

NORTON

SAINT-GOBAIN

Transforming
surfaces
...and beyond

RIGHT ANGLE GRINDER SOLUTIONS FOR ALUMINIUM


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 aluminium applications offers you products, recommendations and advice for working on aluminium and non-ferrous 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.

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 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.

Product Requirement: _____
Choose between innovative products providing exceptionally high performance and alternative economy solutions.

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.

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

RIGHT ANGLE GRINDER PROCESS		PERFORMANCE	ECONOMY
1	CUTTING	NEW NORTON ALU <ul style="list-style-type: none">No clogging, even on soft materialSharp aluminium oxide grain for fast and clean cuts	NORTON MULTI MATERIAL <ul style="list-style-type: none">One wheel for all non-ferrousQuick, comfortable and versatile
2	HEAVY DUTY & LIGHT GRINDING	NEW NORTON ALU <ul style="list-style-type: none">Sharp aluminium oxide grain enables fast material removalReduces clogging during grindingAchieves a smooth finish	NORTON MULTI MATERIAL LIGHT COMFORT GRINDING <ul style="list-style-type: none">At 3mm thick wheel ensures precision accuracy during grindingEasy access to hard to grind areas, and tight grooves
3	STOCK REMOVAL	NEW NORTON ALU MESH FLAP DISC <ul style="list-style-type: none">The mesh structure allows faster material removal without clogging and reduces heat and minimal material loss	NORZON FIBRE DISC F827 <ul style="list-style-type: none">Zirconium Norzon grainHigh stock removal rate at medium pressure
4	BLENDING & REFINING	VORTEX RAPID BLEND <ul style="list-style-type: none">Cut and finish with one discEngineered grain removes light weld beads, finish and spatter, deburrs and imparts a smooth finishLong disc life and comfortable to use	RAPID PREP (SCM) <ul style="list-style-type: none">Good performance and lifeOpen structure resists loadingVarious grades available for different blending styles
5	DEBURRING	BEARTEX HIGH STRENGTH DISC <ul style="list-style-type: none">Open structure prevents loading when deburringHigh strength nylon for conforms to contours for the life of the disc	RAPID PREP (SCM) <ul style="list-style-type: none">Good performanceOpen structure
6	SURFACE PREPARATION & CLEANING		

The colour-coded chart of aluminium fabrication operations represents the eight key application processes found in non-ferrous materials 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.

RIGHT ANGLE GRINDER PROCESS			PERFORMANCE	ECONOMY
1		CUTTING	NEW NORTON ALU <ul style="list-style-type: none"> • No clogging, even on soft material • Sharp aluminium oxide grain for fast and clean cuts • Up to 30% higher performance* 	NORTON MULTI MATERIAL <ul style="list-style-type: none"> • One wheel for all materials • Quick, comfortable and versatile
2		HEAVY DUTY & LIGHT GRINDING	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 • Up to 30% higher performance* 	NORTON MULTI MATERIAL LIGHT COMFORT GRINDING <ul style="list-style-type: none"> • At 3mm thick wheel ensures precision and accuracy during grinding • Easy access to hard to grind areas, corners and tight grooves
3		STOCK REMOVAL	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 	NORZON FIBRE DISC F827 <ul style="list-style-type: none"> • Zirconium Norzon grain • High stock removal rate at medium pressure
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 	RAPID PREP (SCM) <ul style="list-style-type: none"> • Good performance and life • Open structure resists loading • Various grades available for different blending styles
5		DEBURRING	BEARTEX 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
6		SURFACE PREP & CLEANING	BEARTEX 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 non-ferrous materials
7		FINISHING	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 	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 	

* compared to previous generation Norton ALU range

UNDERSTANDING THE PROCESS GUIDE

The process guide focusses on six 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 11.

WELD PREPARATION AND FINISHING IN 4 STEPS

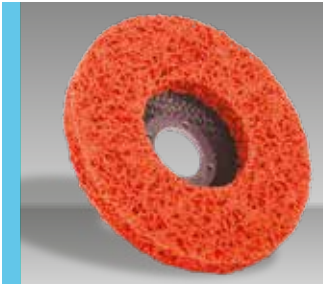


STEP 1: CUTTING NORTON ALU

Norton ALU cutting discs are easy to use and deliver consistent results. Its sharp aluminium oxide grain cuts with ease through the material, reducing vibration for improved operator comfort.

