NORTON®
SAINT-GOBAIN

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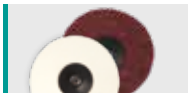
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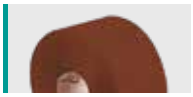
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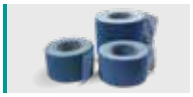
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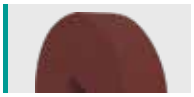
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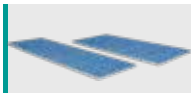
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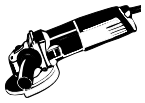

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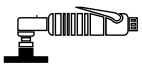

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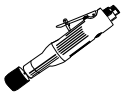

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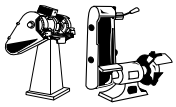

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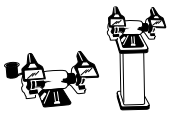

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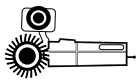

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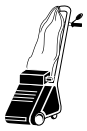

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† To help better describe the abrasive fixing system we have changed the name from 'NorGrip' to 'Self-Grip'.

INTRODUCTION

The Norton coated abrasive and Beartex product offering encompasses a complete range of belts, discs, rolls, sheets and flap wheels for all your polishing, welding, maintenance and repair operation needs.

This extensive product range includes products designed for all types of applications, including heavy stock removal, dimensioning, grinding, deburring, cleaning, blending, polishing and finishing operations.

UNDERSTANDING THE PRODUCT

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BACKING	PRINCIPAL ABRASIVE	COATED	RANDOM

BACKING

A - Light Paper
F - Fibre
G - Heavy Paper
H - Heavy Paper
K - Cloth
Q - Various (e.g. Screenback & Film)
R - Cloth
S - Combination
T - Waterproof Paper
U - Norax
W - Special (Cork)

PRINCIPAL ABRASIVE

1 - Aluminium Oxide
2 - Aluminium Oxide
3 - Aluminium Oxide
4 - Silicon Carbide
6 - Emery
7 - Flint
8 - Zirconia Alumina
9 - SG - Ceramic Aluminium Oxide

COATED

Odd Number - Open coat
Even number - Closed coat

RANDOM

Differentiates different products within the same product group

BACKING TYPES

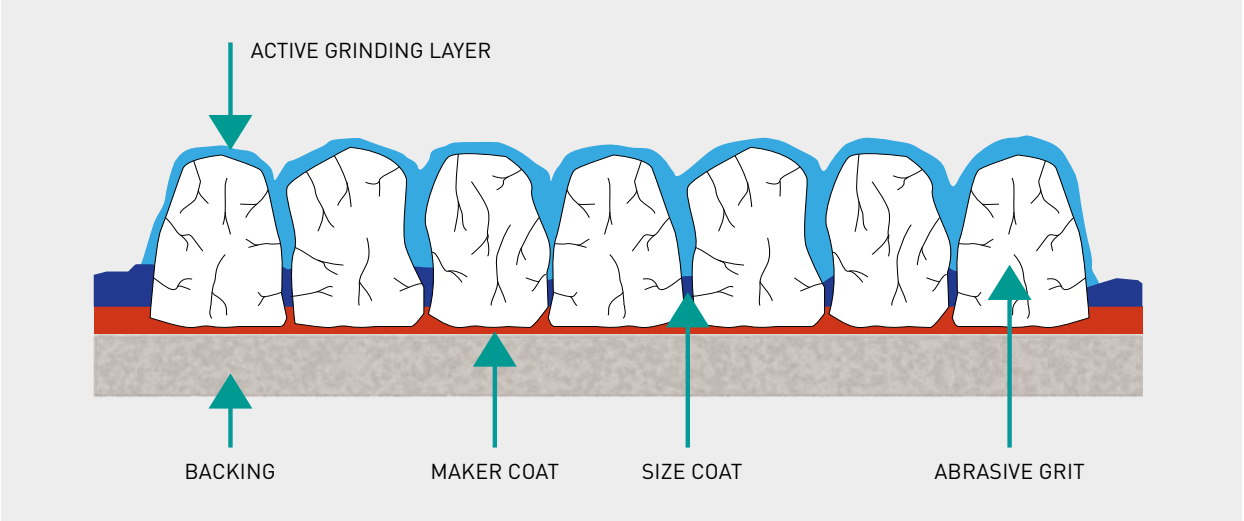
Whether paper, cloth, vulcanised fibre or polyester film, the backing must be smooth enough for uniform adhesive coating, strong enough to withstand grinding pressures and flexible enough to conform to contours if necessary.

ABRASIVE TYPES

The ideal abrasive grain offers maximum resistance to point wear, yet fractures before serious dulling occurs, thereby satisfying both stock removal and finishing requirements.

ABRASIVE BONDS

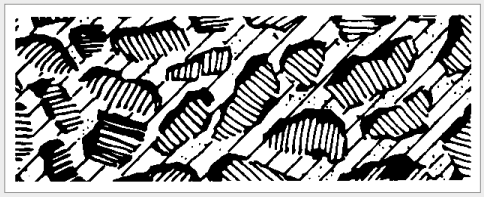
There are two main types of adhesives in use, one based on animal glue, and the more common based on synthetic heat hardened resins. The adhesive is applied with a minimum of two bonding applications. The first, or maker coat, adheres the abrasive grain to the backing ensuring proper anchoring and orientation. After drying, or curing, the second, or size coat is applied. The sizer adhesive, united with the maker bond, provides final grain anchoring and the proper total adhesive level for the finished product.



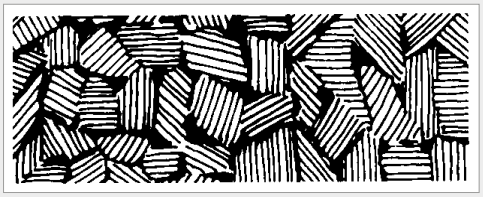
ABRASIVE GRAIN DISTRIBUTION

There are two types of abrasive grain coverage on the backing:

- Openly spaced distribution where between 30% and 60% of the backing is covered leaving large spaces between each abrasive grain. It is used in operations where the grinding swarf would otherwise 'load' or clog the surface, reducing cutting efficiency and shortening the coated abrasive life
- Closely packed grain distribution is where the grain completely covers the backing. The greater number of abrading points in a given area leads to faster stock removal. It is recommended where loading is not a problem and where smoother surface finishes are desired



OPEN COAT
(1/3 LESS GRAIN THAN CLOSED)



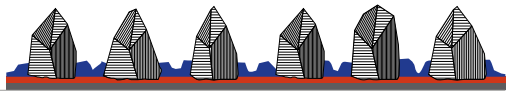
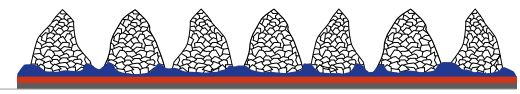
CLOSED COAT

SPECIAL COATED SURFACE TREATMENT NO-FIL TREATMENT

In order to provide even further resistance to loading, some open coat paper products are given a special surface treatment of zinc stearate after the sizing operation. Such products are ideal for sanding between sealer coats on furniture, sanding after primer coats on automobiles, removing varnish from wood, and numerous other operations where conventional abrasive products fail prematurely due to loading.

Norton's trademark for products utilising this treatment is No-Fil.

ABRASIVE GRAIN TYPES

GRAIN TYPE	BOND / TOUGHNESS	STRUCTURE	PROPERTIES / WEAR PROPERTIES
SILICONE CARBIDE (SIC)	Very hard / less tough	Crystalline	Sharp-edged, brittle, highly friable / micro wear
ALUMINIUM OXIDE	Hard / tough	Crystalline, irregular	Wedge-shaped, block grain, even wear
ZIRCONIA ALUMINA	Hard / very tough	Crystalline, even	Wedge-shaped, block, drop formed grit / micro wear, self-sharpening 
CERAMIC ALUMINIUM OXIDE	Hard / very tough	Micro crystalline	Sharp-edged, pointed grit / micro wear, self-sharpening 

COATED ABRASIVES

NATURAL ABRASIVES

Emery is a natural composite of corundum and iron oxide. The particles are blocky in shape and tend to cut slowly, thereby producing a polishing action on the material being abraded. Used for general maintenance and polishing of metals and in very fine grits for highly technical polishing, such as preparing metallurgical specimens requiring very close tolerances. Emery products are black in colour.

SYNTHETIC ABRASIVES

- Aluminium oxide is tough and well adapted to grinding high tensile materials, such as carbon steel, alloy steels, tough bronze and hard woods. When toughness (ability to resist fracturing) is the main consideration, aluminium oxide out performs all other coated abrasive grains
- Silicon carbide is the hardest and sharpest of the minerals used in coated abrasives. Its hardness and sharpness makes it the ideal abrasive for sanding non-ferrous metals (aluminium, brass, bronze, magnesium, titanium, etc.), rubber, glass, plastics, fibrous woods, enamel and other relatively soft materials. Silicon carbide is superior to any other abrasive in its ability to penetrate and cut faster under light pressure
- Zirconia alumina has a unique self-sharpening characteristic which gives it long life on rugged stock removal operations. Zirconia alumina is well suited for heavy grinding of metals and planing wood, because the controlled fracturing of the grain continuously produces sharp, new abrading points
- Ceramic aluminium oxide is a long-lasting, tough, dense abrasive due to its micro structure.
  The extremely small micron size particles break off during grinding, producing multiple new cutting edges. As it stays sharp, especially when used in medium and high pressure operations, it cuts at a higher rate than other abrasives. Recommended for use on forged and carbon steels, high nickel and cobalt alloys

BACKING TYPES

Whether paper, cloth, vulcanised fibre, a combination or polyester film, the backing must be smooth enough for uniform adhesive coating, strong enough to withstand grinding pressures and flexible enough to conform to contours (if necessary). For reasons of economy, the least expensive backing compatible with the job requirements should be selected.

PAPER

The standard paper weights used in coated abrasives are indicated by a letter code which appears immediately after the grit size on the finished product backing. Briefly stated, the lighter the backing, the greater the degree of flexibility; the heavier the backing, the greater the resistance to tearing.

A-WEIGHT (70gms)

Light and flexible, A-weight is used primarily for hand finishing operations both wet and dry.
Grits 80 and finer.

C-WEIGHT (120gms)

Stronger and less flexible than A-weight. This backing is chosen for hand sanding, dry or wet, and for use on small portable power sanders. Intermediate through fine sanding. Grits 60 through 180.

D-WEIGHT (150gms)

Stronger and less flexible than C-weight. This backing is also chosen for hand sanding and for use on small portable power sanders. Coarse through intermediate sanding. Grits 36 through 80.

E-WEIGHT (220gms)

Stronger and less flexible than D-weight, this backing is used primarily on roll, belt and disc applications where high resistance to tearing is needed.

F-WEIGHT (300gms)

The strongest, least flexible paper backing utilised. Used for crankshaft lapping rolls, tannery industry belts and rolls, and NorZon belts only.

FIBRE

Fibre backings, made of multiple layers of impregnated paper, are very hard and strong, yet provide sufficient flexibility for the intended applications. 0,8mm thick fibre has the greatest strength of any backing used for coated abrasives. This backing is used on resin bonded fibre discs designed for heavy duty portable grinding applications.

COMBINATION

Combination backing, constructed by laminating light cloth and stiff E-weight paper, is used where resistance to tearing and breaking is a requirement. Primarily utilised on products designed for chipboard/MDF sanding.

CLOTH

Cloth backings are more durable than paper, offer greater resistance to tearing, and tolerate continual bending and flexing during use. Norton use traditional woven cloth in the manufacture of their coated abrasives. The backing has construction and finishing characteristics designed to make it ideally suited to a specific application. The standard cloth weights used in coated abrasives are indicated by a letter code which appears immediately after the grit size on the finished product backing.

J-WEIGHT

The lightest and most flexible cloth backing, this backing is used where finish and uniformity of the surface are more important than stock removal. Ideal for finishing, blending and where flexibility and conformity are required, such as contour work or curved surfaces.

X-WEIGHT

Stronger and relatively stiff when compared to J-weight, this backing is used on products designed for coarse grit stock removal applications through fine grit finishing and polishing. Consistent productivity, relatively good finishes and long product life are characteristics of products made on X-weight backings.

Y-WEIGHT

Stronger and more resistant to longitudinal splitting than regular drills cloth, Y-weight backing is used on products designed for severe applications, such as narrow belt grinding of hand tools and wide belts sanding of lumber and particleboard dimensioning.

FILM

Polyester is used as the backing media for Norton's range of precision graded microfinishing products. Film backings can be used wet or dry and have excellent resistance to chemical attack, while being tear resistant and durable.

INTRODUCTION TO BEARTEX NON-WOVEN PRODUCTS

Beartex consists of a backing in "non-woven" nylon fibres evenly impregnated with abrasive granules through the binding action of synthetic resins. This structure forms a "three-dimensional" abrasive material. Since this product was created as a finishing tool for operations where no material need be removed, it is particularly suitable for buffing-up purposes or to reduce the roughness of a surface: BearTex begins to act when other abrasive tools have terminated their work. In all those situations where a buffing, cleaning or finishing operation is required, the BearTex product is decidedly a must.

UNDERSTANDING THE NON-WOVEN CAP CODE SYSTEM

RapidFinish Convolute S/C (Silicon Carbide) FINE	C	4	4	15

MARKETING PRODUCT NAME	MARKETING CAP CODE FAMILY	TYPE OF MATERIAL	GRAIN	GRADE	INTERNAL DIFFERENTIATION
BearTex	Flat Stock	**F**	**0** - No Grain	**0** - No Grit	Consecutive numbers used for internal differentiation
Rapid Blend-Unified	Utitised / Unified	**U**	**1** - A/O White	**1** - Extra Coarse	
Rapid Strip	Rapid Strip	**R**	**2** - A/O Brown	**2** - Coarse	
Rapid Prep-Surface Conditioning	SCM Surface Conditioning Material / Blending	**S**	**4** - S/C	**3** - Med.	
Rapid Finish-Convolute	Convolute	**C**	**5** - Garnet	**4** - Fine	
Floor pads	Floor Maintenance	**JF**	**7** - Diamond	**5** - Very Fine	
			9 - Ceramic	**6** - Ultra Fine	
				7 - Super Fine	
				8 - Micro Fine	

USED WET OR DRY, BEARTEX PRODUCTS OFFER THE FOLLOWING ADVANTAGES:

- A predictably consistent, uniform finish
- Minimum smearing and discolouration of the workpiece as heat is dissipated through the open mesh of the product
- Increased productivity through savings in time
- Ability to automate operations
- Reduced operator training
- Less maintenance required
- Greater safety than other methods
- Conformability to irregular surfaces

These advantages make BearTex products an excellent alternative to bristle brushes, set-up wheels, greaseless compounds, and steel wool. Operators quickly learn the techniques of using BearTex products to produce eye catching finishes.

BEARTEX PRODUCTS CAN BE USED ON A WIDE VARIETY OF SURFACES

- Aluminium
- Chromium
- Tantalum
- Fibreglass
- Brass
- Stainless Steel
- Ceramics
- Wood
- Copper
- Zinc
- Glass
- Plywood
- Nickel
- Titanium
- Plastic

APPLICATIONS INCLUDE

- Deburring
- Blending
- Defuzzing plywood
- Decorative finishes
- Cleaning
- Polishing
- Dulling laminates
- Scrubbing
- Highlighting
- Imparting satin
- Scouring
- Deflashing plastics
- Removing raised wood fibres

NORTON®

SAINT-GOBAIN

COATED ABRASIVES

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FOR ANGLE GRINDERS

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COATED ABRASIVE DISCS FOR ANGLE GRINDERS

Norton has a complete range of high performance Flap and Fibre discs available in premium performance Norton SG ceramic aluminium oxide, zirconia alumina, silicon carbide, and aluminium oxide abrasives. For everything from heavy-to-medium stock removal, to fine finishing, to light blending and polishing, coated abrasive Flap and Fibre discs are available in many shapes, abrasive grains, specialty coatings and backing configurations to meet many application needs.

From within our range you will find the perfect coated disc for every performance/price level, supported by a wide range of accessories to optimise your choice.

We have provided selection guides and charts to help you find the right product for your needs and don't forget our new Innovations highlighted throughout this powerful range. We also included SPEC CHECKS to provide you with helpful hints and tips when using the products.

WHY CHOOSE FLAP DISCS?

Flap discs are versatile abrasive tools that can be used for applications ranging from stock removal to blending.

FLAP DISCS VS. GRINDING WHEELS

- Faster stock removal
- Smoother finish, no gouging
- Cooler cutting, less glazing
- Lightweight, easier to control
- Less vibration, less operator fatigue
- Reduced noise

FLAP DISCS VS. FIBER DISCS

- 20X longer life, reduced abrasive cost
- Fewer disc changes, reduced labour cost
- More consistent finish
- No back-up pad required
- Easier storage, no curling
- Reduced loading
- Use flap discs one grit size coarser than fibre discs, except in 40 grit

NON-WOVEN DISCS FOR ANGLE GRINDERS

Non-woven discs for angle grinders have three components: strong synthetic fibre mesh and quality abrasives, bonded together by a smear-resistant adhesive. Rapid Strip discs have an open web construction that enables aggressive cutting action while maintaining a cool, non-loading surface. Rapid Blend discs have a unitised construction with varying weave – from open to tighter – for deburring and finishing. Rapid Prep discs have a more open weave that excels in surface preparation and cleaning. Each product provides excellent cutting action while improving surface finish.

WHY CHOOSE NON-WOVEN DEPRESSED CENTRE DISCS?

NON-WOVEN RIGHT ANGLE DISCS VERSUS FIBRE DISCS, WIRE BRUSHES AND DEPRESSED CENTRE WHEELS

- Deburring, blending and finishing with one product to reduce the number of steps
- Provides a controlled, sustained finish
- Prevents undercutting and gouging
- Provides a cooler grinding action to lessen the chance of warping or discolouration
- Ideal when loading is an issue, on fibreglass, adhesives and soft metals
- For stripping coatings and paint off of hard materials like concrete, cement and stone
- Less vibration and quieter for high operator acceptance
- Provides an alternative to wire brushes

RECOMMENDATION GUIDE FOR NON-WOVEN DISCS ON ANGLE GRINDER

APPLICATION	HIGHEST PRODUCTIVITY. LOWEST TOTAL COST	EXCELLENT BLEND OF PERFORMANCE & PRICE	CONSISTENT PERFORMANCE. LOW INITIAL PRICE
	+++++	++++	+++
Removing scale and coarse welding marks	Blaze Rapid Strip Ceramic extra coarse	-	Rapid Strip S/C extra coarse
Removing coatings, epoxy/glue, paint		-	
Removing rust, oxidation, corrosion and residue		-	
Removing parting lines and seams on fibreglass parts		-	
Removing paint/graffiti from concrete/stone		-	
Removing weld marks and weld spatter	-	Vortex Rapid Blend 5A medium	Rapid Prep A/O coarse
Stainless steel deburring and cleaning	-		Rapid Prep A/O coarse
Removing small flashings and parting lines	-		Rapid Prep A/O coarse
Surface preparation before coatings/plating	-	Vortex Rapid Prep A/O medium	Rapid Prep A/O medium
Light cleaning	-	Vortex Rapid Prep A/O medium	Rapid Prep A/O medium
Cleaning and preparing welds	-	Vortex Rapid Prep A/O fine	Rapid Prep A/O fine
Removing blemishes after welding stainless steel	-	Vortex Rapid Prep A/O fine	Rapid Prep A/O fine
Blending and finishing all metal parts	-	Vortex Rapid Prep A/O very fine	Rapid Blend NEX 2SF
Creating decorative finishes on stainless steel	-	Vortex Rapid Prep A/O very fine	Rapid Blend NEX 2SF
Final finishing and polishing	-	Vortex Rapid Prep A/O very fine	Rapid Blend NEX 2SF
Final finishing/polishing where high conformability is needed	-	-	Rapid Blend NEX 2SF

FIBRE DISCS
FOR ANGLE GRINDERS

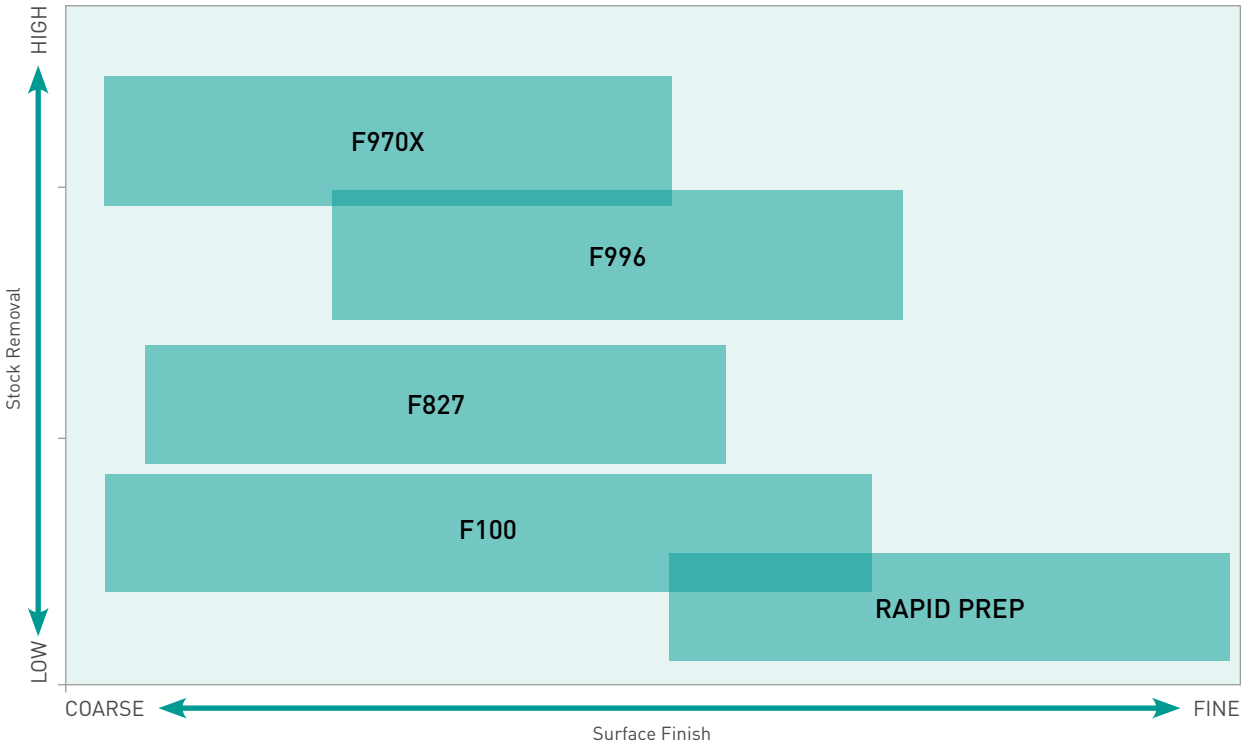
From rapid weld grinding to blending and finishing, Norton has a complete range of high performance fibre discs available in premium performance Norton SG ceramic aluminium oxide, zirconia alumina and aluminium oxide abrasives.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

MATERIALS	NORTON QUANTUM F996	*NEW* BLAZE X F970X	NORZON F827	METAL F100
	+++++	+++++	++++	+++
Stainless steel, inox	✓✓	✓		
Titanium, inconel & super alloys	✓✓	✓		
Carbon, construction & mild steel	✓	✓✓	✓	✓
Cast iron	✓	✓	✓	✓
Non-ferrous metal (brass/aluminium)			✓	✓
Hard wood			✓	✓

PRODUCT COMPARISON CHART



NORTON QUANTUM F996

- Ideal for cool grinding on stainless steel and heat-resistant steels
- Exceptionally high material removal and long life
- Especially suitable for heavy duty applications
- Generates an excellent surface finish

CORDLESS COMPATIBLE

METAL

SIZE (mm)	GRIT	PK QTY	ART NO.
115x22	36	25	66623327494
	50	25	66623327496
	60	25	66623327497
	80	25	66623327499
	120	25	66623327500
125x22	36	25	66623327501
	50	25	66623327502
	60	25	66623327503
	80	25	66623327504
	120	25	66623327505
150x22	36	25	66623381328
	60	25	66623399637
	80	25	66261138545
180x22	36	25	66623327506
	50	25	66623327507
	60	25	66623327508
	80	25	66623327509
	120	25	66623327510

SPEC CHECK

Grinding on stainless generates a considerable amount of heat; always use a Norton Quantum disc with 'supersize' layer, a grinding aid added to the disc to reduce heat generation and improve cut and finish quality. Typically, a coarse grit disc is used when grinding MIG welds and a finer grit disc is used when grinding TIG welds.

NEW BLAZE X STEEL F970X +++++

FOR CARBON STEEL

- Ceramic micro-fracturing grain constantly self-sharpens, exposing new sharp edges, for a better cut rate and longer disc life
- Stronger fibre backing provides better face-to-surface grinding, but also resists tearing in heavy-duty applications
- Specially designed for use on carbon steel, indicated on the back of every disc, for easy disc identification.

METAL

SIZE (mm)	GRIT	PK QTY	ART NO.
115x22	36	25	78072718984
	50	25	78072718985
	60	25	78072718986
	80	25	78072718987
125x22	36	25	78072718988
	50	25	78072718989
	60	25	78072718990
	80	25	78072718991
180x22	36	25	78072718992
	50	25	78072718993
	60	25	78072718994
	80	25	78072718995

SPEC CHECK

Using a supersized disc is not necessary on carbon steel due to less heat generated than that produced on stainless steel. BlazeX F970X is the best choice for carbon steel.

FIBRE DISCS FOR ANGLE GRINDERS

NORZON F827 ++++

- High stock removal rate for rough grinding and deburring of steel and stainless steel
- High and regular cut rate at medium pressures
- Norzon abrasive with self-sharpening effect
- Excellent price-performance ratio

METAL INOX

SIZE (mm)	GRIT	PK QTY	ART NO.
115x22	24	25	69957360048
	36	25	63642539615
	50	25	69957360053
	60	25	63642539616
	80	25	63642539617
	120	25	63642533055
125x22	24	25	63642539619
	36	25	63642536483
	50	25	63642539620
	60	25	69957360057
	80	25	63642539622
	120	25	63642533056
180x22	24	25	63642533062
	36	25	63642533063
	50	25	63642533064
	60	25	63642533065
	80	25	63642533066
	120	25	63642533068

F100 METAL +++

- Versatile abrasive fibre discs for processing steel and metal alloys
- Increased stock removal rate for rough grinding and deburring
- Tough and versatile aluminium oxide abrasive
- Wide selection of grit sizes and diameters

CORDLESS COMPATIBLE

FERR. & NON FERR.

SIZE (mm)	GRIT	PK QTY	ART NO.
115 x 22	16	25	66623385735
	24	25	66623385738
	36	25	66623385741
	40	25	66623385745
	50	25	66623385747
	60	25	66623385748
	80	25	66623385750
	100	25	66623385751
	120	25	66623385757
125 x 22	16	25	66623385761
	24	25	66623385764
	36	25	66623385768
	40	25	66623385770

	SIZE (mm)	GRIT	PK QTY	ART NO.
	125 x 22	50	25	66623385773
		60	25	66623385775
		80	25	66623385776
		100	25	66623385778
		120	25	66623385779
	180 x 22	16	25	66623385755
		24	25	66623385758
		36	25	66623385760
		40	25	66623385752
		50	25	66623385793
		60	25	66623385749
		80	25	66623385746
		100	25	66623385744
		120	25	66623385739

NYLON FIBREGLASS REINFORCED BACK-UP PADS

- The curved ribs keep the pad and abrasive cooler while retaining a level of flexibility across the pad
- For tougher grinding operations
- Conforms ISO 15636
- Grits 36+ and finer

SIZE (mm)	THREAD	DENSITY	MAX. RPM	PK QTY	ART NO.
115	M14	Rigid	13300	5	66623376727
125	M14	Rigid	12200	5	66623376821
	5/8	Rigid	12200	5	66623377068
150	M14	Rigid	10200	5	69957309184
180	M14	Rigid	8500	5	66623376822
	5/8	Rigid	8500	5	66623377069

NYLON BACK-UP PADS

- For universal use
- Conforms to ISO 15636
- Grits 60+ and finer

SIZE (mm)	THREAD	DENSITY	MAX. RPM	PK QTY	ART NO.
115	M14	Hard	13300	5	69957382828
	M14	Medium	13300	5	69957382825
125	M14	Hard	12200	5	69957382829
	M14	Medium	12200	5	69957382826
180	M14	Hard	8500	5	69957382830
	5/8	Medium	8500	5	63642588345
	M14	Medium	8500	5	69957382827

FIBRE DISC BACK-UP PAD DENSITY GUIDE

SPEC CHECK

RIGID suitable for tough grinding operations and where very high stock removal is required such as chamfering.

HARD DENSITY suitable for coarse applications and higher stock removal such us chamfering, welded seam or deburring work.

MEDIUM DENSITY suitable for medium/ fine applications such as edge rounding or surface grinding.

FLAP DISCS
FOR ANGLE GRINDERS

Norton flap discs are engineered for light stock removal, edge chamfering, deburring, blending and finishing, reducing processing time and lowering total abrasive costs. Flap discs cut faster and provide a better finish than fibre discs while having the added benefit of longer life thanks to the flap construction.

PRODUCT SELECTION GUIDE

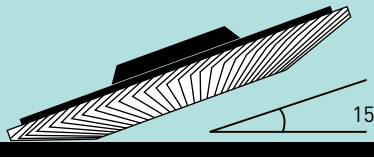
Highly recommended ✓✓
Recommended ✓

MATERIALS	NORTON QUANTUM R996	X-TREME PRO R928	***NEW*** X-TREME R860	NORTON EASYTRIM	VULCAN R842	STARLINE
	+++++	+++++	+++++	++++	++++	+++
Stainless steel, inox & duplex	✓✓	✓✓	✓			
Inconel, titanium & super alloys	✓✓	✓✓	✓	✓	✓	
Carbon, construction & mild steels	✓✓	✓✓	✓✓	✓✓	✓✓	✓
Cast Iron		✓	✓✓	✓✓	✓✓	✓✓
Non-ferrous metal (brass/aluminium)						✓✓
Hard & soft wood						✓✓

DISC SHAPES

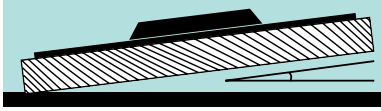
TYPE 29 CONICAL

- For both contoured surfaces and edge work
- Angled flaps provide greater contact when removing stock on flat surfaces
- The best choice for fast stock removal



TYPE 27 FLAT

- For use on flat surfaces
- Best choice for blending and finishing



X-TREME PRO R928 +++++

- X-Treme Pro R928 pink high performance flap discs, with polycotton cloth backing and ceramic grain, provide an improved cut rate and product life compared to both premium zirconium discs and ceramic products in the market, thanks to its high density configuration
- These discs also feature an additional supersize layer for cooler cutting, reducing heat generation during use for better part quality first and every time
- X-Treme Pro R928 is ideal for fast grinding when used at medium pressure on stainless steel or harder metals

METAL INOX

FIBRE GLASS BACKED	SIZE (mm)	GRIT	PK QTY	ART NO.
	115 x 22	40	10	78072723630
		60	10	78072723632
		80	10	78072723633
		120	10	78072723634
	125 x 22	40	10	78072723652
		60	10	78072723653
		80	10	78072723654
		120	10	78072723655
	180 x 22	40	10	78072723810
		60	10	78072723811
		80	10	78072723812
		120	10	78072723813

For heavy and fast material removal, has long life

Perfect for fast edge chamfering and de-burring

Supersize layer for a cooler cut and reduced heat generation during use, providing better part quality and no burn marks

NEW X-TREME R860 +++++

- 100% sharp Norzon grain for a faster cut from the very beginning
- Tough polyester backing for excellent product life and more material removal with one disc
- Ideal on medium to high pressure applications on carbon steel and hard metals

METAL INOX

FIBRE GLASS BACKED	SIZE (mm)	GRIT	PK QTY	ART NO.
	115 x 22	40	10	78072726071
		60	10	78072726074
		80	10	78072726075
		120	10	78072726043
	125 x 22	40	10	78072726076
		60	10	78072726077
		80	10	78072726078
		120	10	78072726045
	180 x 22	40	10	78072726080
		60	10	78072726081
	125 x 22	40	10	78072726053
		60	10	78072726068

SPEC CHECK

Using a supersized disc is not necessary on carbon steel as less heat is generated than on stainless steel. X-Treme R860 is the best choice for carbon steel.

NORTON QUANTUM R996 +++++

- Ideal for cool grinding on stainless steel
- Extremely aggressive ceramic grain for noticeably faster cut rate
- Strong polyester backing for demanding work on edges
- Especially suitable for high pressure applications on high power angle grinders

METAL INOX

FIBRE GLASS BACKED	SIZE (mm)	GRIT	PK QTY	ART NO.
	115 x 22	40	10	66254461027
		60	10	66254461029
		80	10	66254461031
	125 x 22	40	10	66254445878
		60	10	66254445879
		80	10	66254461033

SPEC CHECK

Flap discs with polyester backing will give the best performance when used with high power machines.

NORTON EASYTRIM R842

++++

- Trimmable backing pad extends product life, so fewer discs are needed
- Backing plate is colour coded by grit so product identification and selection is easy
- Sharp zirconia grain, grinds material away quickly in all applications
- Create flexible flaps by trimming the pad for easy access to T-joins, corners and curves

METAL INOX

NYLON TRIMMABLE BACKING	SIZE (mm)	GRIT	PK QTY	CONICAL
	125 x 22	40	10	78072705358
		60	10	78072705359
		80	10	78072705360
		120	10	78072705361

GRINDING

DEBURRING

BLENDING

FINISHING

VULCAN R842 ++++

- Versatile product for rough grinding and deburring on steel and stainless steel
- Self-sharpening zirconium abrasive grain
- High and regular cut rate at medium and low pressures

FERR. & NON FERR.

FIBRE GLASS BACKED	SIZE (mm)	GRIT	PK QTY	ART NO.
	115 x 22	40	10	63642502311
		60	10	63642502312
		80	10	63642502313
		120	10	63642502314
	125 x 22	40	10	63642502315
		60	10	63642502317
		80	10	63642502318
		120	10	63642502326
	150 x 22	40	10	63642502327
		60	10	63642502328
		80	10	63642502329
	180 x 22	40	10	63642502341
		60	10	63642502343
		80	10	63642502345
	115 x 22	40	10	63642502331
		60	10	63642502332
	125 x 22	40	10	63642502335
		60	10	63642502336

STARLINE +++

- Multipurpose flap discs for processing steel, metal alloys or soft materials like wood
- Good stock removal in rough grinding and deburring
- Hard and versatile Zirconia Alumina abrasive
- Wide selection of grit sizes and diameters
- Best price-performance ratio

CORDLESS COMPATIBLE · FERR. & NON FERR. · WOOD

FIBRE GLASS BACKED	SIZE (mm)	GRIT	PK QTY	ART NO.
	115x22	40	10	66254492267
		60	10	66254492268
		80	10	66254492270
		120	10	66254492269
	125x22	40	10	66254492271
		60	10	66254492272
		80	10	66254492273
		120	10	66254492274

SPEC CHECK For an equivalent finish, always use a flap disc one grit size coarser than with a fibre disc

4 STEP KIT FOR RIGHT ANGLE GRINDERS

FROM CUTTING-OFF TO WELD SEAM REMOVAL

An assortment of Norton abrasive discs for angle grinders, of the most popular grades for cutting-off, cleaning, bevelling and weld seam removal on carbon steel applications.

KIT CONTENTS	ITEM ART NO.	PK QTY	KIT ART NO.
Norton Quantum3 cut-off wheel NQ60ZZ-115x1.3x22.23-T41	66253371348	25	78072707703
Blaze Rapid Strip disc 115x22 R9101 AOXC	66623303783	10	
NorZon Fibre disc 115x22 P36	63642539615	25	
Vulcan Zirconia Flap discs 115x22 P60	63642502312	10	
Nylon fibreglass reinforced back-up pad for fibre discs 115 M14	66623376727	5	
Norton professional tool bag: Polybag 600D 38x23x28cm	00310518514	1	

WELD PREPARATION AND FINISHING **IN 4 STEPS (CARBON STEEL)**

SPEC CHECK

STEP 1
CUTTING-OFF

Norton Quantum3 cutting-off wheels are easy to use, easy to steer and deliver consistent results. Reduced dust and odours when cutting, makes the process more comfortable..

