



British.[®]

Abrasives for a better world

**INDUSTRIAL
CATALOG**

SCM LINE

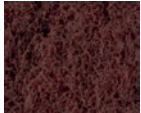

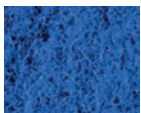
The products of the SCM SUPER BRITISH LINE combine a reinforced web with grains of premium aluminum oxide or silicon carbide and a special system of resins for excellent results.

Market Applications

- Cleaning, deburring, finishing, standardization, and surface preparation;
- Steels in general, metal alloys, non-ferrous materials;
- Plastics, fiberglass;
- Metallurgy, auto parts, automakers, aerospace;
- Do it yourself (DIY);
- Angle grinders/sanders;
- Roto-orbital sanders;
- Manual grinding machine

FORMATS

- SPEED LOK DISC
- SPEED GRIP DISC (HOOK AND LOOP)
- AVOS DISC, BELTS AND ROLLERS
- FLAP DISC

COLOR	ABRASIVE	GRAIN	APPLICATION
 BROWN	Coarse Aluminum Oxide (AG)	50 - 60	Heavy-duty cleaning, removal of rust and small scratches, high durability, and aggressiveness. Provides rapid surface homogenization.
 RED	Medium Aluminum Oxide (AM)	80 - 100	Removal of oxidation and small surface scratches. Great relationship between finish and cutting power.
 BLUE	Very Fine Aluminum Oxide (AMF)	220 - 320	Satin finish and other surface improvements. Provides a fine and uniform finish, ideal as preparation for further operations.

ENHANCED
REMOVAL

IMPROVED
FINISH

BENEFITS

- SAFETY
- UNIFORM FINISH
- REDUCED OPERATOR FATIGUE
- INCREASED PRODUCTIVITY

HIGH STRIP DISC

The SUPER BRITISH HIGH STRIP DISC is a versatile and durable product, ideal for the removal of paints, oxides, and rust, as well as for post-welding surface preparation for painting and cleaning and combines removal and finishing in one single operation.

Market Applications

- Removal of oxides, rust, and paints;
- Pre-varnishing surface preparation;
- Pre-welding surface preparation;
- Post-welding surface cleaning and conditioning;
- Automotive repair, civil construction, DIY, locksmiths, industrial assembly and maintenance, shipbuilding, metallurgy, and so forth

BENEFITS

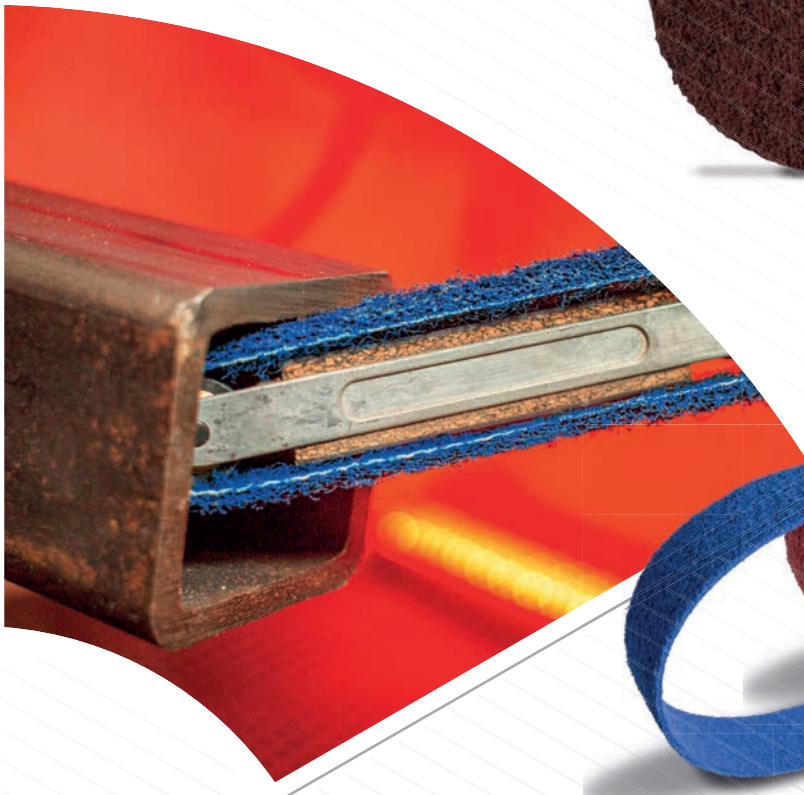
- SAFETY
- UNIFORM FINISH
- REDUCED OPERATOR FATIGUE
- INCREASED PRODUCTIVITY

SPEEDS

- HIGH STRIP DISC 115 mm: 11,000 rpm (60 m/s)
- SURFACE STRIP 101.6 mm: 6,000 rpm
- SURFACE STRIP 152.4 mm: 4,100 rpm

