes		No	Yes
LATEX		Yes*	Yes*			
POLYURETHANE (PUR)		Yes	Yes*	Yes*	Yes*	No**
THERMOPLASTIC RUBBER (TR)			Yes*	Yes	Yes	Yes**
RUBBER	Yes	Yes	Yes	Yes	Yes	Yes
EVA	Yes		Yes	Yes	Yes	No**
CREPE (EVA + RUBBER)	Yes		Yes	Yes		
LEATHER	Yes*	Yes	Yes*	Yes*	Yes	No
POLYPROPYLENE (PP)				Yes		
POLYETHYLENE (PE) (PLASTAZOTE, SHEET PLASTIC)				Yes Yes		
METAL				Yes		
CARBON FIBRE			Yes*	Yes		
CO-POLYMER				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
LEATHER	Fibre structure	Sand	Yes	Yes	Yes	Yes	Yes	Yes
CHROME LEATHER	Fibre structure green colour	Sand	Yes / Hardener	Yes / Hardener	Yes / Hardener	Yes / Hardener	-----	Yes / Hardener
RUBBER	Typical smell	Sand	Yes	Yes	Yes	Yes	Yes	Yes
NATURAL RUBBER	Melts when sanded	Sand	Yes / Hardener	Yes / Hardener	Yes / Hardener	-----	Yes / Hardener	Yes / Hardener
EVA	Soft porous	Sand	Yes	Yes	Yes	-----	Yes	Yes
CORK	Cork structure	-----	Yes	Yes	Yes	Yes	Yes	Yes
VINYL (PVC)	Melts when sanded Typical smell of chlorine	Sand and clean with acetone	-----	-----	Yes	Yes	-----	-----
THERMOPLASTIC RUBBER (TR)	Similar to natural rubber Melts with thinner	Sand and prepare with Rehagol	Yes	Yes	Yes / Rehagol	Yes / Rehagol	Yes / Rehagol	Yes
POLYURETHANE (PUR)	Porous, light weight, integral foam	Sand and prepare with primer for PUR	Yes / Primer	Yes / Primer	Yes / Primer	Yes	Yes / Primer	Yes / Primer
POLYETHYLENE POLYPROPYLENE	"Hard Plastic" for orthopaedics and orthotics	Touch the surface with an open flame (gas) for a few seconds	-----	Yes	-----	-----	-----	Yes / Open gas flame
POLYSTYRENE (PS)	"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

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

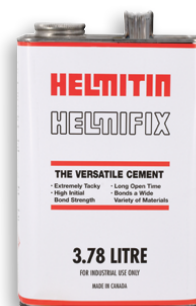
103148 (3.78 L)

TOLUENE FREE HELMITEX ADHESIVE

103145 (18.9 L)



2HC20



2HC4



103148



103145

HELMITIN

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)



DRIES CLEAR

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 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 Cologne can be dried with an infra red lamp: IR-Lamp 80 °C for 3 minutes.



DRIES CLEAR

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 Cologne 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)



DRIES CLEAR

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)



DRIES CLEAR

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)



DRIES CLEAR

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)



DRIES CLEAR

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



2RP250

103143

103143 (100 mL)
2RP250 (250 mL)

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.



100619

100618

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

POT LIFE: Use only as a one component system.

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



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.

