

NORTON

SAINT-GOBAIN

Transforming
surfaces
...and beyond

RIGHT ANGLE GRINDER SOLUTIONS



SAINT-GOBAIN



INTRODUCTION

At Norton, we know everything there is to know about abrasives. Using our technical expertise and experience gained over many years of manufacturing and selling the full range of products for the metal fabrication market, including cutting-off and grinding wheels, flap and fibre discs and finishing and polishing products, we are best placed to help you understand the right solution for each stage of the application process.

This performance solution brochure for right angle grinder applications offers you products, recommendations and advice for working on a variety of metals, allowing you to be more productive and achieve a more profitable return on your investment. With this brochure, you will be able to:

- Match application needs and requirements to real solutions
- Understand our latest product innovations
- Choose a high performance or more economical product according to your application needs
- Follow a step-by-step process to achieve the best results at each stage

To see the products for yourself, training and demonstration opportunities are available and held in our Centre of Excellence facilities located across Europe.

For more information, contact your local sales representative.

The colour-coded chart of metal fabrication operations represents the eight key application processes found in metal fabrication today, where right angle grinders are most commonly used. It is referenced on each page, providing a 'best product' solution for each application to help you understand which one you need.

STEP-BY-STEP PROCESS		
1		CUTTING Cutting-disc for correct dimensioning.
2		GRINDING Grinding disc to remove welds and burrs.
3		STOCK REMOVAL FLAP DISC Remove heavy weld seams and excess material. Long product life. FIBRE DISC Remove excess material from flat and contoured surfaces.
4		BLENDING & REFINING Impart a uniform finish.
5		DEBURRING Remove burrs, radiusing and break sharp edges.
6		SURFACE PREP & CLEANING Remove dirt, rust or corrosion and prepare surface prior to coating or welding.
7		FINISHING Reduce surface roughness, apply a cosmetic finish, prepare for polishing.
8		POLISHING Final step to provide a high gloss finish.

GRIT APPLICATION TABLE

The table below shows the grit overlap for each product type and every stage of the application process.

COARSE (GRINDING)					FINE (FINISHING)				
Grit or Grade	24	36	40	50	Extra Coarse 60	Coarse 80	Medium 120	Fine 150-180	Very Fine 180-240
Cutting & Grinding Discs	CUTTING								
	HEAVY DUTY GRINDING								
Coated & Non- Woven	STOCK REMOVAL								
					BLENDING & REFINING				
					DEBURRING				
							SURFACE PREPARATION & CLEANING		
								FINISHING	

UNDERSTANDING THE APPLICATION MATRIX

For each of the eight key application processes, the Application Matrix provides a product selection guide. Divided by material and cost requirement (performance or economy), the guide provides a recommendation for selecting the perfect product solution at every stage.

Application: _____
Identify your application from each of the eight colour-coded stages of the process.

Material: _____
Select from stainless steel, mild steel and aluminium, depending on your work material.

Product Requirement: _____
Choose between innovative products providing exceptionally high performance and value solutions, which offer a good price/performance ratio.

Product Solution: _____
Our recommendation to direct you to the best product for your application needs.

PERFORMANCE PRODUCTS WORK OPTIMALLY ON TOOLS WITH HIGHER POWER, 1200W AND ABOVE.

RIGHT ANGLE GRINDER PROCESS

1

CUTTING

2

GRINDING

3

STOCK REMOVAL

4

BLENDING & REFINING

5

DEBURRING

6

SURFACE PREP & CLEANING

PERFORMANCE ✓

STAINLESS STEEL

VALUE ✓

NEW NORTON QUANTUM3

- Reduced vibration for enhanced comfort
- Sharper grain for a quicker cut
- Longer disc life reduces downtime and waste

NORTON VULCAN

- Good cutting
- Good product life
- Straight and qu

NEW NORTON QUANTUM3 INOX

- Ceramic grain for the highest material removal rate
- Reduced vibration for enhanced comfort
- Easy to steer and control

NORTON VULCAN

- Ideal for general p
- Good product life
- Consistent perform

NORTON QUANTUM

- Ceramic abrasive for maximum performance
- Aggressive, consistent and cooler cut
- Long product life compared to standard discs

NORTON X-TREME

- Fast and aggressive c
- Tough polyester backin

VORTEX RAPID BLEND

- Cut and finish with one disc
- Engineered grain removes light weld beads finish
- Long disc life and comfortable to use

VORTEX RAPID PREP

- Good performance and life
- Open structure resists loa
- Can be used for applicatio

VORTEX RAPID BLEND

- Vortex grain cuts in coarse grades and finishes in fine grades
- Clean bond technology prevents smearing and loading
- Creates a burr-free surface faster

RAPID PREP (SCM)

- Good performance
- Open structure resists loading
- Coarse grades available for de

BLAZE RAPID STRIP

- High performance C
- 24

RIGHT ANGLE GRINDER PROCESS			STAINLESS STEEL	
			PERFORMANCE ✓✓	VALUE ✓
1		CUTTING	NEW NORTON QUANTUM3 <ul style="list-style-type: none"> Reduced vibration for enhanced comfort Sharper grain for a quicker cut Longer disc life reduces downtime and waste 	NORTON VULCAN <ul style="list-style-type: none"> Good cutting performance Straight and quick cuts
2		GRINDING	NEW NORTON QUANTUM3 INOX <ul style="list-style-type: none"> Ceramic grain for the highest material removal rate Reduced vibration for enhanced comfort Easy to steer and control 	NORTON VULCAN <ul style="list-style-type: none"> Ideal for general purpose grinding Good product life and metal removal rate Consistent performance
3		STOCK REMOVAL	NORTON QUANTUM <ul style="list-style-type: none"> Ceramic abrasive for maximum performance Aggressive, consistent and cooler cut Long product life compared to standard discs 	NORTON X-TREME R860 <ul style="list-style-type: none"> Fast and aggressive cut rate Tough polyester backing for long life
4		BLENDING & REFINING	VORTEX RAPID BLEND <ul style="list-style-type: none"> Cut and finish with one disc Engineered grain removes light weld beads and spatter, deburrs and imparts a smooth finish Long disc life and comfortable to use 	VORTEX RAPID PREP (SCM) <ul style="list-style-type: none"> Good performance and life Open structure resists loading Can be used for applications from deburring to finishing
5		DEBURRING	VORTEX RAPID BLEND <ul style="list-style-type: none"> Vortex grain cuts in coarse grades and finishes in fine grades Clean bond technology prevents smearing and loading Creates a burr-free surface faster 	RAPID PREP (SCM) <ul style="list-style-type: none"> Good performance Open structure resists loading Coarse grades available for deburring
6		SURFACE PREP & CLEANING	BLAZE RAPID STRIP <ul style="list-style-type: none"> High performance Ceramic grain for 2x faster cut & longer life Surface condition, strip and clean with one disc, without gouging the surface 	RAPID STRIP <ul style="list-style-type: none"> Aggressive, controlled cut Easy cleaning without loading Ideal for general purpose use on a variety of metals
7		FINISHING	RAPID BLEND NEX-SF <ul style="list-style-type: none"> Imparts a high quality, shiny surface finish Ideal choice for finishing prior to polishing and paint preparation Open structure resists loading 	RAPID PREP (SCM) <ul style="list-style-type: none"> Medium to fine grades for finishing and pre-polishing
8		POLISHING	RAPID POLISH <ul style="list-style-type: none"> Felt wool polishing pad for a high shine finish Use with or without polishing compound or paste 	