Norton Quantum3 is a very comfortable disc to use, offering an impressive lifespan.

STEP 2
CLEANING

Blaze Rapid Strip discs are best used at a 10-15° angle to quickly eliminate unwanted coatings and corrosion, with minimal stock removal. It's a truly versatile product, as you can achieve a more aggressive action as you increase the pressure. It's comfortable to use without damaging or gouging components.

STEP 3
BEVELLING

Norton Norzon F827 fibre discs in P36 combined with a hard serrated back-up pad is the best option. It'll remove material quickly, and the flat contact area makes it easy to control and help generate the required angle.

STEP 4
WELD SEAM REMOVAL

After welding, use a Norton Vulcan R842 in grit P60 to quickly remove the weld seam and generate a finish ready for paint or other surface coatings.

3 STEP KIT FOR RIGHT ANGLE GRINDERS

FROM WELD REMOVAL TO A BRIGHT FINISH

An assortment of Norton abrasive discs for angle grinders, of the most popular grades for stock removal, blending and refining and finishing on stainless steel applications.

KIT CONTENTS	ITEM ART NO.	PK QTY	KIT ART NO.
Quantum flap discs 125x22 P60	66254445879	10	
Rapid Prep discs 125x22 Coarse	66623378975	25	
Rapid Blend discs 125x12x22 Fine	66254496320	10	69957366033
Medium plain non-woven back-up pad 125 M14	69957382841	1	
Norton professional tool bag: Polybag 600D 38x23x28cm	78072710141	1	

WELD REMOVAL TO A COMMERCIAL FINISH **IN 3 STEPS (STAINLESS STEEL)**

SPEC CHECK

STEP 1
STOCK REMOVAL

Norton Quantum flap disc in grit P60 is ideal for weld and stock removal. Flap discs are particularly suited to this application as the constant erosion of the backing allows new, sharper grain to be exposed during use, offering longer product life. As the backing is softer than that of a fibre disc, the surface finish will be better, reducing the number of further steps.

STEP 2
BLENDING & REFINING

Vortex Rapid Prep (SCM) Discs are comfortable to use with finer finishing capabilities. Discs are best used at an angle of 10-15° preventing scratch patterns. A coarse grade disc is used to enable us to refine the finish from step 2.

STEP 3
FINISHING

Rapid Blend NEX-2SF has excellent final finishing capabilities and imparts an extremely fine, bright and shiny surface. It's best used at a 10-15° angle and needs to be moved slowly across the workpiece, using just the weight of the angle grinder for pressure. Also try NEX-3SF spec for more durability when flexibility and comfortability is less of a concern. For best results and to avoid burn use at 6000 to 7000 rpm.

SEMI-FLEXIBLE DISCS
FOR ANGLE GRINDERS

Semi-flexible discs are made by coating heavy duty fibre with multiple layers of a special resin bonded abrasive. They are commonly used to clean stone, the hulls of ships and boats, to remove rust from large surfaces and coatings and removing glue or mastic.

CP FLEX ++++

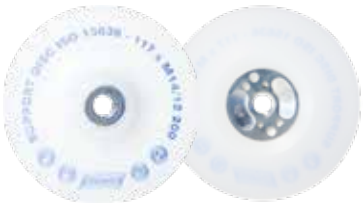
- Semi flexible black silicon carbide discs for use on marble, granite, concrete, fibreglass and cast iron
- Ideal for use in construction markets for aggressive grinding, levelling and cleaning of surface perfections

METAL STONE

SIZE (mm)	GRIT	PK QTY	ART NO.
125 x 22	16	25	66261083476
	24	25	7660719292
	36	25	7660719293
	60	25	7660719294
	80	25	7660719295
180 x 22	16	25	66261083479
	24	25	7660719296
	36	25	7660719297
	60	25	7660719298
	80	25	7660719299

NYLON BACK-UP PADS

- For universal use
- Conforms to ISO 15636



SIZE (mm)	THREAD	DENSITY	MAX. RPM	PK QTY	ART NO.
125	M14	Hard	12200	5	69957382829
180	M14	Hard	8500	5	69957382830

RAPID STRIP DEPRESSED CENTRE DISCS FOR ANGLE GRINDERS

Non-woven discs have three components: strong synthetic fibre mesh, quality abrasive, and a smear-resistant adhesive. Rapid Strip discs have an open web construction for aggressive cutting action while maintaining a cool, non-loading surface. The thick, strong synthetic fibres and extra coarse silicon carbide grain make light work of removing rust, weld spatter, scale and other surface contaminants. Use before and after welding for preparing and cleaning the surface.

BLAZE RAPID STRIP +++++

DPC TYPE 27 & TYPE 29 CONICAL

- Best choice for removal of surface rust and residue, corrosion, light weld spatter, dirt, mill scale and other similar surface contaminants
- Blaze lasts up to twice as long as other ceramic discs thanks to the Norton SG grain
- Leaves a thoroughly cleaned surface that ensures excellent adhesion for subsequent processes such as coating, painting and soldering
- Extremely versatile; stiff enough to withstand aggressive use, soft enough to prevent gouging and rework. Apply pressure to strip or remove coatings; use lighter pressure to finish like a surface finishing disc

SHAPE	DIAxH (mm)	CAP CODE	PK QTY	MAX RPM	ART NO.
	115x22	R9101	10	12000	66623303783
	125x22	R9101	10	11000	66623303916
	178x22	R9101	10	8000	66623303920
	125x22	R9101	10	12000	66261118630

RAPID STRIP +++

DPC TYPE 27

- A general purpose disc for removing coatings on a variety of materials
- Nylon fibres, flexible resin technology and extra coarse abrasive grain for aggressive cut and long life
- Effective cleaning, ensuring excellent adhesion in subsequent processes such as coating, painting and soldering
- Will not load on sticky coatings, adhesives, and soft metals, or snag and shed like a fibre disc

	DIAxH (mm)	CAP CODE	PK QTY	MAX RPM	ART NO.
STRIPPA R4104 S	115x22	R4104	5	11000	63642585732
	125x22	R4104	5	8500	63642585749
RAPID STRIP R4101 H	115x22	R4101	10	12000	66261009649
	125x22	R4101	10	12000	66261030655

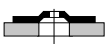
RAPID BLEND DEPRESSED CENTRE DISCS FOR ANGLE GRINDERS

Non-woven discs have three components: strong synthetic fibre mesh, quality abrasive and a smear-resistant adhesive. Rapid Blend discs have a unitised construction with varying weave, from open to tighter, for deburring to finishing applications. Can be used in sequence with fibre and flap discs to blend and impart a good finish in one or two operations.

BLAZE RAPID BLEND +++++

DPC TYPE 27 (OPEN)

- Blaze ceramic grain for Increased cutting power and life, with ability to remove process steps
- Versatile thin web product with aggressive cutting on small blending applications
- Cuts faster than standard Rapid Blend products, with minimal effect on finish

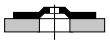
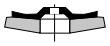
SHAPE	DIAxTxH (mm)	CAP CODE	GRADE	PK QTY	MAX RPM	ART NO.
	125x6x22	U9101	EXTRA COARSE	10	12000	77696067121

VORTEX RAPID BLEND ++++

DPC TYPE 27 & TYPE 29 CONICAL

- For light weld bead and weld spatter removal, heavy deburring and finishing applications
- 2-in-1 action: can cut like an 80 grit flap disc and finishes similar to a Rapid Blend (NEX 2SF) disc
- High-performance engineered grain provides aggressive, fast stock removal, reduced cycle times and increased part quality
- Twice the wheel life of conventional unified wheels, with minimal shedding
- Can be used in place of, or in sequence with, fibre and flap discs for improved part quality. Undersized backing plate gives longer usable diameter

YouTube
Norton Vortex Rapid Blend

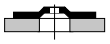
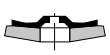
SHAPE	DIM DIAxTxH (mm)	CAP CODE	GRADE	PK QTY	MAX RPM	ART NO.
	115x12x22	U2305	VORTEX 5AM	10	12000	66254429268
	125x12x22	U2305	VORTEX 5AM	10	12000	66254496323
	115x12x22	U2305	VORTEX 3AM	10	7500	66623392701
	125x12x22	U2305	VORTEX 3AM	10	7500	66623392718
	125x6x22	U2305	VORTEX 5AM	10	12000	77696067103
	125x6x22	U2305	VORTEX 3AM	10	12000	77696067110
	125x12x22	U2305	VORTEX 5AM	10	12000	63642531710
		U2305	VORTEX 3AM	10	7500	63642531717

RAPID BLEND +++

NEX DPC TYPE 27 & TYPE 29 CONICAL

- A unitised construction with varying weave from open structure for deburring to tighter for finishing
- Fine silicon carbide and flexible density unitised construction for a smooth, controlled blending/finishing application
- Cuts more freely and with less heat than competitor products
- Fast finish achieved with a wide range of products to suit a variety of finish requirements
- Undersized backing plate gives longer usable diameter

YouTube
Norton Rapid Blend

SHAPE	DIAxTxB (mm)	CAP CODE	GRADE	PK QTY	MAX RPM	ART NO.
	115x12x22	U4401	NEX2SF	10	12000	66261020546
		U4401	NEX3SF	10	12000	66254461726
		U2401	NEX2AF	10	12000	66261020547
		U2301	NEX2AM	10	12000	66261020548
		F2303	HSMA	10	12000	66261020549
	125x12x22	U4401	NEX2SF	10	12000	66254496320
		U4401	NEX3SF	10	12000	77696067125
		F2303	HIGH STRENGTH HSMA	10	12000	78072702394
	125x6x22	U4401	NEX2SF	10	12000	77696067118
		U4401	NEX3SF	10	12000	77696067119
	125x12x22	U4401	NEX2SF	10	12000	63642531722
		U4401	NEX3SF	10	12000	63642531723

HMSA = High Strength Disc

RAPID PREP DISCS FOR ANGLE GRINDERS

Non-woven discs have three components: strong synthetic fibre mesh, quality abrasives, and a smear-resistant adhesive. Rapid Prep discs have an open weave that excels in surface preparation and cleaning applications, thanks to a coating system that reduces smearing and resists loading. Each disc combines the cutting speed of a coarse grit with the finish of a fine and so provides the lowest total cost of consumable tooling per workpiece. The thick layer of grain throughout the product extends the life of the disc.

VORTEX RAPID PREP ++++

SCM SELF-GRIP WITH REMOVABLE 22mm CENTRE HOLE

YouTube
Norton Vortex Rapid Prep

- Vortex grain technology combines the cutting speed of coarse grits with the finish of fine grits
- Durable product for blending, finishing, cleaning, and light deburring
- Most consistent cutting and finishing surface conditioning products on the market
- Clean Bond technology - smear-free, does not load on aluminium or soft metals
- Achieve a burr-free, paintable finish in fewer steps without damaging the base material

DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
115	S2103	Extra coarse	25	66623378971
	S2203	Coarse	25	66623378974
	S2303	Medium	25	66623378977
	S2403	Fine	25	66623333607
	S2503	Very fine	25	66623378980
125	S2103	Extra coarse	25	66623378972
	S2203	Coarse	25	66623378975
	S2303	Medium	25	66623378978
	S2403	Fine	25	66623333609*
	S2503	Very fine	25	66623378981
178	S2103	Extra coarse	25	66623378973
	S2203	Coarse	25	66623378976
	S2303	Medium	25	66623378979
	S2403	Fine	25	66623334955*
	S2503	Very fine	25	66623334969*

* Made-to-order

RAPID PREP SURFACE BLENDING DISCS FOR ANGLE GRINDER

VORTEX RAPID PREP ++++

SCM FLAP DISCS

- Layers of Surface Conditioning Material (SCM) in a variety of grades for quick blending and finishing
- Longer life and durability with smear free cut and finish with one disc
- Three dimensional non-woven abrasive fabric layers containing high performance Vortex grain with Clean Bond™ technology
- Ideal for cleaning, light deburring and processing TIG welded seams on stainless steel

YouTube
Norton Vortex Rapid Prep

BLENDING	DIM DIAxTxH (mm)	CAP CODE	GRADE	PK QTY	MAX RPM	ART NO.
	115x22	S2203	Coarse	10	12200	66261130726
		S2303	Medium	10	12200	66261130773
		S2403	Fine	10	12200	66261130776
		S2503	Very fine	10	12200	66261130777
	125x22	S2203	Coarse	10	12200	66261130779
		S2303	Medium	10	12200	66261130780
		S2403	Fine	10	12200	66261130781
		S2503	Very fine	10	12200	66261130782

RAPID PREP +++

SCM (A0) SELF-GRIP WITH REMOVABLE 22mm CENTRE HOLE

- Achieve a burr-free, ready to paint finish in fewer steps without damaging the base material
- General purpose product for blending, finishing, cleaning, and light deburring
- Use with self-grip back up pads with locating centre pin

	DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
	115	S2108	Extra coarse	25	66623378983
		S2208	Coarse	25	66623378984
		S2308	Medium	25	66623378987
		S2408	Fine	25	66623378990
		S2508	Very fine	25	66623379028
	125	S2108	Extra coarse	25	66623378982
		S2208	Coarse	25	66623378985
		S2308	Medium	25	66623378988
		S2408	Fine	25	66623378991
		S2508	Very fine	25	66623379029

SURFACE BLENDING DISCS +++

FIBRE BACKED

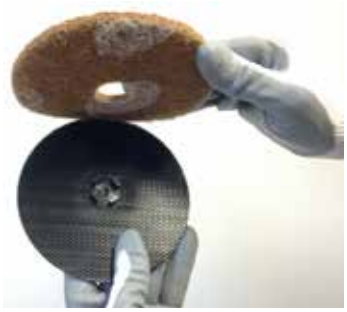
- Fibre backing provides greater durability and life on demanding applications including edge work

DIA (mm)	CAP CODE	GRADE	TYPE	PK QTY	ART NO.
115	S2211	Coarse FB*	DSB	20	63642557510
125	S2211	Coarse FB*	DSB	20	63642557721
150	S2211	Coarse FB*	DSB	10	63642557727

FB* = Fibre backed and with 22mm hole (for a stiffer, higher performing disc)

BACK-UP PADS (SELF-GRIP) WITH LOCATING CENTRE PIN

- Easy location of disc onto centre pin reduces vibration



DIA (mm)	DENSITY	ATTACHMENT	PK QTY	ART NO.
115	Medium	M14	1	77696076935
125	Medium	M14	1	77696076941
178	Medium	M14	1	63642575296

BACK-UP PADS (SELF-GRIP)

DIA (mm)	DENSITY	ATTACHMENT	PK QTY	ART NO.
115	Medium	M14	1	69957382846
	Medium	5/8	1	63642595937
125	Medium	M14	1	69957382841
	Medium	5/8	1	63642595938
150	Medium	M14	1	69957382843
	Medium	5/8	1	63642595939
178	Medium	M14	1	69957382844
	Medium	5/8	1	63642595940

POLISHING DISCS
FOR ANGLE GRINDERS

Final scratch removal and imparting a high quality shine are often the last stages in a fabrication process and polishing is easy with Norton BearTex and Rapid Polish discs. Whether you're working on aluminium or stainless steel, Norton has a solution for you.

BEARTEX FLAP DISC +++

- BearTex fleece discs with open mesh construction
- Two types available, plain and interleaved
- Conforms easily to surface contours and shapes
- For use on a number of metals

DIAxB (mm)	CAP CODE	GRADE	TYPE	PK QTY	MAX RPM	ART NO.
115x22	F2504	Very fine A	XFLD (Plain)	10	4900	66254481898
	F2504	Very fine A with P120	XIFD (Mixed)	10	4900	66623311000

Optimum performance when run at slower speeds on a variable speed power tool.

RAPID POLISH +++

- Type 29 felt wool polishing pad
- Use with or without polishing compound
- Smooth, scratch-free result
- For a professional, mirror shine

DIAxB (mm)	CAP CODE	GRADE	TYPE	PK QTY	MAX RPM	ART NO.
115x22	F0005	Felt	XFLD (Plain)	5	8500	66254481899
125x22	F0005	Felt	XFLD (Plain)	5	7700	63642573692

Optimum performance when run at slower speeds on a variable speed power tool.

INDUSTRIAL POLISHING COMPOUND BLOCKS

COLOUR	WxLxH (mm)	FINISH	GUIDE	PK QTY	ART NO.
Brown	55x160x38	Pre-polishing	Cleaning very dirty material (alu & non ferrous)	1	7660739107
Green	55x160x38	Gloss	Aluminium & stainless steel	1	7660739108
White	55x160x38	Super high gloss	Polishing stainless steel, alu & non-ferrous	1	7660739109
Blue	55x160x38	General high gloss	All metals & hard plastics	1	7660739112

NORTON®

SAINT-GOBAIN

COATED ABRASIVES

DISCS
FOR MINI ANGLE GRINDERS

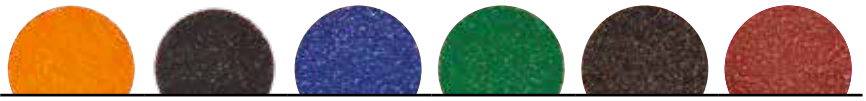
Speedlok discs	74	Rapid Blend Speedlok Discs	84
Mini Flap Discs	79	Rapid Prep Speedlok Discs	85
Non-Woven Speedlok Discs	82	Speedlok Buffing & Polishing Discs	88
Rapid Strip Speedlok Discs	83		

SPEEDLOK DISCS
FOR MINI ANGLE GRINDERS

The tool-free fastening system enables quick disc changes to maximise productivity and minimise downtime. Ideal for light to medium pressure grinding, blending and finishing on small or difficult to access areas including tool and mould construction, automotive, aeronautical and aerospace industry and equipment and pressure vessel construction. The SpeedLok fastener makes it quick and easy to change. Disc locks securely to back-up pad, no slipping or release caused by heat. The two button attachment systems (TR or TS) ensures the disc is properly centred and vibration free. These discs optimise stock removal, surface finish, thermal load of the workpiece and tool wear. SpeedLok discs achieve their best performance at a recommended speed of 15-35m/s.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓



MATERIALS	BLAZE R980P	RED HEAT R983	NORZON R884P	NORZON + R801	R422*	METAL ARY/ARX19
	+++++	+++++	++++	++++	++++	+++
Stainless steel, inox	✓✓	✓✓		✓		
Titanium, inconel and super alloys	✓✓	✓✓		✓		
Carbon, construction and mild steel	✓✓	✓✓	✓✓	✓✓		✓
Cast iron	✓	✓	✓✓	✓✓		✓
Non-ferrous metal (brass/aluminium)			✓			✓
Hard wood			✓✓	✓✓	✓✓	✓
Soft wood					✓	✓
Composite materials					✓✓	✓
Stone, concrete					✓✓	✓
Glass, plastic					✓✓	✓

*Available on request

QUICK CHANGE DISC ATTACHMENTS & TIPS

SPEC CHECK

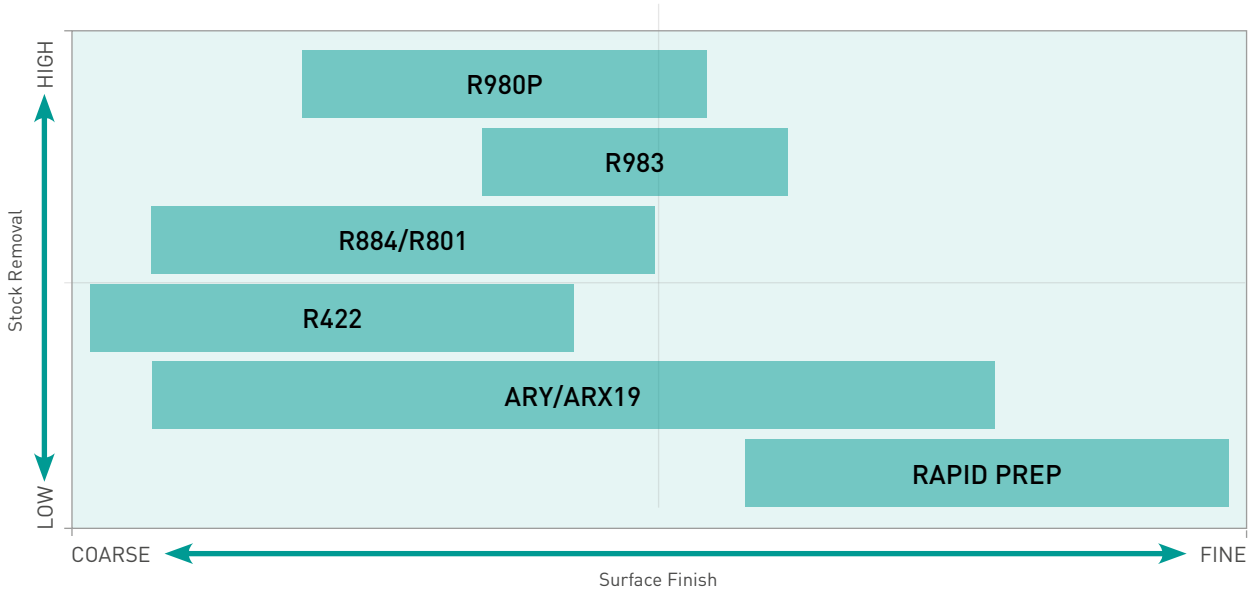
TS ATTACHMENT
(Type 2 – SL2)
A turn-on/turn-off style fastener.

TR ATTACHMENT
(Type 3 – SL3)
Twist on and twist off in 2½ turns.

TIP Avoid gouging on contours by using a smaller size holder than the diameter of the discs, such as 38mm holder for 50mm.

TIP Select a hard back-up pad for more aggressive applications.

PRODUCT COMPARISON CHART



BLAZE R980P

- The best choice for part cut and finish on stainless steel, inconels, chromium cobalt, titanium and extremely hard materials
- Aggressive disc removes all defects quickly
- Provides the coolest cut and significantly faster cut rates
- For the greatest durability, longest life, and edge-fray resistance on tough applications and stainless steel

SPEC CHECK

Grinding on stainless generates a considerable amount of heat; always use a Norton Blaze disc with a supersize layer to reduce heat build-up and improve cut quality. Typically, a coarse grit disc is used when grinding MIG welds and a finer grit disc is used when grinding TIG welds.

		RECOMMENDED		METAL INOX	
SIZE (mm)	GRIT	RPM	PK QTY	TR ATTACHMENT PRICE £ PER 100	TS ATTACHMENT PRICE £ PER 100
25	36	11500 - 26800	100	66261094895	-
	50	11500 - 26800	100	66254402096	-
	60	11500 - 26800	100	66261038811	-
38	36	7600 - 17600	50	63642597033	69957390693
	50	7600 - 17600	50	63642597034	69957390694
	60	7600 - 17600	50	63642597037	69957390695
	80	7600 - 17600	50	63642597038	69957390696
50	36	5700 - 13400	50	63642597039	69957390698
	50	5700 - 13400	50	63642597045	69957390699
	60	5700 - 13400	50	63642597050	69957390700
	80	5700 - 13400	50	63642597052	69957390701
	120	5700 - 13400	50	66261136868	66261136986
75	36	3800 - 8900	50	63642597053	69957390702
	50	3800 - 8900	50	63642597057	69957390703
	60	3800 - 8900	50	63642597060	69957390704
	80	3800 - 8900	50	63642597062	69957390705
	120	3800 - 8900	50	66261136980	-

SPEEDLOK DISCS FOR MINI ANGLE GRINDERS

BLAZE F980 FIBRE +++++

- The best choice for very tough applications
- Heaviest fibre backing for greater stock removal, longer life and edge-fray resistance

SIZE (mm)	GRIT	RECOMMENDED RPM	PK QTY	TR ATTACHMENT PRICE £ PER 100
50	36	5700 - 13400	25	66261058704
	50	5700 - 13400	25	66261058705
	60	5700 - 13400	25	66261058706
75	36	3800 - 8900	25	66261058708
	50	3800 - 8900	25	66261058709
	60	3800 - 8900	25	66261058711

RED HEAT R983 +++++

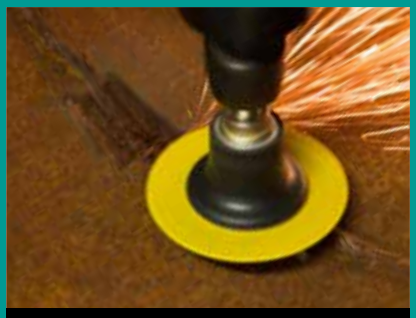
- High performance ceramic discs, laminate free for extra flexibility when working on curves and contours
- For use in medium pressure applications
- New advanced grain formulation and improved backing for excellent cut rate and longer life

SIZE (mm)	GRIT	RECOMMENDED RPM	PK QTY	TR ATTACHMENT PRICE £ PER 100	TS ATTACHMENT PRICE £ PER 100
50	36	5700 - 13400	50	66261151081	66261151028
	50	5700 - 13400	50	66261151082	66261151036
	60	5700 - 13400	50	66261151083	66261151038
	80	5700 - 13400	50	66261148410	66261151044
	120	5700 - 13400	50	66261151084	66261151046
75	36	3800 - 8900	50	66261151085	-
	50	3800 - 8900	50	66261151086	-
	60	3800 - 8900	50	66261151087	-
	80	3800 - 8900	50	66261151088	-
	120	3800 - 8900	50	66261151089	-

BENEFITS OF USING A QUICK CHANGE DISC

For hard-to-reach areas

For curves and corners



For small surface areas

NORZON R884P ++++

- The better choice for use on hard steels, carbon steel, welds and wood
- Versatile, self-sharpening zirconia alumina plus grain for high stock removal rate on rough grinding and deburring of steel and stainless steel
- Provides aggressive cut and longer life than competitor zirconia alumina discs
- Advanced grain coating results in longer life and faster cut rate

SIZE (mm)	GRIT	RECOMMENDED RPM	PK QTY	CORDLESS COMPATIBLE — TR ATTACHMENT PRICE £ PER 100	FERR. NON FERROUS, INOX — TS ATTACHMENT PRICE £ PER 100
38	36	7600 - 17600	50	-	63642549604
	50	7600 - 17600	50	-	66261138622
	60	7600 - 17600	50	-	63642549607
	80	7600 - 17600	50	-	63642549606
50	36	5700 - 13400	50	63642560882	63642549747
	50	5700 - 13400	50	69957389455	69957360306
	60	5700 - 13400	50	63642556396	63642549748
	80	5700 - 13400	50	63642560884	63642549749
	120	5700 - 13400	50	63642560885	66261115917
75	36	3800 - 8900	50	63642560886	63642549605
	50	3800 - 8900	50	69957389465	69957360307
	60	3800 - 8900	50	63642560887	63642539858
	80	3800 - 8900	50	63642560888	69957360313
	120	3800 - 8900	50	66261137003	66261137005

Formerly X-Treme R884P

NORZON+ R801 ++++

- For demanding grinding applications, the supersize grinding aid facilitates a cooler cut on stainless steel, titanium and other exotic alloys, improving part quality and finish
- Heavy Y-weight polyester backing provides excellent durability and grain adhesion
- Premium, self-sharpening zirconia alumina plus grain ensures the disc remains sharper for longer, increasing usage time and driving down overall process cost
- High removal rate when used on stainless steel

SIZE (mm)	GRIT	RECOMMENDED RPM	PK QTY	METAL INOX — TR ATTACHMENT PRICE £ PER 100
50	36	5700 - 13400	50	63642556405
	50	5700 - 13400	50	63642587202
	60	5700 - 13400	50	63642556407
	80	5700 - 13400	50	63642587207
	120	5700 - 13400	50	63642587208
75	36	3800 - 8900	50	63642587245
	50	3800 - 8900	50	63642587246
	60	3800 - 8900	50	63642556411
	80	3800 - 8900	50	63642587247
	120	3800 - 8900	50	63642587248

SPEEDLOK DISCS FOR MINI ANGLE GRINDERS

METAL ARY19 +++

- For hard to grind materials that require an economical option
- Aggressive cut and longer life than other aluminium oxide discs
- Good cut rate and improved life on moderately-demanding applications
- Resistant to edge wear and fraying

SPEC CHECK

Our most versatile SpeedLok disc. Traditional aluminium oxide discs are a good starting specification for general purpose grinding.

SIZE (mm)	GRIT	RECOMMENDED RPM	PK QTY	TR ATTACHMENT PRICE £ PER 100		TS ATTACHMENT PRICE £ PER 100
38	60	7600 - 17600	50	63642586628	58.07	63642586596
	80	7600 - 17600	50	63642586629	58.07	63642586607
	120	7600 - 17600	50	63642586631	58.07	63642586608
	180	7600 - 17600	50	63642586633	58.07	63642586609
	320	7600 - 17600	50	66261137058	58.07	63642586617
50	36	5700 - 13400	50	63642586683	76.89	63642586651
	60	5700 - 13400	50	69957389332	76.89	63642586656
	80	5700 - 13400	50	63642586687	76.89	63642586660
	120	5700 - 13400	50	63642586689	76.89	63642586671
	180	5700 - 13400	50	63642586691	76.89	63642586675
	320	5700 - 13400	50	63642586695	76.89	63642586681
75	60	3800 - 8900	50	63642586731	99.09	63642586699
	80	3800 - 8900	50	63642586733	99.09	63642586705
	120	3800 - 8900	50	63642586735	99.09	63642586708
	180	3800 - 8900	50	63642586738	99.09	63642586712
	320	3800 - 8900	50	66261137060	99.09	63642586718

Price per 100

Formerly BDX ARY19

MADE-TO-ORDER PRODUCT AVAILABILITY

CAP CODE	GRAIN / GRIT	24	36	40	50	60	80	100	120	150	180	240	320
Blaze R980P	Ceramic with supersize	•	•	•	•	•	•	•	•				
Red Heat R983	Ceramic		•		•	•	•		•				
Norzon R884P	Zirconia	•	•		•	•	•		•				
Norzon+ R801	Zirconia with supersize		•	•	•	•	•	•	•				
R422*	Silicon carbide		•	•	•	•	•	•	•	•			
Metal ARY19	Aluminium oxide	•	•	•	•	•	•	•	•	•	•	•	•

* Available on request

MINIMUM ORDER QUANTITY

SIZE (mm)	MINIMUM ORDER QUANTITY
25	500 pieces
38	500 pieces

SIZE (mm)	MINIMUM ORDER QUANTITY
50	250 pieces
75	250 pieces

MINI FLAP DISCS
FOR MINI ANGLE GRINDERS

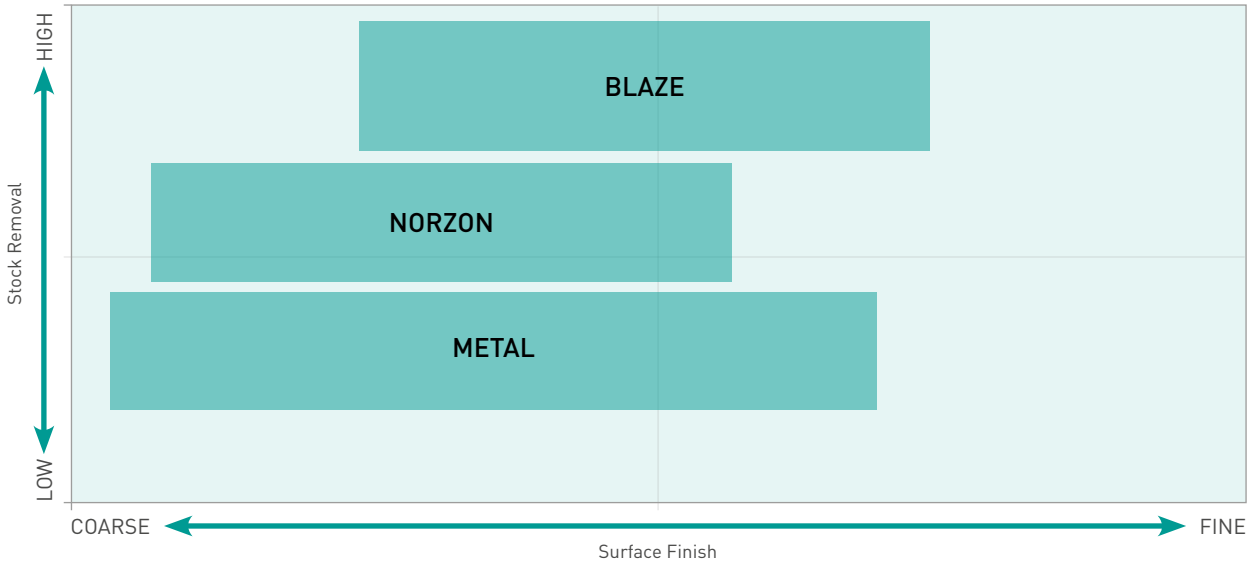
Ideal for weld dressing on small and difficult to access areas as well as general stock removal, deburring, flashing, blending and finishing. Mini flap discs have long life and minimise downtime by increasing productivity.
The SpeedLok fastener makes it quick and easy to change discs by locking securely to the back-up pad, so no slipping or release is caused by heat build-up. The TR button attachment systems ensure the disc is properly centred and vibration free.
Best performance is achieved at a recommended speed of 30-40m/s. This optimises stock removal, surface finish, thermal load of the workpiece and tool wear.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

	BLAZE	NORZON	METAL
	+++++	++++	+++
Stainless steel, inox and duplex	✓✓	✓	
Inconel, titanium and super alloys	✓✓	✓	
Carbon steel, construction steel and mild steel	✓✓	✓✓	✓
Cast iron	✓	✓✓	✓
Non-ferrous metal (brass/aluminium)		✓✓	✓
Hard and soft wood		✓✓	✓

PRODUCT COMPARISON CHART



MINI FLAP DISCS FOR MINI ANGLE GRINDERS

BLAZE R980P +++++

- For stainless steel and super alloys
- Provides longer life compared to any mini flap disc when used on stainless, titanium and super alloys
- Extremely aggressive ceramic grain for noticeably faster cut rate
- Supersize layer for a cooler cut and reduced heat generation during use, providing better part quality and no burn marks

CORDLESS COMPATIBLE | METAL INOX

SIZE (mm)	GRIT	RECOMMENDED RPM	PK QTY	TR ATTACHMENT PRICE £ EACH	BACK-UP PAD
50	40	11500 - 15000	10	66261120104	
	60	11500 - 15000	10	66261120109	63642556629
	80	11500 - 15000	10	66261120110	
75	40	7500 - 10000	10	66261120112	
	60	7500 - 10000	10	66261120116	63642556629
	80	7500 - 10000	10	66261120117	

SPEC CHECK

Grinding on stainless steel generates a considerable amount of heat; always use a Norton Blaze mini-flap disc with supersize layer (cooling aid) to reduce heat generation and improve cut and finish.

NORZON R828 ++++

- Ideal for carbon steel and welds
- Strong zirconia alumina plus for high stock removal rate on rough grinding and deburring of steel and stainless steel
- Delivers aggressive cut rate and longer life on carbon steel and welds
- Prevents loading on aluminium and other soft materials

FERR. NON FERROUS, INOX

SIZE (mm)	GRIT	RECOMMENDED RPM	PK QTY	TR ATTACHMENT PRICE £ EACH	BACK-UP PAD
50	40	11500 - 15000	10	66261180892	
	60	11500 - 15000	10	66261180893	63642556629
	80	11500 - 15000	10	66261180894	
75	40	7500 - 10000	10	63642527476	
	60	7502 - 10000	10	66261180904	63642556629
	80	7503 - 10000	10	63642527482	

Formerly XTreme R828

FLEXI FLAP

Also available in mini flexi-flap disc, which adapts to contours and corners. The flexible cloth and disc construction is ideal for an improved finish and operator comfort during use.

