FOX INDUSTRIAL ABRASIVES

Product Catalog

Eleven abrasive product families engineered for material removal, surface conditioning, precision finishing and final polish — with technical specifications, suitable materials and application guidance for each range.

INDUSTRIES SERVED

- Metal Fabrication
- Automotive Manufacturing
- Stainless Steel Processing
- Engineering Industries
- Construction Sector
- Aerospace Components
- Shipbuilding Industry
- Foundries
- Furniture Manufacturing
- Woodworking Industry
- Industrial Maintenance Facilities

APPLICATION AREAS

- Grinding
- Cutting
- Surface Preparation
- Deburring
- Polishing
- Blending
- Finishing
- Rust Removal
- Weld Cleaning
- Surface Conditioning
- Edge Finishing
- Mirror Polishing

WHY BUSINESSES TRUST FOX

Premium quality	High-quality raw materials and advanced production processes support durable, dependable performance.
Consistent performance	Reliable and repeatable results across applications, materials and working conditions.
Wide product portfolio	One source for industrial grinding, cutting, polishing and finishing requirements.
Cost-effective products	Engineered to improve productivity while reducing consumption and operational cost.
Industry expertise	Practical abrasive knowledge helps you select the right product for each application.
Customer-focused	Responsive support, dependable quality and long-term customer satisfaction.

01 NON-WOVEN WHEELS

Uniform deburring, blending, cleaning and satin finishing without changing the workpiece geometry.

TECHNICAL SPECIFICATIONS

Diameters	100 / 115 / 125 / 150 / 200 mm
Thickness	6 – 50 mm
Bore	16 / 22.23 mm
Grades	Coarse, Medium, Fine, Very Fine
Max. speed	Up to 8,000 RPM
Abrasive	Aluminium oxide / silicon carbide nylon web

APPLICATIONS

- Surface conditioning
- Rust removal
- Deburring
- Cleaning & polishing

KEY BENEFITS

- Removes oxidation without altering geometry
- Load-resistant open web runs cooler
- Uniform satin finish across the surface

SUITABLE MATERIALS

Stainless steel · Mild steel · Aluminium · Brass & copper

02 NON-WOVEN POLISHING DISCS

Consistent, low-heat polishing on stainless steel, aluminium, brass, copper and other metals.

TECHNICAL SPECIFICATIONS

Diameters	100 / 115 / 125 / 180 mm
Mounting	Fibre backing / velcro backed
Grades	Medium, Fine, Very Fine, Ultra Fine
Max. speed	Up to 12,000 RPM
Backing	Non-woven nylon with resin bond
Use with	Angle grinder / random orbital

APPLICATIONS

- Uniform finish
- Reduced heat
- Long service life
- Flexible operation

KEY BENEFITS

- Low-heat polishing avoids discolouration
- Consistent decorative finish
- Long service life per disc

SUITABLE MATERIALS

Stainless steel · Aluminium · Brass · Copper

03 FLAP DISCS

Aggressive material removal and controlled finishing combined in one high-productivity abrasive.

TECHNICAL SPECIFICATIONS

Diameters	100 / 115 / 125 / 180 mm
Grits	P40 – P120
Backing	Fibreglass / plastic
Shape	Type 27 flat & Type 29 conical
Max. speed	13,300 RPM [115 mm]
Abrasive	Zirconia alumina / ceramic

APPLICATIONS

- Weld removal
- Edge grinding
- Surface blending
- Metal finishing

KEY BENEFITS

- Grinds and finishes in a single step
- Cool cutting with reduced loading
- High stock removal with smooth finish

SUITABLE MATERIALS

Carbon steel · Stainless steel · Cast iron · Non-ferrous metals

04 FLEXIBLE FLAP DISCS

Enhanced contact and low vibration for smooth finishing on contours and complex workpieces.

TECHNICAL SPECIFICATIONS

Diameters	100 / 115 / 125 mm
Grits	P60 – P180
Backing	Flexible fibreglass
Profile	Conical for contour contact
Max. speed	13,300 RPM [115 mm]
Abrasive	Zirconia alumina

APPLICATIONS

- Contour work
- Smooth finishing
- Reduced vibration
- Longer working life

KEY BENEFITS

- Superior contact on contours and radii
- Lower vibration and operator fatigue
- Even finish on complex workpieces

SUITABLE MATERIALS

Stainless steel · Alloy steel · Aluminium · Curved profiles

05 CUTTING WHEELS

Fast, precise cutting across steel, stainless steel, alloy metals and fabrication components.