PRODUCT TYPE	DIA (mm)	T x B (mm)	SPECIFICATION	PK QTY	ART NO.
Type 41	115	1.0x22.23	A 60 Q	25	66252828236
		1.6x22.23	A 46 Q	25	66252828233
	125	1.0x22.23	A 60 Q	25	66252828237
		1.6x22.23	A 46 Q	25	66252828234
	230	1.9x22.23	A 46 Q	25	66252828235

NEW upgraded versions



STEP 2: CLEANING BLAZE RAPID STRIP

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.

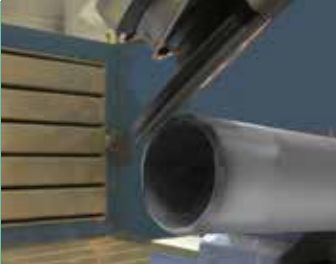
DIA x B (mm)	CAP CODE	PK QTY	MAX RPM	TYPE	ART NO.
115 x 22	R9101	10	12000	Type 27	66623303783
125 x 22	R9101	10	11000	Type 27	66623303916
178 x 22	R9101	10	8000	Type 27	66623303920



STEP 3: BEVELLING NORZON FIBRE DISC F827

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

DIA x H (mm)	GRIT	PK QTY	ART NO.
115x22	36	25	63642539615
125x22	36	25	63642536483
180x22	36	25	63642533063



STEP 4: WELD SEAM REMOVAL NORTON ALU MESH FLAP DISC

After welding use a Norton Alu Mesh flap disc in grit P60 to quickly remove the weld seam and generate a finish ready for paint or other surface coatings.

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

*made to order



WELD REMOVAL TO A COMMERCIAL FINISH

IN 3 STEPS



STEP 1: HEAVY DUTY GRINDING

NORTON ALU

Remove the excess weld with a Norton ALU grinding wheel, 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.

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

■ NEW upgraded versions

*made to order



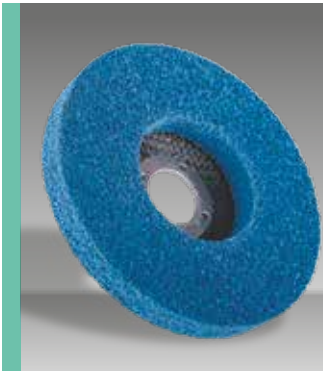
STEP 2: STOCK REMOVAL

NORTON ALU MESH FLAP DISC

Use the Norton Alu Mesh flap disc in P60 at a 10-15° angle to quickly remove the remaining weld.

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

*made to order



STEP 3: BLENDING & REFINING

VORTEX RAPID BLEND

Vortex Rapid Blend 5AM discs are ideal for blending applications and will remove grind lines left by the flap 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.

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



STEP 1: CUTTING

NORTON ALU

Norton ALU cutting discs are easy to use and deliver consistent results. Its sharp aluminium oxide grain cuts with ease through the material, reducing vibration for improved operator comfort.

PRODUCT TYPE	DIA (mm)	T x B (mm)	SPECIFICATION	PK QTY	ART NO.
Type 41	115	1.0x22.23	A 60 Q	25	66252828236
		1.6x22.23	A 46 Q	25	66252828233
	125	1.0x22.23	A 60 Q	25	66252828237
		1.6x22.23	A 46 Q	25	66252828234
	230	1.9x22.23	A 46 Q	25	66252828235

NEW upgraded versions



STEP 2: DEBURRING AND SHAPING

NORTON ALU MESH FLAP DISC

Use the Norton Alu Mesh flap disc in P60 at a 10-15° angle to quickly remove the remaining weld.

DIA x H (mm)	GRIT	PK QTY	ART NO.
115x22	40	10	78072764486*
125x22	40	10	78072764493

*made to order



STEP 3: BLENDING & REFINING

RAPID PREP (SCM) DISC COARSE

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.

DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
115	S2208	Coarse	25	66623378984
125	S2208	Coarse	25	66623378985
178	S2208	Coarse	25	66623378986



WELD REMOVAL TO A BRIGHT FINISH

IN 3 STEPS



STEP 1: STOCK REMOVAL

NORTON ALU MESH FLAP DISC

Use the Norton Alu Mesh flap disc in P60 at a 10-15° angle to quickly remove the remaining weld.