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



ECONOMY
MODEL

OSBORNE #155 REVOLVING PUNCH

(6 Replaceable Tubes)
20155



FINEST
QUALITY

OSBORNE #155 REPLACEMENT TUBES

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



OSBORNE #155 - ANVIL 20A

OSBORNE #155 SIDE SPRING 20SS

OSBORNE #155 - HANDLE SPRING 20HS

SINGLE TUBE PUNCH SIZES: 00 Tube 2STP



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



20 CM, 8" OSBORNE HEEL Pincer 20HP



15.3 cm, 6" KNIPEX HEEL Pincer 2KECN



SOLING LEATHER SHEARS 2SLS



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



20 cm, 8" GOLDSEAL SHEARS 2GS8



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

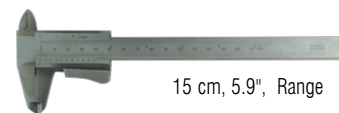


60 cm, 23.6"/Stitch
English Sizes

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

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

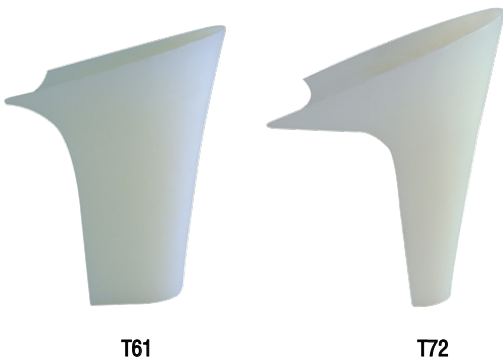
- Polypropylene plastic pegs have a harpoon shape, specially designed to improve heel holes and durability of heel repair.
- 102980 Small Sold per Box (approx. 200pcs)
 - 102981 Medium Sold per Box (approx. 200pcs)
 - 102982 Large Sold per Box (approx. 200pcs)



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)



LEATHER HEELS & HEEL COVERS



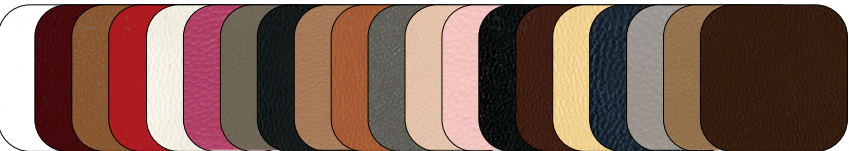
PRE-CUT LEATHER HEEL COVERS

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



LEATHER HEEL BASES

- COLOUR: Natural
HEEL HEIGHT: 1/2"
- | | | |
|--------------------|--------------------|--------------------|
| 101517 Size 8(26) | 101518 Size 10(28) | 101519 Size 12(30) |
| 101520 Size 14(32) | 101521 Size 16(34) | 101522 Size 18(36) |
| 101523 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

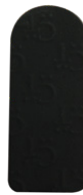
- Oblong, Extra Large,
- Ultra Oblong, Platform
- Extra Large

Brown head / Gold Pin .120

IMPORTANT: Please indicate head size and pin thickness



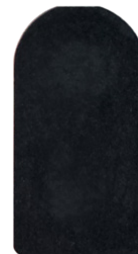
EXTRA LARGE



OBLONG



ULTRA OBLONG



PLATFORM

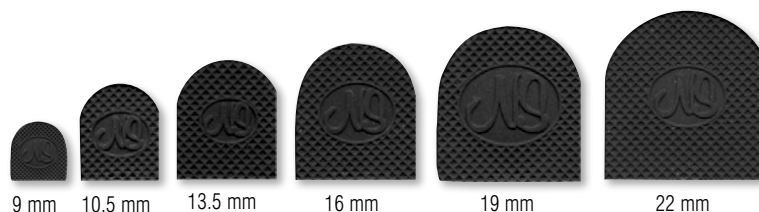
NS PIN LIFTS - COMFORT STEPS

NS PIN LIFTS - COMFORT STEPS

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

All sizes available in 1.3 cm, ½" 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.