CONFIGURATION

- HIGH STRIP DISC: FACE (15 to 30°)
- SURFACE STRIP: TOP (90°)



BASE TABLE

SUPER BRITISH INDUSTRIAL PRODUCTS

SPECIFICATION	GRAIN	COLOR	GRAIN SIZE	APPLICATION
AG A2G HP	60 – 80	RED	COARSE	Oxidation removal and recovery of degraded and raw parts; Brushed finish; High-removal of residues; Boat hulls recovery; Hardwoods and floors recovery, etc.
AM A2M A2M HP AM HS	100 – 150	RED	MEDIUM	Medium satin finish; Finishing welds in various steel surfaces; Cleaning, Deburring, and Finishing of metals, machines, and tools; High oxide (rust) removal; High-removal of residues; Medium deburring of metal or plastic parts of various formats; Surface preparation for coating baths such as anodizing, chrome plating, etc.; Recovery of metals in the nautical segment; Deburring and finishing of turbine blades; Stainless steel tanks finishing; etc.
AF AF PLUS AF HP	180 – 220	BROWN	FINE	General polishing; Fine satin finish; Finishing welds in stainless steel; Cleaning, deburring, and finishing of metals, machines, and tools; Removal of oxides (rust); Surface preparation for coating baths, such as anodizing, chrome plating, etc.; Recovery of metals in the nautical segment; Deburring and finishing of turbine blades; Stainless steel tanks finishing; etc.
AMF AMF FLEX AMF HP AMF SPECIAL AMF HS	280 – 320	BROWN	EXTRA FINE	General use; Ideal for surface preparation, baths and coatings; Cleaning, Deburring and Finishing of metals, plastics, wood, fiberglass, machines and tools; Removal of oxides (rust); Light deburring of metal or plastic parts of various formats; Satin finish of stainless steel and sanitary metals; Pre-welding surface activation on steel, aluminum and other metals; Cleaning of welds and preparation of non-destructive tests; Preparation for protective film laminations; Recovery of metals in the nautical segment; Metal finishing, deburring and finishing of turbine blades and stainless steel tanks.
GENERAL HP	280	GREEN	EXTRA FINE	General use; Ideal for surface preparation, baths, and coatings; Cleaning, Deburring, and Finishing of metals, plastics, wood, fiberglass, machines, and tools; Removal of oxides (rust); Light deburring of metal or plastic parts of various formats; Satin finish of stainless steel and sanitary metals; Pre-welding surface activation on steel, aluminum, and other metals; Cleaning of welds and preparation of non-destructive tests; Preparation for protective film laminations; Recovery of metals in the nautical segment; Metal finishing, deburring, and finishing of turbine blades and stainless steel tanks.

SPECIFICATION	GRAIN	COLOR	GRAIN SIZE	APPLICATION
HP HEAVY	280	DARK GRAY	MUITO FINO	Sanitary wares; Ceramic insulation.
SSF SSF HP	600	GRAY	SUPER FINE	Fine finishing of metals, plastics, woods, and glass fibers; Activation of paints and primers; Deburring of thin materials such as piston rings; Pre-welding preparation of steel and aluminum pieces; finishing on exposed parts of ships; Finishing of refrigerated counters, showcases, and coated surfaces; Locks, knobs, and hinges; Sanitary metals; Frames; Finishing of cookware and household metals; Medium oxidation removal for application of protective base, etc.
SUF SUF HP	1000	GRAY	ULTRA FINE	Micro finishing on wooden pieces; Surface uniformity; Finishing of refrigerated counters, showcases, coated surfaces, locks, handles, hinges, sanitary metals, aluminum, and stainless-steel panels; Printed circuit boards; Automobile parts; Cookware and household metals; Frames; Jewelry, trinkets, and watches, etc.
TYPE T	TALC	WHITE	ULTRA FINE	Cleaning glass, Teflon, fiberglass, tile and porcelain, stainless steel, chrome, copper, and ceramic surfaces; Aircraft cleaning; Used with liquid detergents; etc.