MILD STEEL		ALUMINIUM	
PERFORMANCE ✓✓	VALUE ✓	PERFORMANCE ✓✓	VALUE ✓
NEW NORTON QUANTUM3 <ul style="list-style-type: none"> Reduced vibration for enhanced comfort & reduced fatigue Sharper grain for a quicker cut Longer disc life reduces downtime and waste 	NORTON VULCAN <ul style="list-style-type: none"> Good cutting performance Straight and quick cuts 	NEW NORTON ALU <ul style="list-style-type: none"> No clogging, even on soft metal Sharp aluminium oxide grain for fast and clean cuts 	NORTON MULTI MATERIAL <ul style="list-style-type: none"> One wheel for all materials Quick, comfortable and versatile
NEW NORTON QUANTUM3 <ul style="list-style-type: none"> Ceramic grain for the highest material removal rate Significant savings in time and productivity High performance in rough applications 	NORTON VULCAN <ul style="list-style-type: none"> Ideal for general purpose grinding Good product life and metal removal rate Consistent performance 	NEW NORTON ALU <ul style="list-style-type: none"> Sharp aluminium oxide grain enables fast material removal Reduces clogging during grinding Achieves a smooth finish 	NORTON MULTI MATERIAL LIGHT COMFORT GRINDING <ul style="list-style-type: none"> The 3mm thick wheel ensures precision and accuracy during grinding Easy access to hard to grind areas, corners and tight grooves
NORTON X-TREME R860 <ul style="list-style-type: none"> Fast and aggressive cut rate Tough polyester backing for long life 	NORTON F970 BLAZEX <ul style="list-style-type: none"> Increased cut rate for longer life Tear resistant for tough applications 	NORTON VULCAN ZIRCONIA <ul style="list-style-type: none"> Self sharpening Zirconia grain removes burrs and material quickly through life of the disc 	NORTON FIBRE DISC F100 <ul style="list-style-type: none"> Tough & versatile aluminium oxide abrasive fibre discs for processing steel and metal alloys
NEW NORTON ALU MESH FLAP DISC <ul style="list-style-type: none"> The mesh structure allows faster material removal without clogging and reduces heat generation during use for better part quality and minimal material loss 			NORTON FIBRE DISC F100 <ul style="list-style-type: none"> Aluminium oxide grain for good cut rate on soft aluminium alloys
VORTEX RAPID BLEND <ul style="list-style-type: none"> Cut and finish with one disc Engineered grain removes light weld beads and spatter, deburrs and can also impart a smooth finish Long disc life and comfortable to use thanks to the non-woven structure 	RAPID PREP (SCM) <ul style="list-style-type: none"> Good performance and life Open structure resists loading Can be used for applications from deburring to finishing 	VORTEX RAPID BLEND <ul style="list-style-type: none"> Cut and finish with one disc Engineered grain removes light weld beads and spatter, deburrs and imparts a smooth finish Long disc life and comfortable to use 	RAPID PREP (SCM) <ul style="list-style-type: none"> Good performance and life Open structure resists loading Various grades available for different blending styles
VORTEX RAPID BLEND <ul style="list-style-type: none"> Vortex grain cuts in coarse grits and finishes in fine grades Clean bond technology prevents smearing and loading Creates a burr-free surface faster 	RAPID PREP (SCM) <ul style="list-style-type: none"> Good performance Open structure resists loading Coarse grades available for deburring 	NORTON HIGH STRENGTH DISC <ul style="list-style-type: none"> Open structure prevents loading when deburring High strength nylon for conforms to contours for the life of the disc 	RAPID PREP (SCM) <ul style="list-style-type: none"> Good performance Open structure resists loading Coarse grades available for deburring
BLAZE RAPID STRIP <ul style="list-style-type: none"> High performance Ceramic grain for 2x faster cut & longer life Surface condition, strip and clean with one disc, without gouging the surface 	RAPID STRIP <ul style="list-style-type: none"> Aggressive, controlled cut Easy cleaning without loading Ideal for general purpose use on a variety of metals 	NORTON HIGH STRENGTH DISC <ul style="list-style-type: none"> Durable construction for fast surface preparation and cleaning Imparts a good surface for final finishing operations 	RAPID STRIP <ul style="list-style-type: none"> Aggressive, controlled cut Easy cleaning without loading Ideal for general purpose use on a variety of metals
RAPID BLEND NEX-SF <ul style="list-style-type: none"> Imparts a high quality, shiny surface finish Ideal choice for finishing prior to polishing and paint preparation Open structure resists loading 	VORTEX RAPID PREP (SCM) <ul style="list-style-type: none"> Medium to fine grades for finishing and pre-polishing 	RAPID BLEND NEX <ul style="list-style-type: none"> Imparts a high quality, shiny surface finish Ideal for finishing prior to polishing and paint preparation 	VORTEX RAPID PREP (SCM) <ul style="list-style-type: none"> Medium to fine grades for finishing and pre-polishing
RAPID POLISH <ul style="list-style-type: none"> Felt wool polishing pad for a high shine finish Use with or without polishing compound or paste 		RAPID POLISH <ul style="list-style-type: none"> Felt wool polishing pad for a high shine finish Use with or without polishing compound or paste 	

UNDERSTANDING THE PROCESS GUIDE

The process guide focusses on eight common processes using an angle grinder in metal fabrication applications. It's designed to show you our highest performance products for each stage to demonstrate the most effective solution for your operations. Alternative economy solutions can be found in the product index starting on page 26.

WELD PREPARATION AND FINISHING IN 4 STEPS (CARBON STEEL)

STEP 1 CUTTING

Norton Quantum3 cutting discs are easy to use, easy to steer and deliver consistent results. Thanks to the sharp ceramic grain which cuts with ease through the metal, Quantum3 reduces vibration on the surface, making cutting more comfortable.



STEP 2 CLEANING



PRODUCT RECOMMENDATIONS

NEW NORTON QUANTUM3

PRODUCT TYPE	DIA (mm)	T x B (mm)	SPEC.	PK QTY	ART NO.
Type 41	115	1.0x22.23	NQ60Z2	25	66253371347
	115	1.3x22.23	NQ60Z2	25	66253371348
	115	1.6x22.23	NQ60Z2	25	66253371349
	115	1.9x22.23	NQ60Z2	25	66253371350
	115	2.2x22.23	NQ60Z2	25	66253371351
Type 42	125	1.0x22.23	NQ24P	25	66252832258
	125	1.3x22.23	NQ24P	25	66252846123
	125	1.6x22.23	NQ24P	25	66252845041
	125	1.9x22.23	NQ24P	25	66252846174

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BLAZE RAPID STRIP

DIA x B (mm)	CAP CODE	PK QTY	MAX RPM	TYPE	ART NO.
115 x 22	R9101	10	12000	Type 27	66623303783
125 x 22	R9101	10	11000	Type 27	66623303916
178 x 22	R9101	10	8000	Type 27	66623303920



BLAZEX F970X

DIA x H (mm)	GRIT	PK QTY	ART NO.
115x22	36	25	78072718984
125x22	36	25	78072718988
178x22	36	25	78072718992



4 STEP KIT

FOR RIGHT ANGLE GRINDERS
FROM CUTTING TO WELD SEAM REMOVAL

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



ARTICLE NUMBER: 69957366032

**PUT NORTON TO
THE TEST TODAY!**

3 STEP KIT

FOR RIGHT ANGLE GRINDERS
FROM WELD REMOVAL TO A BRIGHT FINISH

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



ARTICLE NUMBER: 69957366033

You Tube

See Norton Right Angle Grinder Solutions in use at
www.YouTube.com/NortonAbrasivesEMEA



or visit our website
www.nortonabrasives.com

WELD PREPARATION AND FINISHING IN 4 STEPS (CARBON STEEL)

STEP 1 CUTTING

Norton Quantum3 cutting discs are easy to use, easy to steer and deliver consistent results. Thanks to the sharp ceramic grain which cuts with ease through the metal, Quantum3 reduces vibration on the surface, making cutting more comfortable.



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 Blaze F970X fibre discs in P36 combined with a hard serrated back-up pad is the best option for bevelling edges. 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.