50	40	11500 - 15000	10	66261180889	
	60	11500 - 15000	10	66261180890	63642556629
	80	11500 - 15000	10	66261180891	

METAL R766 +++

- A good choice for aluminium, carbon steel and difficult-to-grind materials that require an economical option
- For aggressive cut and longer life than competitor aluminium oxide discs
- For longer life and faster cut rate on moderately demanding applications

FERR. NON FERROUS

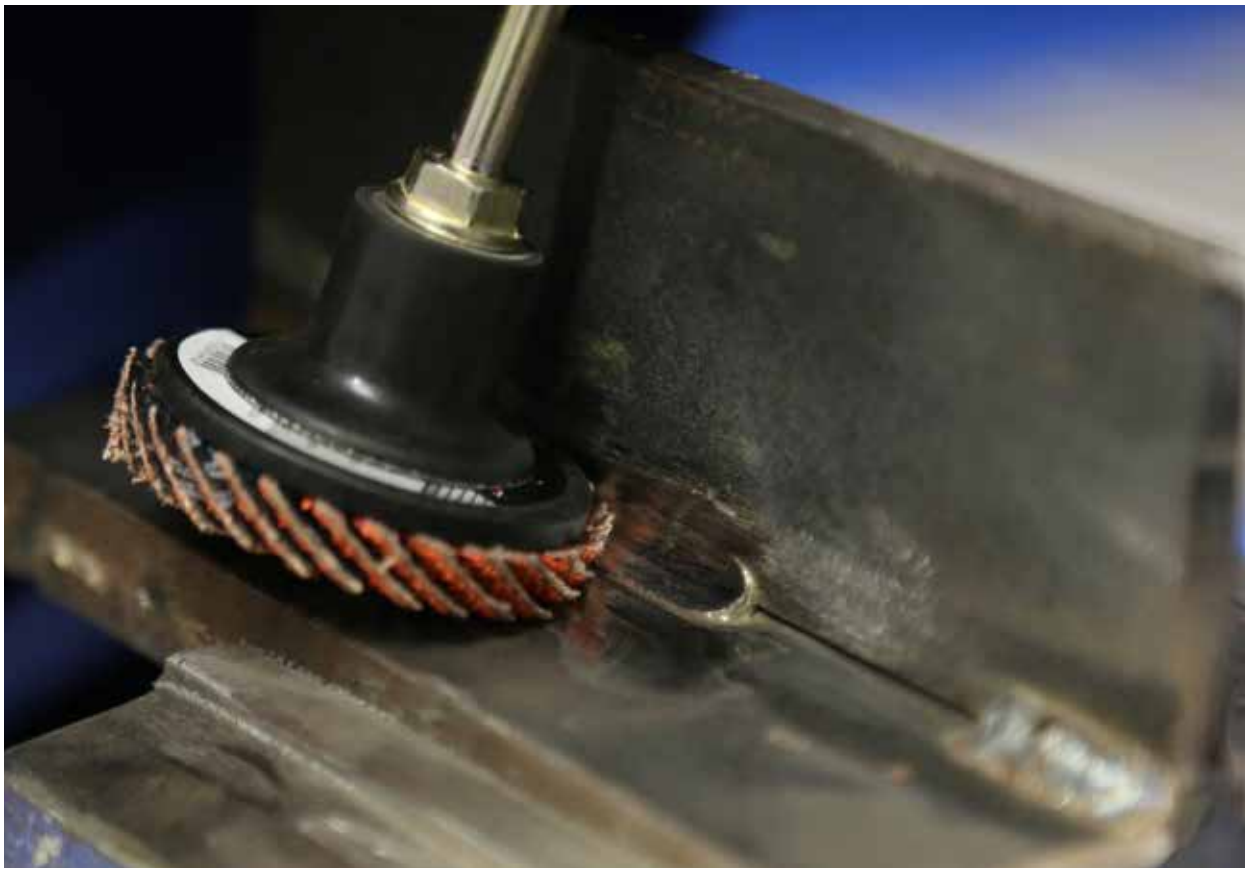
	SIZE (mm)	GRIT	RECOMMENDED RPM	PK QTY	TR ATTACHMENT PRICE £ EACH	BACK-UP PAD
	50	40	11500 - 15000	10	66261119970	
		60	11500 - 15000	10	66261119973	63642556629
		80	11500 - 15000	10	66261119975	
	75	40	7500 - 10000	10	66261119979	
		60	7500 - 10000	10	66261119980	63642556629
		80	7500 - 10000	10	66261119981	

Formerly BDX R766

MADE-TO-ORDER PRODUCT AVAILABILITY

CAP CODE	GRAIN / GRIT	36	40	50	60	80	120
Blaze R980P	Ceramic with supersize	•	•	•	•	•	
Norzon R828	Zirconia	•	•		•	•	
Metal R766	Aluminium oxide	•	•		•	•	•

• Available



NON-WOVEN SPEEDLOK DISCS
FOR MINI ANGLE GRINDERS

Norton non-woven SpeedLok quick-change discs are a combination of strong synthetic mesh and quality abrasives, bonded together by a smear-resistant adhesive. The open construction of the non-woven material enables aggressive cutting action and improved surface finish while maintaining its non-loading properties.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

	RAPID STRIP	VORTEX RAPID BLEND	VORTEX RAPID PREP	RAPID PREP	RAPID BLEND NEX
	+++++	++++	++++	+++	+++
Scale	✓✓				
Stock removal	✓✓	✓			
Heavy deburring	✓	✓✓			
Light deburring		✓✓	✓		
Light finishing			✓✓	✓	✓✓
Blending			✓✓	✓	✓
Finishing			✓	✓✓	✓✓

MOST AGGRESSIVE
LEAST CONFORMABLE

LEAST AGGRESSIVE
MOST CONFORMABLE

RAPID STRIP SPEEDLOK DISCS FOR MINI ANGLE GRINDERS

An open web construction for an aggressive cut without loading. The thick, strong synthetic fibres and extra coarse silicon carbide grain make light work of removing rust, weld spatter and scale. Use before and after welding for preparing and cleaning the surface.

BLAZE RAPID STRIP +++++

- Ideal for removing coatings on a variety of surfaces
- With ceramic alumina grain, disc lasts 2x longer than competitor
- Cleans surface thoroughly for excellent adhesion of coatings, painting and soldering
- Withstands aggressive use whilst preventing gouging

DIA (mm)	CAP CODE	GRADE	MAX. RPM	PK QTY	**TR ATTACHMENT** PRICE £ EACH	**TR+ ATTACHMENT** PRICE £ EACH
50	R9101	X Coarse SG	20000	25	66623303912	-
75	R9101	X Coarse SG	15000	25	66261096557	-
100	R9101	X Coarse SG	8000	5	-	66623303921

Use with TR+ Holder

RAPID STRIP +++

- General purpose, for removing coatings
- Cleans surface thoroughly for excellent adhesion of coatings, painting and soldering
- Extra-coarse abrasive grain for aggressive performance
- Anti-loading even on sticky coatings, adhesives, and soft metals

DIA (mm)	CAP CODE	GRADE	MAX. RPM	PK QTY	**TR RAPID STRIP** PRICE £ EACH	**TR STRIPPA** PRICE £ EACH
50	R4101	X Coarse S	20000	10	63642588173	-
	R4104	X Coarse S	20000	10	-	63642556605
75	R4101	X Coarse S	15000	10	63642588175	-
	R4104	X Coarse S	15000	10	-	63642556624

Use with TR+ Holder					**TR+ RAPID STRIP** PRICE £ EACH
100	R4101	X Coarse SG	8000	5	63642585751

RAPID BLEND SPEEDLOK DISCS
FOR MINI ANGLE GRINDERS

From material removal to final smear-free finish with just one disc! With their uniquely compact design, Rapid Blend discs are ideal for quick deburring, edge breaking, blending, cleaning and polishing. Can be used in sequence with fibre discs and flap discs when removing surface defects, conditioning grinding marks and general light stock removal.

VORTEX RAPID BLEND OPEN STRUCTURE ++++

- Soft and open density of nylon fibre, impregnated with patented grain technology and advanced resin system prevents loading, even on aluminium
- Special resin chemistry resists shedding when used on sharp edges, making it ideal for deburring, plus it prevents smearing
- Longer life than other surface blending discs (up to 8x) means fewer disc changes for less downtime and increased productivity

DIAxT (mm)	CAP CODE	GRADE	MAX. RPM	PK QTY	TR ATTACHMENT
25x6	U2311	Medium	35100	100	66254497806
38x6	U2311	Medium	30100	80	66254497807
50x6	U2311	Medium	22000	25	66254497067
75x6	U2311	Medium	18000	25	66254497068

VORTEX RAPID BLEND CLOSED STRUCTURE ++++

- Closely closed structure of grain and bond provides fast stock removal, reduced cycle time and excellent part quality
- Thick nylon web holds the grain in place to provide the most consistent performance for the whole life of the disc
- Special curing process ensures the disc will not break down in heavy deburring applications
- Discs maintain form holding for use on all surfaces, shapes and contours

DIAxT (mm)	CAP CODE	GRADE	MAX. RPM	PK QTY	TR ATTACHMENT
50x6	U2305	3AM	22000	60	66254428237
	U2305	5AM	22000	60	66254413660
	U2305	7AM	22000	60	66254433510
75x3	U2305	5AM	18000	40	66261093556
	U2305	7AM	18000	40	66261090909
75x6	U2305	3AM	18000	40	66254428238
	U2305	5AM	18000	40	66254413661
	U2305	7AM	18000	40	66254406395

RAPID BLEND NEX +++

- Strong mesh, abrasive and smear resistant adhesive provides aggressive cut and good surface finish without loading
- Abrasive is distributed through the entire disc (top, bottom and sides) so all three faces can be used
- Versatile, comfortable and easy to use without risk of change to workpiece geometry
- Excellent for light deburring of flashing and threads, blending alloys, polishing and finishing. Can be preformed. Holds shape
- Bright finish on stainless steel with improved 2SF and 3SF specification

DIA (mm)	CAP CODE	GRADE	MAX. RPM	PK QTY	TR ATTACHMENT
50	U2301	2 A Medium	22000	10	63642585684
	U2301	6 A Medium	22000	10	63642585725
	U4401	2 S Fine	22000	10	63642585677
	U4401	3 S Fine	22000	10	66254473613
	U2401	4 A Fine	22000	10	63642585679
75	U2301	2 A Medium	18000	10	63642585697
	U2301	6 A Medium	18000	10	63642585726
	U4401	2 S Fine	15000	10	63642585691
	U4401	3 S Fine	15000	10	66254473614
	U2401	4 A Fine	15000	10	63642585695

RAPID PREP SPEEDLOK DISCS FOR MINI ANGLE GRINDERS

Non-woven discs have three components: strong synthetic fibre mesh, quality abrasives, and a smear-resistant adhesive. Rapid Prep discs have an open weave that excels in surface preparation and cleaning applications, thanks to a coating system that reduces smearing and resists loading. Each disc combines the cutting speed of a coarse grit with the finish of a fine and so provides the lowest total cost of consumable tooling per workpiece. The thick layer of grain throughout the product extends the life of the disc.

VORTEX RAPID PREP SCM ++++

- For cleaning and conditioning, gain higher material removal, longer life and consistent, smear-free finishes, even on high nickel content alloys
- Proprietary engineered Vortex aluminium oxide abrasive grain and coating method combine maximum cutting speed with the consistent finish of finer grades to reduce process times by 50%+ by combining multiple grit sequences into one step
- Up to 4x longer life than competitor products, material removal level is maintained throughout disc life, reducing the need for rework and reducing total consumable cost
- The Clean Bond™ resin system ensures surfaces stay smear-free, even on alloys with high nickel content, aluminium and soft metals, loading is prevented

DIA (mm)	CAP CODE	GRADE	PK QTY	TR ATTACHMENT
50	S2103	Extra coarse	50	66623378336
	S2203	Coarse	50	66623378340
	S2303	Medium	50	66623378342
	S2403	Fine	50	66623378345
	S2503	Very fine	50	66623378347
75	S2103	Extra coarse	25	66623378337
	S2203	Coarse	25	66623378341
	S2303	Medium	25	66623378343
	S2403	Fine	25	66623378346
	S2503	Very fine	25	66623378348

Other smaller sizes e.g. 19, 25 and 38mm available on a fast MTO basis

RAPID PREP A/O SCM +++

- For general purpose cleaning and conditioning, gain high material removal, long life and consistent, smear-free finishes, even on high nickel content alloys
- The layer of grain throughout the product extends life as the grain does not sit on top of fibres
- Flexible backing enables the disc to conform to contours
- The Clean Bond™ resin system ensures surfaces stay smear-free, even on alloys with high nickel content, aluminium and soft metals, loading is prevented

DIA (mm)	CAP CODE	GRADE	PK QTY	TR ATTACHMENT
50	S2108	Extra coarse	50	66623378355
	S2208	Coarse	50	66623378359
	S2308	Medium	50	66623378363
	S2408	Fine	50	66623378366
	S2508	Very fine	50	66623378372
75	S2108	Extra coarse	25	66623378356
	S2208	Coarse	25	66623378360
	S2308	Medium	25	66623378364
	S2408	Fine	25	66623378382
	S2508	Very fine	25	66623378373

Other smaller sizes e.g. 19, 25 and 38mm available on a fast MTO basis

SPEEDLOK BUFFING & POLISHING DISCS FOR MINI ANGLE GRINDERS

Final scratch removal and imparting a high quality shine are often the last stages in a fabrication process and polishing is easy with Norton BearTex buffing discs and Rapid Polish discs. Whether you're working on aluminium or stainless steel, in intricate or hard to reach areas Norton has a solution for you.

HIGH STRENGTH BUFFING DISC +++

- Tough, yet conformable, resists tearing on burrs and sharp edges
- Follows contours and awkward profiles easily
- Premium aluminium oxide grain for aggressive blending and cleaning without smearing
- Ideal for rust/oxide or coating removal, pipe ID and OD polishing, casting cleaning, highlighting (antiquing), contaminant removal, removal of handling marks, gasket removal, cleaning and blending of surface imperfections, prepping prior to soldering, removal of filling materials, cleaning angles and odd shapes
- Will not stretch or shed

DIA (mm)	CAP CODE	GRADE	PK QTY	TR ATTACHMENT
50	F2303	Medium A	50	63642585924
	F2506	Very Fine A	50	08834163987
75	F2303	Medium A	50	08834164065
	F2506	Very Fine A	50	63642585932

RAPID POLISH +++

- Polishing is the final stage in the process, to achieve a glossy, high shine finish
- Use on all metals including stainless steel and aluminium
- Removes fine scratches
- Impart a high quality mirror shine

DIA (mm)	GRADE	PK QTY	TR ATTACHMENT
50	Medium A	50	63642587165
75	Medium A	50	63642587167

TR ATTACHMENT

TS ATTACHMENT

TR+ ATTACHMENT

RUBBER BACK-UP PADS FOR MINI ANGLE GRINDER

6mm SPINDLE

SIZE (mm)	DENSITY	MAX. RPM	PK QTY	TR ATTACHMENT	TS ATTACHMENT
25	Medium	38100	1	63642556628	7660718963
38	Medium	25100	1	63642556629	7660707032
50	Medium	19000	1	7660717817	63642501157
	Hard	19000	1	63642586931	63642586926
75	Medium	12800	1	63642556631	7660707384
	Hard	12800	1	66254401460	63642586932

PLASTIC BACK-UP PADS FOR MINI ANGLE GRINDER

TR+ ATTACHMENT (TR+ - SL4)

- Plastic back-up pad with 6mm spindle for 100mm Speedlok TR+ discs

SIZE (mm)	DENSITY	MAX. RPM	PK QTY	TR+ ATTACHMENT
100	Hard	15000	1	63642586196

SPEC CHECK

Medium density suitable for medium/fine applications such as edge rounding or surface grinding.
Hard density suitable for coarse applications and higher stock removal such us chamfering, welded seam or deburring work.

SPEEDLOK BUFFING & POLISHING DISCS FOR MINI ANGLE GRINDERS

BACK-UP PADS FOR ANGLE GRINDERS TR ATTACHMENT (TYPE 3-SL3)

- Back-up pad with M14 thread

CORDLESS COMPATIBLE

SIZE (mm)	DENSITY	MAX. RPM	PK QTY	TR ATTACHMENT
75	Medium	11200	1	63642587305
	Hard	11200	1	63642557133

ANGLE GRINDER ADAPTOR

- Adapts the standard quick change back-up pad for use on an angle grinder
- Suitable for use with rubber back-up pads
- Female M14, male thread 1/4 - 20 UNC

CORDLESS COMPATIBLE

TYPE	DENSITY	MAX. RPM	PK QTY	ART NO.
M14 Adaptor	Metal	12000	1	63642587997

To use a standard rubber back-up pad on an angle grinder, unscrew the 6mm shaft and insert the adaptor M14 - 1/4"

HOW TO USE A MINI DISC ADAPTOR ON AN ANGLE GRINDER

SPEC CHECK

A single backing pad can be fitted to an angle grinder. We supply an adaptor with a backing pad that can fit either on an angle grinder or die grinder.

Adapt your 3/8"- 24 or 5/8"-11 right angle grinder to a Type II or Type III back-up pad.

MINI RIGHT ANGLE GRINDER
GRINDING TOOLS AND KITS

Norton offers mini tools for grinding and sanding to make life easier in detailed, hard to reach applications. Use with Norton SpeedLok discs for surface preparation and defect removal on curves, contours and tight areas.

YouTube
Norton Pneumatic Die Grinder

MINI RIGHT ANGLE GRINDER +++

50mm (2") MAX RPM 22.000 (0,45 HP)

- Designed for use with the quick-change back-up pad and SpeedLok and mini flap discs
- Use with 38mm and 50mm quick change sanding discs and spindle mounted sanding specialties only. The accessories must have a rated speed greater than the speed marked on the tool

EXHAUST DIRECTION	THROTTLE TYPE	HORSEPOWER	AIR CONSUMPTION (L/MIN)	COLLET CHUNK	TOOL WEIGHT	ART NO.
Rear	Level	0,45	85	6mm	0,74 kg	66261177765

SPEC CHECK

Air tools require regular lubrication throughout the life of the tool. The air motor and bearing use compressed air to power the tool. Because moisture in compressed air will rust the air motor, it must be lubricated daily.
An inline oiling device is recommended.
Before using the machine add 1-2 drops of oil in the machine air inlet.

This in an UNGUARDED tool and should NEVER be used with cut-off discs or other bonded abrasive grinding wheels. Never use any product that has a MAX RPM rating less that the RPM marked on the tool.

NORTON MINI RIGHT ANGLE GRINDER **STARTER KIT**

COMPATIBLE WITH 50mm (2") DISCS
MAX RPM 22.000 (0,45 HP)

- An assortment of 45 abrasive SpeedLok discs, of the most popular grades for stripping, deburring and surface blending, and the new Norton mini right angle die grinder

KIT CONTENTS	ITEM ART NO.	PK QTY	KIT ART NO.
50mm (2") NORTON MINI RIGHT ANGLE DIE GRINDER: MAX RPM 22.000 (0,45 HP)	66261177765	1	69957300298
NORTON TOOL BAG SIZE: 56x31x45cm	-	1	
Blaze Rapid Strip SpeedLok disc 50mm R9101 AOXC SL3	66623303912	10	
Blaze Fibre SpeedLok disc 50mm C36 SL3	66261058704	25	
Rapid Prep SpeedLok disc 50mm Medium SL3	66623378342	10	
Rubber back-up pad 50x6 SL3	63642586931	1	

NORTON MINI RIGHT ANGLE GRINDER & SPEEDLOK DISCS **PROFESSIONAL KIT**

COMPATIBLE WITH 50mm (2") DISCS
MAX RPM 22.000 (0,45 HP)

- A complete assortment of our product SpeedLok disc range complete with mini angle grinder
- Includes samples of the most popular abrasive SpeedLok discs for all application stages from cleaning, deburring, blending up to surface preparation

KIT CONTENTS	ITEM ART NO.	PK QTY	KIT ART NO.
50mm (2") NORTON MINI RIGHT ANGLE DIE GRINDER: MAX RPM 22.000 (0,45 HP)	66261177765	1	69957300300
NORTON TOOL BAG SIZE: 56x31x45cm	-	1	
Blaze Rapid Strip SpeedLok disc 50mm R9101 AOXC SL3	66623303912	5	
Blaze Fibre SpeedLok disc 50mm C36 SL3	66261058704	5	
Blaze SpeedLok disc 50mm C50 SL3	63642597045	5	
Blaze SpeedLok disc 50mm C80 SL3	63642597052	5	
Blaze SpeedLok mini flap disc 50mm C40 SL3	66261120104	5	
Rapid Prep SpeedLok disc 50mm Medium SL3	66623378342	5	
Rapid Prep SpeedLok disc 50mm VFine SL3	66623378347	5	
Rapid Blend SpeedLok disc 50 Fine SL3	63642585677	5	
Rubber back-up pad 38x6 SL3	63642556629	1	
Rubber back-up pad 50x6 SL3	63642586931	1	

NORTON®

SAINT-GOBAIN

COATED ABRASIVES

DISCS
FOR ORBITAL MACHINE

Norton MeshPower Discs	94	Screenback Discs	104
Self-Grip & Beartex Discs	96	Plain Discs	105
		Beartex Floor Pads	106

NORTON MESHPOWER DISCS

An alternative to traditional perforated paper discs, Norton MeshPower is a multifunctional abrasive, designed with thousands of holes, created by the unique mesh matrix structure.
The mesh hole structure allows dust extraction in any application.

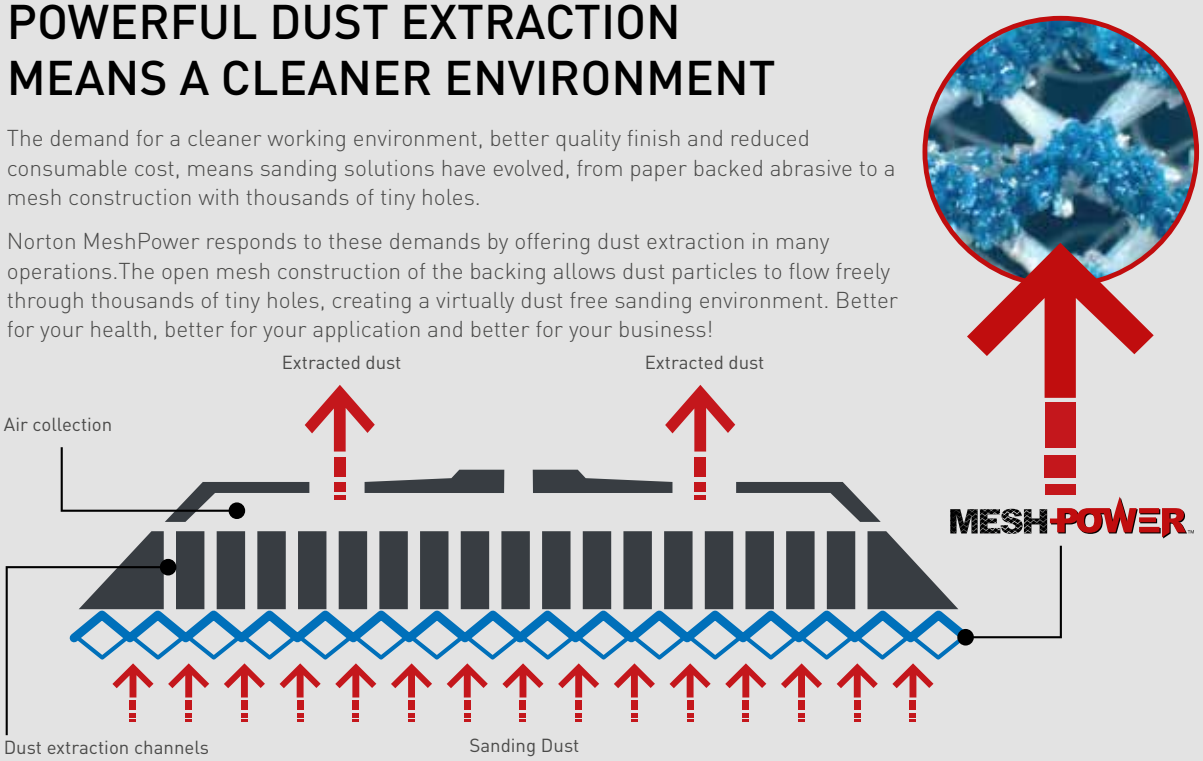
- Mesh backing enables excellent dust extraction, for a cleaner working environment and less clean-up time
- No-fil® technology prevents clogging for longer product life
- Can be used wet or dry
- Self-grip backing for a quick and easy disc change
- Can be used on many materials, flat and contoured surfaces, by hand or machine
- No defined hole pattern for fast, easy alignment with the back-up pad
- Easy to identify product type by grain colour

YouTube
Norton MeshPower

POWERFUL DUST EXTRACTION MEANS A CLEANER ENVIRONMENT

The demand for a cleaner working environment, better quality finish and reduced consumable cost, means sanding solutions have evolved, from paper backed abrasive to a mesh construction with thousands of tiny holes.

Norton MeshPower responds to these demands by offering dust extraction in many operations.The open mesh construction of the backing allows dust particles to flow freely through thousands of tiny holes, creating a virtually dust free sanding environment. Better for your health, better for your application and better for your business!



CERAMIC ADVANTAGE

Ceramic grain provides the ultimate material removal, best productivity, longer life and finest finish.

NEW MESHPOWER DISCS CERAMIC +++++

SIZE (mm)	GRIT	PK QTY	ART NO.
150	60 NEW	50	78072712627
	80	50	69957325723
	120	50	69957325730
	180	50	69957325731
	240	50	69957325732
	320	50	69957325733
	400	50	69957325736
203	60 NEW	50	78072712626
	80	50	69957326072
	120	50	69957326073
	180	50	69957326075
	240	50	69957326076
	320	50	69957326077
	400	50	69957326078

NEW MESHPOWER DISCS ALUMINIUM OXIDE +++++

SIZE (mm)	GRIT	PK QTY	ART NO.
150	80	50	69957326274
	120	50	69957326275
	180	50	69957326276
	240	50	69957326277
	320	50	69957326278
	400	50	69957326279
225	80	25	78072703555
	120	25	78072703556
	180	25	78072703557
	240	25	78072703558
	320	25	78072703559

PAD SAVER

SIZE (mm)	TYPE / GRADE	PK QTY	ART NO.
150	Multi-Air	1	69957328425
	14+1 holes	1	69957328430

SELF-GRIP & BEARTEX DISCS

Self-Grip discs have a quick release backing that allows fast and easy disc changing, increasing performance by minimising downtime. Made with premium abrasive grains for excellent cutting action providing a very homogenous and high quality finish. Depending on the grit size, Norton self-grip discs are ideal for preparing primed and painted surfaces, stripping primer, varnish and paint, sanding plastic and fibreglass, light weld blending and deburring and sanding bare wood.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓
Suitable ○

MATERIALS	APPLICATIONS	NORTON PRO PLUS A975	BLUE FIRE NORZON H835F	NORTON PRO A275	H231	NORTON PRO FILM Q275	H425*
		+++++	+++++	++++	++++	++++	++++
Metal	Coarse sanding		✓✓		✓		
	Finishing		✓✓		✓		
Hard wood	Coarse sanding		✓✓	○	✓		✓
	Finishing	✓✓	✓	✓	✓✓	✓	✓
Soft wood	Coarse sanding		✓	✓	✓✓		✓
	Finishing	✓✓	✓	✓	✓	✓	✓
Filler	Aluminium / metal	✓	✓✓	✓		✓	
	Polyester	✓✓	✓				
Varnish / paint / primer	Coarse sanding		✓	✓✓	✓		
	Finishing	✓✓	✓	✓	○	✓	
Composites / coatings	Epoxy		✓✓		✓		
	Acrylic	✓✓		✓			
	Fibre glass		✓✓		✓		
	Finishing	✓✓		✓		✓	
Plaster	Coarse sanding				✓		○
	Finishing			✓✓	○		
Stone & glass	Coarse sanding				○		✓✓
	Finishing				○		✓✓

*Available as MTO only

HOLE PATTERNS

Discs are available with different hole patterns for improved dust extraction.

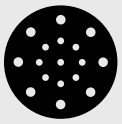
The most popular hole patterns available stock are shown below,
other hole patterns available on request, check the MTO offering for more information.

ø76mm
without holes

ø150mm
without holes

ø125mm
with 8 holes ø10mm
on hole circle ø65mm

ø150mm
with 15 holes ø9mm
on hole circle ø120mm;
6 holes ø9mm
on hole circle ø80mm
+ 1 centre hole ø17mm



ø150mm
with 17 holes
8 holes ø10 mm
on hole circle ø120mm;
8 holes ø8mm
on hole circle ø65mm
+ 1 centre hole ø10mm

NORTON PRO PLUS A975

- Norton SG ceramic grain blended with premium heat-treated aluminium oxide abrasive for higher and faster cut rate with uniform scratch pattern
- Fibre reinforced latex paper is flexible yet tear resistant
- No-Fil® treatment reduces clogging during use and extends the life of the disc
- Also available with soft-touch foam backing

NON FERR.

PAINT/VARN. & HARD WOOD

DIAxH (mm)	GRIT	PK QTY	BOX QTY	ART NO.
150	80	100	400	63642523303
	120	100	400	63642524766
	150	100	400	63642557521
	180	100	400	63642591994
	240	100	400	63642591990
150 15 holes	80	100	400	66254477881
	120	100	400	66254477879
	150	100	400	66254477882
	180	100	400	66254477883
	220	100	400	66254477884
	240	100	400	66254477885
	280	100	400	66254477886
	320	100	400	66254477887
	400	100	400	66254477888
	500	100	400	66254476601
	600	100	400	63642532659
	800	100	400	66254479091

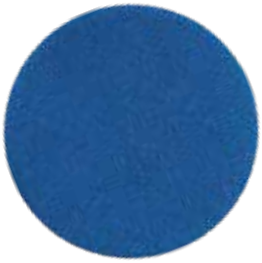
See the Norton Automotive Aftermarket catalogue for the extended range of A975 Multi-Air self-grip & Multi-Air Soft Touch discs

SELF-GRIP & BEARTEX DISCS

BLUE FIRE NORZON H835 +++++

- Latest Norzon grain design with self-sharpening grain for great cut rate and extended product life
- Prevents premature clogging due to open grain distribution
- The best option for coarse sanding and finishing on hard materials
- High strength paper backing with excellent tear resistance and reduced curling and edge chipping

FERR. & NON FERR. | PAINT/VARN. & HARD WOOD



DIAxH (mm)	GRIT	PK QTY	ART NO.
150	40	50	69957390933
	60	50	69957390940
	80	50	69957391248
	120	100	69957391249
150 15 holes	40	50	66254444904
	60	50	66254444905
	80	50	66254444908
	120	100	66254444909

See the Norton Automotive Aftermarket catalogue for the extended range of H835 MultiAir self-grip discs

NORTON PRO A275 ++++

- Heat treated aluminium oxide abrasive for faster cut rate and consistent scratch pattern for consistently good surface finish
- Can be used univerally on different surfaces
- No-Fil® coating prevents premature clogging for a longer lasting disc
- Fibre reinforced latex paper is flexible yet tear resistant

NON FERR. | PAINT/VARN, HARD & SOFT WOOD

DIAxH (mm)	GRIT	PK QTY	BOX QTY	ART NO.
76	80	50	100	63642585133
	120	50	100	63642585145
	150	50	100	63642585148
	180	50	100	63642585150
	220	50	100	63642585153
	240	50	100	63642585156
	320	50	100	63642569699
	400	50	100	63642585169
	500	50	100	69957391303
	800	50	100	63642585172
150	80	100	100	63642585184
	100	100	100	63642585186
	120	100	100	63642569701
	150	100	100	63642569702
	180	100	100	63642585190
	220	100	100	63642585194
	240	100	100	63642585197
	280	100	100	63642585199
	320	100	100	63642569704
	400	100	100	63642585214
	500	100	100	63642585217
	600	100	100	63642585220
	800	100	100	63642585223
150 15 holes	80	100	400	66254405540
	100	100	400	66254405542
	120	100	400	66254405528
	150	100	400	66254405530
	180	100	400	66254405546
	220	100	400	66254405548
	240	100	400	66254405549
	280	100	400	66254405550
	320	100	400	66254405539
	360	100	400	66254405551
	400	100	400	66254405552
	500	100	400	66254405553
	600	100	400	66254405554
	800	100	400	66254405555

SELF-GRIP & BEARTEX DISCS

H231 ++++

- Aluminium oxide abrasive for roughing, intermediate sanding and finishing of solid wood on floor and furniture applications
- Semi-open / open coat (depending on grit size) reduces clogging on the disc for longer life
- Finer grits are ideal for polishing metal, plastic and leather, smoothing filler and sanding primer, within vehicle repair markets
- Anti-static properties of the disc enable excellent surface quality

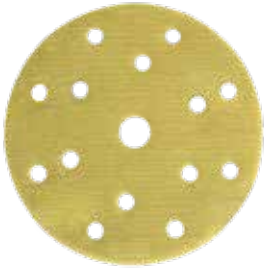
FERR. & NON FERR. | HARD WOOD

DIAxH (mm)	GRIT	PK QTY	BOX QTY	ART NO.
125 8 holes	36	100	50	66261176734
	60	100	100	63642516174
	80	100	100	63642516175
	120	100	100	63642516176
	180	100	100	63642537389
	240	100	100	69957360184
	320	100	100	63642537390
150	36	100	50	63642551458
	40	100	100	63642531875
	50	100	100	69957360119
	60	100	100	63642519158
	80	100	100	63642546787
	100	100	100	63642531872
	120	100	100	63642531871
	150	100	100	69957360170
	180	100	100	63642536755
	240	100	100	63642546797

NORTON PRO FILM Q275 ++++

- Heat-treated aluminium oxide grain for fast material removal and excellent performance on paint, varnish and fillers
- Flexible film backing is resistant to tearing and provides a consistent scratch pattern which reduces rework
- No-Fil® layer on the abrasive prevents dust build-up during sanding for significantly longer disc life
- Self-grip system for quick and easy disc changing, reducing process time

PAINT/VARN, HARD & SOFT WOOD



DIAxH (mm)	GRIT	PK QTY	BOX QTY	ART NO.
150 15 holes	80	100	400	77696085879
	120	100	400	77696088028
	150	100	400	77696088145
	180	100	400	77696088146
	220	100	400	77696088147
	240	100	400	77696088149
	320	100	400	77696088150
	400	100	400	77696088151
	500	100	400	77696088152
	600	100	400	77696088153
	800	100	400	77696088154
	1000	100	400	77696088155
	1200	100	400	77696088156
	1500	100	400	77696088388

BEARTEX +++

- Three-dimensional disc that conforms to work surface and provides a uniform finish
- Non-loading and ideal for finishing solid surface materials
- Gentle action that easily removes burrs without affecting the dimension of the workpiece
- In Self Grip and Plain backing

DIAxH (mm)	GRADE	CAP CODE	PK QTY	ART NO.
150 7 holes	**BEARTEX SELF-GRIP DUST HOLE DISCS**			
	F2560	Very fine A	10	69957383151
	F4802	Ultra fine S	10	69957383158
	F2801	Micro fine A	10	69957383162
150	**BEARTEX SELF-GRIP PLAIN DISCS**			
	F2560	Very fine A	10	63642574240
	F4660	Ultra fine S	10	63642581769
	BEARTEX PLAIN DISCS (WITHOUT SELF-GRIP)			
	F2560	Very fine A	10	63642557497
	F4807	Ultra fine S	10	63642557498

NEW BEARTEX ++++

150	**BEARTEX SELF-GRIP PLAIN DISCS**			
	F2316	Medium A Heavy duty	20	66261121312

SELF-GRIP BACK-UP PADS

PRODUCT SELECTION GUIDE BACK-UP PADS

APPLICATION	DENSITY
Heavy duty sanding, best for flattening surfaces or dimensioning	**HARD** Blue Rubber
Scruffing, shaping, sanding and finishing For use on filler, primer, paint, clear coat, wood, plaster, composites and metal	**MEDIUM** Black Rubber
Final sanding, to obtain the best finishes	**SOFT** Orange Foam / Rubber

MACHINE	ATTACHMENT TYPE
Electrical angle grinder	M14
Electrical and pneumatic grinders (US tools)	5/8
Festool orbital sander	M8
Other orbital sanders	5/16

Packed in clear individual display box including: safety recommendations, product information, mounting instructions, versatile attachment system (Festool M8 and standard 5/16) and Allen wrench.

SELF-GRIP & BEARTEX DISCS

*The 76mm back-up pad is a universal attachment system for both Self-Grip and self-adhesive discs. It provides the maximum flexibility and optimal finishing results. The Self-Grip DUO combines an innovative design of gripping structures in the shape of flat-top mushrooms which provides a highly uniform finish while allowing both self-adhesive and Self-Grip discs to be used on this unique system

DIM DIAxH (mm)	THREAD	DENSITY	PK QTY	ART NO.
76 No holes	5/16"	Medium	6	63642567810*
125 8 holes	5/16"	Medium	3	69957350739
125 No holes	M14	Medium	3	69957350744
150 No holes	5/16 & M8	Medium	1	66623338436
150 No holes	M14	Medium	3	63642567812
150 15 holes	5/16 & M8	Hard	1	66623338451
		Medium	1	66623338450
		Soft	1	66623338452

FOAM INTERFACE BACK-UP PADS SELF-GRIP

DIA (mm)	PK QTY	ART NO.
76	10	69957394589
150	10	07660719360

Dimensions Key: DIM = Dimensions, DIA = Diameter

SPEC CHECK

Specially designed to give optimum results with very fine grit abrasives, the Norton foam interface easily conforms to contours. The interfaces are specifically developed for finishing operations to reduce risk of scratching the workpiece. Use the foam interface between the Norton self-grip back-up pad and the self-grip abrasive disc.

