

## DIXCEL LARGE STRAIGHT BRASS WIRE WHEEL SCRATCH BRUSHES

For cleaning and surface finishing brass and copper. Fine brass wire bristles are mounted on a hardwood hub with a metal reinforced center. 1/4" arbor hole. Mount on tapered spindle. Straight brass wire brushes produce a coarser finish than crimped wire brushes.

Item No.	Dia.	Rows	Price
16.426	3"	2	\$16.45
16.429	3"	3	\$16.45
16.427	4"	2	\$12.35
16.430	4"	3	\$15.65
16.432	4"	4	\$19.50



## DIXCEL LARGE CRIMPED BRASS WIRE WHEEL SCRATCH BRUSHES

For surface finishing brass and copper. Softer, crimped brass wire produces a satin or matte finish. 1/4" arbor hole. Mount on tapered spindle.

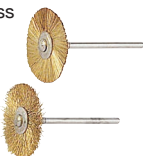
Item No.	Dia.	Rows	Price
16.440	3"	2	\$6.05
16.443	3"	3	\$6.60
16.444	4"	3	\$9.75
16.446	4"	4	\$10.00



## MOUNTED BRASS WIRE WHEEL BRUSHES

Mandrel-mounted, small diameter, brass brushes for cleaning, finishing and texturing brass and copper. Available with straight or crimped brass wire. 3/32" mandrel. Sold in packages of 6.

Item No.	Dia.	Type	6/Pack
16.813	1"	Straight	\$10.75
16.814	1"	Crimped	\$8.75



## BRASS WIRE END BRUSHES on MANDREL

End-mounted brass brushes on 3/32" shank mandrels. Use to clean and texture confined areas. Sold in packages of 12.

Item No.	Type	Dia. x Trim (L)	12/Pack
16.926	Straight	3/16" x 1/4"	\$7.50
16.927	Crimped	3/16" x 1/4"	\$6.90



## BRASS WIRE CUP BRUSH on MANDREL

Inverted cone-shaped brass brushes mounted on end of 3/32" shank mandrels. Use for firm or delicate surface finishing. Sold in packages of 6.

Item No.	Type	Dia. at Flare	6/Pack
16.960	Straight	1/2"	\$11.75
16.962	Crimped	9/16"	\$11.25



## DOUBLE-SIDED BRASS SCRATCH BRUSH

Use to clean work before soldering. Brass wire bristles bound in metal holder. 1 3/4" length.

16.305 \$8.50



## DIXCEL LARGE STEEL WIRE WHEEL BRUSHES

For cleaning, de-burring and surface finishing on silver, aluminum and other white metals. Lightly crimped, fine steel wire mounted in a hardwood hub with a metal reinforced center. 1/4" arbor. Mount on a tapered spindle.

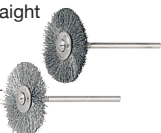
Item No.	Dia.	Rows	Price
16.456	3"	2	\$7.25
16.459	3"	3	\$8.05
16.457	4"	2	\$9.25
16.460	4"	3	\$12.85
16.462	4"	4	\$12.25



## MOUNTED STEEL WIRE WHEEL BRUSHES

Mandrel-mounted, small diameter, steel brushes for cleaning, finishing and texturing silver, aluminum and stainless steel. Available in straight or crimped wire. 3/32" mandrel. Sold in packages of 6.

Item No.	Dia.	Type	6/Pack
16.848	1"	Straight	\$8.25
16.849	1"	Crimped	\$8.50



## STEEL WIRE END BRUSHES on MANDREL

End-mounted steel brushes on 3/32" shank mandrels. Use to clean and texture confined areas. Sold in packages of 12.

Item No.	Type	Dia. x Trim (L)	12/Pack
16.940	Light Crimped	3/16" x 1/4"	\$8.25
16.941	Crimped	3/16" x 1/4"	\$7.30



## STEEL WIRE CUP BRUSH on MANDREL

Inverted cone-shaped steel brushes mounted on end of 3/32" shank mandrels. Use to clean and texture confined areas. Sold in packages of 6.