PRODUCT RECOMMENDATIONS



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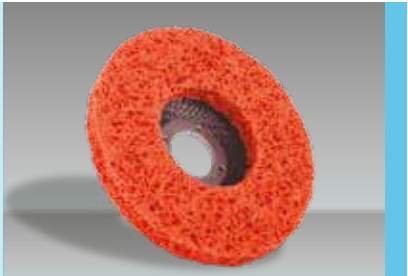
NEW NORTON QUANTUM3

PRODUCT TYPE	DIA (mm)	T x B (mm)	SPEC.	PK QTY	ART NO.	PRODUCT TYPE	DIA (mm)	T x B (mm)	SPEC.	PK QTY	ART NO.
Type 41	115	1.0x22.23	NQ60ZZ	25	66253371347	Type 42	125	2.5x22.23	NQ24P	25	66252832258
		1.3x22.23	NQ60ZZ	25	66253371348		150	2.5x22.23	NQ24P	25	66252846125
		1.6x22.23	NQ46ZZ	25	66253371349		180	2.5x22.23	NQ24P	25	66252845041
	125	1.0x22.23	NQ60ZZ	25	66253371350		230	2.5x22.23	NQ24P	25	66252846174
		1.3x22.23	NQ60ZZ	25	66253371351						
		1.6x22.23	NQ46ZZ	25	66253371352						
	230	2.5x22.23	NQ24P	25	66252845954						
		2.5x22.23	NQ24P	25	66252846173						



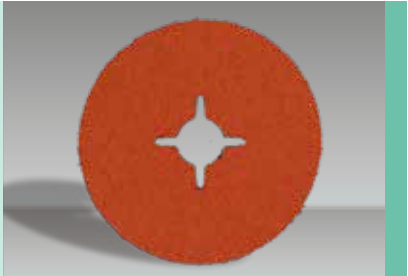
BLAZE RAPID STRIP

DIA x B (mm)	CAP CODE	PK QTY	MAX RPM	TYPE	ART NO.
115 x 22	R9101	10	12000	Type 27	66623303783
125 x 22	R9101	10	11000	Type 27	66623303916
178 x 22	R9101	10	8000	Type 27	66623303920



BLAZEX F970X

DIA x H (mm)	GRIT	PK QTY	ART NO.
115x22	36	25	78072718984
125x22	36	25	78072718988
180x22	36	25	78072718992



NORTON VULCAN R842

DIA x H (mm)	GRIT	PK QTY	ART NO.
115x22	60	10	63642502312
125x22	60	10	63642502317
180x22	60	10	63642502343



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

STEP 1 HEAVY DUTY GRINDING

Remove the excess weld with a Norton Quantum3 grinding wheel for inox, at a 30-45° angle. The grinding discs create a coarse surface finish so it's a good idea to leave a small amount of weld on the surface.

TOP TIP: At 4.2mm thickness, use the Norton Quantum3 Combo disc for rough cutting, grinding in corners and bevelling, thanks to the ceramic grain it makes light work of these applications.



STEP 2 STOCK REMOVAL

Norton Quantum fibre discs in grit P50 used at 10-15° angle will remove the remaining weld quickly. For faster material removal, an air-cooled back-up pad with grit P36 works best.

See page 31 for details on our back-up pads



STEP 3 BLENDING & REFINING

Vortex Rapid Blend 5AM discs are ideal for blending applications and will remove grind lines left by the fibre disc during the stock removal stage. The bright finish left by the Vortex Rapid Blend can be used either as the final finish or as an intermediate step to a polished finish.




PRODUCT RECOMMENDATIONS



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NORTON QUANTUM3

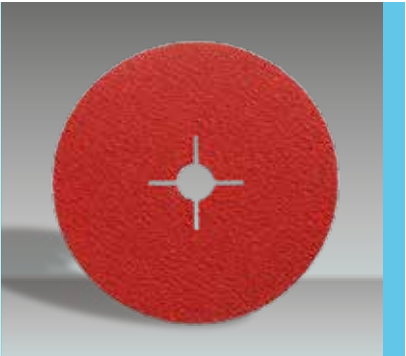
PRODUCT TYPE	DIA (mm)	T x B (mm)	SPECIFICATION	PK QTY	ART NO.
<div> Type 27  </div>	115	4.2x22.23	NQ24R	20	66253371356*
	125	4.2x22.23	NQ24R	20	66253371357
	125	7.0x22.23	NQ24N	10	66252839321
	150	4.2x22.23	NQ24R	20	66253371358
	180	4.2x22.23	NQ24R	20	66253371359
	230	4.2x22.23	NQ24R	20	66253371360
	230	7.0x22.23	NQ24N	10	66252839322

* Made to order



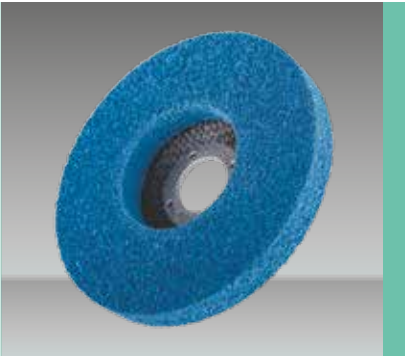
NORTON QUANTUM FIBRE DISC

DIA x H (mm)	GRIT	PK QTY	ART NO.
115x22	36	25	66623327494
	50	25	66623327496
125x22	36	25	66623327501
	50	25	66623327502
180x22	36	25	66623327506
	50	25	66623327507



VORTEX RAPID BLEND

DIA x H (mm)	CAP CODE	MAX RPM	GRADE	APPLICATION	PK QTY	ART NO.
115x22	U2305	12000	VORTEX 5AM	Tig weld removal	10	66254429268
125x22	U2305	12000	VORTEX 5AM	Tig weld removal	10	66254496323



CUTTING-OFF TO A COMMERCIAL FINISH IN 3 STEPS (STAINLESS STEEL)

STEP 1 CUTTING

Norton Quantum3 discs cut with ease through stainless steel. Thanks to the ceramic grain, the discs 'bite' the metal and don't bounce or vibrate during use, meaning a more comfortable cutting experience for the life of the disc.



STEP 2 DEBURRING AND SHAPING

The ceramic grain in Norton Quantum flap discs has an aggressive, consistent cutting action for maximum stock removal. Flap discs deliver longer life and more conformability compared to fibre discs, adapting to the workpiece edge for better results.

Grit P60 produces light finish lines, which can be easily removed using a BearTex surface blending disc; use a powerful angle grinder above 1200W for optimum performance.



STEP 3 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 refine the finish after step 2.





PRODUCT RECOMMENDATIONS




SAINT-GOBAIN

NEW NORTON QUANTUM3

PRODUCT TYPE	DIA (mm)	T x B (mm)	SPEC.	PK QTY	ART NO.	PRODUCT TYPE	DIA (mm)	T x B (mm)	SPEC.	PK QTY	ART NO.
<div> <div>Type 41</div>  </div>	115	1.0x22.23	NQ60ZZ	25	66253371347	<div> <div>Type 42</div>  </div>	125	2.5x22.23	NQ24P	25	66252832258
		1.3x22.23	NQ60ZZ	25	66253371348		150	2.5x22.23	NQ24P	25	66252846125
		1.6x22.23	NQ46ZZ	25	66253371349		180	2.5x22.23	NQ24P	25	66252845041
	125	1.0x22.23	NQ60ZZ	25	66253371350		230	2.5x22.23	NQ24P	25	66252846174
		1.3x22.23	NQ60ZZ	25	66253371351						
		1.6x22.23	NQ46ZZ	25	66253371352						
	150	2.5x22.23	NQ24P	25	66252845954						
		2.5x22.23	NQ24P	25	66252846123						
		2.5x22.23	NQ24P	25	66252846173						



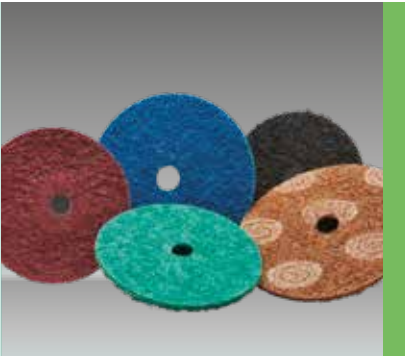
NORTON QUANTUM FLAP DISC

PRODUCT TYPE	DIA x H (mm)	GRIT	PK QTY	ART NO.
<div>  </div>	115x22	60	10	66254461029
Fibreglass backed	125x22	60	10	66254445879



VORTEX RAPID PREP (SCM) DISC COARSE

DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
115	S2203	Coarse	25	66623378974
125	S2203	Coarse	25	66623378975
178	S2203	Coarse	25	66623378976



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

STEP 1 STOCK REMOVAL

Norton Quantum flap discs in grit P60 are 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.