CLEANING BRUSH

The brushes are made up by web flaps fixed around a core. Their flexible and cushioning action is well suitable for uneven surfaces, as well as satin finishes or long scratches on flat surfaces.

Applications

- For metallic laminates cleaning.

PRODUCT SPECIFICATION

• REFER TO BASE TABLE IN PAGES 4 AND 5.



DESIGNED ACCORDING TO
THE CUSTOMER'S NEEDS.

FINISHING BRUSH

The brushes are made up by web flaps fixed around a core. Their flexible and cushioning action is well suitable for uneven surfaces, as well as satin finishes or long scratches on flat surfaces.

DIAMETER AND DENSITY

Outer Diameter (mm)	Inner Diameter (mm)	Density
150	50	D1 a D11
200	76	
200	78	
250	100	
300	150	
350	200	
400	250	

PRODUCT SPECIFICATION

• REFER TO BASE TABLE IN PAGES 4 AND 5.



MOLDABILITY:

- UNCHANGED GEOMETRY OF THE WORKPIECE;

RUST AND CONTAMINATION FREE

- USABLE WHEN DRY OR WITH WATER, OIL, OR DETERGENT;

HIGH PRODUCTIVITY:

- BEST COST/BENEFIT RATIO IN ALL PROCESSES;

HIGH QUALITY:

- CONSTANT PERFORMANCE FROM BEGINNING TO END.

COMBINED BRUSH WITH NON-WOVEN WEB

Made up by web flaps fixed around a core, these brushes can be combined to different granulometries in order to provide a unique performance tailored to the customer's needs.

DIAMETER AND DENSITY

Outer Diameter (mm)	Inner Diameter (mm)	Density
150	50	D1 a D11
200	76	
200	78	
250	100	
300	150	
350	200	
400	250	
400	250	

PRODUCT SPECIFICATION

• REFER TO BASE TABLE IN PAGES 4 AND 5.



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COMBINED BRUSH WITH COATED ABRASIVE

Made up by web flaps interspersed with sandpaper fixed around a core. This arrangement makes the brushes highly flexible and cushioning, making them ideal for use on uneven surfaces, as well as for a long-scratch satin finish on flat surfaces. These can be combined with different sandpapers to provide a unique and customized performance tailored to the customer's needs.

