

Scotch-Brite™

3M™ Abrasive Systems

Scotch-Brite™ Wheels and Bristle Brushes



Making tough jobs easy with 3M Wheels

3M offers a complete range of metalworking Scotch-Brite wheels and bristle brushes to clean, debur, blend, finish or remove defects on metal parts.

- Amazingly consistent finishes
- Easy to use
- Conformable to your work surface
- Long lasting

Cleaning

Scotch-Brite™ Radial Bristle BB-ZB

Mineral Cubitron™ blend
Construction Individually casted segments impregnated with abrasive, assembled into a brush



Size (mm)	Description	3M Order Number
150 x 12 x 25	36 Angled Brown	61500151446
150 x 12 x 25	50 Angled Green	61500151461
150 x 12 x 25	80 Angled Yellow	61500151479

Benefits

- Works well on irregular surfaces or detailed features.
- Increased safety when converting from wire brushes.

Applications

- General surface cleaning (paint, rust, sealer, adhesive, tapes) in every industry; weld discoloration removal (stainless steel); cleaning of complicated shapes; light deburring of metallic machined parts.



Materials

- Metal
- Wood
- Plastics and composite materials

Finishing

Scotch-Brite™ Multi Finishing Wheel MU-WL

Mineral Silicon carbide
Construction Convolutely wound
Grades Fine, Medium, Coarse



Size (mm)	Description	3M Order Number
150 x 25 x 25	2 S Coarse	61500122173
150 x 25 x 25	2 S Medium	61500122181
150 x 25 x 25	2 S Fine	61500122199

Benefits

- Highly conformable, soft wheels that create uniform & attractive final finishes on ferrous & non-ferrous metals.
- The open weave construction of these wheels removes surface contaminants while resisting clogging.

Applications

- Use to achieve a striking, unique finish on stainless steel and other metals.
- Cleaning of composite parts



Materials

- All metals

Deburring

Scotch-Brite™ Deburring Wheels

Mineral	Silicon carbide
Construction	Convolutely wound
Grades	Fine



Size (mm)	Description	3M Order Number
150 x 25 x 25	9 S Fine EXL2	61500127099
150 x 25 x 25	9 S Fine EXL	61500126786
150 x 25 x 25	8 S Fine	61500003373
150 x 25 x 25	7 S Fine	61500126315

Benefits

- Available in different densities to cope with a range of deburring applications.
- Continuously exposes abrasive to the workpiece to produce a consistent finish throughout the life of the product.
- Will not undercut, gouge, generate flats or distort the workpiece.

Applications

- Deburring drive/piston rods prior to chroming; deburring turbine blades, flat punched parts, thread guides and machine parts, gear wheels, pressure-moulded and die-cast parts, auto parts, mould and casting seams.

Materials

- All metals



Scotch-Brite™ HP Wheels

Mineral	Silicon carbide
Construction	Convolutely wound
Grades	Fine, Medium



Size (mm)	Description	3M Order Number
150 x 50 x 14	4 S Fine	XC000708625
150 x 50 x 14	4 S Medium	XC000738119

Benefits

- Highly conformable Metal Finishing Wheels are designed to apply uniform & consistent finishes.
- Used effectively to blend mill finishes on stainless steel and to create brushed or satin finishes.

Application

- Use for blending and finishing

Materials

- Stainless Steel

Finishing



Light Deburring/Defuzzing

Scotch-Brite™ Flexi Wheels

- Mineral** Silicon carbide
Construction Non-woven open web
Grades Medium, Coarse



Size (mm)	Description	3M Order Number
150 x 50 x 14	Medium	XC000705308
150 x 50 x 14	Coarse	XC000705324

Benefits

- Conformability allows the Scotch-Brite High Strength Disc to work well on irregular surfaces and into tight areas without damaging the base material.
- The durable, non-woven, open-web construction resists loading and runs cool to keep the abrasives cutting at a consistent rate throughout the life of the disc.

Applications

- Light deburring on a range of metal parts.
- Tough, non-woven material allows heavy-duty use.
- Designed for defuzzing of timber and general purpose cleaning of metals.
- Create satin finishes on metals

Materials

- All metals

		Application						Substrate						
		Cleaning	Coating Removal	Deburring	Blending	Finishing	Polishing	Stainless Steel	Aluminium	Carbon Steel	Cast Iron	Titanium	Nickel Alloy	Non-Ferrous (Brass/Bronze)
Scotch-Brite™ Radial Bristle														
Best	Scotch-Brite™ Radial Bristle Brush	•	•	•	•			•	•	•	•			•
Recommended grades by application		36-50		50-80										
Scotch-Brite™ Convolute Wheels														
Best	Scotch-Brite™ EXL & EXL2 Deburring Wheels	•		•		•		•	•	•		•	•	•
Better	Scotch-Brite™ Light Deburring Wheels			•	•	•	•	•				•	•	•
Better	Scotch-Brite™ SST Deburring Wheels			•				•				•		
Better	Scotch-Brite™ Multi Finishing Wheels		•		•	•		•	•	•	•	•	•	•
Best	Scotch-Brite™ HP Finishing Wheels				•	•	•	•						
Recommended grades by application		CRS - MED - FIN			FIN	SFIN								
Scotch-Brite™ Flex Wheels														
Better	Scotch-Brite™ Flex Wheels	•		•		•		•	•			•	•	•
Recommended grades by application		CRS-MED												



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