

**NORTON**

SAINT-GOBAIN

Reshaping  
your  
world®

# ABRASIVE SOLUTIONS FOR CORDLESS ANGLE GRINDERS



  
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 guide to Cordless Angle Grinders offers you tailored product recommendations for working on a variety of metals, allowing you to be more productive and achieve more with your cordless machine.

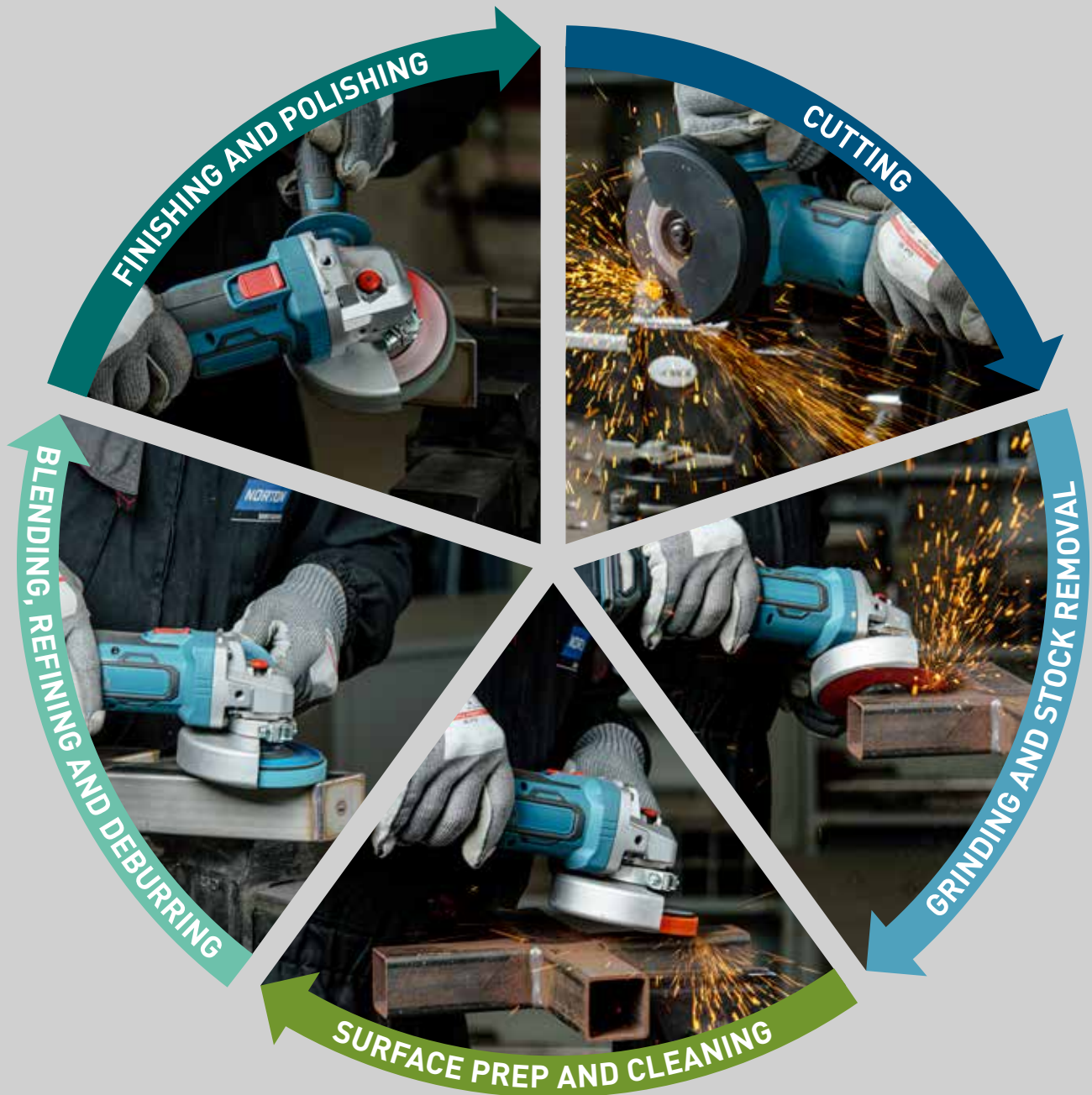
With this brochure, you will be able to find the right product for every step of the Cordless Right Angle Grinder process to achieve the best results at each stage.