TECHNICAL SPECIFICATIONS

Diameters	100 / 115 / 125 / 180 / 230 mm
Thickness	1.0 / 1.6 / 2.0 / 3.0 mm
Bore	22.23 mm
Type	Type 41 flat & Type 42 depressed centre
Max. speed	80 m/s
Standard	Reinforced, EN 12413 compliant

APPLICATIONS

- High cutting speed
- Minimal burrs
- Excellent stability
- Precise cuts

KEY BENEFITS

- Fast cuts with minimal burr
- Low material loss from thin profiles
- Stable, vibration-free cutting

SUITABLE MATERIALS

Steel · Stainless steel · Alloy metals · Pipes & sections

06 GRINDING DISCS

Heavy-duty grinding engineered for efficient material removal, leveling and industrial durability.

TECHNICAL SPECIFICATIONS

Diameters	100 / 115 / 125 / 180 / 230 mm
Thickness	4.0 / 6.0 / 7.0 mm
Bore	22.23 mm
Type	Type 27 depressed centre
Max. speed	80 m/s
Abrasive	Aluminium oxide / zirconia blend

APPLICATIONS

- Weld grinding
- Surface leveling
- Metal fabrication
- Maintenance

KEY BENEFITS

- High removal rate on heavy welds
- Long wheel life under load
- Durable reinforced construction

SUITABLE MATERIALS

Carbon steel · Stainless steel · Cast iron · Weld seams

07 FELT DISCS

Fine and mirror polishing with compounds for stainless steel, jewellery and surface enhancement.

TECHNICAL SPECIFICATIONS

Diameters	100 / 115 / 125 / 150 mm
Thickness	6 – 25 mm
Density	Soft, Medium, Hard
Material	Wool / blended pressed felt
Use with	Polishing compounds & pastes
Max. speed	Up to 6,000 RPM

APPLICATIONS

- Fine polishing
- Mirror finishing
- Jewellery
- Stainless steel

KEY BENEFITS

- Mirror-bright final polish
- Holds compound evenly
- Ideal for decorative and jewellery work

SUITABLE MATERIALS

Stainless steel · Precious metals · Chrome & alloys · Plastics

08 FLAP WHEELS

Flexible abrasive access for consistent finishing on irregular surfaces, contours and tight areas.

TECHNICAL SPECIFICATIONS

Diameters	40 – 200 mm
Widths	15 / 20 / 25 / 30 / 50 mm
Grits	P40 – P320
Types	Mounted [6 mm shank] & unmounted
Max. speed	Up to 20,000 RPM [mounted]
Abrasive	Aluminium oxide cloth

APPLICATIONS

- Consistent finish
- Flexible operation
- Long abrasive life
- Improved access

KEY BENEFITS

- Reaches tight and irregular areas
- Steady finish as the wheel wears
- Long abrasive life

SUITABLE MATERIALS

Steel · Stainless steel · Aluminium · Wood

09 COMBI FLAP WHEELS

Abrasive cloth and non-woven material combined for grinding, blending and finishing in one pass.

TECHNICAL SPECIFICATIONS

Diameters	80 / 100 / 150 / 200 mm
Widths	20 / 30 / 50 mm
Construction	Abrasive cloth + non-woven web
Grades	Coarse / Medium / Fine combinations
Bore	16 / 22.23 mm
Max. speed	Up to 6,000 RPM

APPLICATIONS

- Surface conditioning
- Deburring
- Finishing
- Stainless steel

KEY BENEFITS

- Grinds and blends in one pass
- Reduces tool and step changes
- Even satin finish on stainless

SUITABLE MATERIALS

Stainless steel · Mild steel · Aluminium · Tube & profile

10 HAND PADS

Effective manual cleaning, polishing and preparation for industrial and maintenance work.

TECHNICAL SPECIFICATIONS

Size	150 × 230 mm [standard sheet]
Grades	Coarse, Medium, Fine, Very Fine, Ultra Fine
Colours	Maroon, Green, Grey, White
Material	Abrasive-coated nylon web
Use	Dry or wet, with or without compound
Packing	Packs of 10 / 20

APPLICATIONS

- Surface cleaning
- Rust removal
- Finishing work
- Manual deburring

KEY BENEFITS

- Conforms to any shape by hand
- Works wet or dry
- Economical surface preparation

SUITABLE MATERIALS

Stainless steel · Aluminium · Painted surfaces · Timber

11 NON-WOVEN FLAP WHEELS

Controlled material removal for precision conditioning, edge blending and oxidation removal.

TECHNICAL SPECIFICATIONS

Diameters	100 / 150 / 200 / 250 mm
Widths	25 / 50 mm
Bore	16 / 25.4 mm
Grades	Coarse, Medium, Fine, Very Fine
Max. speed	Up to 4,500 RPM
Abrasive	Non-woven flaps, resin bonded

APPLICATIONS

- Surface conditioning
- Edge blending
- Weld blending
- Rust removal

KEY BENEFITS

- Controlled, gentle material removal
- Blends welds without gouging
- Consistent conditioning over wide areas

SUITABLE MATERIALS

Stainless steel · Mild steel · Aluminium · Copper alloys

REQUEST A QUOTE

Tell us your size, grade, quantity and application — we confirm availability and recommend the right specification.