Market Applications

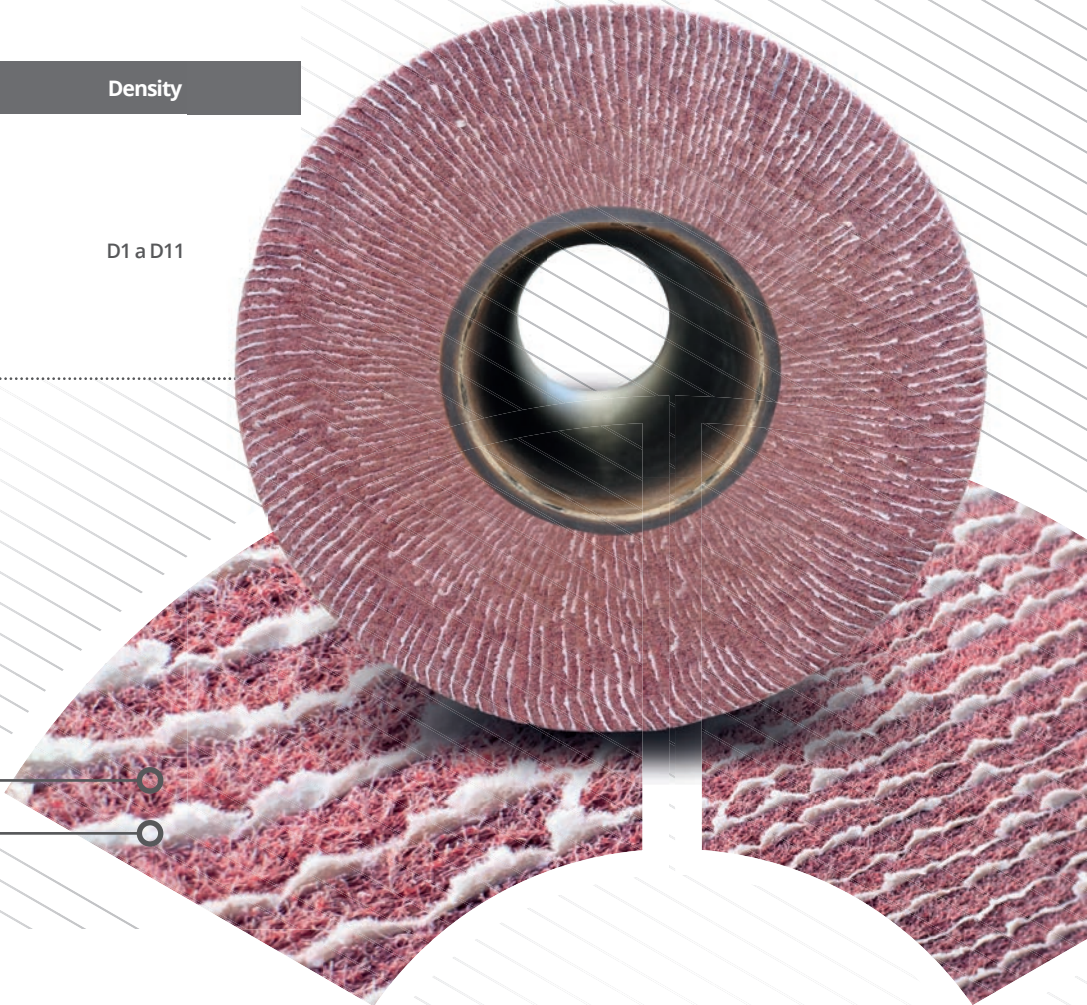
- Uniform aluminum, brass, and stainless-steel satin finish;
- Long-line brushed finish;
- Aged finish on painted hardware parts;
- Wooden frames and contours finish, even after applying sealer or paint;
- Wooden workpieces finish in large-scale machines equipped with a "satin roller;"
- Sheet metal and threaded parts cleaning;
- Glare elimination for plastic parts;
- Industry of wood and furniture, Frames, Sanitary metals, Metallurgy, Stainless steel, Prosthesis, and Surgical instruments, Boilermaking, Ceramics, and so forth.

DIAMETER AND DENSITY

Outer Diameter (mm)	Inner Diameter (mm)	Density
150	50	D1 a D11
200	76	
200	78	
250	100	
300	150	
350	200	
400	250	
400	250	

SANDPAPER

WEB FLAPS



ATTRIBUTES

- USED ON BOTH FLAT AREAS AND IRREGULAR SURFACES;
- REQUIRES LIGHTER PRESSURES;
- WORKS IN BOTH DIRECTIONS OF TURNING.

FEATURES

- HIGHLY FLEXIBLE PRODUCT;
- EXCELLENT CONFORMABILITY TO THE WORKPIECE SURFACE;
- LESS AGGRESSIVE THAN WHEELS.

FINISHINGS

- SATIN;
- LONG-LINE BRUSHED;
- AGED;
- WOODEN FRAMES AND CONTOURS.

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PRODUCT SPECIFICATION

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THREADED ABRASIVE BRUSHES - M14

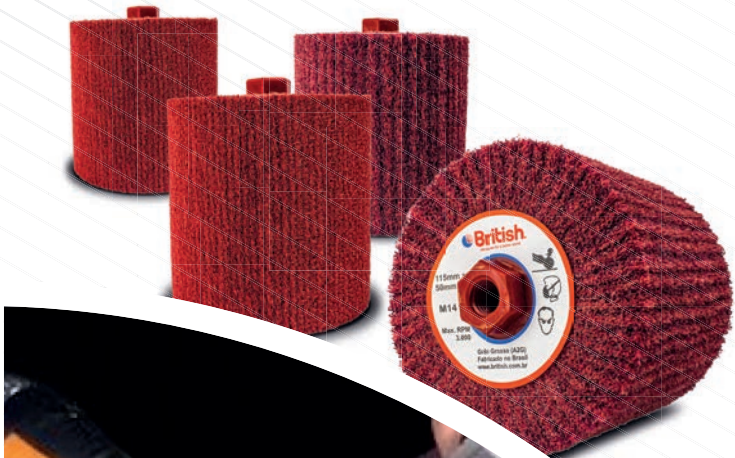
Wide variety of decorative finishes in stainless steel, aluminum, copper bronze, and other metals. Ideal for polishing, deburring, finishing equalization, matting, or other finishing such as pre-painting. Cleaning and restoration, renewing decorative finishes.