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.



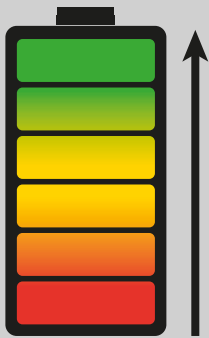
# STEP-BY-STEP PROCESSES





# PRODUCT SELECTION GUIDE

Not sure which product is right for you? Whether you're looking to save battery, time or money, our useful icons will help you find the right product to meet your needs.



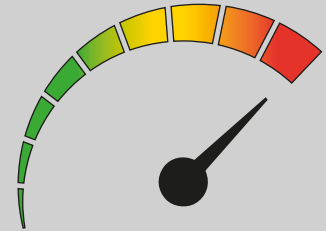
## BATTERY SAVING

Get the most out of your charge, with our range of products specially selected to extend the runtime on your battery machine.



## LONG LIFE

Get more for your money, with our recommended products chosen for their long life



## FAST ACTION

Work faster not harder with these products specifically chosen for their fast and aggressive action on cordless machines

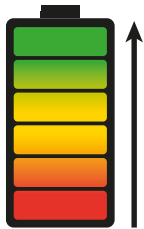
# CUTTING



## NORTON QUANTUM3

Norton Quantum3 ultra thin cutting discs effortlessly slice through metal whilst delivering remarkable power and refined control from start to finish. The cool and lightweight cutting action helps you get the most out of your cordless machine.

THICKNESS	DIMENSIONS (mm) D x T x B	TYPE	SPECIFICATION	ART NO.	PK QTY
1.0mm	115 x 1.0 x 22.23	41	NQ 60 ZZ	66253371347	25
	125 x 1.0 x 22.23	41	NQ 60 ZZ	66253371350	25
1.6mm	115 x 1.6 x 22.23	41	NQ 60 ZZ	66253371349	25
	125 x 1.6 x 22.23	41	NQ 60 ZZ	66253371352	25



BATTERY SAVING



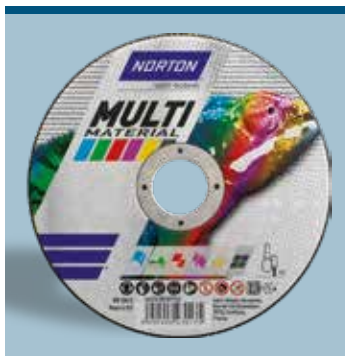
## NORTON VULCAN

Vulcan cutting discs offer an excellent price to performance ratio. Selecting a lighter disc with a thinner wheel thickness will not only give a faster cut rate, but also requires less power from your battery machine to run.

THICKNESS	DIMENSIONS (mm) D x T x B	TYPE	SPECIFICATION	ART NO.	PK QTY
1.0mm	115 x 1.0 x 22.23	41	A 60 S	66252925431	25
	125 x 1.0 x 22.23	41	A 60 S	66252925433	25
1.6mm	115 x 1.6 x 22.23	41	A 46 S	66252925432	25
	125 x 1.6 x 22.23	41	A 46 S	66252925434	25



LONG LIFE



## NORTON MULTI MATERIAL

Norton Multi Material wheels are quick, comfortable and versatile. For use on all materials, the 1.0mm wheel is perfect for cordless cutting applications in the general trade.