Item No.	Type	Dia. at Flare	6/Pack
16.965	Light Crimped	1/2"	\$12.25
16.967	Crimped	9/16"	\$12.25



## GLASS BRISTLE SCRATCH BRUSH

Fine glass bristles are bound in cord. Unwind as bristle wears down. Removes dirt from metal surfaces before soldering. 7" length. 1/2" diameter.

16.334 \$10.35



## SCRATCH BRUSHES

Quality scratch brushes with pen-shaped handles and metal ferrules for added durability. Use for removing rust, corrosion, tarnish or metal shavings in hard to reach areas. 4 1/2" length. Made in Germany.

Item No.	Brush	Price
BRS292	Steel	\$7.15
BRS293	Nylon	\$5.50
BRS294	Fiberglass	\$5.65
BRS295	Brass	\$6.50



Refills: 1 1/4" length (5 per box)

BRS292R	\$4.40/box	BRS294R	\$3.50/box
BRS293R	\$3.50/box	BRS295R	\$4.15/box

**BLACK BRISTLE WHEEL BRUSHES**

Superior Chung King bristle brushes set in precision drilled hardwood hubs.

For cleaning, polishing and producing soft finishes on metal with intricate designs.

Two types: Upright (U – 1 row) and

Converging (C – 2 rows). 1/4" arbor hole.

Mount on tapered spindle. Sold in packs of 5.



Item No.	Style	Type	Rows	Dia.	Hub	Trim	5/Pack
16.398	1A	U	1	3 1/8"	1 7/8"	5/8"	\$4.00
16.404	1B	U	1	2 7/8"	1 7/8"	1/2"	\$4.00
16.399	1C	U	1	2 5/8"	1 7/8"	3/8"	\$4.00
16.396	2A	C	2	3 1/8"	1 7/8"	5/8"	\$5.00
16.403	2B	C	2	2 7/8"	1 7/8"	1/2"	\$5.00
16.397	2C	C	2	2 5/8"	1 7/8"	3/8"	\$5.00

**BRISTLE END BRUSHES on MANDREL**

End-mounted bristle brushes on 3/32" mandrels.

Use to clean grooves, curves and in between prongs.

Apply light pressure at high speeds.

Sold in packages of 12.



Item No.	Grade	Dia. x Trim (L)	12/Pack
16.700	Soft	3/16" x 1/4"	\$5.15
16.701	Stiff	3/16" x 1/4"	\$4.90
16.707	Soft	3/16" x 3/8"	\$5.05
16.708	Stiff	3/16" x 3/8"	\$4.80

**BRISTLE CUP BRUSHES on MANDREL**

Inverted cone bristle brush

for working on larger areas.

Mounted on end of 3/32" mandrel.

Sold in packages of 12.

Item No.	Grade	Dia.	12/Pack
16.750	Soft	1/2"	\$15.35
16.751	Stiff	1/2"	\$15.35



**3M RADIAL BRISTLE BRUSHES**

Independent impeller-like discs with embedded abrasives.

Use for pre-polishing, texturing and fine finishing. Eliminates use of messy compounds.

May be stacked together on screw mandrel to increase surface area.

Operating speed 15,000-25,000 rpm. Sold in packs of 10.