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

*made to order



STEP 2: BLENDING & REFINING

RAPID PREP (SCM) DISC COARSE

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.

DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
115	S2208	Coarse	25	66623378984
125	S2208	Coarse	25	66623378985
178	S2208	Coarse	25	66623378986



STEP 3: FINISHING

RAPID BLEND NEX

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.

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 DISC

Norton Alu Mesh flap discs in P60 are 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.

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

*made to order



STEP 2: BLENDING & REFINING

PREP (SCM) DISC COARSE

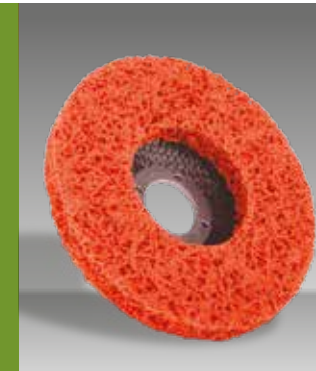
A medium Rapid Prep (SCM) disc should be used after the fibre disc to impart a finish ready to be coated as it removes scratch patterns and provides a key for any surface coating or paint to adhere to minimising the risk of peeling.

DIA (mm)	CAP CODE	GRADE	PK QTY	ART NO.
115	S2208	Coarse	25	66623378984
125	S2208	Coarse	25	66623378985
178	S2208	Coarse	25	66623378986



PAINT COATING AND CORROSION REMOVAL

2 OPTIONS



OPTION 1: SURFACE PREPARATION & CLEANING

BLAZE RAPID STRIP

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.

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



OPTION 2: SURFACE PREPARATION & CLEANING

Norton wire brushes can be used as an alternative to Blaze Rapid Strip. They are ideal solution 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.

Preparation of the pipe edges before welding and cleaning and between the welding passes

PIPELINE TWIST KNOTTED WHEEL BRUSHES

DxBxA T (mm)	GRINDER SIZE (mm)	PK QTY	ART NO.
115x6x22 0,5	115 & 125	1	63642581639
126x6x22 0,5	115 & 125	1	63642581640

Preparation of flat and hard to reach areas before welding and cleaning

Cleaning heavy layers of paint or rust

TWIST KNOTTED CUP BRUSHES WITH GUARD

DxBxA T L (mm)	GRINDER SIZE (mm)	PK QTY	ART NO.
65x0xM14 0,5 T20	115 & 125	1	78072749622

TWIST KNOTTED BEVEL BRUSHES WITH GUARD

DxBxA T L (mm)	GRINDER SIZE (mm)	PK QTY	ART NO.
100x0xM14 0,5 T22	115 & 125	1	66261103179

Cleaning light or medium layers of paint and rust

CRIMPED WIRE BEVEL BRUSHES WITH GUARD

DxBxA T L (mm)	GRINDER SIZE (mm)	PK QTY	ART NO.
100x0xM14 0,3 T24	115 & 125	1	66261103180



PRODUCT INDEX

CUTTING

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	A 60 Q	25	66252828236
		1.6x22.23	A 46 Q	25	66252828233
	125	1.0x22.23	A 60 Q	25	66252828237
		1.6x22.23	A 46 Q	25	66252828234
	230	1.9x22.23	A 46 Q	25	66252828235

NEW UPGRADED PRODUCTS

ECONOMY

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 materials



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
	180	1.6x22.23	C 46 T	25	66252926730
	230	1.9x22.23	C 46 T	25	66252918925

STOCK REMOVAL

PERFORMANCE

ALUMINIUM

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

HEAVY DUTY GRINDING

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	A 36 Q	10	66252849497*
	125	7.0x22.23	A 36 Q	10	66252828228
	180	7.0x22.23	A 36 Q	10	66252828230
	230	7.0x22.23	A 36 Q	10	66252828232

NEW UPGRADED PRODUCTS

*made to order

ECONOMY

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

STOCK REMOVAL

ECONOMY

ALUMINIUM

NORZON FIBRE DISC F827

- NorZon abrasive for high and regular cut rate at medium pressures
- High stock removal rate for rough grinding and deburring of aluminium alloys