PRODUCT RECOMMENDATIONS



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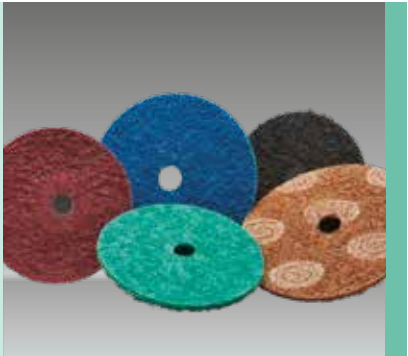
NORTON QUANTUM FLAP DISC

PRODUCT TYPE	DIA x H (mm)	GRIT	PK QTY	ART NO.
	115x22	60	10	66254461029
Fibreglass backed	125x22	60	10	66254445879



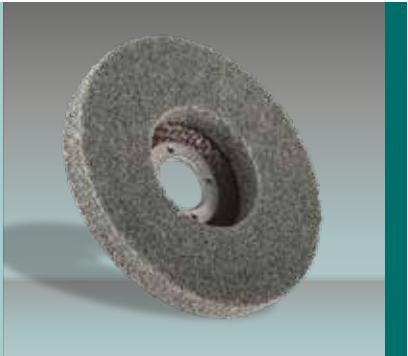
VORTEX RAPID PREP (SCM) DISC

DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
115	S2203	COARSE	25	66623378974
125	S2203	COARSE	25	66623378975
178	S2203	COARSE	25	66623378976



RAPID BLEND NEX

DIM DIAxTxH(mm)	CAP CODE	MAX RPM	GRADE	APPLICATION	PK QTY	ART NO.
115x12x22	U4401	12000	NEX2SF	Blend & Finish	10	66261020546
	U4401	12000	NEX3SF	Blend & Finish	10	66254461726
125x12x22	U4401	12000	NEX2SF	Blend & Finish	10	66254496320
	U4401	12000	NEX3SF	Blend & Finish	10	77696067125



NON-FERROUS METAL PREPARATION FOR PAINT AND COATINGS **IN 2 STEPS**

STEP 1 **STOCK REMOVAL**

Norton Alu Mesh flap discs in P60 are a good choice for non-ferrous materials. Due to the mesh structure they need to be used with light and even pressure to avoid gouging and excess material removal.



STEP 2 **BLENDING & REFINING**

A medium Vortex Rapid Prep (SCM) disc should be used after the fibre disc to impart a finish ready to be coated as it removes scratch patterns and provides a key for any surface coating or paint to adhere to, minimising the risk of peeling.



PRODUCT RECOMMENDATIONS



SAINT-GOBAIN

NORTON ALU MESH FLAP DISC

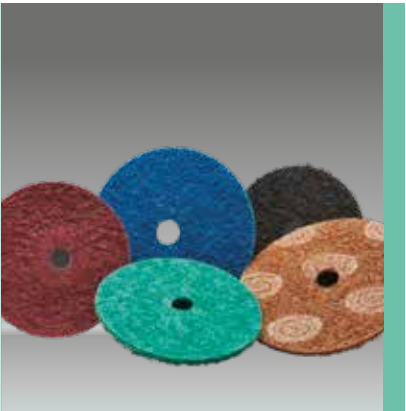
DIA x H (mm)	GRIT	PK QTY	ART NO.
115x22	60	10	78072764488*
125x22	60	10	78072764494

* Made to order



VORTEX RAPID PREP (SCM) DISC

DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
115	S2303	Medium	25	66623378977
125	S2303	Medium	25	66623378978
178	S2303	Medium	25	66623378979



PAINT COATING AND CORROSION REMOVAL

2 OPTIONS

OPTION 1

SURFACE PREPARATION & CLEANING

Blaze Rapid Strip discs are best used at 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.



OPTION 2

SURFACE PREPARATION & CLEANING

Norton wire cup brushes can be used as an alternative to Blaze Rapid Strip. A range of cup brushes are available for hard to reach areas or flat surfaces. The conformability of the wire structure enables the brush to remove unwanted coatings from uneven or pitted surfaces.

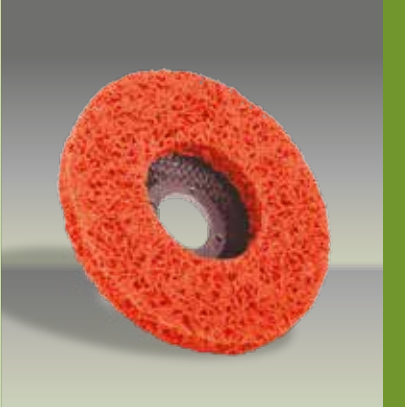


PRODUCT RECOMMENDATIONS



BLAZE RAPID STRIP

DIA x B (mm)	CAP CODE	PK QTY	MAX RPM	TYPE	ART NO.
115 x 22	R9101	10	12000	Type 27	66623303783
125 x 22	R9101	10	11000	Type 27	66623303916
178 x 22	R9101	10	8000	Type 27	66623303920



TWIST KNOTTED CUP BRUSHES

DxA T L (mm)	GRINDER SIZE (mm)	PK QTY	STEEL	STAINLESS STEEL
65xM14 0,50 T20	115 & 125	1	66261103046*	66261103171*
65xM14 0,30 T20	115	1	66254406104	-
65xM14 0,50 T20	115	1	66254406095	66254406068
80xM14 0,50 T25	125	1	66254406094	-

CRIMPED CUP BRUSHES

DxA T L (mm)	GRINDER SIZE (mm)	PK QTY	STEEL	STAINLESS STEEL
75xM14 0,30 T22	115 & 125	1	66261103049*	66261103176*
60xM14 0,30 T16	115	1	66254406058	66254406037
75xM14 0,30 T20	125	1	66254406055	-
80xM14 0,30 T25	125	1	66254406054	66254404868

* With Guard



SCALE REMOVAL & CLEANING IN 1 STEP

OPTION 1 SCALE REMOVAL AND CLEANING

Norton Quantum flap wheels will quickly remove the scale, rust or paint from the workpiece. They are ideal for sanding contours and uneven surfaces, whilst delivering a consistent cut rate. Ideal for linear finishing in metal fabrication and welding industries.

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.



NEW OPTION 2 LINEAR FINISHING

From blending and removing scratches and pit marks to final finishing, Norton BearTex flap wheels are designed to generate a straight line (linear) finish quickly and efficiently without investing in additional specialist power tools.

These wheels offer a great alternative to an orbital finish on lengths and box section steels. Productivity can be improved thanks to the quick-change attachment, allowing fast product changeover and more pieces per wheel to be finished.



PRODUCT RECOMMENDATIONS



SAINT-GOBAIN

NORTON QUANTUM FLAP WHEELS

DIAxWxTH (mm)	GRIT	PK QTY	ART NO.	REC. SPEED (RPM)
125x20 M14	40	5	69957307355	6700-8300
	60	5	69957307356	
	80	5	69957307359	



NORTON BEARTEX FLAP WHEELS

D x T x B (mm)	CAP CODE	MAX RPM	APPLICATION	GRADE	PK QTY	ART NO.
110x50xM14	F2200	5700	Blending/removing scratches & marks	Coarse A (+P80)	2	78072761576
	F2200	5700	Blending / fine graining	Coarse A	2	78072761571
	F2400	5700	Final finishing	Fine A	2	78072761579
125x12x22	F2200	5700	Blending/removing scratches & marks	Coarse A (+P80)	1	78072761577
	F2200	5700	Blending / fine graining	Coarse A	1	78072761574
	F2400	5700	Final finishing	Fine A	1	78072761581



SHARP EDGE REMOVAL AFTER LASER CUTTING

2 OPTIONS (CARBON STEEL)

OPTION 1 REMOVAL OF SMALL BURRS

The Norton High Strength disc is able to quickly and efficiently remove burrs whilst simultaneously rounding sharp edges. The open structure and soft nature of the product reduces the risk of creating flat spots and changing the geometry of the component.



OPTION 2 REMOVAL OF LARGE BURRS

The Norton Rapid Blend disc is more compact and heavy duty enabling removal of larger burrs, that are created by laser cutting and also sharp edges.

The solid 3D structure of the product gives longer life and better productivity.