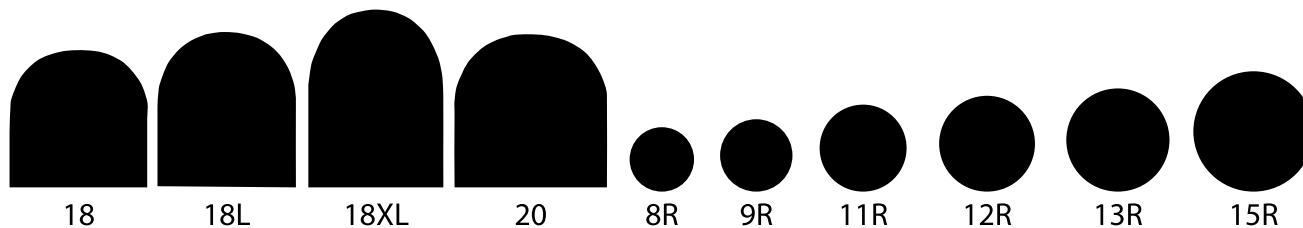
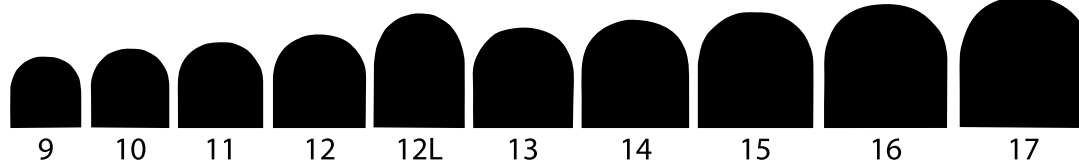
Abrasion resistance: 25 mm

Size: 3.05 mm (.120")

102960 # 9	102961 # 10	102962 #11	102963 #12
102964 #12L	102965 #13	102966 #14	102967 #15
102968 #16	102969 #17	102970 #18	102971 #18L
102972 #18XL	102973 #20	102974 #8R	102975 #9R
102976 #11R	102977 #12R	102978 #13R	102979 #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)
2SO

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



2SO



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)



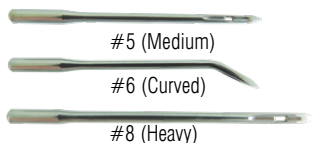
FIEBING'S ACRYLIC RESOLENE
Prevents dye from rubbing off.
2FR1 (946 mL, 32 oz)



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 (#0G107)
- 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)**

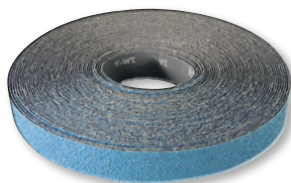
- SIZES: 6 Cord
- 2LTW** (Natural)



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

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

SANDPAPER, NORTON ROLLS & NAUMKEG PADS



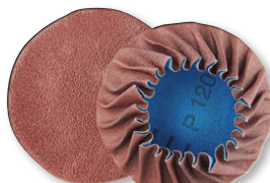
BLUE ZIRCONIA ROLL

- 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



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"
2NB25824 24 Grit
2NB25880 80 Grit

3.9 cm x 1.51 m, 1 1/2" x 59 1/2"
2NB25924 24 Grit

3.9 cm X 1.50 m, 1 1/2" x 59"
2NB25980 80 Grit

4 cm X 1.21 m, 1 9/16" x 47 1/2"
2NB24780 80 Grit

4 cm X 1.51 m, 1 9/16" x 59 1/2"
2NB26024 24 Grit
2NB26040 40 Grit
2NB26080 80 Grit

4 cm X 1.65 m, 1 9/16" x 65"
2NB26524 24 Grit
2NB26540 40 Grit
2NB26580 80 Grit

7.6 cm X 1.21 m, 3" x 47 1/2"
2NB34724 24 Grit

7.6 cm X 1.50 m, 3" x 59"
2NB35924 24 Grit

7.6 cm X 1.65 m, 3" x 65"
2NB36524 24 Grit
2NB36540 40 Grit
2NB36580 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"
2NB44224 24 Grit
2NB44240 40 Grit

10.2 cm x 1.50 m, 4" x 59"
2NB45924 24 Grit
2NB45940 40 Grit

10.2 cm x 1.51 m, 4" x 59 1/2"
2NB46024 24 Grit
2NB46040 40 Grit
2NB46080 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 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 2MGBG



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



DUAL GRINDER

2SGD

FEATURES:

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

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

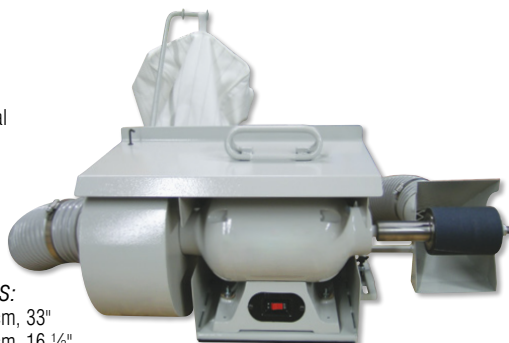
103706

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



SANI GRINDER DRUM (COMPLETE)