HOLE PATTERNS FOR DISCS AVAILABLE AS MADE-TO-ORDER

Other sizes and hole patterns available on request

115mm

ø115mm
with no holes

125mm

ø125mm
with no holes

125mm

ø125mm with 8 holes
ø10 mm on hole circle ø90 mm
+ 1 centre hole ø10 mm

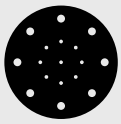
150mm

ø150mm with 6 holes
ø10 mm on hole circle ø80 mm
+ 1 centre hole ø17 mm

ø150mm

ø150 mm 8 holes ø10 mm
on hole circle ø120 mm
+ 1 centre hole ø17 mm

ø150mm



ø150mm
with 17 holes

ø150mm

ø150mm with 180 holes
+ 1 centre hole ø18 mm

ø203mm

ø203 mm 8 holes
ø12 mm

ø225mm

ø225 mm 10 holes
ø12 mm on hole circle ø105 mm

MADE-TO-ORDER PRODUCT AVAILABILITY

FOR SELF-GRIP DISCS

PRODUCT / GRIT	36	40	60	80	120	150	180	220	240	280	320	400	500	600	800	1000	1200	1500
Norton Pro Plus A975				•	•	•	•	•	•	•	•	•	•	•	•			
Blue Fire Norzon H835F		•	•	•	•		•											
Norton Pro A275				•	•	•	•	•	•	•	•	•	•	•	•			
H231	•	•	•	•	•	•	•		•		•							
Norton Pro Film Q275				•	•	•	•	•	•		•	•	•	•	•	•	•	•
H425*	•	•	•	•	•			•			•	•		•	•			

* Available only as MTO

MINIMUM ORDER QUANTITY

DIAMETER (mm)	MINIMUM ORDER QUANTITY
Up to 50mm	4000 pieces
51 up to 90mm	2500 pieces
91 up to 125mm	2000 pieces
126 up to 200mm	1000 pieces
201 up to 420mm	200 pieces
Over 421mm	25 pieces

Norton offers a variety of discs, including the Multi-Air family, featuring Norton Cyclonic, the latest generation of discs for all applications from sanding to polishing.

For more information, see the Norton Automotive Catalogue, or contact your local sales representative.

SCREENBACK DISCS
FOR WALL & CEILING SANDING

Norton offers a complete solution of screenback discs to suit the most common applications including ceiling and wooden floor sanding.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

MATERIALS	APPLICATIONS	Q43N	Q421
		+++	+++
Wall and ceiling sanding	Surface preparation	✓✓	✓
Wood floor sanding	Surface preparation	✓	✓✓
	Between coats	✓	✓✓

Q43N +++

- Sharp silicon carbide grain for aggressive and fast cut
- Open-mesh structure for reduced clogging and longer life
- Ideal for wall and ceiling surface preparation
- Open self-grip backing can be used on machines with dust extraction to reduce dust generation when sanding plaster

PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIAxH (mm)	GRIT	PK QTY	ART NO.
225	60	25	66623332303
	80	25	66623332310
	100	25	66623332311
	120	25	66623332313
	150	25	66623332318
	220	25	66623332322

Dimensions Key: DIM = Dimensions, DIA = Diameter

Q421 +++

- Silicon carbide abrasive for aggressive and fast cut
- Open-mesh backing to reduce clogging and loading
- Designed for wood floor sanding
- Can be used for wet or dry applications

PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIAxH (mm)	GRIT	PK QTY	ART NO.
406	60	10	66261120519
	80	10	63642536521
	100	10	66261120517
	120	10	66261120516
	150	10	63642536524
	180	10	63642515105
	220	10	63642552254

PLAIN DISCS
FOR FLOOR SANDING

Norton offers a range of plain sanding discs to suit all the most commonly encountered applications.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

MATERIAL / APPLICATIONS		H425	H231
		++++	++++
Wood (floor sanding) Stone	Surface preparation	✓	✓✓
	Coarse sanding	✓✓	
	Finishing	✓✓	

H425 ++++

- Sharp silicon carbide abrasive grain for aggressive and high cut rate
- For dry applications only
- Strong E-weight paper ideal for use on stone surfaces

STONE HARD & SOFT WOOD

SIZE (mm)	GRIT	PK QTY	ART NO.
150 x 12	36	50	63642546553
	40	100	69957360199
	50	100	63642546525
	60	100	63642546527
	80	100	63642546529
	100	100	69957360218

PLAIN DISCS FOR FLOOR SANDING

H231 ++++

- High performance aluminium oxide abrasive with anti-static properties for longer life and excellent surface quality
- Semi-open / open coat (depending on grit size) to improve resistance to clogging
- Ideal for roughing, intermediate sanding and finishing of solid wood on floor

FERR. & NON FERR. | PAINT/VARN, HARD & SOFT WOOD

SIZE (mm)	GRIT	PK QTY	ART NO.
350 x 40	40	10	63642540076
	50	10	63642540078
	60	10	63642540079
	80	10	63642540080

Dimensions Key: DIM = Dimensions, DIA = Diameter, H = Hole

SPEC CHECK

To remove swirl marks left from edging, consider sanding the edges with an orbital sander. For best results and to avoid halos, use the same grit on the orbital sander as you previously used on the edger. The super sharp ceramic alumina grain will easily remove edger marks and produce a scratch free finish. See section self-grip discs for further information about range.

MADE-TO-ORDER PRODUCT AVAILABILITY

PRODUCT / GRIT	24	36	40	60	80	120	150	180	220	240	280	320	400	600	800	1000
H425	•	•	•	•	•	•			•	•	•	•	•	•	•	
H231		•	•	•	•	•	•	•	•	•	•	•	•			

Hole patterns for discs available as MTO, other sizes and hole patterns available on request • Available

ø 115mm with 22,23mm slotted hole
ø 125mm with 22,23mm slotted hole

MINIMUM ORDER QUANTITY

DIAMETER (mm)	MINIMUM ORDER QUANTITY
Up to 125mm	2000 pieces
126 up to 200mm	1000 pieces
201 up to 420mm	200 pieces
Over 421mm	25 pieces

AVAILABLE ON REQUEST
DOUBLE SIDED ABRASIVE DISCS
Available on request a full range of 100% silicon carbide abrasive coated discs with abrasive on both sides for twice the life, quick switch, no PSA contamination, increased tear resistance. Contact your local sales representative.

BEARTEX FLOOR PADS
FOR FLOOR SANDING MACHINES

Beartex offers a wide range of floor pads from stripping right through to mirror gloss finishing. For general scrubbing and cleaning applications Beartex offers two pads that will remove surface dirt and grime to get the floor back in shape before recoating or buffing.

BEARTEX FLOOR PADS

DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
STANDARD FLOOR PADS 25mm THICK				
406	JF175	White Super Gloss	5	63642585892
	JF176	Red Buffer	5	63642585890
	JF177	Beige / White	5	63642585873
	JF178	Black Super Strip	5	63642585841
	JF180	Green Super Scrub	5	63642585877
	JF181	Blue Super Clean	5	63642585868
All standard floor pads come with an 89mm removable centrepiece				
THIN LINE FLOOR PADS 15mm THICK				
406	JU014	Black	10	63642585895
	JF068	Green	10	63642585899
	JF040	Beige	10	63642585903
	JF175	White	10	63642585904

PRODUCT SELECTION

Black Super Strip	A thick pad that is aggressive, durable and consistent, for wet stripping applications
Green Super Scrub	A heavy duty wet scrubbing pad that will remove the toughest scuff marks in heavily soiled traffic areas
Blue Super Clean	For general duty scrubbing or heavy spray cleaning jobs
Beige / White	For buffing and polishing, good for light traffic areas
Red Buffer	Generally used where a high gloss finish is desired when dry or spray buffing. It can also be used for light cleaning applications
White Super Gloss	A non-abrasive polishing/buffing pad, used dry or with a fine mist to yield a mirror gloss shine

PRODUCT SELECTION GUIDE

MATERIALS / APPLICATIONS	HIGHLY RECOMMENDED	RECOMMENDED	SUITABLE
Wood - floor sanding	JF178	JF181	JF177

NOTES

NORTON®

SAINT-GOBAIN

COATED ABRASIVES

WHEELS

Flap wheels 110
Convolute wheels 131
Rapid Strip wheels 136
Rapid Blend unitised wheels 138
High strength discs 140

FLAP WHEELS WITH SPINDLE

Flap wheels conform to intricate shapes and contours. Designed to deliver a consistent finish with a uniform rate of cut, they wear away evenly and without residue, continually exposing fresh abrasives.

Wheels are designed with a 3 or 6mm steel shank which runs through the wheel creating better balance, a reduction of chatter, and reduced operator fatigue. They also permit quick changes on air tools when using other abrasive products.

Flap wheels with shaft achieve their best performance at a recommended speed of 15-25m/s, which optimises stock removal, surface finish, thermal load of the workpiece and toll wear.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

MATERIALS	NORTON QUANTUM	NORZON R822	R427*	METAL R207Plus
	+++++	++++	++++	+++
Stainless steel, inox and duplex	✓✓	✓		
Inconel, titanium and super alloys	✓✓	✓		
Carbon steel, construction steel and mild steel	✓✓	✓✓		✓✓
Cast iron	✓	✓✓		✓✓
Non-ferrous metal (brass /aluminium)			✓✓	✓✓
Hard and soft wood		✓✓	✓	✓
Composite materials			✓✓	✓
Stone, concrete			✓✓	✓
Glass, plastic			✓✓	✓

* Made to order

NORTON QUANTUM +++++

HIGH PERFORMANCE

- The best choice for use on stainless steel, inconels, chromium cobalt, titanium and extremely hard materials
- Aggressive cut removes defects quickly and effectively
- Additional supersize layer minimises heat build-up on the workpiece for a cooler cut and longer life
- CERAMIC ALUMINIUM OXIDE grain for greatest durability, longest life on tough applications and stainless steel

METAL INOX

DIM DIAxWxS (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
30x15x6	40	10	66261154243	9500 - 15900
	60	10	66261154300	
	80	10	66261154301	
	120	10	66261154871	
40x20x6	40	10	66261154302	7100 - 12000
	60	10	66261154305	
	80	10	66261154306	
	120	10	66261154307	
60x15x6	40	10	66261154308	4800 - 7900
	60	10	66261154312	
	80	10	66261154313	
	120	10	66261154314	
60x30x6	40	10	66261154315	4800 - 7900
	60	10	66261154316	
	80	10	66261154318	
	120	10	66261154320	
80x30x6	40	10	66261154323	3600 - 6000
	60	10	66261154325	
	80	10	66261154338	
	120	10	66261154339	
80x50x6	40	10	66261154340	3600 - 6000
	60	10	66261154341	
	80	10	66261154343	
	120	10	66261154344	

SPEC CHECK

Grinding on stainless generates a considerable amount of heat; using a Norton Pink flap wheel improves cut, finish and reduces heat generation and workpiece burn.

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width, S = Spindle

FLAP WHEELS WITH SPINDLE

NORZON R822 ++++

- Self-sharpening zirconia alumina grain for use on stainless steel and resistant alloys
- Ideal for grinding, shaping, blending, edge breaking and weld removal
- Aggressive cutting action means a faster finish per part, maximising throughput
- Achieves a good linear finish thanks to load resistance for a regular cut rate

METAL INOX | HARD & SOFT WOOD

SPEC CHECK

Reducing the working pressure and the peripheral speeds of the abrasive wheel, results in reduced heat generation on the workpiece and the tool, eliminating burn marks and improving finish.

DIM DIAxWxS (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
30x20x6	40	10	66261033325	9500 -15900
	60	10	66261139984	
	80	10	66261139986	
40x20x6	40	10	69957300004	7100 - 12000
	60	10	69957300006	
	80	10	69957300007	
60x30x6	40	10	63642539952	4800 - 7900
	60	10	63642536547	
	80	10	63642539953	
80x30x6	40	10	63642539954	3600 - 6000
	60	10	63642539955	
	80	10	63642536548	
80x50x6	40	10	69957300015	3600 - 6000
	60	10	63642578253	
	80	10	69957300019	

Formerly X-Treme R822

METAL R207Plus +++

- Excellent cut rate even at low-pressure when used for finishing operations
- A universal product which achieves a good finish on steel and stainless steel
- New generation of premium aluminium oxide grain provides an aggressive cut yet long product life
- Conforms to the workpiece thanks to the flexible cotton backing

FERR. & NON FERR.

+25% PERFORMANCE UPGRADE

† +25% performance upgrade

DIM DIAxWxS (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
3mm SHAFT				
15x15x3	60	10	66261139936	19000 - 31800
	80	10	66261139944	
	120	10	66261139945	
	180	10	66261139947	
30x10x3	60	10	66261139974	9500 - 15900
	80	10	63642536733	
	120	10	66261139976	
	180	10	66261139978	

6mm SHAFT					
	20x10x6	40	10	77696007699	14300 - 23900
		60	10	66261193703	
		80	10	66623329045	
		120	10	66261137904	
	25x20x6	40	10	66261100608	11500 - 19000
		60	10	66261106190	
		80	10	77696086608	
		120	10	66261137918	
	30x10x6	40	10	66261138103	9500 - 15900
		60	10	63642545207	
		80	10	63642537371	
		120	10	63642552728	
	30x15x6	40	10	66261056890	9500 - 15900
		60	10	63642513148	
		80	10	63642561466	
		120	10	63642551593	
		180	10	66261138106	
		240	10	63642547341	
	30x30x6	40	10	66261138108	9500 - 15900
		60	10	66254410858	
		80	10	66261063210	
		120	10	66261138109	
	40x15x6	40	10	63642539937	7100 - 12000
		60	10	63642533099	
		80	10	63642533098	
		120	10	63642533094	
	40x20x6	40	10	63642539938	7100 - 12000
		60	10	63642546771	
		80	10	63642546768	
		120	10	63642546760	
	50x20x6	40	10	63642546774	5700 - 9500
		60	10	63642531870	
		80	10	63642533097	
		120	10	63642546759	
	50x30x6	40	10	63642539943	5700 - 9500
		60	10	63642534251	
		80	10	63642561879	
		120	10	63642531863	
	60x15x6	40	10	63642546773	4800 - 7900
		60	10	69957360901	
		80	10	63642546767	
		120	10	63642546758	
		180	10	66261138277	
		240	10	69957360903	

+25% PERFORMANCE UPGRADE

† +25% performance upgrade

FLAP WHEELS WITH SPINDLE

	DIM DIAxWxS (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
6mm SHAFT					
	60x20x6	40	10	63642536738	4800 - 7900
		60	10	63642531869	
		80	10	63642531866	
		120	10	63642531862	
	60x30x6	40	10	63642536737	7100 - 12000
		60	10	63642531868	
		80	10	63642531865	
		120	10	63642531861	
		180	10	66261090663	
		240	10	63642546694	
		320	10	63642546727	
	80x30x6	40	10	69957360911	5700 - 9500
		60	10	63642531867	
		80	10	63642533096	
		120	10	63642534250	
	80x50x6	40	10	69957360914	5700 - 9500
		60	10	63642559718	
		80	10	69957360916	
		120	10	69957360917	

† +25% performance upgrade

To prevent unnecessary tool wear, use a coarser grit size instead of increasing contact pressure. For a finer surface finish, increase the cutting speed. Using the same grit size, the finish will be rougher on softer materials.

METAL R207PLUS - SLOTTED FLAP WHEELS

- A universal product which achieves a good finish on steel and stainless steel
- The slotted flaps improve flexibility and ease of use, conforming easily to contours and hard to reach areas
- The aluminium oxide grain provides an aggressive cut yet long product life
- Good cut rate on low-pressure finishing operations with ability to leave a very good finish

+25% PERFORMANCE UPGRADE

† +25% performance upgrade

SLOTTED FLAP WHEELS	DIM DIAxWxS (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
	30x15x6	40	10	66261135702	9500 - 15900
		80	10	66261135714	
	60x30x6	40	10	66261135790	4800 - 7900
		80	10	66261135792	
	80x50x6	40	10	66261135797	3600 - 6000
		80	10	66261135799	
		120	10	66261135801	
		240	10	66261135803	
		320	10	66261135804	

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width, S = Spindle

Formerly BDX R207Plus

MADE-TO-ORDER PRODUCT AVAILABILITY

PRODUCT / GRIT	36	40	60	80	120	150	180	240	320
NORTON QUANTUM R928		•	•	•	•				
NORZON R822	•	•	•	•	•	•			
R427	•	•	•	•	•	•	•	•	
METAL R207		•	•	•	•	•	•	•	•

MINIMUM ORDER QUANTITY

DIAMETER (mm)	MINIMUM ORDER QUANTITY
20	250 pieces
25	250 pieces
30	250 pieces
40	250 pieces
50	250 pieces
60	250 pieces
80	250 pieces

BEARTEX SPINDLE MOUNTED FLAP WHEELS

Non-woven surface finishing flap wheels are an ideal choice for a variety of blending and finishing applications common in the metal fabrication, welding and polishing industries. Flap wheels conform to intricate shapes and contours. Designed to deliver a consistent finish with a uniform rate of cut, they wear away continually, exposing fresh abrasives.

There are two types of non-woven flap wheels: those made with only non-woven flaps, where finishing is the primary application, and interleaved wheels, made with coated abrasive and non-woven flaps. The interleaved wheels are less conformable but more rigid for higher stock removal and must always be run in the direction indicated by the arrow on the product label.

FLAP WHEEL TYPES

Mounted on a 6mm diameter spindle, for use on straight line die grinders for removal of oxidation, paint, corrosion and generating grain finishes.

BEARTEX NON-WOVEN FLAP WHEELS

- Non-woven only abrasive flaps
- Ideal for finishing large and awkward components
- Can be used for metals, wood, composite and plastics
- Less aggressive than conventional coated abrasive flap wheels

BEARTEX INTERLEAVED FLAP WHEELS

- BearTex non-woven abrasive interleaved with coated abrasive
- Soft yet aggressive, creating a "firmer" wheel that provides a higher rate of cut
- The ratio of coated abrasive to non-woven flaps can be altered to suit particular applications
- Ideal for deburring and grain finishing on stainless steel

APPLICATION GUIDE

	COARSE (GRINDING)						FINE (FINISHING)
COATED GRIT	40	60	80	120	180	240	320
NON-WOVEN GRADE	COARSE		MEDIUM		FINE	VERY FINE	
Preparing metal for painting		●	●				
Blending out medium machine marks		●	●				
Blending metal surfaces			●	●			
Applying light scratch pattern			●	●	●		
Fine blending and cleaning				●	●	●	
Metal finishing and polishing						●	●
	COATED / INTERLEAF FLAP WHEELS					NON-WOVEN FLAP WHEEL	

BEARTEX FLAP WHEELS HEAVY DUTY ++++

- Durable, heavy duty wheel for blending and finishing with up to 2 x longer life
- Enhanced Clean Bond™ resin coverage for consistent uniform surface finish, with no smearing
- Premium aluminium oxide grain for improved cut rate

FERR. & NON FERR.

DIM DIAxWxS (mm)	GRADE	CAP CODE	PK QTY	ART NO.
60x30x6	Medium A	F2316	10	66261117932
80x40x6	Medium A	F2316	10	66261117934
100x50x6	Medium A	F2316	10	66261117936

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width, S = Spindle

BEARTEX FLAP WHEELS +++

- Provides a gentle cushioning action for use on contoured and shaped surfaces
- Consistent and uniform finish with no risk of gouging
- Vibration free for a consistent finish without smearing or component discolouration

FERR. & NON FERR.

DIM DIAxWxS (mm)	GRADE	INTERLEAVED GRIT	CAP CODE	PK QTY	ART NO.
30x20x6	Medium A	-	F2300	10	66261032155
	Fine A	-	F2401	10	66261032160
40x20x6	Medium A	-	F2300	10	66261032156
	Fine A	-	F2401	10	66261032161
	Very Fine A	-	F2501	10	66261032165

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width, S = Spindle

BEARTEX SPINDLE MOUNTED FLAP WHEELS

DIM DIAxWxS (mm)	GRADE	INTERLEAVED GRIT	CAP CODE	PK QTY	ART NO.
60x30x6	Fine A Interleaved	60	F2401	10	63642549639
	Fine A Interleaved	100	F2401	10	63642549640
	Fine A Interleaved	150	F2401	10	63642549641
	Coarse	-	F2202	10	66261032167
	Medium A	-	F2300	10	66261032157
	Medium S	-	F4300	10	66261053048
	Fine A	-	F2401	10	63642549650
	Fine S	-	F4401	10	63642515902
	Very Fine A	-	F2501	10	63642515905
80x50x6	Fine A Interleaved	60	F2401	10	7660705179
	Fine A Interleaved	100	F2401	10	63642515544
	Fine A Interleaved	150	F2401	10	63642515545
	Coarse	-	F2202	10	63642586113
	Medium S	-	F4300	10	66261053053
	Fine A	-	F2401	10	63642515583
	Fine S	-	F4401	10	63642515614
	Very Fine A	-	F2501	10	63642515628
100x50x6	Fine A Interleaved	60	F2401	10	63642515907
	Fine A Interleaved	100	F2401	10	63642515908
	Fine A Interleaved	150	F2401	10	63642515909
	Fine A	-	F2401	10	63642515903
	Fine S	-	F4401	10	63642515904
	Very Fine A	-	F2501	10	63642515906

Other specifications are available MTO. Please contact your local sales or customer service representative for more information.

BEARTEX FLAP WHEELS TR+ MOUNTED ++++

- Perfect for quick change facilities, where continuous production and operation are important

FERR. & NON FERR.

DIM DIAxWxS (mm)	GRADE	CAP CODE	PK QTY	ART NO.
60x30xTR	Medium A	F2316	10	66261124072

Dimensions Key: DIM = Dimensions, DIA/D = Diameter, W = Width, S = Spindle

Use with TR+ holder for quick change capability.
Also available in interleaved and TR+ in large and small diameter wheels.

BACK-UP PADS TR+ ATTACHMENT (TR+ – SL4)

TR+

TYPE	DENSITY	MAX RPM	PK QTY	ART NO.
Plastic back-up pad with 6mm spindle	Hard	15000	1	63642586196

For 100mm Speedlok TR+ discs

PNEUMATIC DIE GRINDER
GRINDING TOOLS AND KITS

Our new Norton pneumatic die grinder quickly and comfortably accomplishes many portable applications without changing machines – including jobs for abrasive specialties (cartridge and spiral rolls...), small diameter flap wheels, mounted points, and carbide burrs.
Equip your new die grinder with the complete line of Norton die-grinding abrasive products and it will run longer, at peak efficiency.

PNEUMATIC DIE GRINDER +++

WITH 6MM COLLET, MAX RPM 25000 (0,9 HP)

- Extremely versatile and productivity-enhancing; includes a 6mm collet to accommodate numerous abrasive products: specialties (including cartridge and spiral rolls, spirabands, cones), mounted flap wheels, mounted points, and carbide burrs
- Excellent value proposition: this is a solid tool sold at a GOOD-tier price
- Achieve better tool handling, along with reduced fatigue, from the ergonomic and streamlined non-slip grip
- Their small size also enhances control and finishes while their light weight provides additional control, less vibration for operator comfort, and the ability to get into small parts
- Double-bearing spindle generates superb concentricity, reducing vibrations and allowing longer use, while producing finer finishes

COLLET DIAMETER (mm)	HORSEPOWER	TOOL WEIGHT	AIR CONSUMPTION (l/min)	RECOMMENDED OPERATING PRESSURE:	ART NO.
6	0,9	0,65 kg	85	6,2 bar	69957341008

SPEC CHECK

Air tools require regular lubrication throughout the life of the tool. The air motor and bearing use compressed air to power the tool. Because moisture in compressed air will rust the air motor, it must be lubricated daily.
An inline oiling device is recommended.
Before using the machine add 1-2 drops of oil in the machine air inlet.

This in an UNGUARDED tool and should NEVER be used with cut-off discs. Never use any product that has a MAX RPM rating less that the RPM marked on the tool.

NORTON PNEUMATIC DIE GRINDER **PROFESSIONAL KIT**

GRINDING TOOLS AND KITS

Our new Norton pneumatic die grinder, quickly and comfortably accomplishes many portable applications without changing machines – including jobs for abrasive specialties (cartridge and spiral rolls...), small diameter flap wheels, mounted points, and carbide burrs.
Equip your new die grinder with the complete line of Norton die-grinding abrasive products and it will run longer, at peak efficiency.

PNEUMATIC DIE GRINDER +++

COMPATIBLE WITH 6MM SHAFTS TOOLS,
MAX RPM 25000 (0,9 HP)

- A complete assortment of our premium specialties (including cartridge, spirabands, cones), mounted flap wheels, mounted points, and carbide burrs, complete with pneumatic die grinder machine

KIT CONTENTS	ITEM ART NO.	PK QTY	KIT ART NO.
Norton pneumatic die grinder (6mm) 25000 RPM	69957341008	1	
Norton professional tool bag: 38x23x28cm	78072710141	1	
Norton Metal carbide burr Shape A12,7x25mm CUT D 60L70	66261146497	1	
Norton Metal carbide burr Shape F12,7x25mm CUT D 60L70	66261146540	1	
Mounted point shape A21 25x25mm 3NQ P80 O VS	61463688956	10	
Mounted point shape A38 25x25mm 86A P60 O VS	66253054946	10	
Norton Quantum flap wheel 30x15x6mm P60	66261154300	10	
Norton Metal flap wheel 30x15x6mm P120	63642551593	10	
BearTex flap wheel 30x20x6mm AOME	66261032155	5	69957366029
Small unitised wheels 25x25x6mm Fine	66261014883	10	
6mm threaded mandrel for unitised wheel	66261077832	1	
Blaze spiraband 15x30mm P60	66623331569	10	
Rubber expanding mandrel for spirabands 15x30x6	7660705182	1	
Norzon abrasive cone 20x15x63mm P50	66261176657	10	
Rubber expanding mandrel for cones 20x14x63 150x30x6mm	7660740439	1	
Blaze cartridge roll 6x38x3mm C80	66261128986	25	
Steel mandrel for cartridge rolls 3x25x6mm	63642556791	1	

FLAP WHEELS
WITH INTERNAL M14 THREAD

Norton flap wheels with internal M14 thread are ideal for sanding contours and uneven surfaces, while delivering a uniform cut rate for a consistent finish when blending, deburring, and finishing in metal fabrication and welding industries. Flap wheels conform to intricate shapes and contours and are easy to operate; no adjustments, dressing or preparation is required before or during the operation.

Norton flap wheels are more forgiving than other abrasives, reducing the risk of flattening, gouging or surface deformation, meaning fewer rejected parts, and better long term productivity.

NORTON QUANTUM HIGH PERFORMANCE +++++

- Excellent results on stainless steel, inconels, chromium cobalt, titanium and extremely hard materials
- Aggressive cut removes defects quickly and effectively
- Additional supersize layer minimises heat build-up on the workpiece for a cooler cut and longer life
- Ceramic aluminium oxide grain provides the longest life even in tough applications

METAL INOX

DIM DIAxWxTH (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
115x20 M14	40	5	69957307345	6700 - 8300
	60	5	69957307350	
	80	5	69957307353	
	120	5	69957307354	
125x20 M14	40	5	69957307355	6700 - 8300
	60	5	69957307356	
	80	5	69957307359	
	120	5	69957307360	

FLAP WHEELS WITH INTERNAL M14 THREAD

METAL R207Plus +++

- A universal wheel for use on steel and stainless steel, can also be used for paint removal and on plastic or wood
- Excellent cut rate in low-pressure finishing operations, leaves a very good finish
- The new generation of premium aluminium oxide grain provides an aggressive cut yet long product life
- Quick and easy to mount on an angle grinder

FERR. & NON FERR.

+25% PERFORMANCE UPGRADE

† +25% performance upgrade

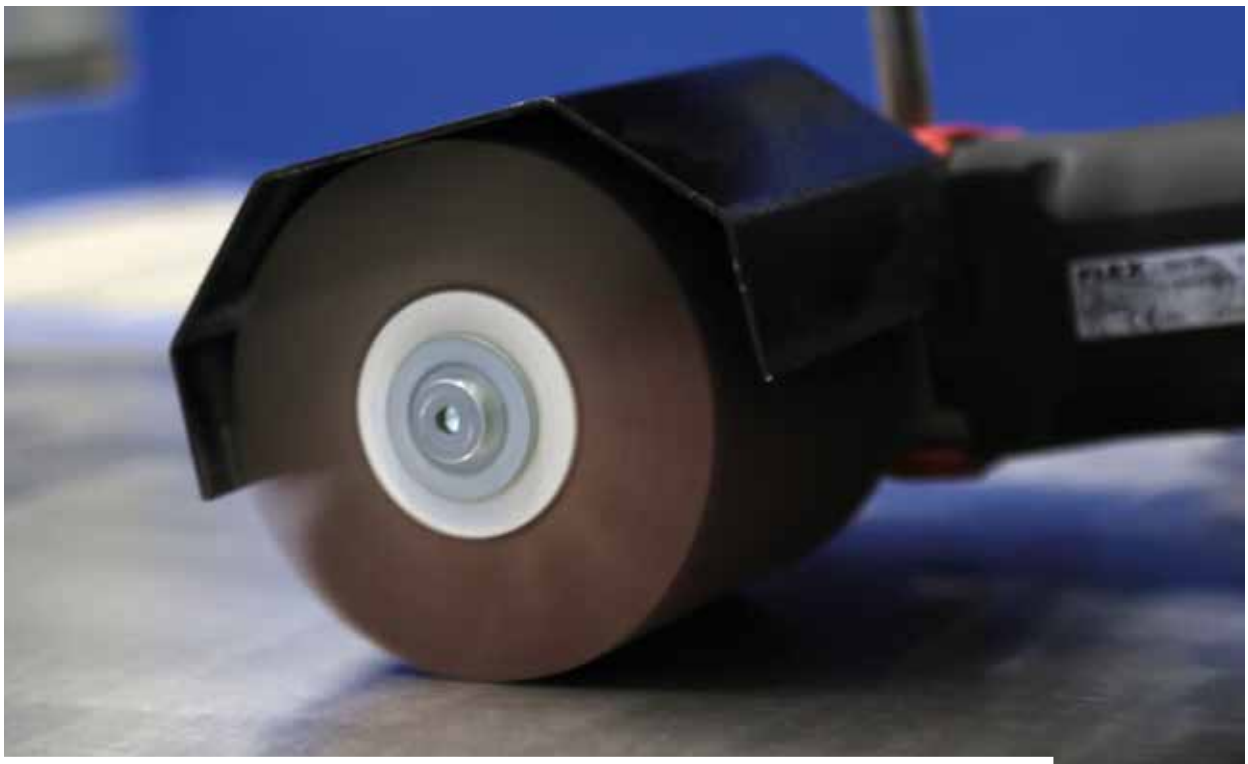
DIM DIAxWxTH (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
115x20 M14	40	5	66261121351	6700 - 8300
	60	5	66261121353	
	80	5	66261121411	
	120	5	66261121415	
125x20 M14	40	5	66261121426	6700 - 8300
	60	5	66261121427	
	80	5	66261121428	
	120	5	66261121429	
	180	5	66261121432	

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width, TH = Thread

Formerly BDX R207Plus

SPEC CHECK

To prevent unnecessary tool wear, use a coarser grit size instead of increasing contact pressure. For a finer surface finish, increase the cutting speed. Using the same grit size, the finish will be rougher on softer materials.



FLAP WHEELS
FOR SATINEX MACHINES

These versatile wheels are used on portable machines and are compatible with the most commonly used systems. Satinex wheels consist of a core of radially bonded strips of abrasive flaps, ideal for fine grinding work on large areas and uneven surfaces, delivering a consistent finish with a uniform rate of cut in blending, deburring and finishing applications in metal fabrication, welding and polishing industries. They can also be used for decorative finishing, thanks to the product structure of abrasive flaps anchored by a resin core at the centre, which provides excellent flexibility and very smooth surface finish.

Flange mounted flap wheels perform best at a recommended speed of 15-30m/s. At this speed, abrasive flaps stand up straight due to the centrifugal force, with only the edges in contact with the workpiece, optimising stock removal and surface finish whilst avoiding thermal load of the workpiece and tool wear.

NORZON R822 ++++

- Self-sharpening zirconia alumina grain for use on stainless steel and resistant alloys
- Ideal for grinding, shaping, blending, edge breaking and weld removal
- Aggressive cutting action means a faster finish per part, maximising throughput
- Achieves a good linear finish thanks to load resistance for a regular cut rate

METAL INOX

DIM DIAxWxS (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
100x100x19,1	40	1	66261139934	2900 - 5800
	60	1	66261138390	
	80	1	66261138391	

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width, S = Spindle

Formerly X-Treme R822

FLAP WHEELS FOR SATINEX MACHINES

METAL R207Plus +++

- An excellent choice where superior finish is required, or for low-pressure applications
- A universal wheel for use on steel and stainless steel, can also be used for paint removal and on plastic or wood
- The new generation of premium aluminium oxide grain provides an aggressive cut yet long product life
- Conforms easily to the workpiece

FERR. & NON FERR.

DIM DIAxWxS (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
100x100x19,1	40	5	66261139847	2900 - 5800
	60	5	66261138377	
	80	5	66261138378	

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width, S = Spindle

Formerly BDX R207Plus

BEARTEX WHEELS
FOR SATINEX MACHINES

Beartex Satinex wheels provide a cushioned abrasive action which not only works well on flat areas, but is also ideal for use in finishing operations on uneven surfaces. These versatile wheels are used on portable machines.

BEARTEX +++

- For use on portable, variable speed machines
- Wide range of different grades
- For applications from rust removal to a satin finish
- Flap wheel construction ensures a perfect linear finish for repair and touch-up jobs

APPLICATION GUIDE

INDUSTRY	APPLICATION	PRODUCTS
Stainless steel fabricators	Grain finishing on sheets, removing imperfections	Satinex non-woven Medium A
Architectural hardware	Finishing brass aluminium and steel, satin finishing	Satinex non-woven fine and very fine for bright linear finishes
Metal working	Cleaning and removing scales, oxide and rust	Satinex RapidStrip
Food processing	Weld blending, satin finishing with extended life	Satinex polyurethane

BEARTEX WHEELS FOR SATINEX MACHINES

SATINEX NON WOVEN

FERR. & INOX

APPLICATION	DIM DxTxB (mm)	CAP CODE	GRADE	MAX RPM	PK QTY	ART NO.
Blending / satin finishing	110x100x19	F2200	Coarse A	5700	1	63642557218
		F2316	Medium A Heavy Duty	5700	1	66261124068
		F2300	Medium A	5700	1	63642557404
		F2400	Fine A	5700	1	63642557405
		F2504	Very Fine A	5700	1	63642557406
		F4306	Medium S	5700	1	63642556878

SATINEX INTERLEAVED

APPLICATION	DIM DxTxB (mm)	CAP CODE	GRADE	MAX RPM	PK QTY	ART NO.
Blending / fine graining	110x100x19	F2200	Coarse A + P80	5700	1	63642557407
		F2309	Medium A + P80	5700	1	07660707431
		F2300	Medium A + P150	5700	1	63642557408
		F4402	Fine S + P150	5700	1	63642556741

SATINEX POLYURETHANE

APPLICATION	DIM DxTxB (mm)	CAP CODE	GRADE	MAX RPM	PK QTY	ART NO.
Blending / satin finishing	110x100x19	P2W01	Coarse	5700	1	63642557410

SATINEX RAPID STRIP

APPLICATION	DIM DxTxB (mm)	CAP CODE	GRADE	MAX RPM	PK QTY	ART NO.
Cleaning / corrosion removal	110x100x19	R4101	Extra Coarse (SiC)	5700	1	63642557184

SATINEX NON WOVEN

APPLICATION	DIM DxTxB (mm)	CAP CODE	GRADE	MAX RPM	PK QTY	ART NO.
Cleaning / blending / finishing	110x50x19	F2200	Coarse A	5700	2	69957336455
		F2316	Medium A Heavy Duty	5700	2	66261124067

SATINEX INTERLEAVED

APPLICATION	DIM DxTxB (mm)	CAP CODE	GRADE	MAX RPM	PK QTY	ART NO.
Blending / fine graining	110x50x19	F2200	Coarse A + P60	5700	2	66261180082

Dimensions Key: DIM = Dimensions, D = Diameter, T = Thickness, B = Bore
Other configurations and sizes are available

FLANGE MOUNTED
FLAP WHEELS

Flange mounted flap wheels have a continual rate of wear as they constantly expose new abrasive grains when in use. Ideal for sanding contours and uneven surfaces as they conform well to intricate shapes thanks to the flap construction. The product structure; abrasive flaps anchored by a resin core at the centre, provides great flexibility and very smooth surface finish. A consistent finish is always maintained due to the uniform cut rate, especially on aluminium and stainless steel parts where they can be used for blending, deburring, finishing applications in metal fabrication, welding and polishing.