DIA x H (mm)	GRIT	PK QTY	ART. NO.
115x22	24	25	69957360048
	36	25	63642539615
	50	25	69957360053
	60	25	63642539616
	80	25	63642539617
	100	25	69957360063*
125x22	120	25	63642533055
	24	25	63642539619
	36	25	63642536483
	50	25	63642539620
	60	25	69957360057
	80	25	63642539622
180x22	100	25	63642536484
	120	25	63642533056
	24	25	63642533062
	36	25	63642533063
	50	25	63642533064
	60	25	63642533065
	80	25	63642533066
	120	25	63642533067*
	120	25	63642533068

PRODUCT INDEX

STOCK REMOVAL

NYLON 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	Hard	13300	5	66623376727
125	M14	Hard	12200	5	66623376821
150	M14	Hard	10200	5	69957309184
180	M14	Hard	8500	5	66623376822

BACK-UP PADS: NYLON

- 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	PK QTY	ART. NO.
115	Hard	M14	5	69957382828
	Medium	M14	5	69957382825
125	Hard	M14	5	69957382829
	Medium	M14	5	69957382826
178	Hard	M14	5	69957382830
	Medium	M14	5	69957382827

BLENDING & REFINING

ECONOMY

ALUMINIUM

RAPID PREP SCM (A0) SELF-GRIP

- 15% longer life
- Fewer process stages
- Reduced rework



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
178	S2108	Extra Coarse	25	66623378965
	S2208	Coarse	25	66623378986
	S2308	Medium	25	66623378989
	S2408	Fine	25	-
	S2508	Very Fine	25	-

BLENDING & REFINING

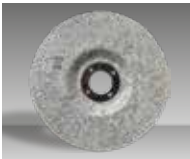
PERFORMANCE

ALUMINIUM

ALUFLEX

Norton's new solution for customers working with Aluminium.

- Grind, Blend & Finish in One Step.
- Flexible and able to 'hug' welds Non-clog and non-loading



DIA (mm)	CAP CODE	GRADE	PK. QTY	INDICITIVE GRADE	ART. NO.
125x4x22	U2108	Extra Coarse	10	A36	66261139729
	U2208	Coarse	10	A54	66261139731

TIPS:

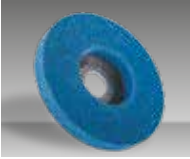
- Use at a 45° angle for an increased cut
- Use at a 30° angle for a smoother finish
- Follow on as a 2nd step after using our TW cutting and grinding discs

PERFORMANCE

ALUMINIUM

VORTEX RAPID BLEND

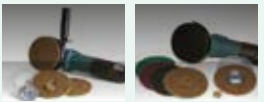
- Versatile product with cut, blend and finish capabilities
- Faster finishing with minimal shedding
- Consistent, comfortable performance for improved part quality with no smearing



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

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

ECONOMY

BACK-UP PADS FOR BEARTEX NON-WOVEN SURFACE BLENDING 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
178	Medium	M14	1	69957382844

PRODUCT INDEX

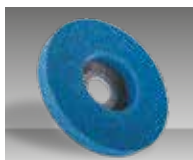
DEBURRING

PERFORMANCE

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	Tig weld	10	66254429268
125x22	U2305	12000	5AM	removal	10	66254496323

PERFORMANCE

ALUMINIUM

BEARTEX 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	Conformable	10	66261020549
125x22	F2303	12000	Medium		10	7660707022

ECONOMY

ALUMINIUM

RAPID PREP SCM (AO) SELF-GRIP

- 15% longer life
- Fewer process stages
- Reduced rework



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
178	S2108	Extra Coarse	25	66623378965
	S2208	Coarse	25	66623378986
	S2308	Medium	25	66623378989
	S2408	Fine	25	-
	S2508	Very Fine	25	-

DEBURRING

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
178	Medium	M14	1	69957382844
	Medium	5/8	1	63642595940

PERFORMANCE

ALUMINIUM

BEARTEX NON-WOVEN HIGH STRENGTH DISCS

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



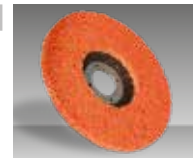
DIAxH (mm)	CAP CODE	MAX RPM	GRADE	APPLICATION	PK. QTY	ART. NO.
115x22	F2303	12000	HSMA	Conformable	10	66261020549
125x22	F2303	12000	Medium		10	7660707022