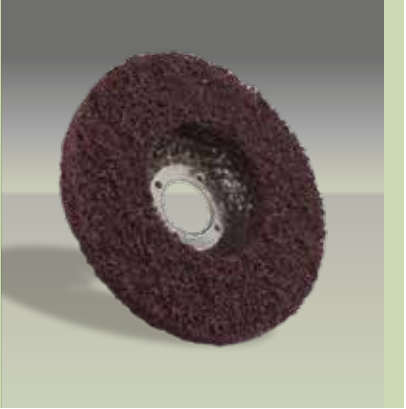
PRODUCT RECOMMENDATIONS



SAINT-GOBAIN

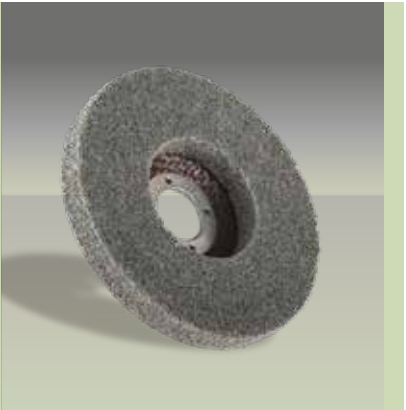
NORTON HIGH STRENGTH DISCS

DIA x B (mm)	CAP CODE	PK QTY	MAX RPM	GRADE	ART NO.
115 x 22	F2303	10	12000	HSMA MEDIUM	66261020549
125 x 22	F2303	10	12000	HSMA MEDIUM	78072702394



RAPID BLEND NEX

DIM DIAxTxH(mm)	CAP CODE	MAX RPM	GRADE	APPLICATION	PK QTY	ART NO.
115x12x22	U4401	12000	NEX2SF	Blend & Finish	10	66261020546
	U4401	12000	NEX3SF	Blend & Finish +	10	66254461726
125x12x22	U4401	12000	NEX2SF	Blend & Finish	10	66254496320
	U4401	12000	NEX3SF	Blend & Finish	10	77696067125



PRODUCT INDEX

CUTTING

BEST

STAINLESS STEEL

MILD STEEL

NEW NORTON QUANTUM3

- Less cutting vibration increasing operator comfort
- Sharper grain for a quicker cut
- Longer disc life reducing downtime and waste



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 41	115	1.0x22.23	NQ 60 ZZ	25	66253371347
		1.3x22.23	NQ 60 ZZ	25	66253371348
		1.6x22.23	NQ 46 ZZ	25	66253371349
	125	1.0x22.23	NQ 60 ZZ	25	66253371350
		1.3x22.23	NQ 60 ZZ	25	66253371351
		1.6x22.23	NQ 46 ZZ	25	66253371352
		2.5x22.23	NQ 24 P	25	66252845954
	150	2.5x22.23	NQ 24 P	25	66252846123
Type 42	230	2.5x22.23	NQ 24 P	25	66252846173
	125	2.5x22.23	NQ 24 P	25	66252832258
	150	2.5x22.23	NQ 24 P	25	66252846125
	180	2.5x22.23	NQ 24 P	25	66252845041
	230	2.5x22.23	NQ 24 P	25	66252846174

PERFORMANCE ✓✓

ALUMINIUM

NORTON ALU

- Ultra-thin for precise cutting
- Special bond and grit for non-ferrous applications
- No clogging, the wheel stays sharp



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 41	115	1.0x22.23 NEW	A 60 Q	25	66252828236*
		1.6x22.23	A 46 Q	25	66252828233
		1.0x22.23 NEW	A 60 Q	25	66252828237*
	125	1.6x22.23	A 46 Q	25	66252828234
		1.6x22.23	A 46 N	25	66252839270
		2.5x22.23	A 36 Q	25	66252828229
	230	1.9x22.23	A 46 Q	25	66252828235
		1.9x22.23	A 46 N	25	66252839271

* +30% performance improvement

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

NORTON VULCAN

- Great price versus performance ratio
- The general purpose range of cutting discs



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 41	115	1.0x22.23	A 60 S	25	66252925431
		1.6x22.23	A 46 S	25	66252925432
		3.0x22.23	A 30 S	25	66252925447
	125	1.0x22.23	A 60 S	25	66252925433
		1.6x22.23	A 46 S	25	66252925434
		3.0x22.23	A 30 S	25	66252925448
		1.6x22.23	A 46 S	25	66252925435
	180	3.0x22.23	A 30 S	25	66252925449
		1.9x22.23	A 46 S	25	66252925436
	230	3.0x22.23	A 30 S	25	66252925450
		2.5x22.23	A 30 S	25	66252925490
Type 42	115	3.2x22.23	A 30 S	25	66252925494
		2.5x22.23	A 30 S	25	66252925491
	125	3.2x22.23	A 30 S	25	66252925495
		2.5x22.23	A 30 S	25	66252925492
	180	3.2x22.23	A 30 S	25	66252925497
		1.9x22.23 NEW	A 46 S	25	66252849388
	230	2.5x22.23	A 30 S	25	66252925493
		3.2x22.23	A 30 S	25	66252925498

VALUE ✓

ALUMINIUM

NORTON MULTI MATERIAL

- One wheel for all materials
- The easy choice in general trade
- No lost time due to wheel changing
- Quick, comfortable and versatile



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 41	115	1.0x22.23	C 60 T	25	66252833258
		1.6x22.23	C 46 T	25	66252828951
	125	1.0x22.23	C 60 T	25	66252918924
		1.6x22.23	C 46 T	25	66252828952
	230	1.9x22.23	C 46 T	25	66252918925

PRODUCT INDEX

GRINDING

BEST

STAINLESS STEEL

MILD STEEL

NORTON QUANTUM3

- Self sharpening grain technology for high material removal and less grinding time
- More comfortable to use with reduced hand fatigue from less cutting vibration
- Longer wheel life means less downtime and waste, fewer wheels needed
- Offers true savings in grinding processes



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 27	115	7.0x22.23	NQ 24 P	10	66253371361
	125	7.0x22.23	NQ 24 P	10	66253371362
	150	7.0x22.23	NQ 24 P	10	66253371363
	180	7.0x22.23	NQ 24 P	10	66253371364
	230	7.0x22.23	NQ 24 P	10	66253371365

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

NORTON QUANTUM3 COMBO

- Rough cut and grind with one wheel
- Improved grinding control ensures precise grinding accuracy
- Ideal for hard to reach areas like corners and grooves
- Smoother feel, reduced fatigue and improved operator comfort
- Boost the amperage on cordless grinders due to light weight / fast cutting



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 27	125	4.2x22.23	NQ 24 R	20	66253371357
	150	4.2x22.23	NQ 24 R	20	66253371358
	180	4.2x22.23	NQ 24 R	20	66253371359
	230	4.2x22.23	NQ 24 R	20	66253371360

PERFORMANCE ✓✓

ALUMINIUM

NORTON ALU

- Sharp aluminium oxide grain for fast material removal
- No clogging, the wheel stays sharp



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 27	115	7.0x22.23 NEW	A 36 Q	10	66252849497* **
	125	7.0x22.23 NEW	A 36 Q	10	66252828228**
	180	7.0x22.23	A 36 Q	10	66252828230
	230	7.0x22.23	A 36 Q	10	66252828232

* Made to order

** Up to +30% performance improvement

PERFORMANCE ✓✓

INOX

NORTON QUANTUM3 INOX

- A softer discs for removing hard and very hard materials fast and neatly.
- No bluing of the material and provides a clean surface without the need to rework before welding.