Item No.	Dia.	Grit	Color	10/Pack
BF115	9/16"	120	White	\$8.00
BF116	9/16"	220	Red	\$8.00
BF117	9/16"	400	Blue	\$8.00
BF118	9/16"	Pumice	Pink	\$8.00
BF119	9/16"	1 micron	Lt. Green	\$8.00
BF120	9/16"	6 micron	Peach	\$8.00

Item No.	Dia.	Grit	Color	10/Pack
BF110	3/4"	80	Yellow	\$8.00
BF111	3/4"	220	Red	\$8.00
BF112	3/4"	400	Blue	\$8.00
BF113	3/4"	Pumice	Pink	\$8.00
BF114	3/4"	6 micron	Peach	\$8.00
BF114A	3/4"	1 micron	Lt. Green	\$8.00



**MITCHELL'S ABRASIVE CORD**

For cutting, trumming and polishing small areas such as prong settings or fine pierced saw work that are inaccessible to wheels or points. Thin diameter cord is impregnated with aluminum oxide or silicon carbide for cutting, or crocus for ultra-fine polishing. Approximately 50 feet per spool.



**Aluminum Oxide**

**Aluminum Oxide**

Item No.	Dia.	Grit	Price
MAC51	0.055"	120	\$11.75
MAC53	0.040"	180	\$11.75
MAC54	0.030"	200	\$11.75

Item No.	Size	Grit	Price
MAC01	0.025" x 0.060"	150	\$13.40
MAC56	0.035" x 0.095"	150	\$11.75
MAC57	0.025" x 0.110"	150	\$12.50
MAC58	0.045" x 0.165"	150	\$13.85
MAC59	0.050" x 0.210"	150	\$15.80

**DIXCEL (BB) UNMOUNTED BRISTLE WHEEL BRUSHES**

Small diameter, dense, bristle brushes with different grades of bristle hardness. For cleaning and polishing hard-to-reach intricate areas. Thin profile, metal hub. Mount on appropriate mandrel.

3/16" trim length. Sold in packages of 12.



Item No.	Dia.	Arbor Hole	Grade	12/Pack
16.660	3/4"	3/32"	Soft	\$5.85
CL1605	3/4"	3/32"	Medium	\$5.80
16.661	3/4"	3/32"	Stiff	\$5.65
16.651	1"	1/8"	Soft	\$6.90
16.672	1"	1/8"	Medium	\$6.55
16.673	1"	1/8"	Stiff	\$6.55

**TAPERED CHUCK FOR BRUSHES**

Wooden hub mounts on tapered spindle of polishing machine. Unmounted bristle brushes with 1/8" holes screw directly to threaded end of chuck.

Sold in packs of 3.

Right Hand

Tapered Chuck

47.258 \$10.25 (3/Pack)



**DIXCEL (BB) BRISTLE WHEEL BRUSHES on MANDREL**

Mandrel-mounted, small diameter, dense, bristle brushes with different grades of bristle hardness.

For cleaning and polishing hard-to-reach and intricate areas. Mounted on 3/32" mandrel. 3/16" trim length. Sold in packages of 12.

Item No.	Dia.	Grade	12/Pack
16.608	3/4"	Soft	\$8.55
16.607	3/4"	Medium	\$8.50
16.609	3/4"	Hard	\$8.25
16.619	1"	Soft	\$8.80
16.620	1"	Medium	\$8.50
16.621	1"	Hard	\$8.10

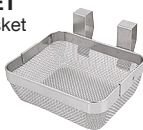


**FINE MESH CLEANING BASKET**

Universal stainless steel cleaning basket fits virtually any ultrasonic unit.

Basket measures 5" x 4" x 1 3/4" H

**CLN650.10** \$13.25



**RECTANGULAR CLEANING BASKETS**

Economical, stainless steel baskets with 1/4" stainless steel fine mesh.



Small Rectangle  
4" x 3" x 1 1/2" deep  
**CLN651.10** \$14.25



Large Rectangle  
8" x 4" x 3 1/2" deep  
**CLN653.10** \$19.75

**PARTS HOLDING BASKETS**

Perfect for ultrasonic or steam cleaning. Spring open/spring close action for quick removal of parts. Fine mesh screen keeps parts in basket. Plastic handles do not transfer heat.