Flange mounted flap wheels perform best at a recommended speed of 38-42m/s. At this speed, the abrasive flaps stand up straight due to the centrifugal force, where only the edges are in contact with the workpiece, optimising stock removal and surface finish whilst avoiding thermal load of the workpiece and tool wear.

METAL R207Plus +++

- The ultimate choice where superior finish is required or for low-pressure applications
- For universal use on steel and stainless steel, can also be used for paint removal and on plastic or wood
- Excellent cut rate, imparting a good finish on curves and contours
- The new generation of premium aluminium oxide grain provides aggressive cut and longer life

FERR. & NON FERR.

DIM DIAxWxB (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
150x25x25	80	2	63642546728	4800-5400
	120	2	63642546740	
150x50x25	40	1	66261140555	4800 - 5400
	60	1	63642546712	
	80	1	63642546729	
	120	1	66261140556	

Formerly BDX R207Plus

FLANGE MOUNTED FLAP WHEELS

DIM DIAxWxB (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
165x25x32	40	2	63642547170	4300 - 4900
	60	2	63642546711	
	80	2	63642546730	
	120	2	63642546742	
165x50x32	40	1	66261140608	4300 - 4900
	60	1	63642561961	
	80	1	63642546731	
	120	1	63642546743	
200x25x35	80	1	63642547175	3600 - 4000
	120	1	66261140611	
200x50x35	80	1	63642546732	3600-4000
	120	1	66261140614	
250x50x35	80	1	63642546733	2900-3200
	120	1	63642546745	

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width, B = Bore

MADE-TO-ORDER PRODUCT AVAILABILITY

FLW DIAMETER (mm)	25	30	40	50	80	100	Minimum order quantity
150	•	•	•	•	•	•	10pcs
165	•	•	•	•	•	•	10pcs
200	•	•	•	•	•	•	10pcs
250	•	•	•	•	•	•	10pcs
300	•	•	•	•	•	•	10pcs
355	•	•	•	•	•	•	10pcs

BEARTEX FLANGE MOUNTED FLAP WHEELS

Formed by mounting sheets of Beartex around a centre core. The tightly packed piece forms the spokes of a wheel. This construction makes flap wheels the most conformable of all Beartex wheels providing a cushioning action which is ideal for use on uneven or irregular surfaces, as well as flat areas.

BEARTEX FLAP WHEEL TYPES

1. NON-WOVEN FLAP WHEELS (standard for stock)
2. INTERLEAVED FLAP WHEELS (made-to-order)

Both in variable sizes with widths from 10 to 2000mm.
Available in a wide range of abrasive types, grits and densities for metal and woodworking.

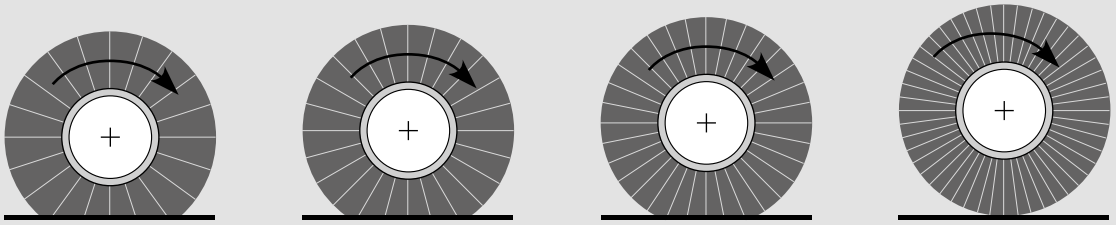
INTERLEAVED FLAP WHEELS

Interleaved wheels are more aggressive than standard Beartex, due to the coated abrasive flaps found inside the wheel. This creates a "firmer" wheel that provides a higher rate of cut. The ratio of coated flaps to non-woven flaps can be altered to suit particular applications.

Ideal for deburring and grain finishing on stainless steel.
Available in both spindle and flange mounted versions.
Flange mounted interleaved wheels can be shaped to match the profile, e.g: a wood moulding.

DENSITIES

The different densities facilitate a versatility ranging from soft cushioning pads to hard cleaning and finishing tools. The density of a wheel can be increased (hardened) by adding more flaps, as shown below:



SD: Soft density | MD: Medium density | HD: Hard density | HDEX: Extra Hard density

BEARTEX FLAP WHEEL APPLICATION GUIDE

SGA MCC	GRADE	MD	OLD QUALITY NAME	GRAIN TYPE	APPLICATION
F2212	Coarse A	DAB01	-	Aluminium Oxide	• Aggressive, very durable cutting capacity • Constant removal of material and corrosion
F2301/ F2312	Medium A	D0005	D05/DIS	Aluminium Oxide	• Specially made for stainless steel and aluminium • Matt satin finish
F2305	Medium A Heavy Duty	-	-	Aluminium Oxide	• Works faster with a coarser finish than F2301 • Higher durability with ability to withstand sharp edges • Specially engineered to avoid smearing
F2401/ F2412	Fine A	D0097	D97	Aluminium Oxide	• Fine matte satin finish on stainless steel • Defuzzing wood, scuffing paints and varnishes
F2402	Fine A	D0002	D02	Aluminium Oxide	• Use for all metals • Contains anti-smearing resin to reduce rework
F2501/ F2519	Very Fine A	D0091	D91	Aluminium Oxide	• Finishing all metals • Cleaning and removing oxide on soft metals
F4301	Medium S	D0054	D54	Silicon Carbide	• Semi bright satin finish on stainless steel • Surface preparation on aluminium before anodising
F4401	Fine S	D0071	D71	Silicon Carbide	• For stainless steel, aluminium and brass • Weld surface preparation • Wood, sanding of primer, scuffing paints and varnishes
F4501	Very Fine S	D0089	D89	Silicon Carbide	• Semi bright satin finish on aluminium, brass and precious metals • Wood, uniform finish, scuffing varnishes
F4601/ F4612	Ultra Fine S	D0098	D98	Silicon Carbide	• Light cleaning on metals • Light finishing on precious metals, scuffing varnishes
F4801	Micro Fine S	D0075	D75	Silicon Carbide	• Super finishing

BEARTEX FLANGE MOUNTED FLAP WHEELS +++

MEDIUM DENSITY

- The most conformable of all BearTex wheels. Ideal for use on contoured surfaces and parts with awkward geometry
- Gentle cushioning action achieves a consistent and uniform finish with no risk of gouging
- Suitable for a wide range of applications including corrosion removal, cleaning and surface finishing

FERR. & NON FERR.

DIM DxWxB (mm)	GRADE	CAP CODE	PK QTY	ART NO.
150x50x50	Coarse A	F2212	1	66261083026
	Medium A	F2312	1	66261082061
	Med A Heavy Duty	F2316	1	66261083074
	Fine A	F2412	1	66261083078
	Very Fine A	F2519	1	66261083082*
	Ultra Fine S	F4612	1	66261083084*
200x50x76	Coarse A	F2212	1	66261083027
	Medium A	F2301	1	63642588131
	Med A Heavy Duty	F2316	1	66261083075
	Fine A	F2412	1	66261083079
	Very Fine A	F2504	1	63642588137
	Very Fine S	F4501	1	63642588145

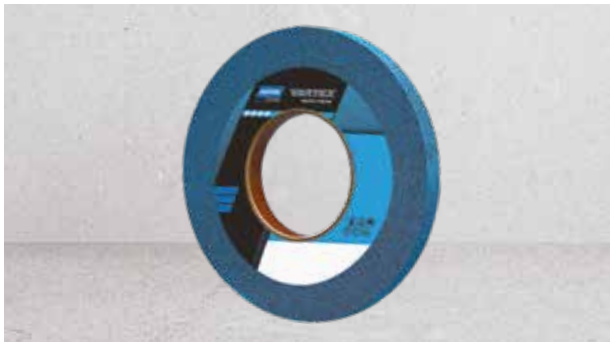
*Made-to-order. More sizes available Made-to-order. **Dimensions Key:** DIM = Dimensions, DIA = Diameter, W = Width, B = Bore

Refer to accessories section at the back of this catalogue for information on metal bushings. The catalogue includes details of all stock products but other options are available in various sizes, grades and densities using Norton's made to order facility. Please contact your local sales or customer service representative for more information.

RAPID FINISH CONVOLUTE WHEELS
FOR BENCH & PEDESTAL GRINDERS

Convolute wheels are formed by wrapping non-woven web material around a centre core and bonding the layers together to create an abrasive wheel. Wheels are available in different diameters, grades and densities for burr, flash and rust removal, reducing surface roughness, blending welds and scratch patterns on stainless steel, polishing welds and applying decorative finishes.

MADE-TO-ORDER SOLUTIONS



VORTEX RAPID FINISH

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- Aggressive, fast-cutting stock removal with excellent form holding
- Proprietary Vortex engineered grain and bond ensures a uniform finish throughout the entire wheel life
- Ideal for deburring, blending and finishing automotive gears and turbine engine components
- Provides a decorative finish on plumbing fixtures and can be used for metal finishing and weld blending during fabrication
- All Vortex convolute wheels are made to order

RAPID FINISH GP A/O & S/C

+++

- For general deburring, blending and finishing on metals, wood and glass
- Clean Bond™ resin technology prevents smearing and loading, even on soft metals
- Wheels have 10%-30% longer life and finish faster thanks to the new grain/bond configuration, reducing the need for wheel changes and increasing productivity
- Wheels can be used wet or dry

CONVOLUTE WHEELS FOR BENCH & PEDESTAL GRINDERS

RAPID FINISH DCS (OPEN MESH) +++

- Open mesh construction for blending, rust removal and applying decorative contrast finishes in low to moderate speed applications
- Silicon carbide abrasive for fine finishing with light pressure

DxWxB(mm)	GRADE	MCC	PK QTY	ART NO.
150x50x25	Fine	C4401	2	63642549645
	Medium	C4301	2	66261058510

RAPID FINISH DMA RED +++

- For light deburring, blending and final/decorative finishing
- Generates uniform satin and antique finishes
- Ideal for blending and finishing as well as surface preparation before buffing, polishing and applying decorative finishes

DxWxB (mm)	GRADE	MCC	DENSITY	PK QTY	ART NO.
150x25x25	Medium	C2303	5	3	66261007936
150x50x25	Medium	C2303	5	2	66261007957
200x25x76	Medium	C2303	5	3	66261007831
200x50x76	Medium	C2303	5	2	66261007904

RAPID FINISH LIGHT FINISHING +++

- For light deburring, blending, fine finishing and polishing applications
- Ideal for finishing parts with tight tolerances, without altering geometry
- Substantial extended wheel life in a soft, conformable wheel

DxWxB (mm)	REF CODE	ABR TYPE	GRADE	MCC	DENSITY	PK QTY	ART NO.
150x25x25	D16	SiC	Fine	C4411	6	3	66254403708
	D17	SiC	Fine	C4411	7	3	66254403709
	D18	SiC	Fine	C4411	8	3	66254421573
200x25x76	D16	SiC	Fine	C4411	6	3	66261095702
	D17	SiC	Fine	C4411	7	3	66254409924
	D18	SiC	Fine	C4411	8	3	66254421577*

Dimensions Key: D = Diameter, W = Width, B = Bore, T = Thickness, S = Spindle

* Made to order

RAPID FINISH SERIES 1000 LONG LIFE +++

- Ideal for general deburring, blending, finishing and polishing applications
- Starting point for deburring, blending, polishing and finishing applications
- Durable, long life construction with versatile application range, consistent cut rate and shed resistance
- Smear proof and cool cutting on light deburring applications

DxWxB (mm)	REF CODE	ABRASIVE TYPE	GRADE	MCC	DENSITY	PK QTY	ART NO.
150x10x25	D17	SiC	Fine	C4408	7	4	63642549767
150x12x25	D17	SiC	Fine	C4408	7	4	66261018628
	D17	Alox	Medium	C2308	7	4	66261018857
	D17	SiC	Medium	C4408	7	4	69957397880
	D18	SiC	Fine	C4408	8	4	66261018773
	D18	Alox	Medium	C2308	8	4	66261018789*
	D19	SiC	Fine	C4408	9	4	66261094584*
150x25x25	D16	Alox	Fine	C2406	6	3	66261055204
		Alox	Medium	C2308	6	3	66261055205*
		SiC	Medium	C4308	6	3	66261055202
150x25x25	D17	SiC	Fine	C4408	7	3	66261055223
	D18	SiC	Fine	C4408	8	3	66261018774
	D18	SiC	Medium	C4308	8	3	66261096033*
	D19	SiC	Fine	C4408	9	3	07660705227
	D19	SiC	Medium	C4308	9	3	66261055371
150x50x25	D17	Alox	Fine	C2406	7	2	66261008897*
200x20x76	D19	SiC	Medium	C4408	9	3	66261023567
200x25x76	D16	SiC	Fine	C4408	6	3	66261019693
			Medium	C4308	6	3	66261055208
	D17	Alox	Fine	C2406	7	3	69957352389
		SiC	Fine	C4408	7	3	66261018639
		Alox	Medium	C2308	7	3	66261055232
		SiC	Medium	C4308	7	3	69957394610
	D18	SiC	Fine	C4408	8	8	66261018775
200x25x76	D18	Alox	Medium	C2308	8	3	66261018855
	D18	SiC	Medium	C4308	8	3	66261018673
	D19	SiC	Fine	C4408	9	3	66261018641
	D19	SiC	Medium	C4308	9	3	66261018997
200x50x76	D16	SiC	Medium	C4308	6	2	66261055211
	D16	Alox	Fine	C2406	6	2	66261009252
		SiC	Fine	C4408	7	2	66261018877
		Alox	Medium	C2308	7	2	66261055235
	D18	SiC	Fine	C4408	8	2	66261019629
	D19	SiC	Fine	C4408	9	2	66261055276
250x12x127	D17	SiC	Fine	C4408	7	4	69957352396
	D18	SiC	Fine	C4408	8	4	66261019221*
		Alox	Medium	C2308	8	4	69957352395*
		SiC	Medium	C4308	8	4	66261019005
	D19	SiC	Fine	C4408	9	4	66261019222*
250x25x127	D18	Alox	Medium	C2308	8	4	69957352402

* Made to order

CONVOLUTE WHEELS FOR BENCH & PEDESTAL GRINDERS

RAPID FINISH SERIES 4000 +++

- For heavy deburring, edge breaking and removing parting lines on exotic metals
- The product of choice when edge and form holding are of primary importance

DxWxB (mm)	REF CODE	ABRASIVE TYPE	GRADE	MCC	DENSITY	PK QTY	ART NO.
150x12x25	D49	SiC	Fine	C4406	9	4	66261004021
150x25x25	D48	SiC	Fine	C4406	8	3	66261008658
		Alox	Medium	C2306	8	3	66261004208
200x25x76	D48	SiC	Fine	C4406	8	3	66261004123
		Alox	Medium	C2306	8	3	66261004165

BORE HOLE REDUCTION BUSHINGS

WHEEL BORE (mm)	SIZE OF REDUCED BORE WITH BUSHING (mm)	FOR WHEEL DIAMETER (mm)	PK QTY	ART NO.
25	10	100 to 150	2	66261080522*
	13	-	2	66261080523
	16	-	2	66261080524*
	20	-	2	66261080525*
	22	-	2	66261080526*
50	13	150 to 200	2	66261082442*
50	13	150	2	66261080527*
	16	-	2	66261080528
	25	-	2	66261080529*
	32	-	2	66261080530*
76	25	200	2	66261080531
	32	-	2	66261080532
	50	-	2	66261080514*
125	32	-	2	66261080534

Dimensions Key: D = Diameter, W = Width, B = Bore, T = Thickness, S = Spindle

* Made to order

UNDERSTANDING THE PRODUCT

FAMILY NAME	PRODUCT REFERENCE	DENSITY	ABRASIVE TYPE	GRADE	CAP CODE
VORTEX	VTX	7,8,9	Alox	Medium	C2312
GENERAL PURPOSE	GP	5,6,7,8,9	Alox	Medium	C2315
	GP	5,6,7,8,9	Alox	Fine	C2408
	GP	5,6,7,8,9	SiC	Medium	C4315
	GP	5,6,7,8,9	SiC	Fine	C4415
	GP	5,6,7,8,9	SiC	Very fine	C4515
DCS	DCS	4	SiC	Very fine	C4501
	DCS	4	SiC	Fine	C4401
	DCS	4	SiC	Medium	C4301
DSS	DSS	4	SiC	Medium	C4302
DSA	DSA	4	Alox	Medium	C2302
METAL FINISHING	DMA	5	Alox	Medium	C2303
SERIES 1000 LONG LIFE	D1 6 A LL	6,7,8,9	Alox	Medium	C2308
	D1 7 A LL	6,7,8,9	Alox	Medium	C2308
	D1 8 A LL	6,7,8,9	Alox	Medium	C2308
	D1 9 A LL	6,7,8,9	Alox	Medium	C2308
	D1 6 S LL	6,7,8,9	SiC	Fine	C4408
	D1 7 S LL	6,7,8,9	SiC	Fine	C4408
	D1 8 S LL	6,7,8,9	SiC	Medium	C4308
	D1 9 S LL	6,7,8,9	SiC	Medium	C4308
SERIES 4000	D4 8 A	8,9	Alox	Medium	C2306
	D4 8 S	8,9	SiC	Fine	C4406
	D4 9 S	8,9	SiC	Fine	C4406

RAPID STRIP WHEELS
FOR DIE GRINDERS

With their thick, strong synthetic fibres, extra coarse silicon carbide abrasive grain and open web construction, Rapid Strip wheels strip and clean fast, don't load or shred and last up to twice as long as other stripping products.

BLAZE RAPID STRIP WHEELS

+++++

- The best choice for removal of surface rust and residue, corrosion, light weld spatter, dirt, mill scale and other similar surface contaminants
- Blaze lasts 2x longer than competitor products thanks to the ceramic alumina long-lasting grain
- Leaves a thoroughly cleaned surface for subsequent processes such as coating, painting and soldering
- Extremely versatile; can withstand aggressive use, but soft enough to prevent gouging and rework
- Apply pressure to strip or remove coatings; use lighter pressure to finish like a surface finishing wheel

DxWxB (mm)	CAP CODE	PK QTY	MAX RPM	ART NO.
STANDARD				
100x13x12	R9101	25	8000	66623304856
150x13x12	R9101	15	8000	66261099378
200x13x12	R9102	5	4500	66623393517
SPINDLE MOUNTED WHEELS				
100x13x6	R9101	5	8000	66623378059
150x13x8	R9101	10	5500	66623334482

Dimensions Key: D = Diameter, W = Width, B = Bore, T = Thickness, S = Spindle

RAPID STRIP +++

- General purpose wheels for removing coatings such as varnish on wood, metal and plastics
- Nylon fibre, flexible resin and extra coarse grain combine to provide aggressive performance, long life and improved finish
- Leaves a thoroughly cleaned surface, ready for the next stage of the process; coating, painting or soldering
- Will not load on sticky coatings, adhesives, soft metals, will not snag or shed

DxWxB (mm)	CAP CODE	PK QTY	MAX RPM	ART NO.
STANDARD				
100x13x12	R4101	25	8000	63642585700
150x13x12	R4101	15	5500	63642585703
200x13x12	R4101	5	4500	63642585704
SPINDLE MOUNTED - STANDARD (1 WHEEL)				
75x13x6	R4101	10	10000	63642557741
100x13x6	R4101	10	8000	63642557742
150x13x8	R4101	10	6000	63642557743
SPINDLE MOUNTED - LARGE AREA (2 WHEELS GANGED)				
75x25x6	R4101	5	10000	63642557744*
100x25x6	R4101	5	8000	63642557745*
150x25x8	R4101	5	6000	63642557746*

* Made to order

MANDRELS STANDARD WHEELS

DISCS DxWxB (mm)	SPINDLE DIA (mm)	PK QTY	ART NO.
<150x13x12	6	1	07660707022
<200x13x12	8	1	07660707023

RAPID BLEND UNITISED WHEELS
FOR DIE GRINDERS

Unitised wheels are made from compressed and bonded layers of non-woven abrasive for maintenance operations where an efficient, cost effective solution is needed for deburring, polishing, cleaning and finishing composites. The uniform construction maintains part tolerance and prevents cutting and gouging. Rapid Blend can be used on a variety of shapes and contours; wheels hold their shape well and don't need to be dressed as often. Wheels are also non-metallic so won't contaminate the workpiece.

VORTEX RAPID BLEND CLOSED

++++

- For light weld bead and weld spatter removal, heavy deburring and finishing applications
- Proprietary engineered Vortex aluminium oxide aggregate grain provides aggressive, fast, stock removal, reduced cycle times, and increased part quality
- Reduces heat build-up on the workpiece which increases cut rate and helps the disc last up to 2x longer without shredding
- Special resin chemistry makes Vortex Rapid Blend ideal for deburring, even on sharp edges, without shedding or smearing

DxWxB (mm)	CAP CODE	GRADE	PK QTY	RPM	ART NO.
STANDARD					
50x6x6	U2305	VOR-7AM	60	22100	66261080270
75x3x6	U2305	VOR-5AM	40	18000	66261093448
	U2305	VOR-7AM	40	18000	66261191445
75x6x6	U2305	VOR-5AM	40	18000	66254414832
	U2305	VOR-7AM	40	18000	66261199696
75x13x6	U2305	VOR-7AM	20	18000	66261080267
125x6x22	U2305	VOR-5AM	20	9000	66254488602
150x6x25	U2305	VOR-5AM	8	7500	66254414167
	U2305	VOR-7AM	8	7500	66254407225
SPINDLE MOUNTED WHEELS					
150x13x8	U2305	3AM	10	8000	66623375067

Dimensions Key: D = Diameter, W = Width, B = Bore, T = Thickness, S = Spindle

RAPID BLEND NEX +++

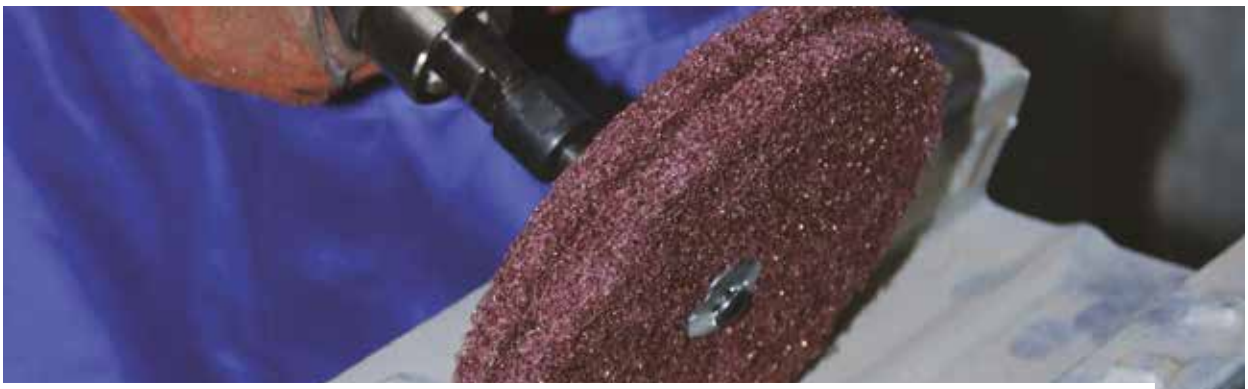
- Good choice for light deburring and blending
- Can be easily pre-formed for use on a wide variety of shapes/contours
- Imparts a bright finish on stainless steel with improved 2SF and 3SF light/soft density formulation
- Fine silicon carbide and flexible density unitised construction for a smooth controlled blending/finishing experience
- Excellent, consistent, smear-free finish

DxWxB (mm)	CAP CODE	GRADE	PK QTY	RPM	ART NO.
50x6x6	U4401	NEX-2SF	20	18000	63642585756
	U2401	NEX-4AF	20	22100	63642585755*
75x3x6	U2301	NEX-8AM	20	18100	63642585831
75x6x6	U2301	NEX-2AM	10	12100	63642585763*
	U4401	NEX-2SF	10	12100	63642585768
	U4401	NEX-3SF	10	12100	63642571113
	U2401	NEX-6AF	10	18100	63642585771
	U2301	NEX-6AM	10	18100	66261081929*
	U2301	NEX-8AM	10	18100	63642585774
125x6x22	U4401	NEX-2SF	20	6000	66254488603
	U4401	NEX-3SF	20	6000	66254489419
150x6x13	U2301	NEX-2AM	10	4500	66261019412
	U4401	NEX-2SF	10	7500	66261019416
	U4401	NEX-3SF	8	7500	66261016691
	U2301	NEX-6AM	10	7500	66261019414
150x6x25	U4401	NEX-2SF	8	7500	66261017050
	U4401	NEX-3SF	8	7500	66254489421
150x13x13	U2301	NEX-2AM	5	4500	63642585818
	U4401	NEX-2SF	5	7500	63642585812
	U4401	NEX-3SF	4	7500	66261015826
	U2401	NEX-4AF	5	7500	63642585815
	U2301	NEX-8AM	5	7500	63642585824
150x25x13	U2301	NEX-2AM	5	4500	69957350267
	U4401	NEX-2SF	5	5000	69957350272
	U2401	NEX-4AF	5	7500	69957350269
150x25x25	U2301	NEX-2AM	5	4500	63642585789*
	U4401	NEX-2SF	5	5000	63642585795
	U2401	NEX-4AF	5	7500	63642585792
200x25x25	U2301	NEX-2AM	5	3500	63642585796
	U4401	NEX-2SF	5	4000	63642585797

* Made to order

SMALL UNITISED WHEELS / BOBS +++

DxWxB (mm)	CAP CODE	GRADE	PK QTY	ART NO.
25x25x5	U4401	NEX 2SF	50	66261014883
25x25x5	U2301	NEX 6AM	50	66261014908
Use with threaded mandrel	-	-	1	66261077832



HIGH STRENGTH DISCS
FOR DIE GRINDERS

Made of a strong nylon web impregnated with abrasive grain and resin, BearTex high strength discs are designed for demanding applications on a wide range of materials. A general purpose product which produces a light satin finish.

Applications include rust/oxide or coating removal, pipe ID and OD polishing, casting cleaning, highlighting (antiquing), contaminant removal, removal of handling marks, gasket removal, cleaning and blending of surface imperfections, prepping prior to soldering, removal of filling materials, cleaning angles and odd shapes. Will not stretch or shed.

BEARTEX HIGH STRENGTH DISCS +++

- The new, improved specification means discs last longer and have better resistance to tearing when used on burrs and sharp edges
- Can be combined with multiple wheels to form a very flexible, durable wheel for use on bench or straight grinders
- Strong, smear-proof resin binders help produce light satin finishes
- Different sizes are available for mounting on bench grinders or portable die grinders using a mandrel

DxB (mm)	CAP CODE	GRADE	PK QTY	ART NO.
100x8	F2303	Medium	10	66254429562
150x12	F2303	Medium	10	77696087534
	F2506	Very fine	10	77696087535
200x12	F2303	Medium	10	77696087536
	F2506	Very fine	10	77696087537

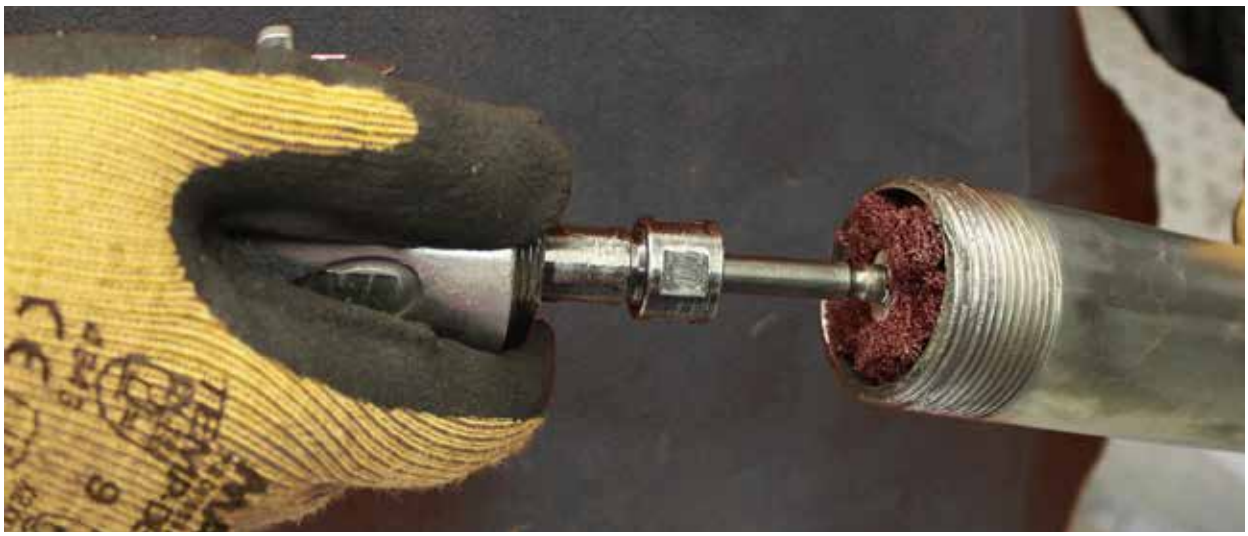
BEARTEX LAP MOPS +++

- Ideal for hard-to-reach areas and intricate shaped components
- Use with a mandrel

D (mm)	CAP CODE	GRADE	PK QTY	MAX RPM	ART NO.
150	F2520	Very fine	5	4000	07660707529*

Dimensions Key: D = Diameter, W = Width, B = Bore, T = Thickness, S = Spindle

* Made to order



HIGH-STRENGTH CROSS BUFFS +++

- Ideal for use on internal pipes and tubes
- For quick deburring and cleaning

DxT (mm)	GRADE	PK QTY	MAX RPM	ART NO.
38x13	Medium	100	18000 - 23000	08834189308
38x13	Very fine	100	18000 - 23000	08834189307
Mandrel MM32-4**	-	1	18000 - 23000	63642587136*

** Use Mandrel MM32-4 to mount 38mm Cross Buffs

* Made to order

MANDRELS FOR DIE GRINDERS

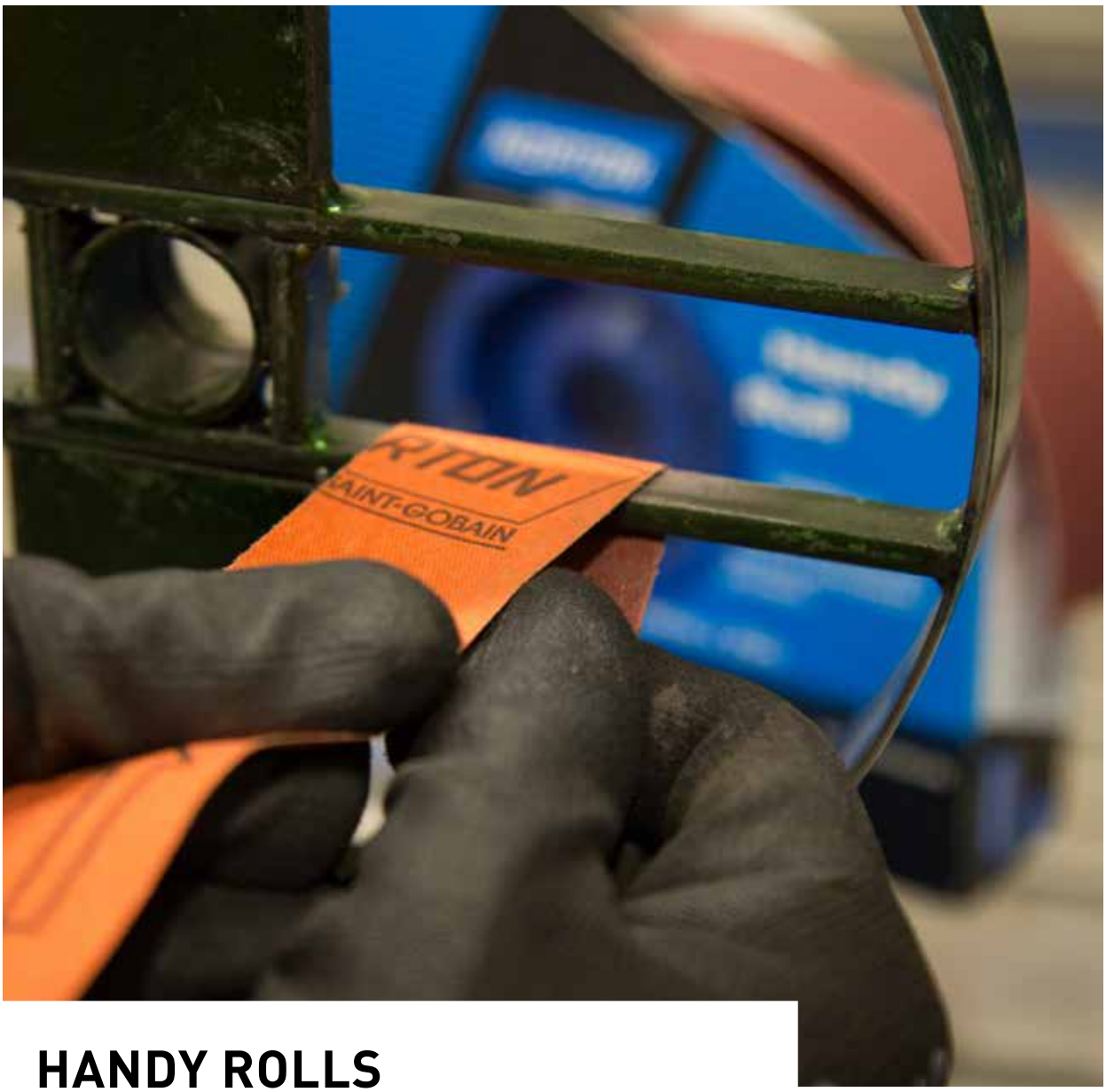
	LxSxW (mm)	FOR USE WITH WHEEL DIA (mm)	MAX USABLE WHEEL WIDTH (mm)	BORE HOLE DIA (mm)	PK QTY	ART NO.
MANDRELS WITH WASHERS						
RapidStrip/Plain discs	55x6x40	Up to 150	13	10 to 12	1	07660707022
RapidStrip/Plain discs/large dia Unitised wheels >150mm	55x8x38	Up to 200	13	10 to 13	1	07660707023
MANDRELS						
Unitised wheels	60x6	Up to 75	6	6 & 10	1	63642586234
Unitised wheels	75x6	Up to 75	6 to 12	6 & 10	1	63642586236
Unitised wheels	85x6	Up to 150	12 to 25	6	1	63642586239
THREADED MANDREL						
Unitised wheels/bobs	25x6	25	25	5	1	66261077832

Dimensions Key: L = Length, W = Width, B = Bore, S = Spindle

NOTES

ROLLS

Handy rolls 144
Paper & cloth rolls 148
Norton MeshPower rolls 153
Beartex rolls 154
Rotolo Foam rolls 156



HANDY ROLLS

Engineered for flexibility and fast cutting, cloth handy rolls tear cleanly and straight without shedding and are packed in a protective dispenser to eliminate waste and damage.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓
Suitable ○

MATERIALS / APPLICATIONS	R222	F2316	K20N
	+++++	++++	+++
General purpose (metal, wood, etc.)	✓✓	✓	○
Scouring and light deburring	✓✓	✓✓	✓
Scale and rust removal	✓	✓	✓✓
Blending and fine sanding	✓	✓✓	✓
Polishing lathe turnings, rolls and cylinders, and blending machine tool marks	✓	✓✓	○

R222 +++++

- Versatile aluminium oxide abrasive for hand sanding of wood and metal
- For general purpose maintenance applications, offers extra durability and even wear
- Flexible cotton backing ideal for sanding profiled surfaces and round steel parts
- Dispenser unit for easy storage and product protection

FERR. & NON FERR. | HARD & SOFT WOOD

DIM WxL (mm/m)	GRIT	PK QTY	ART NO.
25mmx25m	40	1	63642531849
	50	1	63642531850
	60	1	63642531823
	80	1	63642531820
	100	1	63642531815
	120	1	63642531811
	150	1	63642531808
	180	1	63642531805
	220	1	63642531802
	240	1	63642531799
	320	1	63642531796
	400	1	63642531793
	600	1	63642560206
38mmx25m	40	1	63642531828
	50	1	63642531826
	60	1	63642531824
	80	1	63642531821
	100	1	63642531817
	120	1	63642531812
	150	1	63642531809
	180	1	63642531806
	220	1	63642531803
	240	1	63642531800
	280	1	63642536425
	320	1	63642531797
	400	1	63642531794
	600	1	63642539150
50mmx25m	40	1	63642531829
	50	1	63642531827
	60	1	63642531825
	80	1	63642534758
	100	1	63642531818
	120	1	63642531814
	150	1	63642531810
	180	1	63642531807
	220	1	63642531804
	240	1	63642531801
	280	1	63642536426
	320	1	63642531798
	400	1	63642531795
	600	1	63642534757

SPEC CHECK

R222 handy rolls are designed for manual applications. The high flexibility of the cloth in combination with the wide grit range, from coarse to fine, provides an excellent tool for a variety of applications including deburring, rust removal and finishing metal.