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 27	125	7.0x2 2.23	NQ 24 N	10	66252839321
	230	7.0x2 2.23	NQ 24 N	10	66252839322

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

NORTON QUANTUM3 LIGHT COMFORT GRINDING

- Ideal for light grinding on thin walled workpieces
- Combines speed and precision in grinding, deburring and bevelling
- At 3mm thickness, less energy is needed to power up & use the wheel
- Boost the amperage on cordless grinders due to light weight / fast cutting
- Self sharpening ceramic grain technology for fast material removal resulting in less grinding time

CORDLESS COMPATIBLE



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 27	115	3.0x22.23	NQ 30 S	10	66252846608
	125	3.0x22.23	NQ 30 S	10	66252846609

PRODUCT INDEX

GRINDING

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

NORTON VULCAN

- For use on low and medium power machines
- Hard steel types

- NEW** Comfort Improvement to 115mm and 125mm
- Reduced vibrations for better comfort whilst grinding
 - Smoother wear and reduced chipping for longer life
 - Higher metal removal rate and lower pressure required for reduced fatigue



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 27	115	6.4x22.23 NEW	A 30 P	10	66252830803*
	125	6.4x22.23 NEW	A 30 P	10	66252830804*
	180	6.4x22.23	A 30 P	10	66252830805
	230	6.4x22.23	A 30 P	10	66252830807

* NEW Comfort improvement

VALUE ✓

ALUMINIUM

NORTON MULTI MATERIAL LIGHT COMFORT GRINDING

- At 3mm thick, the lightweight wheel ensures precision and accuracy during grinding
- Silicon carbide grain removes material quickly on a variety of different materials



PRODUCT TYPE	DIA (mm)	TxB (mm)	SPECIFICATION	PK QTY	ART. NO.
Type 27	115	3.0x22.23	C 30 S	10	66252846610
	125	3.0x22.23	C 30 S	10	66252846611

PRODUCT INDEX

STOCK REMOVAL

PERFORMANCE ✓✓


STAINLESS STEEL

MILD STEEL

NORTON QUANTUM FLAP DISC

- R996 high performance ceramic flap discs for hard to grind metals
- Long product life
- Extremely aggressive ceramic grain for noticeably faster cut rate and cooler grinding



PRODUCT TYPE	DIA x H (mm)	GRIT	PK QTY	ART. NO.
 Fibreglass backed	115x22	40	10	66254461027
		60	10	66254461029
		80	10	66254461031
	125x22	40	10	66254445878
		60	10	66254445879
		80	10	66254461033

PERFORMANCE ✓✓


STAINLESS STEEL

MILD STEEL

NORTON 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



PRODUCT TYPE	DIA x H (mm)	GRIT	PK QTY	ART. NO.
 Fibreglass backed	115x22	40	10	78072726071
		60	10	78072726074
		80	10	78072726075
		120	10	78072726043
	125x22	40	10	78072726076
		60	10	78072726077
		80	10	78072726078
		120	10	78072726045
	180x22	40	10	78072726080
		60	10	78072726081


PERFORMANCE ✓✓

ALUMINIUM

NEW NORTON ALU MESH FLAP DISC

- No loading, clogging and overheating
- Good stock removal on aluminium alloys



PRODUCT TYPE	DIA x H (mm)	GRIT	PK QTY	ART. NO.
 Fibreglass backed	115x22	40	10	78072764486*
		60	10	78072764488*
		80	10	78072764491*
		120	10	78072764492*
	125x22	40	10	78072764493
		60	10	78072764494
		80	10	78072764495
		120	10	78072764496

* Made to order


VALUE ✓

MILD STEEL

NORTON VULCAN ZIRCONIA FLAP DISC R842

- High and regular cut rate at medium and low pressures
- Self-sharpening zirconium abrasive grain



PRODUCT TYPE	DIA x H (mm)	GRIT	PK QTY	ART. NO.
 Fibreglass backed	115x22	40	10	63642502311
		60	10	63642502312
		80	10	63642502313
		120	10	63642502314
	125x22	40	10	63642502315
		60	10	63642502317
		80	10	63642502318
		120	10	63642502326
	150x22	40	10	63642502327
		60	10	63642502328
		80	10	63642502329
	180x22	40	10	63642502341
		60	10	63642502343
		80	10	63642502345

PRODUCT INDEX

STOCK REMOVAL

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

NORTON QUANTUM FIBRE DISC F996

- F996 high performance ceramic fibre discs for heavy duty applications on hard to grind metal
- Exceptionally high material removal & long life



DIA x H (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
180x22	36	25	66623327506
	50	25	66623327507
	60	25	66623327508
	80	25	66623327509
	120	25	66623327510

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

NORZON BLAZE X STEEL F970X

- 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



DIA x H (mm)	GRIT	PK QTY	ART. NO.
115x22	36	25	78072718984
	50	25	78072718985
	60	25	78072718986
	80	25	78072718987
	120	25	78072718988
125x22	36	25	78072718988
	50	25	78072718989
	60	25	78072718990
	80	25	78072718991
	120	25	78072718992
180x22	36	25	78072718992
	50	25	78072718993
	60	25	78072718994
	80	25	78072718994
	120	25	78072718995

PRODUCT INDEX

STOCK REMOVAL

VALUE ✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

NORZON F100 METAL

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

CORDLESS COMPATIBLE



DIA x H (mm)	GRIT	PK QTY	ART. NO.
115x22	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
	16	25	66623385761
125x22	24	25	66623385764
	36	25	66623385768
	40	25	66623385770
	50	25	66623385773
	60	25	66623385775
	80	25	66623385776
	100	25	66623385778
	120	25	66623385779
	16	25	66623385755
	24	25	66623385758
180x22	36	25	66623385760
	40	25	66623385752
	50	25	66623385793
	60	25	66623385749
	80	25	66623385746
	100	25	66623385744
	120	25	66623385739

NYLON BACK UP PADS

- Use hard density for heavy stock removal with coarse grit (up to P50)
- Use medium density for finishing with grit P60 and finer or for contoured workpieces with all grit sizes



DIA (mm)	DENSITY	ATTACHMENT	MAX. RPM	PK QTY	ART. NO.
115	Rigid	M14	13300	5	69957382828
	Medium	M14	13300	5	69957382825
125	Rigid	M14	12200	5	69957382829
	Medium	M14	12200	5	69957382826
180	Rigid	M14	8500	5	69957382830
	Medium	M14	8500	5	69957382827

NYLON FIBREGLASS REINFORCED BACK-UP PADS

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



DIA (mm)	THREAD	DENSITY	MAX. RPM	PK QTY	ART. NO.
115	M14	Rigid	13300	5	66623376727
125	M14	Rigid	12200	5	66623376821
180	M14	Rigid	8500	5	66623376822

PRODUCT INDEX

BLENDING & REFINING

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

VORTEX RAPID PREP SCM SELF GRIP

- Vortex grain technology combines the cutting speed of coarse grits with the finish of fine grits
- Clean Bond technology - smear-free, does not load on aluminium or soft metals



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

PERFORMANCE ✓✓

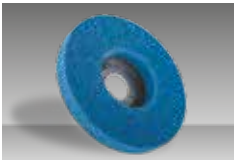
STAINLESS STEEL

MILD STEEL

ALUMINIUM

VORTEX RAPID BLEND

- Versatile product with cut, blend and finish capabilities
- Faster finishing with minimal shedding
- Consistent, comfortable performance for improved part quality with no smearing



DIAxH (mm)	CAP CODE	Max RPM	GRADE	APPLICATION	PK. QTY	ART. NO.
115x22	U2305	12000	Vortex 5AM	Tig weld removal	10	66254429268
125x22	U2305	12000	Vortex 5AM	Tig weld removal	10	66254496323

PERFORMANCE ✓✓

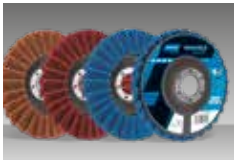
STAINLESS STEEL

MILD STEEL

ALUMINIUM

VORTEX RAPID PREP SCM FLAP DISCS

- Quick, durable blending and finishing tool
- Longer life and durability with smear free cut & finish in one action
- An upgrade from traditional SCM Hook & Loop discs retaining same multi grade benefits.



DIA (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

PRODUCT INDEX

BLENDING & REFINING

VALUE ✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

RAPID PREP SCM (AO) SELF-GRIP

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



DIA (mm)	CAP CODE	GRADE	PK. QTY	ART. NO.
115	S2103	Extra Coarse	25	66623378983
	S2203	Coarse	25	66623378984
	S2303	Medium	25	66623378987
	S2403	Fine	25	66623378990
	S2503	Very Fine	25	66623379028
125	S2103	Extra Coarse	25	66623378982
	S2203	Coarse	25	66623378985
	S2303	Medium	25	66623378988
	S2403	Fine	25	66623378991
	S2503	Very Fine	25	66623379029

VALUE ✓

BACK-UP PADS (SELF-GRIP)



DIA (mm)	DENSITY	THREAD	PK QTY	ART. NO.
115	Medium	M14	1	69957382846
125	Medium	M14	1	69957382841
150	Medium	M14	1	69957382843
178	Medium	M14	1	69957382844

NOTE:

RAPIDPREP DISCS COME WITH REMOVEABLE CENTRE TO ALLOW MOUNTING ON BOTH TYPES OF BACK-UP PADS.