Basket Dia.	Handle	Handle Length	Price	Item No.
1 1/2"	Metal	6 1/2"	\$3.20	<b>HOL750.00</b>
2 1/2"	Metal	7"	\$3.60	<b>HOL751.00</b>
1 1/2"	Plastic	6"	\$3.40	<b>HOL755.00</b>
2 1/2"	Plastic	6 1/2"	\$3.80	<b>HOL756.00</b>

**SMALL TASK BASKET**

Stainless steel mesh basket is perfect for immersing and retrieving small parts in a small ultrasonic machine. Total height is 4" with a 2 1/2" basket diameter.

**CLN645.00** \$4.90



**CLEANING BASKET for MINIATURE PARTS**

Brass basket with stainless steel mesh will safely hold the smallest findings and screws in ultrasonic units. Simply screw both halves together and immerse in solution. 1 5/16" diameter.

**CLN635.00** \$5.75



**STEEL WOOL PADS**

Palm-sized steel wool pads are used to remove dirt or rust, clean, polish or buff, and create various finishes on metal. Sold by the sleeve. 6 pads per sleeve. \$4.50 per sleeve.

Item No.	Grade	Item No.	Grade
<b>CL1620</b>	Finest (0000)	<b>CL1624</b>	Medium (1)
<b>CL1621</b>	Extra Fine (000)	<b>CL1625</b>	Med. Coarse (2)
<b>CL1622</b>	Fine (00)	<b>CL1626</b>	Coarse (3)
<b>CL1623</b>	Med. Fine (0)	<b>CL1627</b>	Extra Coarse (4)



**ULTRASONIC/STEAMER STRAINERS**

Plastic strainers with nylon mesh will not scratch jewelry. Perfect for dipping parts into the ultrasonic or holding them under a steam machine.

Small Strainer — 2 1/4" dia.

(7 1/2" length)  
**CLN630.00** \$1.90

Large Strainer — 4" dia.  
(9" length)

**CLN632.00** \$2.90



**"BEND-TO-FIT" STRAINERS**

Stainless steel mesh strainer with thin handle. Using a pair of pliers, bend the handle to fit around the top edge of the ultrasonic. Hang the basket in the ultrasonic.



Basket Dia.	Handle Length	Price	Item No.
2 1/2"	6 3/4"	\$2.80	<b>CLN640.00</b>
3"	7 1/4"	\$3.60	<b>CLN643.00</b>

**ULTRASONIC CLEANING RACKS**

Heavy PVC-coated double-sided wire racks, hang across the top of the tank (by length or width). The arms holding the pieces will be submerged into the solution.

Single-Tier Hanging Rack (holds 16 rings)

5 1/2"L x 4"W x 1 3/4"H  
**CLN608.00** \$3.25

Double-Tier Hanging Rack (holds 32 rings)

5 1/2"L x 4"W x 1 3/4"H  
**CLN605.50** \$4.50



**STEAMOSTAT**

Stainless steel hemostat has box-joint construction, PVC covered non-scratching tips and a large, easy to hold grip. Use when steam cleaning rings and for retrieving items from the bottom of ultrasonic tank.

Non-locking. 8" length.

**HEM255.00** \$6.70



**EUROTOOL™ WASHOUT BRUSHES with WOODEN HANDLE**

Available in varying degrees of bristle hardness for washing, cleaning and dusting parts, pieces and jewelry. Four uniform rows of bristles (4 1/2" x 5/8")

set in a wooden handle. 10" length.

Made in Germany.



Bristles	Price	Item No.
Hard	\$5.50	<b>BRS359.01</b>
Medium	\$5.50	<b>BRS359.02</b>
Soft	\$5.50	<b>BRS359.03</b>
Extra-Soft	\$5.75	<b>BRS359.04</b>

**DIXCEL METAL SCRATCH BRUSHES with WOODEN HANDLES**

Use for cleaning metal before soldering or soft surface texturing. Four rows of extra fine (0.003") wire set in a wooden handle.