Dimensions Key: DIM = Dimensions, W = Width, L = Length

K20N +++

THE AFFORDABLE CONSUMABLE FOR EVERYDAY USE

- Aluminium oxide grain for fast cut, good material removal and excellent price/performance ratio
- Good choice for small-volume metal and woodworking applications
- Superior conformability to flat and complex surfaces and better finishes
- Dispenser unit for easy storage and product protection

FERR. & NON FERR. HARD & SOFT WOOD

DIM WxL	GRIT	PK QTY	ART NO.
38mm x 25m	40	1	69957393819
	50	1	69957375534
	60	1	69957377802
	80	1	69957374796
	100	1	69957375075
	120	1	69957375074
	150	1	66261159485
	180	1	69957393824
	220	1	69957375532
	240	1	66261153914
50mm x 25m	40	1	69957378214
	50	1	69957372295
	60	1	69957373478
	80	1	69957375076
	100	1	69957374797
	120	1	69957393823
	150	1	69957377808
	180	1	66261153913
	220	1	69957377801
	240	1	69957375077

Dimensions Key: DIM = Dimensions, W = Width, L = Length

NON-WOVEN F2316 ++++

- Flexible 3D handpad material in roll form for for hand and machine use
- Complementary to R222 and K20N handy rolls, for finishing
- Premium aluminium oxide grain gives a performance boost, cleaning, blending deburring and finishing in record time
- Ideal to access awkward corners and recesses

FERR. & NON FERR.

DIM WxL (mm/m)	GRADE	CAP CODE	PK QTY	ART NO.
38mm x 5m	F2316 Heavy Duty MED A	F2316	1	66261129709

PAPER & CLOTH ROLLS

Coated abrasive rolls are ideal for fast easy sanding, light deburring and polishing of wood, paint, metal and plaster, rust and scale. They can be torn to exact lengths as needed.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓
Suitable ○

	PAPER ROLLS			CLOTH ROLLS	
MATERIALS / APPLICATIONS	H231 Strong F-Weight paper	A275 Fibre-reinforced latex, B-weight paper	G131F E-weight backing	R222 Flexible J-weight cotton cloth	K20N J-weight cotton cloth
	+++++	++++	+++	+++++	+++
Metal	✓			✓✓	○
Wood	✓✓	✓	○		
Primer / paint / varnish	✓	✓✓	○		

H231 +++++

- Aluminium oxide grain for long life
- Open grain distribution and anti-static properties help reduce clogging
- Premium product for all types of wood and also suitable for surface finishing on metal
- Minimise dust when used with an appropriate extraction system

NON FERR. PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIM WxL (mm/m)	GRIT	PK QTY	ART NO.
120mm x 50m	60	1	63642539189
	80	1	63642539187
	120	1	63642539183
	150	1	63642539181
	180	1	63642546049

SPEC CHECK

Grinding non-conductive materials, such as wood, creates electrical charges in the abrasive that causes adhesion of the grinding dust to the abrasive. The anti-static properties of H231 ground the electrical charge though the coated abrasive and the machine preventing this adhesion, reducing clogging and longer product life.

NORTON PRO A275 ++++

- Premium heat-treated aluminium oxide abrasive blend for long life and fast cut rate
- Suitable for use on primer, paint filler and coating sanding (for automotive and transport applications) and wood
- Tear resistant fibre-reinforced latex for wet or dry sanding
- No-Fil® anti-loading third layer for better finish, loading resistance and extended life

NON FERR. PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIM WxL (mm/m)	GRIT	PK QTY	ART NO.
100mm x 50m	80	2	63642591122
	120	2	63642591123
	150	2	69957391073
	180	2	63642591124
	220	2	63642590924
	240	2	63642590927
	320	2	63642591649
115mm x 50m	80	2	69957380739
	120	2	69957380761
	150	2	69957380765
	180	2	69957380767
	220	2	69957380769
	240	2	69957380777
	280	2	69957380778
	320	2	69957380779
	400	2	69957380781
	500	2	69957396696

PAPER ROLLS

G131F +++

- Aluminium oxide grain for fast cut, good material removal and excellent price/ performance ratio
- Versatile product for wood and plaster sanding
- Responsibly sourced, made with FSC mix certified paper backing
- Wide make-to-order availability

PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIM WxL (mm/m)	GRIT	PK QTY	ART NO.
93mm x 50m	60	2	66623372547
	80	2	66623372548
	100	2	66623372549
	120	2	66623372550
100mm x 50m	40	2	66623372536
	60	2	66623372537
	80	2	66623372538
	100	2	66623372539
	120	2	66623372540
115mm x 50m	40	2	66623372551
	60	2	66623372204
	80	2	66623372535
	100	2	66623372552
	120	2	66623372545
	150	2	66623372205
	180	2	66623372558
	220	2	66623372554
120mm x 50m	40	2	66623372542
	60	2	66623372543
	80	2	66623372553
	100	2	66623372541
	120	2	66623372544
	150	2	66623372556
	180	2	66623372559

Dimensions Key: DIM = Dimensions, W = Width, L = Length

FSC

FSC® CERTIFICATION

Utilising responsibly sourced material and preserving natural resources is a high priority, look out for the FSC® logo next to products manufactured using FSC® certified paper.

R222 +++++

- Versatile aluminium oxide abrasive for hand sanding and handheld machine sanding
- For general purpose maintenance applications, offers extra durability and even wear
- Flexible cotton backing ideal for sanding profiled surfaces and round steel parts
- Long life in wood and metal applications

NON FERR. PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIM WxL (mm/m)	GRIT	PK QTY	ART NO.
50mm x 50m	40	5	63642512909
	60	5	63642540086
	80	5	63642539135
	100	5	63642539136
	120	5	63642559727
	150	5	63642539208
	180	5	63642539137
	220	5	63642512916
	240	5	63642512917
	320	5	63642512918
	400	5	63642512919
100mm x 50m	40	1	63642536559
	60	1	63642560979
	80	1	63642531852
	100	1	63642531854
	120	1	63642531855
	150	1	63642545861
	180	1	63642531856
	240	1	63642531857
	320	1	63642545865
	400	1	63642545867
430mm x 50m	60	1	63642539142
	80	1	63642539143
	120	1	63642539145
	150	1	63642539146
	180	1	63642539147

CLOTH ROLLS

K20N +++

- Aluminium oxide grain for fast cut, good material removal and excellent price/ performance ratio
- Ideal for general purpose maintenance applications

FERR. & NON FERR. HARD & SOFT WOOD

DIM WxL (mm/m)	GRIT	PK QTY	ART NO.
50mm x 50m	40	5	69957376895
	60	5	69957380137
	80	5	69957377805
	100	5	69957376896
	120	5	69957372227
	150	5	69957377807
	180	5	69957378218
	220	5	69957380131
	240	5	69957377806
100mm x 50m	40	1	69957375533
	60	1	69957375535
	80	1	69957375536
	100	1	69957375528
	120	1	69957375529
	150	1	69957375530
	180	1	69957375531
	240	1	69957380132
120mm x 50m	40	1	69957374543
	60	1	66261060811
	80	1	69957374544
	120	1	69957374546
	180	1	66261060812

Dimensions Key:
DIM = Dimensions,
W = Width,
L = Length

MADE-TO-ORDER PRODUCT AVAILABILITY

PRODUCT	BACKING	24	36	40	60	80	100	120	150	180	220	240	280	320	400	600	800
R222	Flexible J-weight cotton cloth		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
R309*	Super flexible cotton cloth				•	•	•	•	•	•	•	•	•	•	•		
H231	Strong F-Weight paper		•	•	•	•	•	•	•	•	•	•	•	•	•		
R817*	Heavy polyester cloth	•	•	•	•	•	•										
A275	Fibre-reinforced latex, B-weight paper					•	•	•	•	•	•	•	•	•	•	•	•
K20N	J-weight cotton cloth			•	•	•	•	•	•	•	•	•					
G131F	E-weight backing			•	•	•	•	•	•	•	•						

*Made to order

MINIMUM ORDER QUANTITIES FOR MADE TO ORDER ITEMS (50m LONG)

DIMENSIONS (mm)	MINIMUM ORDER QUANTITY
Up to 25mm	20 pieces
26 up to 50mm	12 pieces
51 up to100mm	4 pieces
101 up to 200mm	2 pieces
Over 201mm	1 piece

NORTON MESHPOWER ROLLS

Norton MeshPower is a multifunctional abrasive, designed with thousands of holes, created by the unique mesh matrix structure. This hole structure allows dust extraction in any application.

- Mesh backing enables excellent dust extraction, for a cleaner working environment and less clean up time
- No-Fil® technology prevents clogging for longer product life
- Can be used wet or dry
- Self-grip backing for a quick and easy change
- Can be used on many materials, flat and contoured surfaces, by hand or machine
- No defined hole pattern for fast, easy alignment with the back-up pad
- Easy to identify product type by grain colour

NEW MESHPOWER ROLLS CERAMIC +++++

DIMENSIONS	GRIT	PK QTY	ART NO.
75 x 10 m	60 *NEW*	1	78072712625
	80	1	69957326171
	120	1	69957326176
	180	1	69957326178
	240	1	69957326179
	320	1	69957326182
115 x 10m	60 *NEW*	1	78072712624
	80	1	69957326269
	120	1	69957326270
	180	1	69957326271
	240	1	69957326272
	320	1	69957326273

CERAMIC ADVANTAGE

CERAMIC ADVANTAGE

Ceramic grain provides the ultimate material removal, best productivity, longest life and finest finish.

BEARTEX ROLLS

BearTex non-woven rolls are ideal for a broad range of applications from cleaning and finishing to deburring and light polishing operations. The flexibility of BearTex products ensures constant contact with the surface and prevents cutting or gouging when working.

Rolls can be cut to the required size and folded to suit any application.

BEARTEX SLIT ROLLS +++

- Flexible 3D handpad material in roll form for hand and machine use
- Conforms to contours of work surface and provides a uniform finish
- Long life with resilient construction
- Ideal for blending and finishing applications on a variety of substrates

DIM WxL (mm x m)	GRADE	CAP CODE	PK QTY	ART NO.
100mm x 10m	Medium A	F2300	2	63642557499
	NEW Heavy Duty MED A	F2316	2	66261106168
	Fine A	F2401	2	66261018300
	Very Fine A	F2560	2	63642557738
	Very Fine A Long Life	F2504	2	66261018301
	Micro Fine A	F2801	2	63642557500
	Ultra Fine S	F4660	2	63642557501
115mm x 10m	Very Fine A	F2560	2	63642557739
	Very Fine A Long Life	F2504	2	63642587694
	Ultra Fine S	F4660	2	63642557503
120mm x 10m	General Purpose	F2568	2	63642515571

DIM WxL (mm x m)	GRADE	CAP CODE	PK QTY	ART NO.
125mm x 10m	Medium A	F2300	2	63642557504
	Fine A	F2401	2	66261018307
	Very Fine A	F2560	2	63642557740
	Very Fine A Long Life	F2504	2	66261018308
	Micro Fine A	F2801	2	63642557505*
	Ultra Fine S	F4660	2	63642557506
150mm x 10m	Medium A	F2300	2	63642557507
	NEW Heavy Duty MED A	F2316	2	66261106011
	Very Fine A	F2504	2	66261018312
	Ultra Fine S	F4660	2	63642557508*

*Made-to-order

BEARTEX ROTOLO ROLLS PRE-CUT +++

- Ideal storage and space saver with self dispensing function
- Rotolo rolls pre-cut every 150mm for easy pad size use
- Thinner web (Thinflex version) cuts faster, saves time, with no added effort from the user. Product can be scrunched, rolled and saves shelf space

DIM WxL (mm x m)	GRADE	CAP CODE	PK QTY	ART NO.
BEARTEX				
115mm x 10m	Very Fine A	F2504	1	77696009598
	Ultra Fine S	F4807	1	77696042071
	NEW Micro Fine A	F2802	1	66261124481
	NEW White	F0001	1	66261124480
THINFLEX				
115mm x 10m	Very Fine A	F2504	1	77696042073
	Ultra Fine S	F4807	1	77696042075

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width

ROTOLO FOAM ROLLS

The special flexible and conforming foam backing allows a very good distribution of sanding pressure preventing over sanding and are ideal for fine sanding on round edges, contours and curves, providing an outstanding finish on primers and top coats. Rotolo Foam rolls are pre-perforated for easy handling by tearing cut sheets out of dispenser box.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

MATERIALS	NORTON PRO A275	GOLD RESERVE A296
	++++	+++
Metal - fine sanding	✓✓	✓
Wood - fine sanding	✓✓	✓
Filler	✓✓	✓
Varnish / paint / primer	✓✓	✓
Composites /coatings	✓✓	✓

NORTON PRO A275 ++++

- Premium aluminium oxide foam rolls are water-resistant, for dry or wet sanding. Washable
- 25m long roll of pre-cut sheets, easy to use and economic
- Excellent for fine sanding with high finishing level
- Ideal for use on round edges, contours and curves without breaking through the paint surface

FERR. & NON FERR. | PAINT/VARN, HARD WOOD & SOFT WOOD

DIM WxL (mm x m)	GRIT	COLOUR	PK QTY	ART NO.
115mm x 25m	120	Apple Green	2	63642535316
	150	Orange	2	63642557584
	180	Purple	2	63642557599
	220	Red	2	63642557600
	240	Electric Blue	2	63642557602
	280	Grey	2	63642557604
	320	Salmon	2	63642557606
	360	Pink	2	63642557607
	400	Yellow	2	63642557608
	500	Dark Blue	2	63642557611
	600	Fuchsia	2	63642557612
	800	Turquoise	2	63642557613
	1000	White	2	63642557616
	1500	Green	2	63642557617

GOLD RESERVE A296 +++

- Tough aluminium oxide grain produces a quick and cool cut
- Strong B weight latex / paper backing resists tearing
- Conformable and flexible
- Water-based, non-loading stearate, resists loading

FERR. & NON FERR. | PAINT/VARN. & HARD WOOD

DIM WxL (mm x m)	GRIT	PK QTY	ART NO.
115mm x 25m	240	2	66261097596
	280	2	66261097597
	320	2	66261097598
	400	2	66261097599
	500	2	66261097600
	600	2	66261097601
	800	2	66261097602

See the Norton Automotive Aftermarket catalogue for extended offer of A296 Rotolo Foam rolls

Dimensions Key: DIM = Dimensions, W = Width, L = Length

SPEC CHECK

Box labels are colour coded by grit size for easy product recognition.
The colour-coding follows the Norton Pro grit colour-coding system

NOTES

NORTON®

SAINT-GOBAIN

COATED ABRASIVES

SHEETS & SPONGES

Cut sheets	160	Norton MeshPower	161
Sheets and hand pads	165	Beartex sheets and hand pads	169
		Abrasive sponges	171

CUT SHEETS
FOR SANDING BLOCKS

Norton offers a full range of cut sheets for hand and machine use, providing a range of efficient, user-friendly abrasive solutions. The extended range of dimensions and grits complies with all commonly encountered applications.

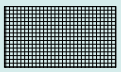
PRODUCT SELECTION GUIDE CUT SHEETS

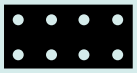
Highly recommended ✓✓
Recommended ✓
Suitable ○

		MESH CUT SHEETS		PAPER CUT SHEETS		
MATERIAL	APPLICATION	NORTON MESHPOWER CERAMIC M920	NORTON MESHPOWER ALOX M220	NORTON PRO PLUS A975	NORTON PRO A275	G131F
		+++++	++++	+++++	++++	+++
Metal	Coarse sanding	○				✓
	Finishing	○				✓
Hard Wood	Coarse sanding	✓✓	✓		○	✓
	Finishing	✓✓	✓	✓✓	✓	✓
Soft Wood	Coarse sanding		✓✓		✓	✓
	Finishing		✓✓	✓✓	✓	✓
Filler	Aluminium/Metal	✓✓	✓	✓	✓	○
	Polyester	✓✓	✓	✓✓		○
Varnish / Paint / Primer	Coarse sanding	✓✓	✓		✓✓	○
	Finishing	✓✓	✓	✓✓	✓	○
Composites / Coatings	Sanding	✓✓	✓	✓✓	✓	○
	Finishing	✓✓	✓	✓✓	✓	○
Plaster	Coarse sanding		✓✓			✓✓
	Finishing		✓✓		✓✓	✓

HOLE PATTERNS FOR CUT SHEETS

Norton offers a range of cut sheets with different hole patterns for dust extraction. Other hole patterns available on request.


70 × 125mm
MeshPower


80 × 133mm
8 holes ø 10mm

115 × 280mm
with no holes

NORTON MESHPOWER SHEETS

An alternative to traditional perforated paper sheets, Norton MeshPower is a multifunctional abrasive, designed with thousands of holes, created by the unique mesh matrix structure. This hole structure allows dust extraction in any application.

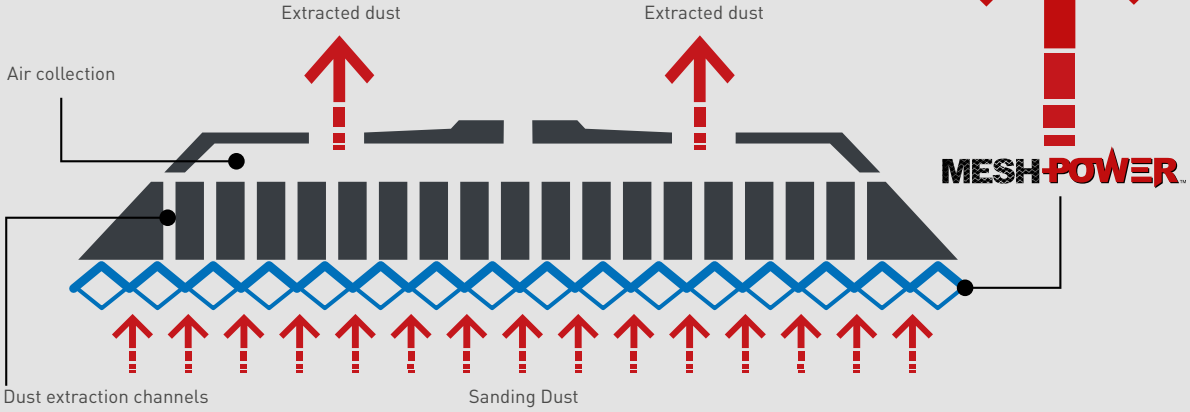
- Mesh backing enables excellent dust extraction, for a cleaner working environment and less clean up time
- No-Fil® technology prevents clogging for longer product life
- Can be used wet or dry
- Self-grip backing for a quick and easy sheet change
- Can be used on many materials, flat and contoured surfaces, by hand or machine
- No defined hole pattern for fast, easy alignment with the back-up pad
- Easy to identify product type by grain colour

YouTube
Norton MeshPower

POWERFUL DUST EXTRACTION MEANS A CLEANER ENVIRONMENT

The demand for a cleaner working environment, better quality finish and reduced consumable cost, means sanding solutions have evolved, from paper backed abrasive to a mesh construction with thousands of tiny holes.

Norton MeshPower responds to these demands by offering dust extraction in many operations. The open mesh construction of the backing allows dust particles to flow freely through thousands of tiny holes, creating a virtually dust free sanding environment. Better for your health, better for your application and better for your business!

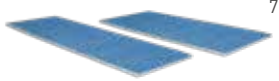


CUT SHEETS FOR SANDING BLOCKS

CERAMIC ADVANTAGE

Ceramic grain provides the ultimate material removal, best productivity, longest life and finest finish.

NEW MESHPOWER CUT SHEETS M920 CERAMIC +++++



DIM WxL (mm)	GRIT	PK QTY	ART NO.
70x125	80	50	69957325770
	120	50	69957325772
	180	50	69957325773
	240	50	69957325774
	320	50	69957325775
70x198	80	50	69957325962
	120	50	69957325963
	180	50	69957325964
	240	50	69957325965
	320	50	69957325966
70x420	80	50	69957325986
	120	50	69957325987
	180	50	69957325988
	240	50	69957325990
	320	50	69957325991
115x230	80	50	69957326057
	120	50	69957326062
	180	50	69957326063
	240	50	69957326065
	320	50	69957326068

NEW MESHPOWER CUT SHEETS M220 ALUMINIUM OXIDE ++++

DIM WxL (mm)	GRIT	PK QTY	ART NO.
70x198	80	50	69957326280
	120	50	69957326281
	180	50	69957326283
	240	50	69957326285
	320	50	69957326286
70x420	80	50	69957326288
	120	50	69957326289
	180	50	69957326291
	240	50	69957326292
	320	50	69957326294

NORTON PRO PLUS A975 +++++

- Norton SG ceramic grain blended with heat treated aluminium oxide abrasive for the highest cut rate
- Extra durability and even wear, ideal for large surface areas
- Higher and faster cut rate with uniform scratch pattern
- Resists clogging during use thanks to the No-Fil® stearate layer

NON FERR. | PAINT/VARN, HARD WOOD

DIM WxL (mm)	GRIT	PK QTY	ART NO.
80 x 133	80	25	66261087406
	120	25	66261087411
	180	25	66261187577
	240	25	66254478608
	320	25	66254478614
	400	25	66254478617

NORTON PRO A275 ++++

- Premium, heat-treated aluminium oxide abrasive for fast cut rate and improved performance
- The water based No-Fil® resists loading
- Universal cut sheet for multiple applications
- Unique fibre-reinforced latex paper for additional flexibility and tear resistance

NON FERR. | PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIM WxL (mm)	GRIT	PK QTY	ART NO.
70 x 125	80	50	63642558002
	100	50	63642585263
	120	50	63642585272
	150	50	63642558005
	180	50	63642585274
	220	50	63642585281
	240	50	63642585284
	320	50	63642558006

Dimensions Key: DIM = Dimensions, W = Width, L = Length

G131F +++

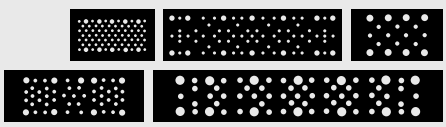
- Aluminium oxide grain for fast cut, good material removal and excellent price/ performance ratio
- Versatile product for wood and plaster sanding
- Made with FSC mix certified paper backing
- Wide made-to-order availability

FSC | HARD WOOD & SOFT WOOD

DIM W x L (mm)	GRIT	PK QTY	ART NO.
115 x 280	40	50	66623372533
	80	50	66623372576
	120	50	66623372581
	180	50	66623372579

Dimensions Key: DIM = Dimensions, W = Width, L = Length

SEE THE NORTON AUTOMOTIVE AFTERMARKET CATALOGUE FOR
A975 & H835 MULTIAIR CUT SHEETS
Other sizes available on request.



CUT SHEETS FOR SANDING BLOCKS

MADE-TO-ORDER PRODUCT AVAILABILITY

PRODUCT / GRIT	36	40	60	80	120	150	180	220	240	280	320	400	500	600	800
MESHPOWER M920 CERAMIC				•	•		•		•		•				
MESHPOWER M220 ALOX				•	•		•		•		•				
NORTON PRO PLUS A975				•	•	•	•	•	•	•	•	•	•	•	•
BLUE FIRE NORZON H835F*		•	•	•	•		•								
NORTON PRO A275				•	•	•	•	•	•	•	•	•	•	•	•
H231*	•	•	•	•	•	•	•		•		•				
G131F		•	•	•	•	•	•								

• Available as make to order

HOLE PATTERNS FOR CUT SHEETS AVAILABLE AS MTO

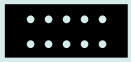
Other sizes and hole patterns available on request

115 × 280mm
14 holes ø 10mm

93 × 180mm
8 holes ø 10mm

93 × 230mm
8 holes ø 10 mm

70 x 125mm


115 × 230mm
10 holes ø 10mm

93 × 230mm
8 holes ø 10 mm

115 × 280mm
10 holes ø 10mm

Delta 98 x 148 mm
7 holes ø 10 mm

Delta ø 96 mm
6 holes ø 8 mm
on hole circle ø 52 mm

MINIMUM ORDER QUANTITY

DIAMETER (mm)	MINIMUM ORDER QUANTITY
80 x 133	1000 pieces
93 x 180	1000 pieces
93 x 230	1000 pieces
115 x 230	1000 pieces
115 x 280	1000 pieces
Delta 96mm	2000 pieces
Delta 98 x 148	1000 pieces

FSC® CERTIFICATION

Utilising responsibly sourced material and preserving natural resources is a high priority, look out for the FSC® logo next to products manufactured using FSC® certified paper.

SHEETS & HAND PADS
FOR HAND SANDING

Norton offers a comprehensive range of paper, cloth and waterproof sheets for manual applications, used in all commonly encountered industrial applications.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

		CLOTH SHEETS		PAPER SHEETS	WATERPROOF SHEETS	
MATERIAL	APPLICATION	R222	K20N	NORTON PRO A275	T489	T100
		+++++	+++	++++	++++	+++
Metal	Wet sanding				✓✓	✓
	Dry sanding	✓✓	✓			
Hard wood	Coarse sanding	✓✓	✓			
	Light sanding & finishing			✓✓		
Varnish / paint / primer	Wet sanding				✓✓	✓
	Dry sanding			✓✓		

More products available in the Norton Automotive Aftermarket catalogue

SHEETS & HAND PADS FOR HAND SANDING

R222 CLOTH SHEETS +++++

- Aluminium oxide abrasive
- Highly flexible J-weight cloth backing for use on curves and contours
- High quality universal product
- Tears cleanly and easily

FERR.& NON FERR. | PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIM WxL (mm)	GRIT	PK QTY	ART NO.
230 x 280	40	25	63642531776
	50	25	63642531777
	60	25	63642531778
	80	50	63642531779
	100	50	63642531780
	120	50	63642531781
	150	50	63642531782
	180	50	63642531783
	220	50	63642531785
	240	50	63642531786
	280	50	63642531788
	320	50	63642531789
	400	50	63642531790
	600	50	63642534613

K20N CLOTH SHEETS +++

- Aluminium oxide abrasive for aggressive cutting action on all dry sanding applications
- Heavy and light duty hand sanding depending on grit
- For use on wood and metal (rust removal to light finishing)
- Excellent price / performance ratio

FERR.& NON FERR. | PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIM WxL (mm)	GRIT	PK QTY	ART NO.
230 x 280	40	50	69957307652
	60	50	69957307653
	80	50	69957307655
	100	50	69957307659
	120	50	69957307661
	150	50	69957307663
	180	50	69957307668
	220	50	69957307669
	240	50	69957307671

Dimensions Key: DIM = Dimensions, W = Width, L = Length

NORTON PRO A275 PAPER SHEETS ++++

- Premium, aluminium oxide abrasive for fast cut rate and improved performance
- The water based No-Fil® improves resistance to clogging
- Faster cut rate and longer life
- Unique fibre-reinforced latex paper for additional flexibility and tear resistance

PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD

DIM WxL (mm)	GRIT	PK QTY	ART NO.
230 x 280	80	50	63642558015
	100	50	63642585256
	120	100	63642558016
	150	100	63642586145
	180	100	63642558017
	220	100	63642586139
	240	100	63642558018
	280	100	63642585742
	320	100	63642586132
	360	100	63642586133
	400	100	63642586134
	500	100	63642586136
	600	100	63642586137
	800	100	63642586138

Dimensions Key: DIM = Dimensions, W = Width, L = Length

T489 WATERPROOF SHEETS ++++

- Extremely sharp silicon carbide grain for hard and tough surfaces
- Flexible backing for improved conformability to workpiece
- For use on lacquer, paint, metal, glass, stone, marble and plastic
- Waterproof paper backing for wet and dry sanding

FERR. & NON FERR. | PAINT/ VARN | STONE

DIM WxL (mm)	GRIT	PK QTY	ART NO.
230 x 280	60	50	63642532956
	80	50	63642532988
	100	50	63642532989
	120	50	63642532990
	150	50	63642532991
	180	50	63642532957
	220	50	63642532992
	240	50	63642532993
	280	50	63642532994
	320	50	63642532995
	360	50	63642532996
	400	50	63642532997
	500	50	63642532998
	600	50	63642532999
	800	50	63642533000
	1000	50	63642533001
	1200	50	63642533002

SHEETS & HAND PADS FOR HAND SANDING

T100 WATERPROOF SHEETS +++

- Aluminium oxide abrasive
- Waterproof paper backing for wet and dry sanding
- Multi-purpose product
- Excellent price / performance ratio

FERR. & NON FERR. PAINT/ VARN

DIM WxL (mm): 230 x 280

GRIT	PK QTY	ART NO.
60	50	77696081101
80	50	77696069788
100	50	77696081102
120	50	77696081103
150	50	77696081104
180	50	77696081105
220	50	77696069787
240	50	77696081106
280	50	77696081107
320	50	77696069784
360	50	77696081108
400	50	77696081109
500	50	77696081110
600	50	77696081111
800	50	77696081112
1000	50	77696081113
1200	50	77696081114
1500	50	63642531009

BEARTEX SHEETS &HAND PADS

Hand pads are ideal for a broad range of applications from cleaning and finishing to deburring and light polishing operations. The flexibility of Beartex products ensures constant contact with the surface and prevents cutting or gouging when working. Can be folded to suit hand / shape. Perforated pads for clean and easy tearing also available. These perforations allow for smooth, shred free split to create two smaller, easy to use 115mm x 150mm pads

BEARTEX HAND PADS +++

- Open mesh construction resists clogging
- Flexible, conforms to curves, contours and tight spaces easily, will not break
- Waterproof, washable and reusable
- Lasts longer than standard sandpaper and will not gouge the workpiece when used

	DIM W x L (mm)	GRADE	CAP CODE	PK QTY	ART NO.
HAND PADS					
	150x230	Extra Cut A	F2302	20	63642557491
		Heavy Duty	F2316	20	63642577268
		Medium A	F2300	20	63642557493
		Fine A	F2401	20	66261018286
		Very Fine A Long Life	F2504	20	66261018287
		Gen. Purpose Clean & Scour A	F2568	20	63642574103
		Medium S	F4300	20	66261039806
		Ultra Fine S	F4807	20	77696046252
		Micro Fine A	F2801	20	63642557277
		White Cleaning (Non Abrasive)	F0001	20	66261018283
	230x280	Very Fine A Long Life	F2504	20	66261018291
		Ultra Fine S	F4807	20	66261018292
PERFORATED HAND PADS (PRE-CUT)					
	150x230	Very Fine A Long Life	F2504	20	66261018293
		Ultra Fine S	F4807	20	66261018294

SHEETS & HAND PADS FOR HAND SANDING

THIN FLEX HAND PADS +++

- Thinner special coated web design cuts fast and saves time
- Ultra flexible so conforms even better to contoured surfaces for an ultra consistent scratch pattern
- Ideal for getting into tight spaces as pads can be scrunched and rolled
- Advanced web formation provides superior grain adhesion, durability and product life
- Ideal for woodworking, metalworking, maintenance operations as well as car body repair

	DIM WxL (mm)	GRADE	CAP CODE	PK QTY	ART NO.
	115x230	Very fine A long life	F2543	4x25	63642506166
		Ultra fine S	F4614	4x25	63642506167
		Micro fine A	F2804	10x10	66261113519

Dimensions Key: DIM = Dimensions, W = Width, L = Length

PRODUCT SELECTION GUIDE

CAP CODE	GRADE	ABRASIVE	TARGET MATERIAL	APPLICATION	BENEFITS
HAND PADS (IN ORDER OF DECREASING AGGRESSIVENESS)					
F2316	Extra cut	Aluminium oxide	Stainless steel	• Rust removal • Blending • Deburring • Bluing removal	• Aggressive and durable • Long life • Ideal replacement for coated abrasive steel wool and wire brushes
F2300	Medium	Aluminium oxide	Metals and ceramics	• Cleaning, deburring • Rust removal • Coating removal	• Strong and open construction • Resists loading • Long life • Ideal for achieving a matte satin finish
F2401	Fine	Aluminium oxide	Wood and plastics	• Cleaning and Intermediate finishing of ferrous and non-ferrous metals • Defuzzing wood, denibbing lacquers, paints and plastic	• Coarser and stiffer than very fine pad • Ideal for achieving a matte satin finish
F2560/ F2529	Very fine	Aluminium oxide	General purpose	• Rust removal • Automotive primer keying • Defuzzing wood, denibbing plastic	• Conforms well to contoured surfaces • Excellent finish on a wide variety of surfaces
F2504	Very fine (long life)	Aluminium oxide	General purpose	• Rust removal • Automotive primer keying • Defuzzing wood, denibbing plastic, • Light sanding of old paint and new primers	• Moderate flexibility • Fast initial cut • Long life • No colour blend when used with solvents
F2568	Gen. purpose clean & scour	Alumina silicate	Metals and plastics	• General purpose cleaning, surface preparation prior to painting • Removal of light stains and oxide marks on metal surfaces	• Low cost pad • Good performance at an economical price
F4300	Medium (SiC)	Silicon carbide	Stainless steel	• Satin finishing aluminium, cleaning glass moulds • Grain finishing, removal of weld bluing on stainless steel	• Resiliant • Conforms well to surface contours
F4660/ F4807/ F4605	Ultra fine	Silicon carbide	General purpose	• Keying clear coat, finishing metal, deburring plastics, finishing aluminium • Doors and window frames, blending paint, scuffing varnishes and keying acrylic coatings	• Can be used wet or dry with prepping compounds
F2801/ F2829	Micro fine	Calcined alumina	Precious metals, varnished wood, car body work	• Keying clear coat • Polishing	• Produces an extremely high quality surface finish • Ideal for cleaning precious metals and finishing varnished wood
F0001	White cleaning	None	All surfaces	• Light cleaning, polishing • Rubbing down primer and highlighting wood	• Highly conformable • Tear resistant • Ideal for use with liquid detergent

ABRASIVE SPONGES
FOR HAND SANDING

Abrasive sanding sponges are designed for use on wood, paint and metal. Their flexible nature means they can be used on curved, contoured and flat surfaces.

PRODUCT SELECTION GUIDE

MATERIAL	APPLICATION	GRIT
		++++
All materials	Rough sanding	60
	Semi-finishing	100
	Finishing	180 +

ABRASIVE SPONGES APPLICATION GUIDE

GRADE	GRIT	FINISH GENERATED	APPLICATIONS
Medium	60	180/120	Scuffing, shaping filler
Fine	100	400/320	Feather edging, scuffing primer, and new parts before painting
Super fine	180	600/500	Preparing panel for base coat
Ultra fine	220	1000/800	Sanding base coat, removing clear coat defects
Micro fine	280	1500/1200	Clear coat sanding, removing minor defects

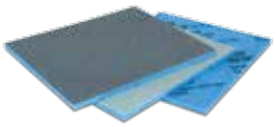
ABRASIVE SPONGES FOR HAND SANDING

SPONGES ++++

- Multi-purpose, can be used for wet or dry sanding
- Easy to reach areas inaccessible to sandpaper sheets
- Conforms to surface shapes and contours, providing a uniform finish
- Washable and robust can be reused, extending product life

ONE SIDED ABRASIVE

FERR.& NON FERR. | PAINT/VARN, PLASTER & FILLER, HARD WOOD & SOFT WOOD



DIM WxLxH (mm)	GRIT	PK QTY	ART NO.
140x115x6	60	20	63642550599
	100	20	63642550601
	180	20	63642550602
	220	20	63642550603
	280	20	63642550604

TWO SIDED ABRASIVE

DIM WxLxH (mm)	GRIT	PK QTY	ART NO.
123x98x12,5	60	60	77696093995
	100	60	77696094014
	180	60	77696094091
123x98x12,5	60	250	77696094102
	100	250	77696094099
	180	250	77696094100

FOUR SIDED ABRASIVE

DIM WxLxH (mm)	GRIT	PK QTY	ART NO.
100x66x26	60	60	77696098472
	100	60	77696094093
	180	60	77696094095
100x66x26	100	250	77696094104
	180	250	77696094105

Dimensions Key: DIM = Dimensions, W = Width, L = Length, H = Height

SPEC CHECK

Abrasive sponges generate a finer finish than conventional coated abrasive products. The sponges are washable and can be reused, giving greater product life.