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



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

PRODUCT INDEX

DEBURRING

VALUE ✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

RAPID PREP SCM (AO) SELF-GRIP

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



DIA (mm)	CAP CODE	GRADE	PK. QTY	ART. NO.
115	S2103	Extra Coarse	25	66623378983
	S2203	Coarse	25	66623378984
	S2303	Medium	25	66623378987
	S2403	Fine	25	66623378990
	S2503	Very Fine	25	66623379028
125	S2103	Extra Coarse	25	66623378982
	S2203	Coarse	25	66623378985
	S2303	Medium	25	66623378988
	S2403	Fine	25	66623378991
	S2503	Very Fine	25	66623379029

NOTE:

RAPIDPREP DISCS COME WITH REMOVEABLE CENTRE TO ALLOW MOUNTING ON BOTH TYPES OF BACK-UP PADS.



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



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

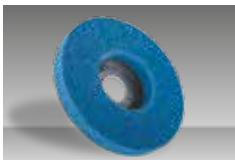
PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

VORTEX RAPID BLEND

- Versatile product with cut, blend and finish capabilities
- Faster finishing with minimal shedding
- Consistent, comfortable performance for improved part quality with no smearing



DIAxH (mm)	CAP CODE	MAX RPM	GRADE	APPLICATION	PK. QTY	ART. NO.
115x22	U2305	12000	Vortex 5AM	Tig weld removal	10	66254429268
125x22	U2305	12000	Vortex 5AM	Tig weld removal	10	66254496323

PERFORMANCE ✓✓

ALUMINIUM

NORTON NON-WOVEN HIGH STRENGTH DISCS

- Depressed centre T27
- High strength nylon material for longer life in contoured applications
- Open structure to prevent loading



DIAxH (mm)	CAP CODE	MAX RPM	GRADE	APPLICATION	PK. QTY	ART. NO.
115x22	F2303	12000	HSMA Medium	Conformable	10	66261020549
125x22	F2303	12000	HSMA Medium	Conformable	10	78072702394

BACK-UP PADS

- For Vortex non-woven surface blending discs and Rapid Prep (SCM) discs (Self-Grip)



DIA (mm)	DENSITY	THREAD	PK QTY	ART. NO.
115	Medium	M14	1	69957382846
125	Medium	M14	1	69957382841
150	Medium	M14	1	69957382843
178	Medium	M14	1	69957382844

PRODUCT INDEX

SURFACE PREPARATION & CLEANING

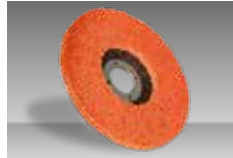
PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

BLAZE RAPID STRIP

- Depressed centre T27
- High performance Ceramic grain for 2x faster cut & longer life
- Surface condition, strip and clean with one disc
- Extremely versatile using hard or soft pressure



DIA x B (mm)	CAP CODE	PK. QTY	MAX RPM	TYPE	ART. NO.
115 x 22	R9101	10	12000	Type 27	66623303783
125 x 22	R9101	10	11000	Type 27	66623303916
178 x 22	R9101	10	8000	Type 27	66623303920

PERFORMANCE ✓✓

ALUMINIUM

NORTON HIGH STRENGTH DISCS

- Depressed centre T27
- High strength nylon material for longer life in contoured applications
- Open structure to prevent loading



DIAxH (mm)	CAP CODE	MAX RPM	GRADE	PK. QTY	ART. NO.
115x22	F2303	12000	HSMA Medium	10	66261020549
125x22	F2303	12000	HSMA Medium	10	78072702394

VALUE ✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

RAPID STRIP

- Depressed centre T27
- Constructed with thick, strong, synthetic fibres and extra-coarse silicon carbide abrasive
- Open web construction provides fast cutting action
- Two choices available: open structure on R4104S, more dense on R4101H



DIA x B (mm)	CAP CODE	PK. QTY	MAX RPM	TYPE	R4104S ART. NO.	R4101 ART. NO.
115 x 22	R4101	10	12000	Type 27/Fiberglass	-	66261009649
115 x 22	R4104	5	11000		63642585732	-
125 x 22	R4101	10	12000		-	66261030655
125 x 22	R4104	5	8500		63642585749	-

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

NORTON QUANTUM FLAP WHEEL

- Excellent results on stainless steel, iconels, chromium cobalt, titanium and extremely hard materials
- Aggressive cut removes defects quickly and effectively
- Additional supsize layer minimises heat built-up on the workpiece for a cooler cut and longer life
- Provides the longest life even in tough applications



DIAxWxTH (mm)	GRIT	PK QTY	ART. NO.	RECOMMENDED SPEED (RPM)
125x20 M14	40	5	69957307355	6700-8300
	60	5	69957307356	
	80	5	69957307359	

VALUE ✓

MILD STEEL

ALUMINIUM

NORTON METAL R207 PLUS FLAP WHEEL

- A universal wheel for use on steel and stainless steel, can also be used for paint removal and on plastic or wood
- Good cut rate in low-pressure finishing operations, leaves a very good finish
- For aggressive cut and longer life
- Quick and easy to mount on an angle grinder



DIAxWxTH (mm)	GRIT	PK QTY	ART. NO.	RECOMMENDED SPEED (RPM)
125x20 M14	40	5	66261121426	6700-8300
	60	5	66261121427	
	80	5	66261121428	
	120	5	66261121429	

PRODUCT INDEX

SURFACE PREPARATION & CLEANING

PERFORMANCE ✓✓ STAINLESS STEEL MILD STEEL

TWIST KNOTTED CUP BRUSHES

- Aggressive brush for rust, paint and weld spatter removal on large surfaces



DxA T L (mm)	GRINDER SIZE (mm)	PK QTY	STEEL	STAINLESS STEEL
65xM14 0,50 T20	115 & 125	1	66261103046*	66261103171*
65xM14 0,35 T20	115	1	66254406104	-
65xM14 0,50 T20	115	1	66254406095	66254406068
80xM14 0,50 T25	125	1	66254406094	-

* with guard

PERFORMANCE ✓✓ STAINLESS STEEL MILD STEEL

CRIMPED CUP BRUSHES

- For cleaning light oxidation, paint and primers on large areas



DxA T L (mm)	GRINDER SIZE (mm)	PK QTY	STEEL	STAINLESS STEEL
75xM14 0,30 T22	115 & 125	1	66261103049*	66261103176*
60xM14 0,30 T16	115	1	66254406058	66254406037
75xM14 0,30 T20	125	1	66254406055	-
80xM14 0,30 T25	125	1	66254406054	66254404868

* with guard

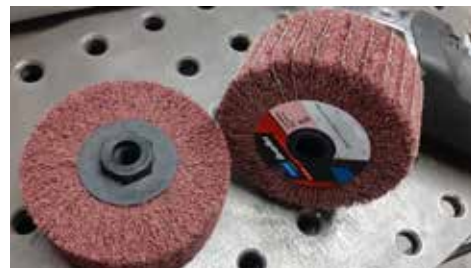
NEW NON-WOVEN FLAP WHEELS FOR LINEAR FINISHING

The angle grinder is an adaptable tool, now it's versatility can be further increased with this new range of Norton BearTex non-woven flap wheels.

The wheels are designed to generate a straight line (linear) finish quickly and efficiently without investing in additional specialist power tools.

From blending and removing scratches and pit marks to final finishing, these three wheels offer a great alternative to an orbital finish on lengths and box section steels.

What's more, productivity can be improved thanks to the quick-change attachment, allowing fast product changeover and more pieces per wheel to be finished.