8 3/4" length.  
**16.350** Steel \$7.35  
**16.310** Brass \$10.50





**DAZOR CLAMP LAMPS**

Floating arm fluorescent lamps with 15 watt daylight tubes. Clamps securely to bench. 110 volts.

- LT1012** 2 Tubes \$168.00
- LT1013** 3 Tubes \$182.00

Replacement Daylight Tubes (Full Spectrum)  
**LT1012R** 15 watt \$12.50



**DAZOR DESK LAMPS**

Floating arm fluorescent lamps with 15 watt daylight tubes. Heavy weighted base. 110 volts.

- LT1022** 2 Tubes \$186.25
- LT1023** 3 Tubes \$199.00

Replacement Daylight Tubes (Full Spectrum)  
**LT1012R** 15 watt \$12.50



**DAZOR CIRCLINE MAGNIFYING/INSPECTION LAMPS**

Illuminated magnifier with 3X lens, 13" focal distance and floating arm. 22W Circline bulb included. 110 volts.

- LT1030** Clamp-on \$189.00
- LT1032** Weighted Base \$202.25

Replacement Circline Tubes  
**LT1030R** 22 watt \$10.50

**OTT-LITE®**

**TRUE COLOR LAMP**

Sturdy, compact, fold-up lamp with adjustable light head. Full spectrum lighting designed to help you see color and detail accurately while reducing glare and eyestrain.

Energy efficient, 13 watt Ott-Lite® Tube included.

- LT1040** \$47.50

Replacement Ott-Lite® Tubes (13 watt)

- LT1040R** \$15.50



**OTT-LITE® TRUE COLOR MAGNIFIER LAMP**

Sturdy, compact, fold-up lamp with handy swivel base and 2X magnifier. Adjustable light head extends for larger sized projects. Match colors easily and see details clearly. Reduces glare and eyestrain.

Energy efficient, 13 watt Ott-Lite® Tube included.

- LT1050** \$55.50

Replacement Ott-Lite® Tubes (13 watt)

- LT1040R** \$15.50



**PORTABLE FLIP LAMP (White Light)**

For bead stringing and jewelry assembly. Lightweight, compact and adjustable positioning.

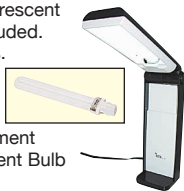
Auto shut off when closed. May be swiveled a full 360°.

13W fluorescent bulb included.

- LM134** \$37.50

Replacement Fluorescent Bulb (13 watt)

- LM136** \$10.35



**EUROTOOL® BENCH ACCESSORIES**

**FLEX SHAFT HANGERS**

Telescoping hangers extend up to 42" above your workbench. Thumb screws provide simple height adjustments. 10" swing arm. Available with a solid mounting base or C-clamp.

- HOL619.00** Bench Mount \$21.50
- HOL620.00** C-clamp \$24.50

**TORCH HOLDER with CLAMP**

Features a two-way clamp for attaching to bench apron or bench lip to keep torch within easy reach. 6 1/2" stainless steel rod.

- HOL635.00** \$8.90

**TORCH HOOK**

Torch 11" torch hook screws into bench top, providing a convenient, safe place to hang your torch.

- HOL630.00** \$2.90

**BENCH BRUSH**

European-made horse hair bench brush. Four rows of 1 1/2" bristles in hardwood assures effective cleaning.

Item No.	Length	Bristle	Price
<b>BRS969.10</b>	10"	4 3/4" x 1"	\$6.75



**PL13W FLUORESCENT DESK LAMP**

Soft, diffused, direct light with less glare, impressive brightness and clarity. Adjustable arm positions lamp up to 34" from bench. Includes 1.5" clamp and 13 watt (7" double-tube) fluorescent bulb. 115 volts.

- LT1060** \$45.50

Replacement Tube Bulb  
**LT1060R** 13 watt \$13.50