4" x 3" (704 Model)

103717

3" x 3" (700 Model)

2SDGC



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

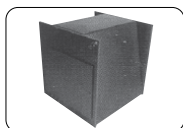
SPECIFICATIONS:

- 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



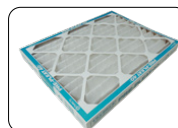
Call for pricing on (91.4 cm 3'), (1.22 m, 4') and (1.5m, 5') models
THE SUPREME FUME BUSTER

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"



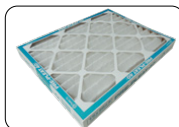
2FB19C

*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

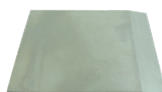
2FM10



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)

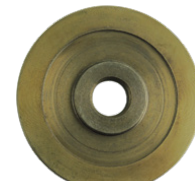
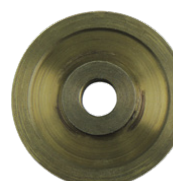
101786 (12 Iron), **101787** (14 Iron),

101788 (16 Iron), **101789** (18 Iron)



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

237 NEEDLE CLAMPING SCREW

2SP237

8603 SHUTTLE

2SP8603

82177 SHUTTLE CARRIER

2SP82177

8611 SHUTTLE TENSION SPRING

2SP8611

8610 SHUTTLE CARRIER SPRING

2SP8610

8590 WIRE MACHING THREADER

2WMT

SINGER 29K72

81994 SHUTTLE TENSION SPRING

2SP81994

7868 BOBBIN RETAINING SPRING

2SP7868

82552 BOBBIN

2SP82552

237 NEEDLE CLAMPING SCREW

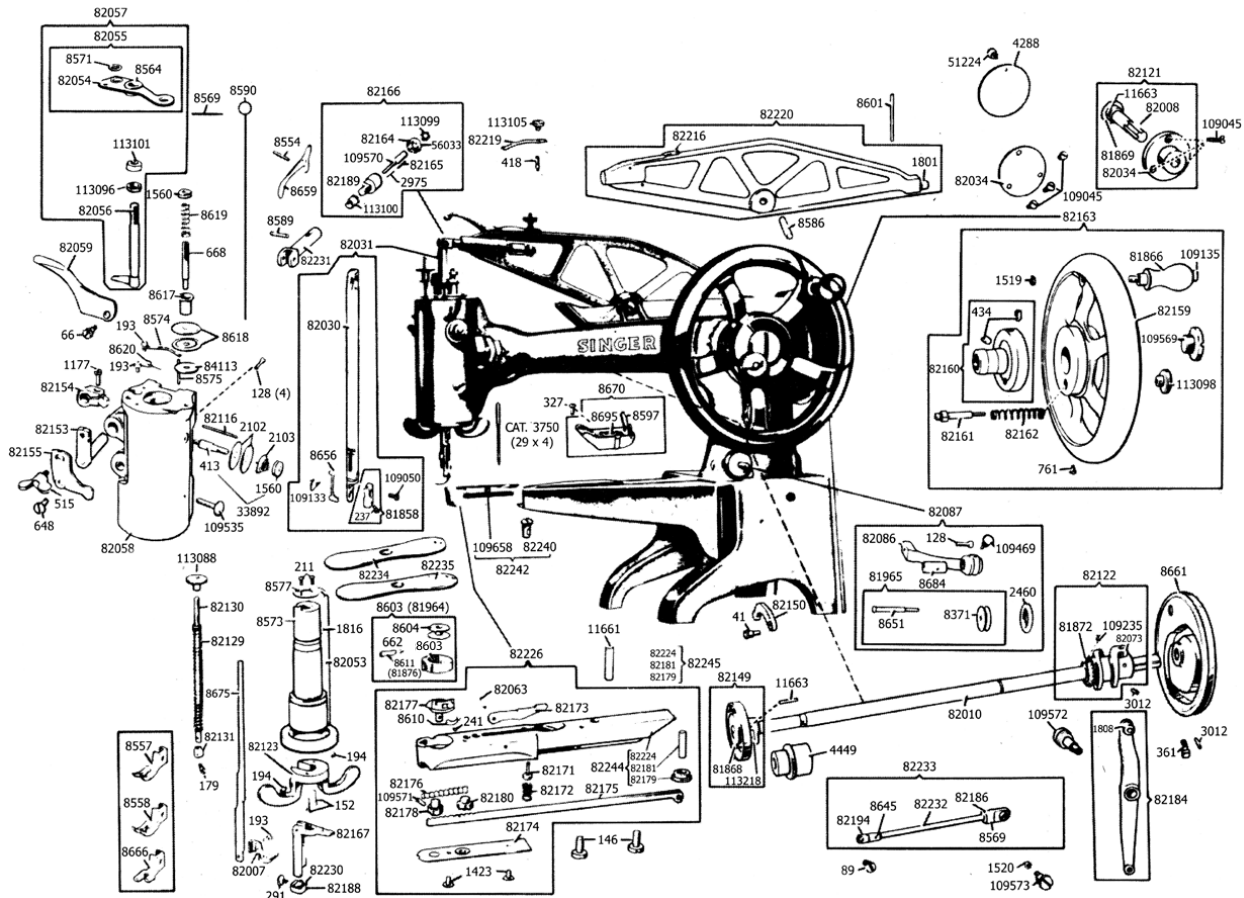
2SP237

81952 SHUTTLE

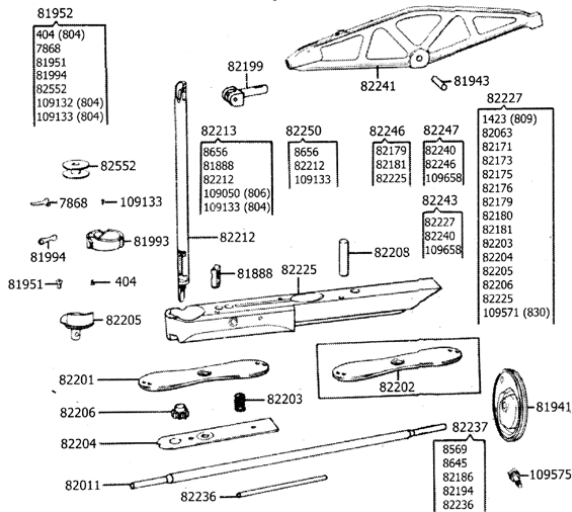
2SP81952

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

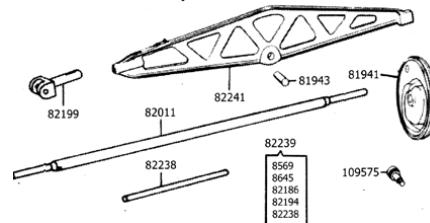
SINGER MACHINE PARTS CHART - FOR SINGER 29K71



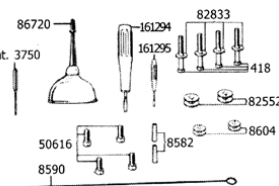
M/C. 29K72 PARTS WHICH DIFFER FROM M/C. 29K71



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

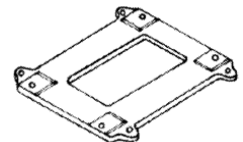


ACCESSORIES

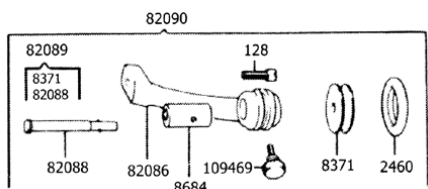


ACCESSORIES

82214 FOR 29K71
82213 FOR 29K72/29K73



BOBBIN WINDER COMPLETE FOR M/C. 29K72



BOBBIN WINDER COMPLETE FOR M/C. 29K73