Applications

- Stainless steel
- Aluminum
- Bronze
- Copper
- Other metals

DIMENSIONS

(mm)
115 X 100
115 X 50



BRUSH
WEB ONLY:
ABRASIVE-IMPREGNATED
SYNTHETIC FIBERS

PRODUCT SPECIFICATION

• REFER TO BASE TABLE IN PAGES 4 AND 5.



BRUSH
WEB ONLY:
ABRASIVE-IMPREGNATED
SYNTHETIC FIBERS INTERSPERSED
WITH SANDPAPER

WHEELS

The wheels are made up by winding webs around a core and consolidated by special resins. This line includes **Light Burr Removal Wheel** and **Reinforced Wheel**, which are used to obtain different types of surface finishing.

DIAMETER AND DENSITY

Outer Diameter (mm)	Inner Diameter (mm)	Density
150	50	D1 a D11
200	76	
200	78	
250	100	
300	150	
350	200	
400	250	
400	250	

PRODUCT SPECIFICATION

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SHEETS

Wide range of applications, from non-abrasive polishing to heavy-duty oxide cleaning. Durable and resistant, they do not tear or release minerals. The flexibility of the web produces a constant and uniform contact of the product with the workpiece, even for irregular or difficult-to-reach points. Their high renewing capacity of the cutting power provides the sheets with constant aggressiveness and high performance. They do not oxidize, rust, or cause contamination.

PRODUCT SPECIFICATION
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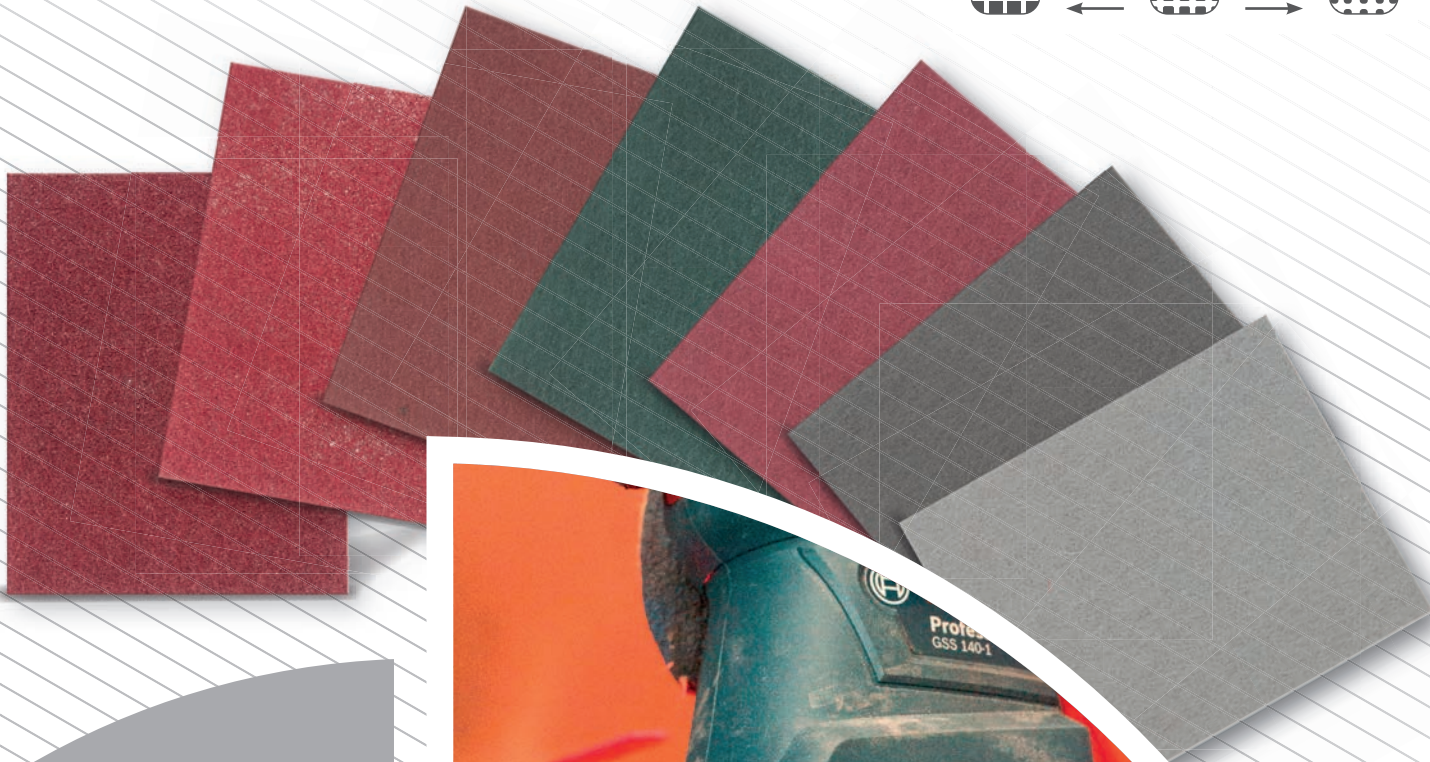
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COARSER