REASONS TO CHOOSE A SPONGE VS CONVENTIONAL SHEET

ELIMINATE CLOGGING

- The combination of flexible foam backing material and abrasive grit adhesion continually releases sanded material
- Any clogging can be washed out

PRESSURE CONTROL

- Foam backing optimum pressure distribution to prevent sanding through surfaces
- Pressure spots are eliminated providing even surface pattern

ADAPT TO CONTOURS

- Flexible foam allows adaptability to contours, shapes or areas of limited access
- No folding or buckling results in an even pattern without scratching

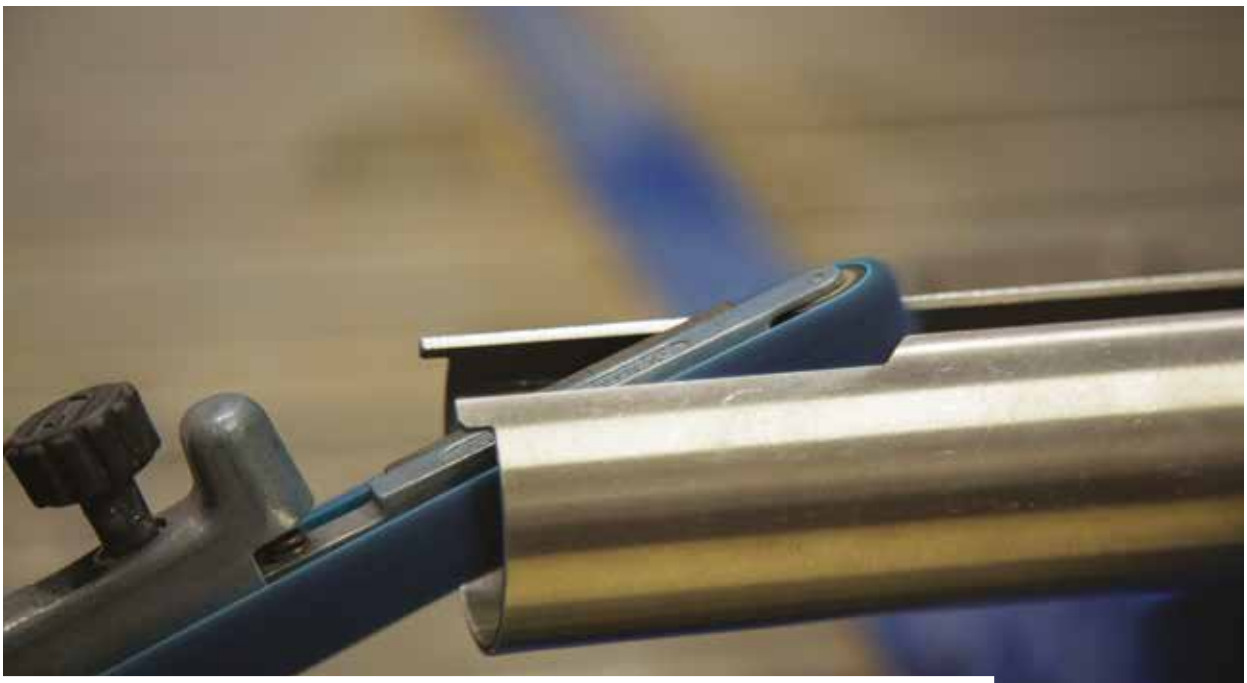
NORTON®

SAINT-GOBAIN

COATED ABRASIVES

BELTS

File belts 174
Portable belts 181
Narrow belts 184
Rapid Prep belts 192



FILE BELTS
FOR FILE BELT MACHINES

Norton offers a wide range of file belts designed to deliver outstanding performance on intricate shapes and contours. Portable file belt sanders have replaced tedious hand filing and sanding. First introduced in pneumatic, they are now also available in electric. Increasingly, tool manufacturers are introducing additional fixtures for additional applications. The belts listed are popular stock sizes, but additional sizes, specifications, backing materials, and edge scallops are available made-to-order.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓
Satisfactory ○

	VIKING R996	SG R929	RAPIDPREP	NORZON R822	NORZON R817	R445	R230
	+++++	+++++	+++++	++++	++++	+++	+++
Stainless steel, inox and duplex	✓✓	✓✓	✓✓	✓			
Inconel, titanium and super alloys	✓✓	✓✓	✓✓	✓			
Carbon, construction and mild steels		✓✓	✓✓	✓			
Cast iron		✓	✓	✓✓			
Non-ferrous metal (brass/aluminium)					✓✓	○	○
Hard and soft wood					✓✓		✓
Composite materials						✓✓	○
Stone, concrete						✓✓	
Glass, plastic						✓✓	
Rubber, plastic					✓✓		○
Leather					✓✓		○

NEW PNEUMATIC FILE BELT SANDER 10x330mm, free speed 18000 RPM, 0,5 HP

- The new Norton pneumatic file belt sander makes life easier when used in hard to reach and awkward applications and areas
- Use with Norton file belts for stock removal, deburring or surface preparation and defect removal on corners, contours and tight areas
- Small but powerful file belt sander with 0,5 hp motor, for a mighty output
- Ergonomic soft grip improves manoeuvrability and reduces operator fatigue
- Small size and light weight improves control and finish as well as reduced vibration for better operator comfort and the ability to get into small parts

DESCRIPTION	BELT SIZE	HORSEPOWER	FREE SPEED	RECOMMENDED OPERATING PRESSURE	TOOL WEIGHT	ART NO.
Pneumatic file belt sander	10x330mm	0,5	18000rpm	6,2 bar	0,82 kg	77696091766

NEW PNEUMATIC FILE BELT KIT

- For stock removal to finishing
- The kit contains a wide assortment of premium ceramic and non-woven file belts, complete with pneumatic file belt sander
- The ultimate solution for all applications from removal of rust and corrosion, deburring, blending to finishing of panels and car body
- Machine is 10x330mm. All belts are 10x300mm to fit the machine

KIT CONTENTS	ITEM ART NO.	PK QTY	ART NO.
File belt machine	77696091766	1	
Ceramic File belt 10x330mm P60	66261144369	20	
Ceramic File belt 10x330mm P80	66623303270	20	
Rapid Prep File belt 10x330mm Coarse	69957360172	10	78072707299
Rapid Prep File belt 10x330mm Medium	63642578004	10	
Rapid Prep File belt 10x330mm Very Fine	69957360176	10	
NORTON TOOL BAG SIZE: 56x31x45cm	69957343696	1	

FILE BELTS FOR FILE BELT MACHINES

VIKING R996

- The best choice for use on stainless steel, inconels, chromium cobalt, titanium and extremely hard materials
- Maximum performance for lowest overall grinding cost on the most difficult-to-grind materials
- Heavy duty applications with the highest stock removal, reduced heat, loading and glazing
- Advanced "supersize" grinding aid for fast and consistent cut rate with less off hand pressure required to cut

METAL INOX

WxL (mm)	GRIT	PK QTY	ART NO.
9x533	40	10	66261128510
	60	10	66261128511
	80	10	66261128512
13x457	40	10	66261128495
	60	10	66261128498
	80	10	66261128499
15x475	40	10	66261128521
	60	10	66261128522
	80	10	66261128523
19x457	40	10	66254480433
	60	10	66254408250
	80	10	66254471640

SG R929

- Made with premium SG abrasive grain, perfect for heat sensitive metals
- High content of active filler for cool cut, no burn marks on the metal part
- Excellent performance at low and medium pressure
- X-weight polyester cloth, extremely durable even on aggressive applications

METAL INOX

WxL (mm)	GRIT	PK QTY	ART NO.
9x533	40	10	66261123552
	60	10	66261123553
	80	10	66261123554
	120	10	66261123555
10x330	40	10	66623303110
	60	10	66261144369
	80	10	66623303270
	120	10	66623303271
13x305	40	10	66261194353
	60	10	66261023616
	80	10	66261023617
	120	10	66261023618
13x457	40	10	66261123522
	60	10	66261123523
	80	10	66261123524
	120	10	66261123525

Dimensions Key: W = Width, L = Length

	WxL (mm)	GRIT	PK QTY	ART NO.
	13x610	40	10	66261123636
		60	10	66261123638
		80	10	66261123639
		120	10	66261123640
	15x475	40	10	66261123646
		60	10	66261123647
		80	10	66261123648
		120	10	66261123649
	19x457	40	10	66254487679
		60	10	66254480427
		80	10	66254481839
		120	10	66254481840
	20x520	40	10	66623303272
		60	10	66261029755
		80	10	66623303275
		120	10	66623303276

RAPID PREP SURFACE CONDITIONING FILE BELTS +++++

- Strong synthetic mesh and aluminium oxide abrasive bonded together with a smear resistant adhesive
- Open construction of non-woven material for tough cutting action without clogging or loading
- Ideal for removing paint, rust, adhesives, coatings and sealant corrosion in hard to access areas

METAL INOX

	WxL (mm)	GRADE	PK QTY	ART NO.	PRICE £ EACH
	10x330	Coarse	10	69957360172	
		Medium	10	63642578004	
		Ver y Fine	10	69957360176	

Dimensions Key: W = Width, L = Length

FILE BELTS FOR FILE BELT MACHINES

NORZON R822 ++++

- Norzon grain continually exposes new cutting surfaces for long belt life even at high pressure
- Extremely durable for use in all demanding applications
- X-weight cotton backing for moderate to light pressure applications

FERR. & NON FERR.

WxL (mm)	GRIT	PK QTY	ART NO.
10x330	40	10	66261144347
	60	10	66261144348
	80	10	66261144349
	120	10	66261144350
13x305	40	10	66261194351
	60	10	63642552143
	80	10	63642524376
	120	10	69957308462
13x457	40	10	66261141253
	60	10	66261141254
	80	10	66261141255
	120	10	66261141256
13x610	40	10	66261141257
	60	10	63642539830
	80	10	66261141260
	120	10	66261141261
15x475	40	10	66261141262
	60	10	66261141263
	80	10	66261141264
	120	10	66261141265
19x457	40	10	66623330766
	60	10	63642539828
	80	10	63642539836
	120	10	63642539843
20x520	40	10	66261141266
	60	10	66261141267
	80	10	66261141269
	120	10	66261141270
30x533	40	10	63642538962
	60	10	63642538963
	80	10	63642538964
35x440	40	10	77696087694
	60	10	66261032676
	80	10	63642510293
	120	10	77696087695

Dimensions Key: W = Width, L = Length

NORZON R817 ++++

- Norzon grain continually exposes new cutting surfaces for long belt life even at high pressure
- Heavy polyester cloth, stiff tear resistant for tough applications
- Ideal for grinding skis
- High-performance resin bond provides strong grain adhesion, extending belt life
- Open grain distribution, recommended for grinding soft materials like aluminium, plastic, rubber or leather

NON FERR. PLASTIC, RUBBER & LEATHER

WxL (mm)	GRIT	PK QTY	ART NO.
30x533	24	10	69957383624
	36	10	63642571575
	40	10	63642556322
34x435	24	10	63642545273
	36	10	63642568989
	40	10	63642549470

R445 +++

- Hard and sharp silicon carbide grains for medium duty applications
- Can be used for dry or wet due to polyester backing
- For high initial cut on non-ferrous and soft-loading materials such as glass, titanium, masonry, composites, plastic and rubber

NON FERR. STONE, GLASS

WxL (mm)	GRIT	PK QTY	ART NO.
15x475	60	50	63642547214
	80	50	63642539677
	120	50	63642539678
20x520	60	50	66254425393
	80	50	63642567304
	120	50	63642547790
30x533	60	50	63642519009
	80	50	69957379493
	120	50	69957371884

Dimensions Key: W = Width, L = Length

FILE BELTS FOR FILE BELT MACHINES

R230 +++

- Hard aluminium oxide abrasive for good product life
- Open grain distribution for reduced clogging and loading material such as wood and aluminium
- Ideal for sanding wood and grinding metal
- Good cut rate on low-pressure finishing operations with ability to leave a very good finish

FERR. NON FERR. WOOD

WxL (mm)	GRIT	PK QTY	ART NO.
10x330	40	10	69957385707
	60	10	66261114049
	80	10	63642515415
	120	10	69957380686
20x520	40	10	69957396131
	60	10	66261034453
	80	10	66261106250
	120	10	66623327675
30x533	40	10	63642546483
	60	10	63642546477
	80	10	63642546478
	120	10	63642546482

Dimensions Key: DIM = Dimensions, W = Width, L = Length

MADE-TO-ORDER PRODUCT AVAILABILITY

CAP CODE	GRAIN / GRIT	24	36	40	60	80	100	120	150	180	220	240	280	320	400
Viking R996	New SG supersize, YY/Y-polyester	•	•	•	•	•									
SG R929	SG, X-polyester		•	•	•	•	•	•							
R895	NZ, YY-polyester	•	•	•	•	•	•	•	•	•	•				
Norzon R822	Norzon, X-cotton	•	•	•	•	•	•	•	•						
Norzon R817	Norzon, Y-polyester	•	•	•	•	•	•	•							
R445	Silicon carbide, X/Y-polyester				•	•	•	•	•	•	•	•			
R293	Blend aluminium oxide, X/Y-polyester	•	•	•	•	•	•	•	•	•	•	•	•	•	•
R230	Aluminium oxide, X-cotton		•	•	•	•	•	•	•	•					

MINIMUM ORDER QUANTITIES

FOR MADE-TO-ORDER PRODUCTS

SIZE (mm)	MINIMUM ORDER QUANTITY
All file belts	200 pieces

PORTABLE BELTS
FOR PORTABLE BELT MACHINES

Norton offers portable belts in a variety of sizes, designed to fit the most common types of machine. Portable belts are designed for all metal and wood working applications. Choose 36 – 50 grits for rough/heavy-duty applications, 60 – 100 for intermediate, and 100 – 220 for finishing/polishing applications. The belts listed are popular stock sizes, but additional sizes, specifications, and backing materials, are available made-to-order. All Norton belts are supplied with butt joints for easy mounting and smoother work.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓
Suitable ○

	SG R929	NORZON R817	R230
MATERIAL	+++++	++++	+++
Metal	✓✓		✓
Hard wood		✓✓	✓
Soft wood		✓	✓✓

PORTABLE BELTS FOR PORTABLE BELT MACHINES

SG R929 +++++

- Premium SG abrasive grain ideal for heat sensitive metals
- High content of active filler for cool cut, no burn marks on the metal part
- X-weight polyester cloth, extremely durable even in aggressive applications
- Excellent performance at low and medium pressure

METAL INOX

WxL (mm)	GRIT	PK QTY	ART NO.
50x800	60	10	66261023832
	80	10	66261023833
	120	10	66261023834

NORZON R817 ++++

- Norzon grain continually exposes new cutting surfaces for long belt life even at high pressure
- Heavy polyester cloth, stiff and tear resistant for tough applications
- High-performance resin bond provides strong grain adhesion for longer belt life
- Open grain distribution prevents loading when grinding wood and soft materials like aluminium, plastic, rubber or leather

FERR. NON FERR. WOOD

WxL (mm)	GRIT	PK QTY	ART NO.
200x750	40	10	69957355996
	60	10	69957371516
	80	10	69957371517
	100	10	66261182174
	120	10	69957371513

R230 +++

- Hard aluminium oxide abrasive for good product life
- Open grain distribution for reduced clogging on materials such as wood and aluminium
- Multi-purpose product ideal for sanding wood and grinding metal
- Excellent cut rate on low-pressure finishing operations, imparts a good finish

NON FERR. WOOD

WxL (mm)	GRIT	PK QTY	ART NO.
75x457	40	10	63642538877
	60	10	63642539426
	80	10	63642539422
	120	10	63642539415
75x533	40	10	63642546289
	60	10	63642546257
	80	10	63642534248
	100	10	63642546273
	120	10	63642530701

Dimensions Key: W = Width, L = Length

WxL (mm)	GRIT	PK QTY	ART NO.
75x610	40	10	63642546472
	60	10	63642546473
	80	10	63642567329
	100	10	63642545869
	120	10	63642546476
100x610	40	10	63642546295
	60	10	63642560145
	80	10	63642529798
	100	10	63642546242
	120	10	63642529797
100x620	40	10	63642546457
	60	10	63642534465
	80	10	63642529799
	100	10	63642534770
	120	10	63642546452
100x690	40	10	63642537627
	60	10	63642537544
	80	10	63642537546
	100	10	63642537548
	120	10	63642537632
200x750	24	10	63642521182
	36	10	69957349006
	40	10	69957349007
	60	10	69957349010
	80	10	69957349014
	100	10	69957349394
	120	10	63642558814

Dimensions Key: W = Width, L = Length

MADE-TO-ORDER PRODUCT AVAILABILITY

CAP CODE	GRAIN / GRIT	24	36	40	60	80	100	120	150	180	220	240	280	320	400
SG R929	SG, X-polyester		•	•	•	•	•	•							
Norzon R817	Norzon, Y-polyester	•	•	•	•	•	•	•							
R230	Aluminium oxide, X-cotton		•	•	•	•	•	•	•	•					

MINIMUM ORDER QUANTITIES

FOR MADE-TO-ORDER PRODUCTS

SIZE (mm)	MINIMUM ORDER QUANTITY
All portable belts	100 pieces

NARROW BELTS
FOR BACKSTAND MACHINES

A broad selection of sizes and grits for most dimensioning, intermediate grinding and polishing applications. The belts listed are popular stock sizes, but additional sizes, specifications, and backing materials, are available made-to-order.

PRODUCT AVAILABILITY

Highly recommended ✓✓
Recommended ✓
Suitable ○

MATERIAL	VIKING R996 +++++	RED-X R976 +++++	SG R929 +++++	NORAX +++++	H231 ++++	BLUEFIRE R895 ++++	NORZON R822 ++++	W445 ++++	R445 +++	R293 +++
Stainless steel, inox and duplex	✓✓	✓	○	✓✓		✓	✓			
Inconel, titanium and super alloys	✓✓	✓	○	✓✓			✓			
Carbon, construction and mild steels			✓✓			✓✓	✓		○	○
Cast iron			✓✓			✓	✓✓		○	○
Non-ferrous metal (brass/aluminium)			✓✓			✓			○	○
Hard and soft wood					✓✓					
Stone, concrete									✓✓	○
Glass, plastic								✓✓	○	

VIKING R996 +++++

- The best choice for use on stainless steel, inconels, chromium cobalt, titanium and extremely hard materials
- The maximum performance for lowest overall grinding cost on your most difficult-to-grind materials
- Achieve maximum stock removal, reduced heat generation and no loading and glazing in heavy duty applications
- 'Supersize' layer applied to the abrasive reduces heat generation and cuts faster, even with less off hand pressure

METAL INOX

WxL (mm)	GRIT	PK QTY	ART NO.
50x2000	24	10	69957364731
	36	10	66254403822
	40	10	66254403847
	60	10	66254411262
	80	10	66254449025
50x2500	24	10	69957364732
	36	10	66261099222
	40	10	66254408229
	60	10	66254416129
	80	10	66254448015
50x3500	24	10	69957364733
	36	10	66254404039
	40	10	66254404041
	60	10	66254436885
	80	10	66254456931
50x4000	24	10	69957300743
	36	10	66254404064
	40	10	66254404065
	60	10	66254405015
	80	10	66254444896
75x2000	24	10	69957364735
	36	10	66254410065
	40	10	66254407955
	60	10	66254407954
	80	10	66254456158
75x2500	24	10	69957364736
	36	10	66254403849
	40	10	66254403887
	60	10	66254403891
	80	10	66254469059

Dimensions Key: W = Width, L = Length

NARROW BELTS FOR BACKSTAND MACHINES

RED-X R976 +++++

- Patented ceramic SG grain for increased cut rate on carbon and stainless steel
- A new high performance formulation of supersize layer for excellent results on materials from stainless steel to inconel to titanium
- Higher material removal rate at low and medium pressure in fine grits
- Reduced heat generation reduces risk of burn

METAL INOX

WxL (mm)	GRIT	PK QTY	ART NO.
50x2000	36	10	66623381099
	40	10	66623328023
	60	10	66254401458
	80	10	66261108229
	120	10	66254408387
50x2500	36	10	66254410572
	40	10	66261051186
	60	10	66261063897
	80	10	66254401374
	120	10	66261107250
50x3500	36	10	66254409222
	40	10	66623385396
	60	10	66261071965
	80	10	66254436884
	120	10	66254411405
50x4000	36	10	66261055060
	40	10	66261092227
	60	10	66261054920
	80	10	66254401290
	120	10	66254474052
75x2000	36	10	66623319745
	40	10	66261067686
	60	10	66261060879
	80	10	66254403117
	120	10	66254404255
75x2500	36	10	66261066499
	40	10	66254402279
	60	10	66254433345
	80	10	66254407537
	120	10	66254407535

Dimensions Key: W = Width, L = Length

SG R929 +++++

- Premium SG abrasive ideal for heat sensitive metals as the SG grain reduces heat generation
- High content of active filler for cool cut, no burn marks on the metal part
- X-weight polyester cloth, extremely durable even on aggressive applications
- Excellent performance at low and medium pressure

FERR. & NON FERR.

WxL (mm)	GRIT	PK QTY	ART NO.
50x1600	40	10	66261023879
	50	10	66261023880
	60	10	66261023881
	80	10	66261023882
50x2000	36	10	69957350787
	40	10	69957350790
	50	10	69957350792
	60	10	69957350793
	80	10	69957350794
	120	10	69957350795
75x2000	36	10	69957350796
	40	10	69957350797
	50	10	69957350798
	60	10	69957350799
	80	10	69957350800
	100	10	66261024222
	120	10	69957350801
75x2500	36	10	69957350882
	40	10	69957350883
	50	10	69957350884
	60	10	69957350888
	80	10	69957350898
	120	10	66261023977
100x1000	40	10	69957350903
	50	10	69957350905
	60	10	69957350906
100x2000	36	10	69957350802
	40	10	69957350804
	60	10	69957350805
	80	10	69957350806
	120	10	69957350807
150x2000	36	10	69957350809
	40	10	69957350812
	60	10	69957350813
	80	10	69957350815
150x2500	40	10	66261023984
	60	10	66261023992
	80	10	66261023993

Dimensions Key: W = Width, L = Length

NEW BLUEFIRE R895 +++

- Heavy polyester backing for high material removal rate in demanding applications
- Optimised grain coverage for maximum efficiency
- Improved needle-sharp grain with engineered microfracturing for aggressive cutting action
- Full range of grits available, from P24 to P220.

FERR. & NON FERR.

Dimensions Key: W = Width, L = Length

WxL (mm)	GRIT	PK QTY	ART NO.
50x2000	36	10	78072724733
	40	10	78072724734
	60	10	78072724735
	80	10	78072724736
	120	10	78072724737
75x2000	36	10	78072724738
	40	10	78072724739
	50	10	78072724740
	60	10	78072724741
	80	10	78072724742
	120	10	78072724745
75x2500	36	10	78072724748
	40	10	78072724749
	60	10	78072724752
	80	10	78072724751
	120	10	78072724753
150x2000	36	10	78072724754
	40	10	78072724755
	60	10	78072724756
	80	10	78072724757
	120	10	78072724758

NORZON R822 ++++

- High-performance, self-sharpening zirconia alumina abrasive for excellent cut rate and product life
- Extremely durable for demanding applications
- X-weight cotton backing for moderate to light pressure applications

FERR. & NON FERR.

WxL (mm)	GRIT	PK QTY	ART NO.
50x2000	36	10	63642546222
	40	10	63642547270
	60	10	63642546210
	80	10	63642546212
	120	10	63642516010
75x2000	24	10	63642539088
	36	10	63642539386
	40	10	63642539388
	50	10	63642538998
	60	10	63642539389
	80	10	63642538999
	120	10	63642539002
75x2500	36	10	63642546092
	40	10	63642546094
	60	10	63642546097
	80	10	63642546099
100x920	36	10	63642546226
	40	10	63642539330
	50	10	63642539328
	60	10	63642546216
	80	10	63642546214
	100	10	63642539383
100x1000	40	10	63642547284
	50	10	63642538971
	60	10	63642538973
	80	10	63642538975
	100	10	63642538977
	120	10	63642536388
150x2000	36	10	63642539008
	40	10	63642539010
	60	10	63642539014
	80	10	63642539016

Dimensions Key: W = Width, L = Length

NARROW BELTS FOR BACKSTAND MACHINES

W445 ++++

- Special cork grain for polishing glass and final finishing of glass edges
- Can be used wet or dry
- Long life with uniform polishing effect

GLASS

WxL (mm)	GRIT	PK QTY	ART NO.
100x2000	No abrasive grain	10	63642580818
100x3350	No abrasive grain	10	63642545206
140x3300	No abrasive grain	10	66254415118

R293 +++

- General purpose aluminium oxide belt with good price / performance ratio
- Resin bond system provides good grain retention and life versus key competitors
- For high initial cut on non-ferrous and soft-loading materials such as glass, titanium, masonry, composites, plastic and rubber
- With active filler for improved life on metal applications

FERR. NON FERR. WOOD

WxL (mm)	GRIT	PK QTY	ART NO.
50x2000	36	10	63642546943
	40	10	63642551489
	60	10	63642546878
50x4000	36	10	63642539981
	40	10	63642539982
	60	10	63642539985
	80	10	63642539986
75x2000	36	10	63642547942
	40	10	63642564728
	60	10	63642548528
	80	10	63642548275
75x2500	36	10	63642546130
	40	10	63642546874
	60	10	63642551507
100x920	40	10	63642548306
	60	10	63642548307
	80	10	63642551544
	100	10	63642551546
	120	10	63642551547
	180	10	63642551549
100x3000	40	10	63642551511
	60	10	63642548447

Dimensions Key: W = Width, L = Length

R445 +++

- Hard and sharp silicon carbide grain
- Can be used for dry or wet applications due to polyester backing
- Ideal for use in medium duty applications
- For high initial cut on non-ferrous and soft-loading materials such as glass, titanium, masonry, composites, plastic and rubber

NON FERR. STONE, GLASS

WxL (mm)	GRIT	PK QTY	ART NO.
100x2000	60	10	69957355675
	80	10	69957355677
	120	10	69957355681
100x3350	60	10	63642546593
	80	10	63642546594
	100	10	63642530703
	120	10	63642546597
	150	10	63642546599
	180	10	63642546600
	220	10	63642546602
	240	10	63642546603
	400	10	63642546616

Dimensions Key: W = Width, L = Length

MADE-TO-ORDER PRODUCT AVAILABILITY

CAP CODE	GRAIN / GRIT	24	36	40	60	80	100	120	150	180	220	240	280	320	400
Viking R996	New SG supersize, YY/Y-polyester	•	•	•	•	•									
RED-X R976	SG supersize, X-polyester		•	•	•	•	•	•							
SG R929	SG, X-polyester		•	•	•	•	•	•							
Norax	Special multi-layer abrasive														
H231	Aluminium oxide, F-paper		•	•	•	•	•	•	•		•	•	•	•	•
R895	NZ, YY-polyester	•	•	•	•	•	•	•	•	•	•				
Norzon R822	Norzon, X-cotton	•	•	•	•	•	•	•	•						
W445	SiC/cork, X-cotton														
R293	Blend aluminium oxide, X/Y-polyester	•	•	•	•	•	•	•	•		•	•	•	•	•
R445	Silicon carbide, X/Y-polyester				•	•	•	•	•		•				

MINIMUM ORDER QUANTITIES FOR MADE-TO-ORDER PRODUCTS

SIZE (mm)	LENGTH (mm) 750 - 1999mm	LENGTH (mm) > 2000mm
Up to 50mm	40 pieces	40 pieces
51 up to 100mm	30 pieces	30 pieces
Over 101mm	20 pieces	10 pieces

RAPID PREP BELTS

Norton non-woven belts are a combination of strong synthetic mesh and quality abrasive, bonded together by a smear-resistant adhesive. The open construction of non-woven material enables aggressive cutting action and improved surface finish while maintaining its non-loading feature.
Ideal product to provide a great finish or remove burrs without gouging or undercutting the workpiece.

PRODUCT SELECTION GUIDE

	EXTRA COARSE	COARSE	MEDIUM	FINE	VERY FINE
Scale removal	●				
Stock removal		●			
Heavy deburring		●			
Light deburring			●		
Light finishing			●		
Blending				●	
Finishing					●

PRODUCT OVERVIEW

APPLICATIONS

- Removing surface defects
- Light edge burrs
- Parting lines, flashing
- Rust, oxides and corrosion
- Paints and scale
- Blending mill marks
- Tool marks
- Uneven edges
- Applying decorative finishes

MACHINE USED

- File belt sander
- Portable sander
- Backstand machine

ABRASIVE GRAIN

- Vortex engineered aluminium oxide
- Aluminium oxide

GRIT RANGE

- Extra coarse
- Coarse
- Medium
- Fine
- Very fine

RAPID PREP BELT MATERIAL AVAILABLE IN TWO SPECIFICATIONS:

XF

Offers good flexibility for file belt applications

RF

Reinforced low-stretch backing for large narrow belt applications

AND IN TWO GRAIN TYPES

VORTEX RAPID PREP A/O ++++

Better choice for finishing and blending applications

- Vortex engineered grain technology combines the cutting speed of coarse grits with the finish of fine grits
- Durable product for blending, finishing, cleaning, and light deburring
- Most consistent cutting and finishing surface conditioning products on the market
- Clean Bond technology - smear-free, does not load on aluminium or soft metals
- Achieve a burr-free, paintable finish in fewer steps without damaging the base material
- Friable grain structure keeps Ra specs throughout belt life and reduces scrap and rework

RAPID PREP A/O +++

Good choice for finishing and blending applications

- General purpose product for blending, finishing, cleaning, and light deburring
- Achieve a burr-free, paintable finish in fewer steps without damaging the base material

RAPID PREP BELTS

RAPID PREP A/O XF SURFACE BLENDING FILE BELTS +++

WxL (mm)	GRADE	CAP CODE	PK QTY	ART NO.
6x457	Coarse	S2238	20	63642535959
	Medium	S2338	20	63642535963
	Fine	S2438	20	63642536140*
	Very fine	S2538	20	66623333511
13x457	Coarse	S2238	20	63642535980
	Medium	S2338	20	63642536113
	Fine	S2438	20	63642536141*
	Very fine	S2538	20	66261055311
19x457	Coarse	S2238	20	63642536114
	Medium	S2338	20	63642536116
	Fine	S2438	20	63642536142
	Very fine	S2538	20	66261003622
6x610	Coarse	S2238	20	63642536118
	Medium	S2338	20	63642536121
	Fine	S2438	20	63642536144*
	Very fine	S2538	20	66623333512
13x610	Coarse	S2238	20	63642536122
	Medium	S2338	20	63642536129
	Fine	S2438	20	63642536145*
	Very fine	S2538	20	66261019876
13x305	Coarse	S2238	20	63642536134
	Medium	S2338	20	63642536137
	Fine	S2438	20	63642536164*
	Very fine	S2538	20	66254499884

Dimensions Key: W = Width, L = Length

* Made-to-order

RAPID PREP A/O RF SURFACE BLENDING NARROW BELTS +++

WxL (mm)	GRADE	CAP CODE	PK QTY	ART NO.
50x2000	Coarse	S2228	5	63642531724
	Medium	S2328	5	63642531726
	Fine	S2428	5	63642531732
	Very fine	S2528	5	63642531733
75x2000	Coarse	S2228	5	63642531735
	Medium	S2328	5	63642531741
	Fine	S2428	5	63642531743
	Very fine	S2528	5	63642531751
100x3500	Coarse	S2228	5	63642531760
	Medium	S2328	5	63642531761
	Fine	S2428	5	63642531764
	Very fine	S2528	5	63642531784
150x2000	Coarse	S2228	5	63642531787
	Medium	S2328	5	63642531813
	Fine	S2428	5	63642531816
	Very fine	S2528	5	63642531819

Dimensions Key: W = Width, L = Length

More sizes available on a made-to-order

VORTEX RAPID PREP RF SURFACE BLENDING NARROW BELTS ++++
MADE-TO-ORDER

WxL (mm)	GRADE	CAP CODE	INFORMATION
Various belt sizes	Extra Coarse	S2123	More information available on request
	Coarse	S2223	
	Medium	S2323	
	Fine	S2423	
	Very fine	S2523	

BELTS BY DIMENSION

GRIT	CAP CODE	PK QTY	ART NO.	
9x533mm				
40	R996	10	66261128510	+++++
	R929	10	66261123552	+++++
60	R996	10	66261128511	+++++
	R929	10	66261123553	+++++
80	R996	10	66261128512	+++++
	R929	10	66261123554	+++++
120	R929	10	66261123555	+++++
10x330mm				
40	R929	10	66623303110	+++++
	R822	10	66261144347	++++
	R230	10	69957385707	+++
60	R929	10	66261144369	+++++
	R822	10	66261144348	++++
	R230	10	66261114049	+++
80	R929	10	66623303270	+++++
	R822	10	66261144349	++++
	R230	10	63642515415	+++
120	R929	10	66623303271	+++++
	R822	10	66261144350	++++
	R230	10	69957380686	+++
13x305mm				
40	R929	10	66261194353	+++++
	R822	10	66261194351	++++
60	R929	10	66261023616	+++++
	R822	10	63642552143	++++
80	R929	10	66261023617	+++++
	R822	10	63642524376	++++
120	R929	10	66261023618	+++++
	R822	10	69957308462	++++
13x457mm				
40	R996	10	66261128495	+++++
	R929	10	66261123522	+++++
	R822	10	66261141253	++++
60	R996	10	66261128498	+++++
	R929	10	66261123523	+++++
	R822	10	66261141254	++++
80	R996	10	66261128499	+++++
	R929	10	66261123524	+++++
	R822	10	66261141255	++++
120	R929	10	66261123525	+++++
	R822	10	66261141256	++++
13x610mm				
40	R929	10	66261123636	+++++
	R822	10	66261141257	++++
60	R929	10	66261123638	+++++
	R822	10	63642539830	++++
80	R929	10	66261123639	+++++
	R822	10	66261141260	++++
120	R929	10	66261123640	+++++
	R822	10	66261141261	++++

GRIT	CAP CODE	PK QTY	ART NO.	
15x475mm				
40	R996	10	66261128521	+++++
	R929	10	66261123646	+++++
	R822	10	66261141262	++++
60	R996	10	66261128522	+++++
	R929	10	66261123647	+++++
	R822	10	66261141263	++++
	R445	50	63642547214	+++
80	R996	10	66261128523	+++++
	R929	10	66261123648	+++++
	R822	10	66261141264	++++
	R445	50	63642539677	+++
120	R929	10	66261123649	+++++
	R822	10	66261141265	++++
	R445	50	63642539678	+++
19x457mm				
40	R996	10	66254480433	+++++
	R929	10	66254487679	+++++
	R822	10	66623330766	++++
60	R996	10	66254408250	+++++
	R929	10	66254480427	+++++
	R822	10	63642539828	++++
80	R996	10	66254471640	+++++
	R929	10	66254481839	+++++
	R822	10	63642539836	++++
120	R929	10	66254481840	+++++
	R822	10	63642539843	++++
20x520mm				
40	R929	10	66623303272	+++++
	R822	10	66261141266	++++
	R230	10	69957396131	+++
60	R929	10	66261029755	+++++
	R822	10	66261141267	++++
	R445	50	66254425393	+++
	R230	10	66261034453	+++
80	R929	10	66623303275	+++++
	R822	10	66261141269	++++
	R445	50	63642567304	+++
	R230	10	66261106250	+++
120	R929	10	66623303276	+++++
	R822	10	66261141270	++++
	R445	50	63642547790	+++
	R230	10	66623327675	+++
30x533mm				
24	R817	50	69957383624	++++
36	R817	50	63642571575	++++
40	R822	10	63642538962	++++
	R817	50	63642556322	++++
	R230	10	63642546483	+++
60	R822	10	63642538963	++++
	R445	50	63642519009	+++
	R230	10	63642546477	+++
80	R822	10	63642538964	++++
	R445	50	69957379493	+++
	R230	10	63642546478	+++
120	R445	50	69957371884	+++
	R230	10	63642546482	+++