D x T x B (mm)	CAP CODE	MAX RPM	APPLICATION	GRADE	PK QTY	ART. NO.
110 x 50 x M14	F2200	5700	Blending/removing scratches & marks	Coarse A (+P80)	2	78072761576
	F2200	5700	Blending / fine graining	Coarse A	2	78072761571
	F2400	5700	Final finishing	Fine A	2	78072761579
110 x 1000 x M14	F2200	5700	Blending/removing scratches & marks	Coarse A (+P80)	1	78072761577
	F2200	5700	Blending / fine graining	Coarse A	1	78072761574
	F2400	5700	Final finishing	Fine A	1	78072761581

Must be used on a variable speed Right Angle Grinder. Wheels run at lower than normal fixed speeds



ACCESSORIES



STEEL TAPE	T x L	PK QTY	ART. NO.
Steel tape for masking or protecting the surface when joint mitring.	50mm x 2m	1	69957311590



GUARD & HANDLE	CODE	PK QTY	ART. NO.
Guard and handle extension converts variable speed grinder quickly and easily into a linear finishing tool.	MB650SV	1	66261122513



PRODUCT INDEX

FINISHING

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

RAPID BLEND NEX

- Imparts a high quality, shiny surface finish
- Ideal choice for finishing prior to polishing and paint preparation
- New 3SF now available with harder density for longer life and form holding



DIAxB (mm)	CAP CODE	MAX RPM	GRADE	APPLICATION	PK. QTY	ART. NO.
115x22	U4401	12000	NEX2SF	Blend & Finish	10	66261020546
115x22	U4401	12000	NEX3SF	Blend & Finish	10	66254461726
125x22	U4401	12000	NEX2SF	Blend & Finish	10	66254496320
125x22	U4401	12000	NEX3SF	Blend & Finish	10	77696067125

VALUE ✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

BEARTEX FLAP DISC

- BearTex fleece discs are ideal for following contours and conforming to unusual shapes during fine finishing
- Two types available – plain and mixed (interleaved) for various metals



DIAxB (mm)	CAP CODE	GRADE	TYPE	PK QTY	ART. NO.
115x22	F2504	Very Fine A	XFLD (Plain)	10	66254481898
115x22	F2504	Very Fine A	XIFD (Mixed)	10	66623311000

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



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

NOTE:
RAPIDPREP DISCS COME WITH REMOVEABLE CENTRE TO ALLOW MOUNTING ON BOTH TYPES OF BACK-UP PADS.



VALUE ✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

RAPID PREP SCM (AO) SELF-GRIP

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



DIA (mm)	CAP CODE	GRADE	PK. QTY	ART. NO.
115	S2103	Extra Coarse	25	66623378983
	S2203	Coarse	25	66623378984
	S2303	Medium	25	66623378987
	S2403	Fine	25	66623378990
	S2503	Very Fine	25	66623379028
125	S2103	Extra Coarse	25	66623378982
	S2203	Coarse	25	66623378985
	S2303	Medium	25	66623378988
	S2403	Fine	25	66623378991
	S2503	Very Fine	25	66623379029

BACK-UP PADS

- For Beartex non-woven surface blending discs and Rapid Prep (SCM) discs (Self-Grip)



DIA x H (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

PRODUCT INDEX

POLISHING

PERFORMANCE ✓✓

STAINLESS STEEL

MILD STEEL

ALUMINIUM

RAPID POLISH

- Type T29 made with felt wool fixed to a fibreglass plate to create a polishing pad
- Use with polishing compounds or pastes to achieve a mirror finish



DIAxH (mm)	CAP CODE	GRADE	TYPE	PK QTY	ART. NO.
115x22	F0005	Felt	XFLD (Plain)	5	66254481899
125x22	F0005	Felt	XFLD (NW)	5	63642573692

POLISHING PASTE BARS



COLOUR	WxLxH (mm)	FINISH	FINISH	PK QTY	ART. NO.
Brown	55x160x38	Pre-polishing	cleaning very dirty material (alu & non-ferrous)	1	07660739107
Green	55x160x38	Gloss	Aluminium & stainless steel	1	07660739108
White	55x160x38	Super high gloss	Polishing stainless steel, alu & non-ferrous	1	07660739109
Blue	55x160x38	General high gloss	All materials & hard plastics	1	07660739112

PERFORMANCE SOLUTIONS FOR RIGHT ANGLE GRINDERS

1



CUTTING

Cutting-disc for correct dimensioning.

2



GRINDING

Grinding disc to remove welds and burrs.

3



STOCK REMOVAL

FLAP DISC Remove heavy weld seams and excess material. Long product life.

FIBRE DISC Remove excess material from flat and contoured surfaces.

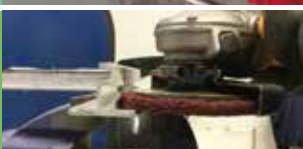
4



BLENDING & REFINING

Impart a uniform finish.

5



DEBURRING

Remove burrs, radiusing and break sharp edges.

6



SURFACE PREP & CLEANING

Remove dirt, rust or corrosion and prepare surface prior to coating or welding.

7



FINISHING

Reduce surface roughness, apply a cosmetic finish, prepare for polishing.

8

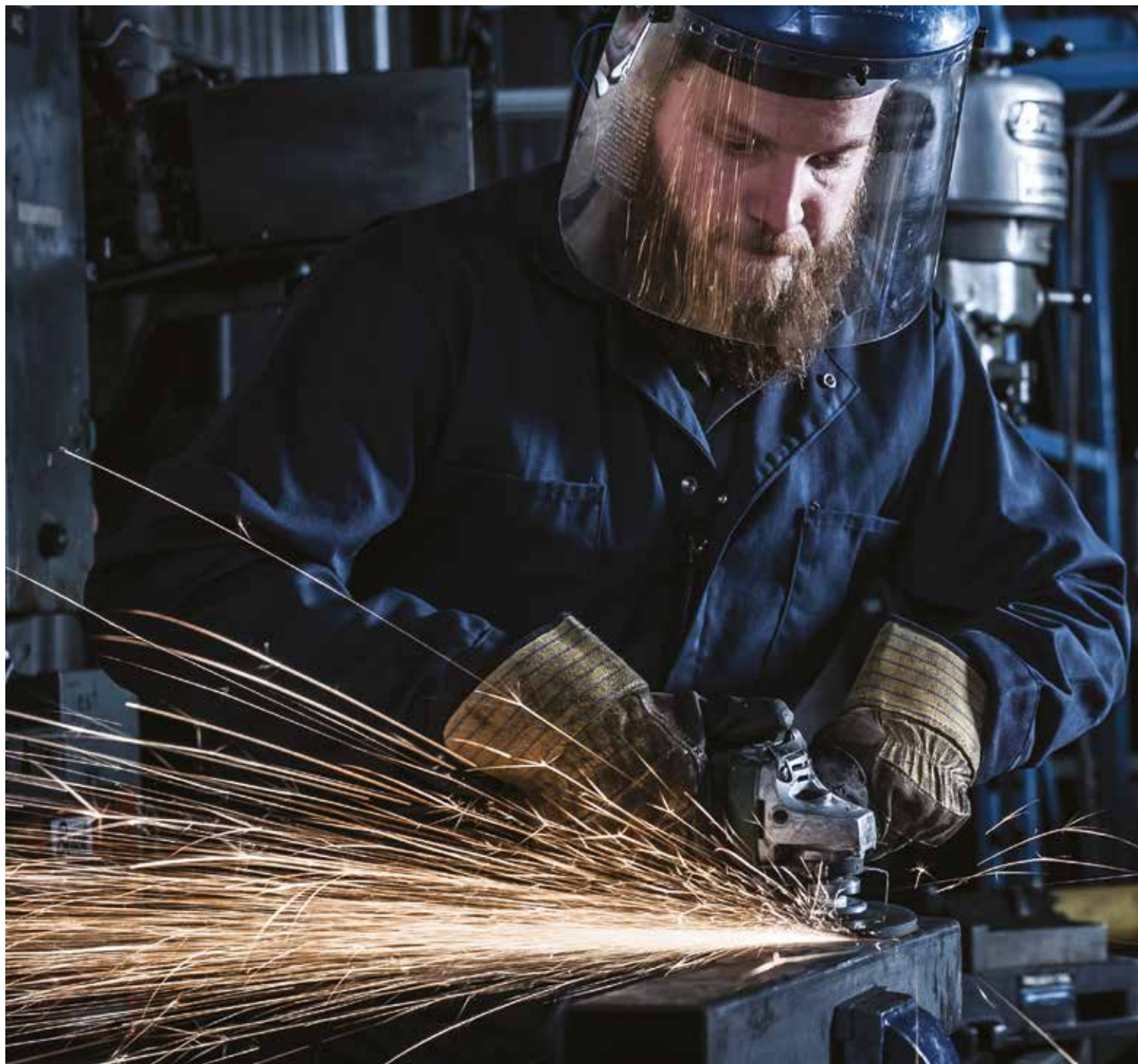


POLISHING

Final step to provide a high gloss finish.

IN THE METAL FABRICATION MARKET









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