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FINER





STANDARD DIMENSIONS

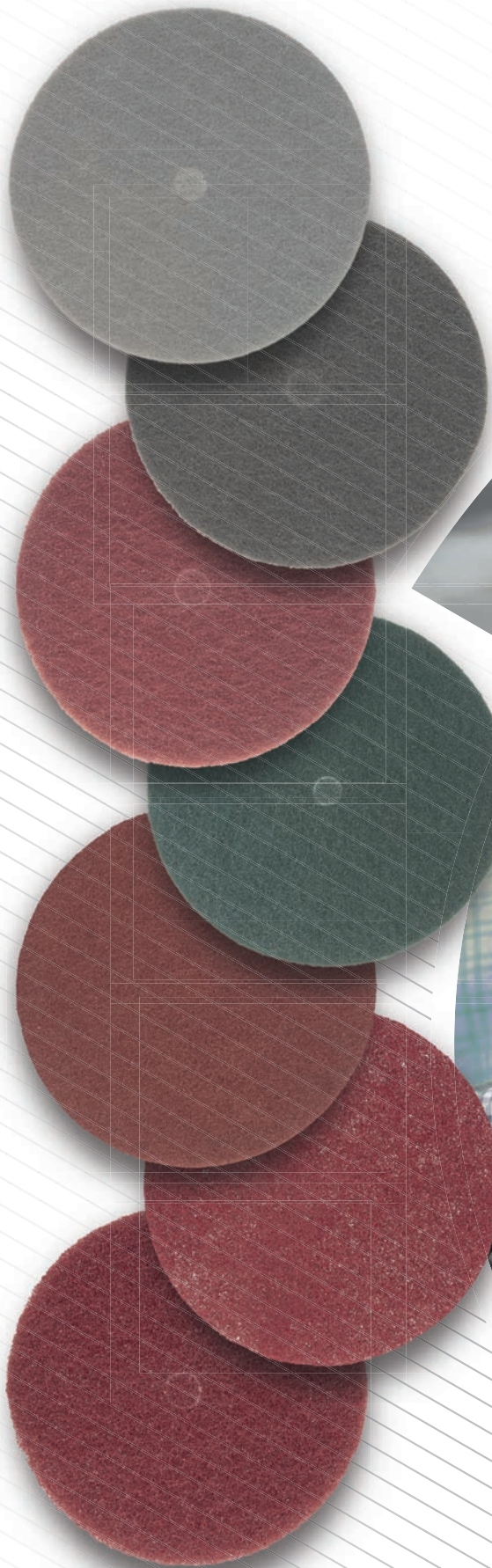
(mm)
130 X 240
225 X 275
230 X 280

See minimum quantity for custom dimensions.

DISCS

Can be used individually or in a set of several discs, for burr repair, cleaning, surface smoothing, polishing, or decorative finishing operations.

DIAMETER AND WIDTH
ON REQUEST



PRODUCT SPECIFICATION
• REFER TO BASE TABLE IN PAGES 4 AND 5.

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COARSER

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FINER



CONVERSION ROLLERS

Supply option to be converted according to the customer's needs.

FULL ROLLERS

DIMENSION WIDTH (mm)	DIMENSION LENGTH (mm)
1.000	100.000

CUT ROLLERS

MINIMUM DIMENSION (mm)	MAXIMUM DIMENSION (mm)
140 to 980	10.000 to 100.0000

PRODUCT SPECIFICATION

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RUBBERFIBER

Non-woven synthetic fiber discs compacted on a shaft.
Produced with self-recovering material.