PERFORMANCE

ALUMINIUM

BLAZE RAPID STRIP

- Depressed centre T27
- High performance Ceramic grain for 2x faster cut and 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	Tip 27	66623303783
125 x 22	R9101	10	11000	Tip 27	66623303916
178 x 22	R9101	10	8000	Tip 27	66623303920

PRODUCT INDEX

SURFACE PREPARATION & CLEANING

PERFORMANCE

ALUMINIUM

KNOTTED WIRE BRUSHES

- Low flexibility for heavy duty applications
- Long life thanks to anti-clogging features
- Pipeline brushes are designed for weld preparation of pipes.
- Knotted brushes are ideal for aggressive brushing and removal of thicker layers of rust or paint



	DIMENSIONS			ART. NO	PK. QTY
	DxBxA	T	L (mm)		
PIPELINE TWIST KNOTTED WHEEL BRUSHES	115x6x22	0,5		63642581639	1
	126x6x22	0,5		63642581640	1
TWIST KNOTTED CUP BRUSHES WITH GUARD	65x0xM14	0,5	T20	78072749622	1
TWIST KNOTTED BEVEL BRUSHES WITH GUARD	100x0xM14	0,5	T22	66261103179	1
TWIST KNOTTED CUP BRUSHES	65x0xM14	0,5		66254406068	1
TWIST KNOTTED WHEEL BRUSHES	115x11x22.2	0,5	T23	66254406153	1
	115x11x22.2	0,5	T23	78072704146	15

ECONOMY

ALUMINIUM

CRIMPED WIRE BRUSHES

- Gentle action, removes oxide, paint, slag, weld spatter or other types of adherence without removing the base material
- STSCW (crimped wire brush) is the best option for working on expensive, light and soft metal such as aluminium
- Long life thanks to the anti-clogging features



	DIMENSIONS			ART. NO	PK. QTY
	DxBxA	T	L (mm)		
CRIMPED WIRE BEVEL BRUSHES WITH GUARD	100x0xM14	0,3	T24	66261103180	1
CRIMPED WHEEL BRUSHES	115x15xM14	0,3	T25	78072749622	1
CRIMPED CUP BRUSHES WITH GUARD	75x0xM14	0,3	T22	66261103176	1
CRIMPED WIRE CUP BRUSHES	60x0xM14	0,3	T16	66254406037	1
	80x0xM14	0,3	T25	66254404868	1
	100x10xM14	0,5	T20	66254406146	1
	115x15xM14	0,5	T27.5	66254406144	1

ECONOMY

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 options 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	-
178 x 22	R9101	10	8000			66623303920

FINISHING

PERFORMANCE

ALUMINIUM

BEARTEX 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			10	66254461726
115x22	U4401	12000			10	66254496320
125x22	U4401	12000			10	77696067125

ECONOMY

ALUMINIUM

RAPID PREP SCM (AO) SELF-GRIP

- 15% longer life
- Fewer process stages
- Reduced rework



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
178	S2108	Extra Coarse	25	66623378965
	S2208	Coarse	25	66623378986
	S2308	Medium	25	66623378989
	S2408	Fine	25	-
	S2508	Very Fine	25	-

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

PRODUCT INDEX

FINISHING

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
178	Medium	M14	1	69957382844
	Medium	5/8	1	63642595940

POLISHING

PERFORMANCE ALUMINIUM

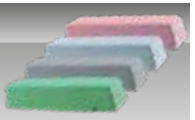
RAPID POLISH

- 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



DIAxB (mm)	CAP CODE	GRADE	TYPE	PK QTY	ART. NO.
115x22	F0005	Felt	XFLD (Plain)	10	66254481899
125x22	F0005	Felt	XFLD (NW)	10	63642573692

POLISHING PASTE BARS



COLOUR	SPECIFICATION	PK QTY	ART. NO.
Green	Non-ferrous metals	1	07660739108



Saint-Gobain Abrasifs
European Headquarters
Rue de l'Ambassadeur - B.P.8
78 702 Conflans Cedex
France

Tel: +33 (0)1 34 90 40 00
Fax: +33 (0)1 39 19 89 56

www.nortonabrasives.com
www.youtube.com/NortonAbrasivesEMEA

Norton is a registered trademark of Saint-Gobain Abrasives.
Form # 4131