GRIT	CAP CODE	PK QTY	ART NO.	
34x435mm				
24	R817	50	63642545273	++++
36	R817	50	63642568989	++++
40	R817	50	63642549470	++++
35x440mm				
40	R822	10	77696087694	++++
60	R822	10	66261032676	++++
80	R822	10	63642510293	++++
120	R822	10	77696087695	++++
50x800mm				
60	R929	10	66261023832	+++++
80	R929	10	66261023833	+++++
120	R929	10	66261023834	+++++
75x457mm				
40	R230	10	63642538877	+++
60	R230	10	63642539426	+++
80	R230	10	63642539422	+++
120	R230	10	63642539415	+++
75x533mm				
40	R230	10	63642546289	+++
60	R230	10	63642546257	+++
80	R230	10	63642534248	+++
100	R230	10	63642546273	+++
120	R230	10	63642530701	+++
75x610mm				
40	R230	10	63642546472	+++
60	R230	10	63642546473	+++
80	R230	10	63642567329	+++
100	R230	10	63642545869	+++
120	R230	10	63642546476	+++
100x610mm				
40	R230	10	63642546295	+++
60	R230	10	63642560145	+++
80	R230	10	63642529798	+++
100	R230	10	63642546242	+++
120	R230	10	63642529797	+++
100x620mm				
40	R230	10	63642546457	+++
60	R230	10	63642534465	+++
80	R230	10	63642529799	+++
100	R230	10	63642534770	+++
120	R230	10	63642546452	+++
100x690mm				
40	R230	10	63642537627	+++
60	R230	10	63642537544	+++
80	R230	10	63642537546	+++
100	R230	10	63642537548	+++
120	R230	10	63642537632	+++

GRIT	CAP CODE	PK QTY	ART NO.	
200x750mm				
24	R230	10	63642521182	+++
36	R230	10	69957349006	+++
40	R817	10	69957355996	++++
	R230	10	69957349007	+++
60	R817	10	69957371516	++++
	R230	10	69957349010	+++
80	R817	10	69957371517	++++
	R230	10	69957349014	+++
100	R817	10	66261182174	++++
	R230	10	69957349394	+++
120	R817	10	69957371513	++++
	R230	10	63642558814	+++
50x1600mm				
40	R929	10	66261023879	+++++
50	R929	10	66261023880	+++++
60	R929	10	66261023881	+++++
80	R929	10	66261023882	+++++
50x2000mm				
24	R996	10	69957364731	+++++
36	R996	10	66254403822	+++++
	R929	10	69957350787	+++++
	R976	10	66623381099	+++++
	R895	10	78072724733	++++
	R822	10	63642546222	++++
	R293	10	63642546943	+++
40	R996	10	66254403847	+++++
	R976	10	66623328023	+++++
	R929	10	69957350790	+++++
	R895	10	78072724734	++++
	R822	10	63642547270	++++
	R293	10	63642551489	+++
	R929	10	69957350792	+++++
60	R996	10	66254411262	+++++
	R976	10	66254401458	+++++
	R929	10	69957350793	+++++
	R895	10	78072724735	++++
	R822	10	63642546210	++++
	R293	10	63642546878	+++
80	R996	10	66254449025	+++++
	R976	10	66261108229	+++++
	R929	10	69957350794	+++++
	R895	10	78072724736	++++
	R822	10	63642546212	++++
120	R976	10	66254408387	+++++
	R929	10	69957350795	+++++
	R895	10	78072724737	++++
	R822	10	63642516010	++++
50x2500mm				
24	R996	10	69957364732	+++++
36	R996	10	66261099222	+++++
	R976	10	66254410572	+++++

BELTS BY DIMENSION

GRIT	CAP CODE	PK QTY	ART NO.	
50x2500mm continued				
40	R996	10	66254408229	+++++
	R976	10	66261051186	+++++
60	R996	10	66254416129	+++++
	R976	10	66261063897	+++++
80	R996	10	66254448015	+++++
	R976	10	66254401374	+++++
120	R976	10	66261107250	+++++
50x3500mm				
24	R996	10	69957364733	+++++
36	R996	10	66254404039	+++++
	R976	10	66254409222	+++++
40	R996	10	66254404041	+++++
	R976	10	66623385396	+++++
60	R996	10	66254436885	+++++
	R976	10	66261071965	+++++
80	R996	10	66254456931	+++++
	R976	10	66254436884	+++++
120	R976	10	66254411405	+++++
50x4000mm				
24	R996	10	69957300743	+++++
36	R996	10	66254404064	+++++
	R976	10	66261055060	+++++
	R293	10	63642539981	+++
40	R996	10	66254404065	+++++
	R976	10	66261092227	+++++
	R293	10	63642539982	+++
60	R996	10	66254405015	+++++
	R976	10	66261054920	+++++
	R293	10	63642539985	+++
80	R996	10	66254444896	+++++
	R976	10	66254401290	+++++
	R293	10	63642539986	+++
120	R976	10	66254474052	+++++
75x2000mm				
24	R996	10	69957364735	+++++
	R822	10	63642539088	++++
36	R996	10	66254410065	+++++
	R929	10	69957350796	+++++
	R976	10	66623319745	+++++
	R895	10	78072724738	++++
	R822	10	63642539386	++++
	R293	10	63642547942	+++
40	R996	10	66254407955	+++++
	R976	10	66261067686	+++++
	R929	10	69957350797	+++++
	R895	10	78072724739	++++
	R822	10	63642539388	++++
	R293	10	63642564728	+++
50	R929	10	69957350798	+++++
	R895	10	78072724740	++++
	R822	10	63642538998	++++
60	R996	10	66254407954	+++++
	R976	10	66261060879	+++++
	R929	10	69957350799	+++++
	R895	10	78072724741	++++
	R822	10	63642539389	++++
	R293	10	63642548528	+++

GRIT	CAP CODE	PK QTY	ART NO.	
75x2000mm continued				
80	R996	10	66254456158	+++++
	R976	10	66254403117	+++++
	R929	10	69957350800	+++++
	R895	10	78072724742	++++
	R822	10	63642538999	++++
	R293	10	63642548275	+++
100	R929	10	66261024222	+++++
120	R976	10	66254404255	+++++
	R929	10	69957350801	+++++
	R895	10	78072724745	++++
	R822	10	63642539002	++++
75x2500mm				
24	R996	10	69957364736	+++++
36	R996	10	66254403849	+++++
	R929	10	69957350882	+++++
	R976	10	66261066499	+++++
	R895	10	78072724748	++++
	R822	10	63642546092	++++
	R293	10	63642546130	+++
40	R996	10	66254403887	+++++
	R976	10	66254402279	+++++
	R929	10	69957350883	+++++
	R895	10	78072724749	++++
	R822	10	63642546094	++++
	R293	10	63642546874	+++
50	R929	10	69957350884	+++++
60	R996	10	66254403891	+++++
	R976	10	66254433345	+++++
	R929	10	69957350888	+++++
	R895	10	78072724752	++++
	R822	10	63642546097	++++
	R293	10	63642551507	+++
80	R996	10	66254469059	+++++
	R976	10	66254407537	+++++
	R929	10	69957350898	+++++
	R895	10	78072724751	++++
	R822	10	63642546099	++++
120	R976	10	66254407535	+++++
	R929	10	66261023977	+++++
	R895	10	78072724753	++++
100x920mm				
36	R822	10	63642546226	++++
40	R822	10	63642539330	++++
	R293	10	63642548306	+++
50	R822	10	63642539328	++++
60	R822	10	63642546216	++++
	R293	10	63642548307	+++
80	R822	10	63642546214	+++
	R293	10	63642551544	+++
100	R822	10	63642539383	++++
	R293	10	63642551546	+++
120	R293	10	63642551547	+++
180	R293	10	63642551549	+++

* Made to order

GRIT	CAP CODE	PK QTY	ART NO.	
100x1000mm				
40	R929	10	69957350903	+++++
	R822	10	63642547284	++++
50	R929	10	69957350905	+++++
	R822	10	63642538971	++++
60	R929	10	69957350906	+++++
	R822	10	63642538973	++++
80	R822	10	63642538975	++++
100	R822	10	63642538977	++++
120	R822	10	63642536388	++++
100x2000mm				
36	R929	10	69957350802	+++++
40	R929	10	69957350804	+++++
60	R929	10	69957350805	+++++
	R445	10	69957355675	+++
80	R929	10	69957350806	+++++
	R445	10	69957355677	+++
120	R929	10	69957350807	+++++
	R445	10	69957355681	+++
*	W445	10	63642580818	++++
100x3000mm				
40	R293	10	63642551511	+++
60	R293	10	63642548447	+++
100x3350mm				
60	R445	10	63642546593	+++
80	R445	10	63642546594	+++
100	R445	10	63642530703	+++
120	R445	10	63642546597	+++
150	R445	10	63642546599	+++
180	R445	10	63642546600	+++
220	R445	10	63642546602	+++
240	R445	10	63642546603	+++
400	R445	10	63642546616	+++
*	W445	10	63642545206	++++
140x3300mm				
*	W445	10	66254415118	++++
150x2000mm				
36	R929	10	69957350809	+++++
	R895	10	78072724754	++++
	R822	10	63642539008	++++
40	R929	10	69957350812	+++++
	R895	10	78072724755	++++
	R822	10	63642539010	++++
60	R929	10	69957350813	+++++
	R895	10	78072724756	++++
	R822	10	63642539014	++++
80	R929	10	69957350815	+++++
	R895	10	78072724757	++++
	R822	10	63642539016	++++
120	R895	10	78072724758	++++
150x2500mm				
40	R929	10	66261023984	+++++
60	R929	10	66261023992	+++++
80	R929	10	66261023993	+++++

*No abrasive grain

RAPID PREP BELTS

GRIT	CAP CODE	PK QTY	ART NO.	
6x457mm				
Coarse	S2238	20	63642535959	+++
Medium	S2338	20	63642535963	+++
Fine	S2438	20	63642536140*	+++
Very Fine	S2538	20	66623333511	+++
6x610mm				
Coarse	S2238	20	63642536118	+++
Medium	S2338	20	63642536121	+++
Fine	S2438	20	63642536144*	+++
Very Fine	S2538	20	66623333512	+++
13x305mm				
Coarse	S2238	20	63642536134	+++
Medium	S2338	20	63642536137	+++
Fine	S2438	20	63642536164*	+++
Very Fine	S2538	20	66254499884	+++
13x457mm				
Coarse	S2238	20	63642535980	+++
Medium	S2338	20	63642536113	+++
Fine	S2438	20	63642536141*	+++
Very Fine	S2538	20	66261055311	+++
13x610mm				
Coarse	S2238	20	63642536122	+++
Medium	S2338	20	63642536129	+++
Fine	S2438	20	63642536145*	+++
Very Fine	S2538	20	66261019876	+++
19x457mm				
Coarse	S2238	20	63642536114	+++
Medium	S2338	20	63642536116	+++
Fine	S2438	20	63642536142	+++
Very Fine	S2538	20	66261003622	+++
50x2000mm				
Coarse	S2228	5	63642531724	+++
Medium	S2328	5	63642531726	+++
Fine	S2428	5	63642531732	+++
Very Fine	S2528	5	63642531733	+++
75x2000mm				
Coarse	S2228	5	63642531735	+++
Medium	S2328	5	63642531741	+++
Fine	S2428	5	63642531743	+++
Very Fine	S2528	5	63642531751	+++
100x3500mm				
Coarse	S2228	5	63642531760	+++
Medium	S2328	5	63642531761	+++
Fine	S2428	5	63642531764	+++
Very Fine	S2528	5	63642531784	+++
150x2000mm				
Coarse	S2228	5	63642531787	+++
Medium	S2328	5	63642531813	+++
Fine	S2428	5	63642531816	+++
Very Fine	S2528	5	63642531819	+++

* Made to order

NOTES

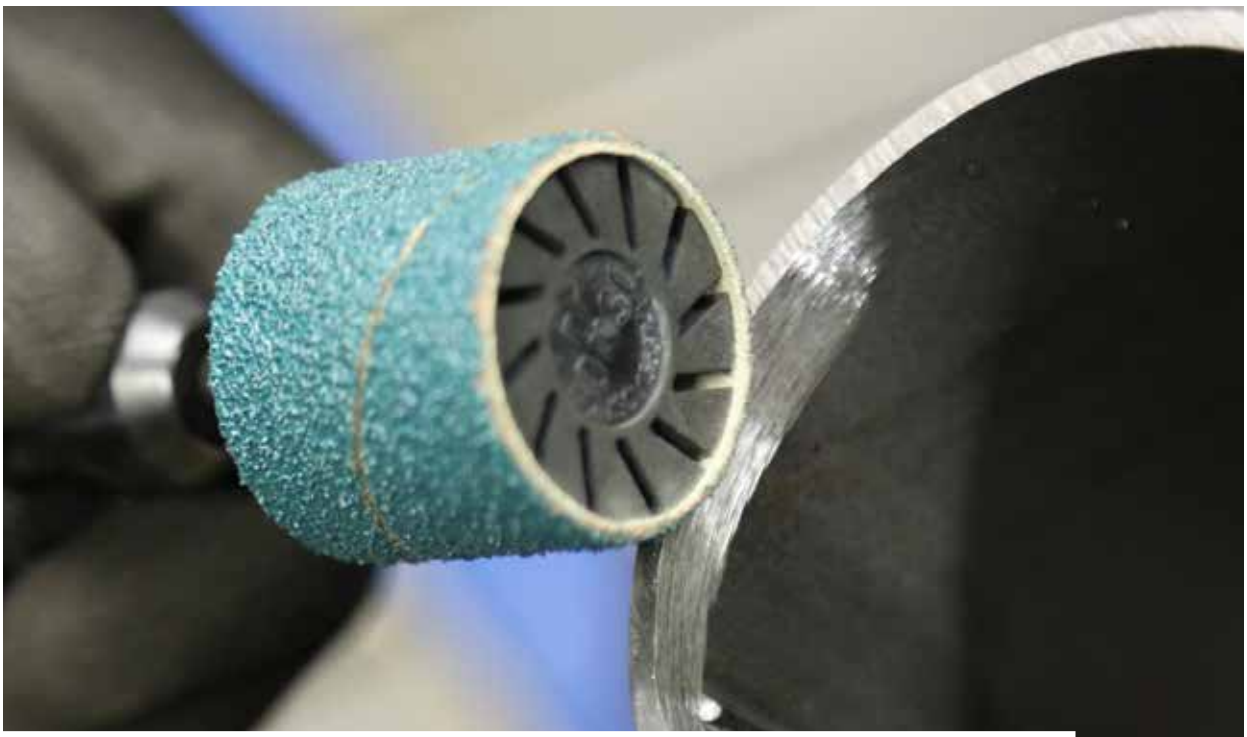
NORTON®

SAINT-GOBAIN

COATED ABRASIVES

SPECIALTIES

Spirabands and Cones	202
Cartridge and Spiral rolls	206
Sanding stars	210



SPIRABANDS & CONES
FOR DIE GRINDERS

Both abrasive spirabands and cones are unique shapes designed to access hard-to-reach areas including internal diameters, edges, surfaces curves and contours of components. They are ideal for removing parting lines, imperfections and burrs on surfaces and post-processing and repair work on metal structures, achieving high stock removal thanks to premium grain and exceptional product life even under the most demanding operating conditions. The spiral construction avoids shadow marks and provides smooth, chatter-free cutting action. Easy to mount and remove from cylindrical rubber mandrel by turning slightly to the right.

Spirabands and cones perform best at a recommended speed of 20-30m/s to optimise stock removal and surface finish whilst avoiding thermal load of the workpiece and tool wear.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

MATERIALS	BLAZE R920	NORZON R822
	+++++	++++
Stainless steel, inox and duplex	✓✓	✓
Inconel, titanium and super alloys	✓✓	✓
Carbon steel, construction steel and mild steel	✓✓	✓✓
Cast iron	✓	✓✓
Non-ferrous metal (brass/aluminium)		✓
Hard and soft wood		✓✓

BLAZE R920 +++++

- The best choice on stainless steel, inconels, chromium cobalt, titanium and extremely hard materials
- Maximum performance helps achieve the lowest overall grinding cost on the most difficult-to-grind materials
- Premium ceramic alumina grain provides longer life versus any other spiraband on stainless, titanium and super alloys
- Works well in heavy duty applications for maximum stock removal, reduced heat, loading and glazing

METAL INOX

	DIM DIAxW (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
ABRASIVE SPIRABANDS						
	15x30	36	100	66261137086	25000 - 31500	7660705182
		60	100	66623331569		
		80	100	66623331571		
	22x20	36	100	66254402665	17500 - 21000	63642562578
		60	100	66261192992		
		80	100	66623330997		
	30x30	36	100	66261137092	12700 - 15800	7660707918
		60	100	66254493572		
		80	100	63642504970		
	45x30	36	100	66254402667	9250 - 10500	7660705196
		60	100	66261031600		
		80	100	66623331020		

Dimensions Key: DIM = Dimensions, DIA = Diameter, W = Width

Other dimensions available upon request

NORZON R822 ++++

- A great choice for carbon steel and welds
- Prevents loading on aluminium
- Zirconia abrasive provides an aggressive cut and long life on carbon steel and welds
- Ideal for use on irregular shaped components such as curves, or recesseses

METAL INOX HARD WOOD

	DIM DIAxW (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
ABRASIVE SPIRABANDS						
	13x25	36	100	66261176616	29400 - 36500	7660705185
		50	100	63642528507		
		60	100	66261032722		
		80	100	63642528508		
	15x30	36	100	66261034127	25000 - 31500	7660705182
		50	100	63642528509		
		60	100	66623386740		
		80	100	63642528496		

Formerly X-Treme R822

SPIRABANDS & CONES FOR DIE GRINDERS

DIM DIAxW (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
ABRASIVE SPIRABANDS					
22x20	36	100	63642539865	17500 - 21000	63642562578
	50	100	63642528497		
	60	100	63642539866		
	80	100	63642539867		
25x25	36	100	63642528510	15300 - 19000	7660705183
	50	100	63642528511		
	60	100	66623316384		
	80	100	63642528512		
30x30	36	100	63642566870	12700 - 15800	7660707918
	50	100	63642535053		
	60	100	63642545925		
	80	100	63642545926		
38x25	36	100	66261180965	10000 - 12500	7660717568
	50	100	66261180966		
	60	100	66261137836		
	80	100	66261180967		
45x30	36	100	63642528498	9250 - 10500	7660705196
	50	100	63642528514		
	60	100	63642545928		
	80	100	63642528515		
51x25	36	100	63642528516	7500 - 9300	7660705184
	50	100	66261180974		
	60	100	66261137837		
	80	100	63642528518		
60x30	36	100	63642536541	6500 - 7900	7660717631
	50	100	63642539765		
	60	100	63642539874		
	80	100	63642539766		

DIM DBxDTxH (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
ABRASIVE CONES					
20x14x63	36	100	66261176761	25000 - 31500	7660740439
	50	100	66261176657		
	80	100	66261176656		
	120	100	66261176540		
36x22x60	36	100	63642520987	15300 - 19000	7660740441
	50	100	63642536572		
	80	100	63642545922		
	120	100	66261176703		

Dimensions Key: DIM = Dimensions, DB = Base diameter, DT = Top diameter, H = Height

Formerly X-Treme R822

ACCESSORIES ++++

- Rubber expanding mandrel gives a forgiving finish
- Shaft diameter 6mm
- Easy to mount and remove spiraband from serrated rubber holder by turning slightly to the right

FERR. & NON FERR.

	DIM DxWxS (mm)	PK QTY	ART NO.
SPIRABAND MANDRELS			
	13x25x6	1	7660705185
	15x30x6	1	7660705182
	22x20x6	1	63642562578
	25x25x6	1	7660705183
	30x30x6	1	7660707918
	38x25x6	1	7660717568
	45x30x6	1	7660705196
	51x25x6	1	7660705184
	60x30x6	1	7660717631

	DIM DBxDTxH (mm)	PK QTY	ART NO.
CONE MANDRELS			
	20x14x63	1	7660740439
	36x22x60	1	7660740441

CARTRIDGE & SPIRAL ROLLS
FOR DIE GRINDERS

Cartridge rolls are excellent for getting into small spaces, intricate areas and inside surfaces and corners where other abrasive shapes cannot reach. The abrasive cloth is rolled and glued to form a solid shape with abrasive grain on all sides. As the products are used, the grain fractures during use and reveals the next layer of abrasive, continually renewing the cutting edge. Typically, cartridge rolls are used on high-speed air grinders mounted on a mandrel for flash removal, polishing, or removing machine tool marks, edge breaking and dressing fillet weld seams on metal structures.

High speed air grinders are compact and lightweight for using mandrel-mounted abrasives, allowing better control than larger die grinders, they're a 'must' for any detail work on small parts. Cartridge and spiral rolls perform best at a recommended speed of 6-9 m/s to optimise stock removal and surface finish whilst avoiding thermal load of the workpiece and tool wear.

PRODUCT SELECTION GUIDE

Highly recommended ✓✓
Recommended ✓

MATERIALS	BLAZE R920	R422	METAL R265
	+++++	++++	+++
Stainless steel, inox and duplex	✓✓		
Inconel, titanium and super alloys	✓✓		
Carbon steel, construction steel and mild steel	✓✓		✓
Cast iron	✓		✓✓
Non-ferrous metal (brass/aluminium)		✓	✓✓
Hard and soft wood		✓✓	✓
Composite materials		✓✓	✓
Stone, concrete		✓✓	
Glass, plastic		✓✓	

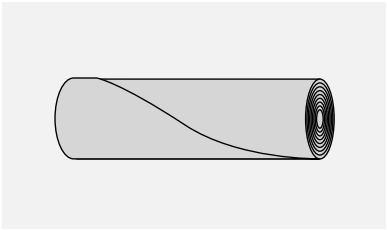
SHAPE RECOMMENDATION GUIDE

STRAIGHT ZPE

Straight rolls wear to the shape required. Effective for:

- Flash removal
- Polishing or removing machine tool marks
- Edge breaking
- Reaching into corners, where larger diameter tools cannot work

All cartridge rolls are resin bond, half-glued.

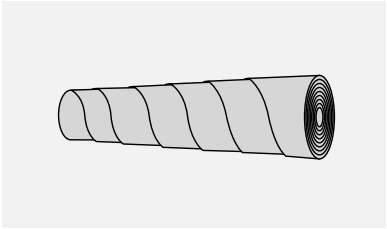


SPIRAL ZSPI

Spiral rolls are suited for use on contoured parts. Effective for:

- Grinding/polishing of channels, fillets and radii, and deburring small holes
- Tapered end can be used when the area to finish is hard to reach with a full cartridge roll
- Conforms to small areas
- Fits into irregular concaves, contours, channels

All spiral rolls are fully tapered, resin bonded, half glued.



BLAZE R920 +++++

- Ceramic alumina grain for the highest productivity of all rolls, with faster cut rate and long life
- Grinding aid provides a cooler cut and reduced loading and glazing on hard to grind materials stainless steel, cobalt, inconel and titanium
- Improved bond system retains the grain for longer, helping you get more use from just one product
- Strong backing provides excellent durability even under tough pressure and wears evenly

METAL INOX

	DIM BSxLxB (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
STRAIGHT ZPE						
	6x25x3	120	50	66261128994	19000 - 28600	63642556790
	6x38x3	80	50	66261128986	19000 - 28600	63642556791
		120	50	66261128995		
	10x38x3	80	50	66261128988	11500-17200	63642556791
		120	50	66261128997		
	13x38x3	60	50	66261128975	8800 - 13200	63642556791
		80	50	66261128990		
		120	50	66261128999		
	19x38x3	120	50	66261129001	6000 - 9000	63642556791

Dimensions Key: DIM = Dimensions, BS = Base diameter, L = Length, B = Bore
Other dimensions available upon request

CARTRIDGE & SPIRAL ROLLS FOR DIE GRINDERS

	DIM BSxLxB (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
SPIRAL ZSPI						
	10x38x3	60	50	66261129486	11500 - 17200	63642556791
		80	50	66261129493		
	13x38x3	60	50	66261129489	8800 - 13200	63642556791
		80	50	66261129496		

R422 ++++

- Sharp silicon carbide abrasive for high initial cut on non-ferrous and soft-loading materials such as titanium, masonry, composites, plastic and rubber
- Resin bond system holds the grain for longer, helping you get more use from just one product
- A great solution for grinding titanium on non-ferrous aircraft and engine parts
- Ideal solution for sanding and polishing channels, fillets, recesses, radii, small contours and the bottom of dead-end holes

	DIM BSxLxB (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
STRAIGHT ZPE						
	13x38x3	60	50	66261129008	8800 - 13200	63642556791
		80	50	66261129018		

Dimensions Key: DIM = Dimensions, BS = Base diameter, L = Length, B = Bore

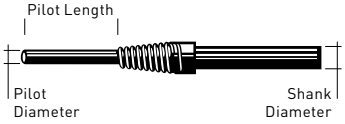
	DIM BSxLxB (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE
SPIRAL ZSPI						
	13x38x3	60	50	66261129526	8800 - 13200	63642556791
		80	50	66261129535		
		120	50	66261129547		

Dimensions Key: DIM = Dimensions, BS = Base diameter, L = Length, B = Bore

Formerly X-Treme R422

STEEL MANDREL FOR CARTRIDGE ROLLS

DESCRIPTION	DIM DIAxL (mm)	SHAFT DIAMETER (mm)	PK QTY	ART NO.
Steel mandrel for cartridge rolls with a 6mm shaft	3x19	6mm	1	63642556790
	3x25	6mm	1	63642556791



Dimensions Key: DIM = Dimensions, DIA = Pilot diameter, L = Pilot length

METAL R265 +++

- A good choice for hard-to-grind materials that require an economical option or for multi-purpose applications
- Resin bond system ensures edge adhesion
- Aluminium oxide abrasive provides a good cut rate and good product life
- Runs cooler and more efficiently; ideal for grinding exotic alloys

FERR. & NON FERR.

	DIM BSxLxB (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE	
STRAIGHT ZPE							
	6x38x3	60	50	66261128877	19000 - 28600	63642556791	
		80	50	66261128899			
		120	50	66261128909			
	10x38x3	60	50	66261128886	11500 - 17200	63642556791	
		80	50	66261128901			
		120	50	66261128912			
	13x38x3	60	50	66261128891	8800 - 13200	63642556791	
		80	50	66261128904			
		120	50	66261128914			

	DIM BSxLxB (mm)	GRIT	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)	MANDREL CODE	
SPIRAL ZSPI							
	10x38x3	60	50	66261129106	11500 - 17200	63642556790	
		80	50	66261129113			
		120	50	66261129121			
	13x38x3	60	50	66261129109	8800 - 13200	63642556791	
		80	50	66261129117			
		120	50	66261129124			

Dimensions Key: DIM = Dimensions, BS = Base diameter, L = Length, B = Bore

Formerly BDX R265

MADE-TO-ORDER PRODUCT AVAILABILITY

PRODUCT / GRIT	60	80	120
BLAZE R920	•	•	•
R422	•	•	•
METAL R265	•	•	•

MINIMUM ORDER QUANTITY STRAIGHT ZPE

DIAMETER (mm)	MINIMUM ORDER QUANTITY
6x25x3	250 pieces
6x38x3	250 pieces
10x25x3	250 pieces
10x38x3	250 pieces
13x25x3	250 pieces
13x38x3	250 pieces
19x25x3	250 pieces
19x38x3	250 pieces

MINIMUM ORDER QUANTITY SPIRAL ZSPI

DIAMETER (mm)	MINIMUM ORDER QUANTITY
10x25x3	250 pieces
10x38x3	250 pieces
10x50x3	250 pieces
13x25x3	250 pieces
13x38x3	250 pieces
19x38x3	250 pieces
19x50x3	250 pieces

SANDING STARS

Ideal for deburring and finishing difficult to access metal applications, irregular shaped components, holes, radii and grooves as small as 35mm, as well as removing sharp edges which may cause manual handling problems on irregular or awkward sized components. The perfect tool for applications requiring a perfect 360º finish, ideal for irregular surfaces due to high flexibility and conformability. Sanding stars are a multi-layered abrasive tool that are rived together on a 6mm shaft.

Sanding stars perform best at a recommended speed of 15-25m/s for optimising stock removal and surface finish whilst avoiding thermal load of the workpiece and tool wear.

PRODUCT SELECTION GUIDE SANDING STARS

Highly recommended ✓✓
Recommended ✓

MATERIALS	BLAZE R946
	+++++
Stainless steel, inox and duplex	✓✓
Inconel, titanium and super alloys	✓✓
Carbon steel, construction steel and mild steel	✓✓
Cast iron	✓

BLAZE R946 +++++

- Cuts cooler and lasts longer on stainless steel, cobalt, inconel, titanium and other hard-to-grind materials
- Maximum performance for lowest overall grinding cost on your most difficult-to-grind materials
- Reduced heat, loading and glazing on stainless, titanium and super alloys
- Conforms to irregular shaped components and contours

METAL INOX

DIM DIAxS (mm)	GRIT	NUMBER OF PLIES	PK QTY	ART NO.	RECOMMENDED SPEED (RPM)
40x6	60	12	10	66261131904	7200 - 12000
	120	12	10	66261132447	
60x6	60	12	10	66261132442	4800 - 8000
	120	12	10	66261132449	
100x6	60	12	10	66261132445	2900 - 4800
	120	12	10	66261132452	

MADE-TO-ORDER PRODUCT AVAILABILITY

PRODUCT / GRIT	80	120	150	180	240	320
BLAZE R946	•	•	•	•	•	•
NORZON R427*	•	•	•	•	•	
METAL R309*	•	•	•	•	•	•

* available as MTO

MINIMUM ORDER QUANTITY

DIAMETER (mm)	MINIMUM ORDER QUANTITY
25	50 pieces
40	50 pieces
50	50 pieces
60	50 pieces
70	50 pieces
80	50 pieces
100	50 pieces
125	50 pieces

SAFETY ADVICE

GENERAL PRECAUTIONS

Safety instructions provided by the machine manufacturers must be followed. Where fitted, all guards, covers and hoods must be in place on the machine during grinding, and should not be modified in any way. Abrasives should not be used near inflammable material or in an environment where there is a risk of explosion.

Sparks should be directed away from the face and body, if possible towards the floor. Dust extraction equipment must be used whenever it is available. The instructions for use given by the abrasive manufacturer must be followed e.g. 'Not to be used without a support', or 'Not to be used for wet grinding'. The workpiece must be firmly fixed before grinding starts. Check all abrasives visually before use and make certain that the product is suitable for the application. No modifications should be made to abrasive products after delivery.

When using a portable grinder always switch it off and allow the spindle to stop completely before putting the tool down.

TRANSPORT & STORAGE

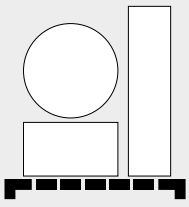
All coated abrasives should be handled carefully. Damage can be caused by mishandling, which should be avoided. Coated abrasives should be stored in dry, frost-free conditions. They should be kept away from heat sources, cold, damp walls, doors or windows and should not be in direct contact with the floor. Temperatures and humidity should be between 18°C and 22°C and 45%-65% relative humidity. Coated abrasives should not be exposed to direct sunlight. Products should be kept in their original packaging until immediately before use. Once unpacked, they should be stored in a way which avoids distortion.

Temperature and humidity are the two most important climatic factors influencing coated abrasive performance. Backings and adhesives are sensitive to climatic changes and will gain or lose moisture according to the relative humidity of their surroundings.

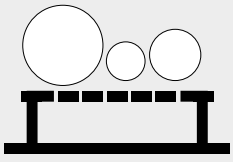
Excessive humidity may cause a softening of some types of adhesive bonds so that the product quickly fills and clogs, or loses its grain during use. Excessive dryness may cause brittleness, reduced flexibility, and distortion of product shapes.

As moisture in the coated abrasive product increases or decreases, dimensional changes can occur. When the backing changes more than the adhesive bond, it causes cupping.

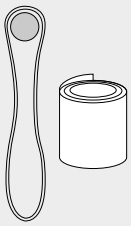
High and low humidity can cause concave and convex cupping respectively. The newer synthetic-backed belts are not affected by moisture. Broad temperature swings will not permanently harm these products either, but cold temperatures will cause a "cold set" condition. Consequently, these products should be allowed to come to room temperature before use.



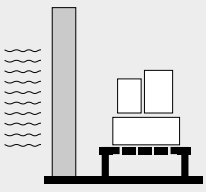
KEEP PRODUCTS IN ORIGINAL PACKAGING



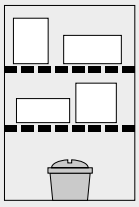
STORE BULK ROLLS FLAT



STORE BELTS PROPERLY



KEEP AWAY FROM HEAT / COLD SOURCES



PRE-CONDITION BEFORE USE

- Keep products in original packages. These packages facilitate handling and can be stacked in the most practical and convenient manner.
- Bulk rolls should not be allowed to stand on edge after they have been unpacked. Store flat on shelves or pallets.
- Narrow belts which have been removed from the carton should be rolled up and stored on edge on a clean shelf. Belts may be draped over a large cylinder, such as a brake drum, or flanged hanger of the type used for a garden hose. Never hang a belt from a nail – the backing will crease and the abrasive belt might crack.
- Wide belts should be hung over a tube of at least 100mm diameter. Centre the belt joint over the tube and add a light weight (such as old packaging tubes) to the bottom loop of the belt to aid in removing set.
- Condition for 24 hours prior to use.
- For maximum product efficiency, precondition coated abrasive products in a chamber of controlled temperature and humidity before use.

SAFETY ADVICE

For your safety you should ensure that you are fully aware of how to safely use abrasives

DO's

Read the safety instructions provided by the abrasives and equipment supplier
Store abrasives in dry, frost-free conditions avoiding wide variations in temperature
Ensure that the product is suitable for its purpose
Handle, store and transport products with care
Disconnect the power to the machine before fitting the product
Examine all products before mounting and periodically during use for possible defects or damage (core flatness, fatigue cracks, undercutting, arbor hole damage...)
Check that correct mounting devices are used and that they are clean, undistorted and free from burrs
Ensure that work rests are properly adjusted and secure
Always use a correctly designed and adjusted guard (on belts)
Ensure that the workpiece is secure
Wear appropriate personal protective equipment at all times
Avoid clogging and uneven wear to ensure that the product is working efficiently
Ensure accordance between product direction arrow / machine rotation
Ensure that all machines using abrasives meet the requirements of the current European machinery directives-CE
Be aware of the hazards likely during the use of abrasives and observe the recommended precautions to be taken: • Bodily contact with the abrasive product at operating speed • Injury resulting from product breakage during use • Grinding debris, sparks, fumes and dust generated by the grinding process • Noise • Vibration

DON'Ts

Allow untrained people to use abrasives
Use a product that is damaged
Use a product if it cannot be properly identified
Use a machine that is not in good working order or one with defective parts
Force the abrasive onto the mounting device or modify the size of the mounting hole
Exceed the maximum operating speed marked on the product
Apply shock or excessive force to the product or let it overheat
Use mounting flanges which are not clean and flat
Tighten the mounting device excessively
Start the machine until the guard is in place and fastened securely
Continue to use a product if vibration occurs
Grind on the part of the product which is not designed for the operation
Start the machine with the workpiece in contact with the abrasive product
Grind material for which the product is not designed
Stop the abrasive by applying pressure to its surface, let it stop naturally
Wear loose clothing, ties and jewellery
Use abrasive products near flammable materials

SAFETY ADVICE

PERSONAL PROTECTION

Safety goggles, ear defenders, safety gloves, dust masks and, if conditions are severe, additional face protection. Leather aprons and safety shoes must be worn.

Wear a mask (ISO 7010)

Wear protective gloves (ISO 7010)

Wear eye protection (ISO 7010)

Wear ear protection (ISO 7010)

Refer to instruction manual/ booklet (ISO 7010)

Only suitable for wet grinding

Do not use for wet grinding (ISO 7010)