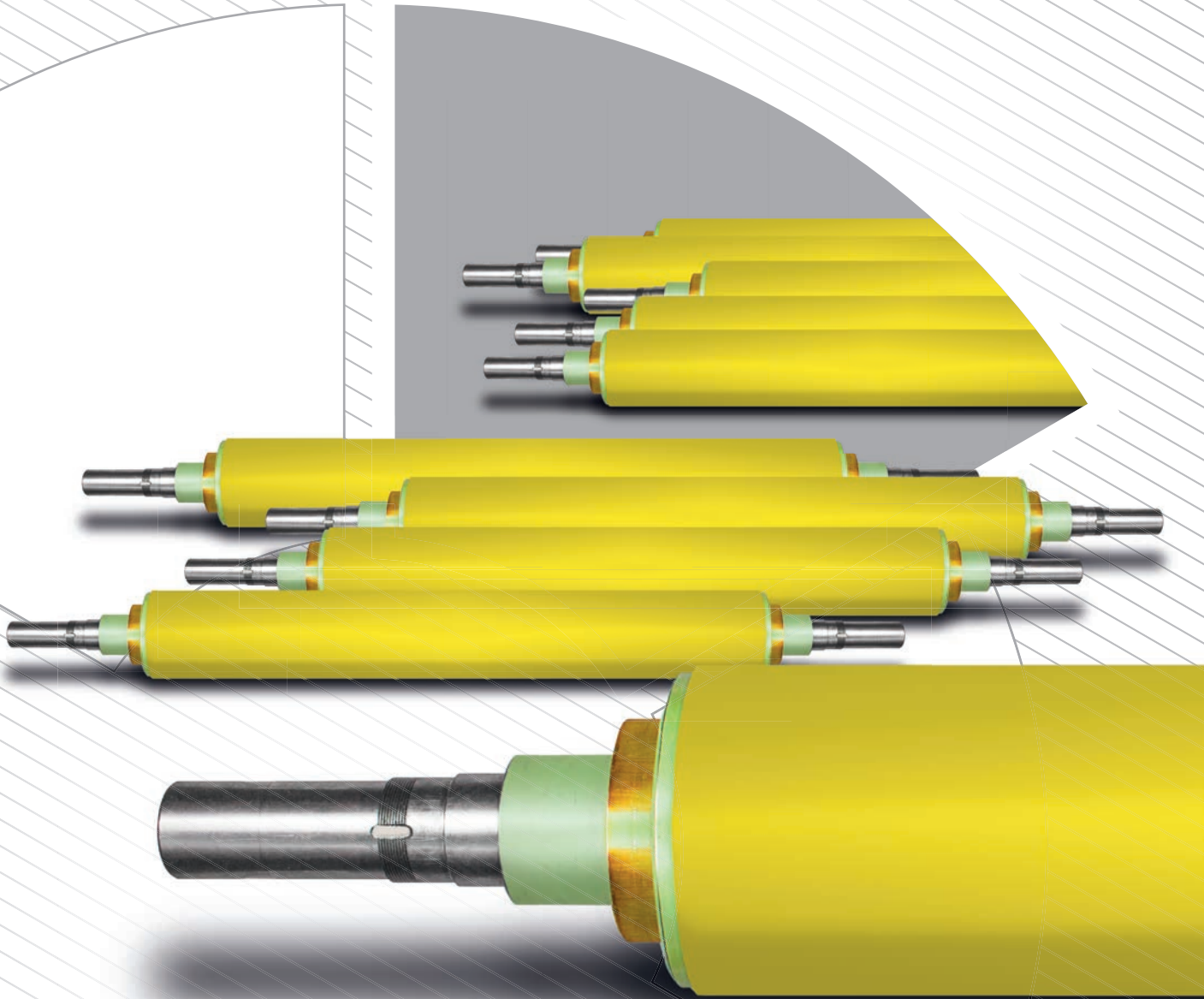
Applications

- Automotive and steel processing industries
- Traction roller for stamping process
- Oiling roller
- Wiping roller


BENEFITS


- PROMOTES A CONSISTENT OIL LAYER
- REDUCES WASTE
- IMPROVES PROCESS CONTROL
- ENHANCES USEFUL LIFE
- REDUCES LINE STOPPAGE
- EASILY REPAIRABLE

DESIGNED ACCORDING TO
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