THICKNESS	DIMENSIONS (mm) D x T x B	TYPE	SPECIFICATION	ART NO.	PK QTY
1.0mm	115 x 1.0 x 22.23	41	C 60 T	66252833258	25
	125 x 1.0 x 22.23	41	C 60 T	66252918924	25



LONG LIFE

# GRINDING AND STOCK REMOVAL

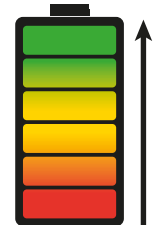


## NORTON QUANTUM3 LCG

Norton Quantum3 Light Comfort Grinding (LCG) wheels are 3mm thick with 3 clear benefits; they're faster, smoother and more precise than their traditional 7mm counterparts in light grinding applications.

With less energy needed to power up and use the 3mm wheel, get up to 50% longer battery life from cordless grinders.

THICKNESS	DIMENSIONS (mm) D x T x B	TYPE	SPECIFICATION	ART NO.	PK QTY
3.0mm	115 x 3.0 x 22.23	27	NQ 30 S	66252846608	10
	125 x 3.0 x 22.23	27	NQ 30 S	66252846609	10



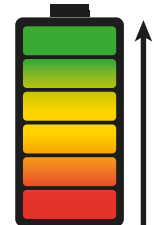
BATTERY SAVING



## NORTON MULTI MATERIAL LCG

Grind any material from stainless steel to aluminium with speed, accuracy and precision with Norton Multi Material Light Comfort Grinding wheels.

THICKNESS	DIMENSIONS (mm) D x T x B	TYPE	SPECIFICATION	ART NO.	PK QTY
3.0mm	115 x 3.0 x 22.23	27	C 30 S	66252846610	10
	125 x 3.0 x 22.23	27	C 30 S	66252846611	10



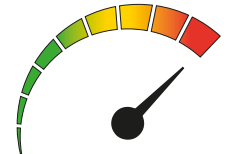
BATTERY SAVING



## NORTON VULCAN FAST CUT

Vulcan Fast Cut grinding wheels are designed for use on medium and low powered machines, making them an excellent cost-effective choice for your cordless grinder.

THICKNESS	DIMENSIONS (mm) D x T x B	TYPE	SPECIFICATION	ART NO.	PK QTY
6.4mm	115 x 6.4 x 22.23	27	A 30 P	66252830803	25
	125 x 6.4 x 22.23	27	A 30 P	66252830804	25



FAST ACTION



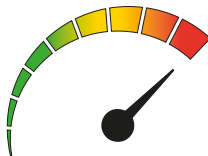
# GRINDING AND STOCK REMOVAL



## NORTON QUANTUM F996

The Supersize layer makes this fibre disc ideal for cool grinding on Stainless Steel. The aggressive ceramic grain is long-lasting and removes material fast.

SIZE (mm)	GRIT	ART NO.	PK QTY
115	36	66623327494	25
	60	66623327497	25
	80	66623327499	25
125	36	66623327501	25
	60	66623327503	25
	80	66623327504	25



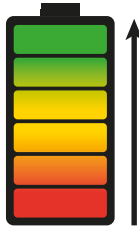
FAST ACTION



## NORTON F100 METAL

Aluminium Oxide fibre disc ideal for Carbon Steel and soft materials. The tough and versatile grain removes material quickly without draining the battery.

SIZE (mm)	GRIT	ART NO.	PK QTY
115	36	66623385741	25
	60	66623385748	25
	80	66623385750	25
125	36	66623385768	25
	60	66623385775	25
	80	66623385776	25



BATTERY SAVING



## NORTON STARLINE

Tough and versatile aluminium oxide abrasive flap discs, with high stock removal and long product life.

SIZE (mm)	GRIT	ART NO.	PK QTY
115	40	66254492267	10
	60	66254492268	10
	80	66254492270	10
125	40	66254492271	10
	60	66254492272	10
	80	99254492273	10



LONG LIFE

## NYLON FIBREGLASS REINFORCED BACK-UP PADS

The curved ribs keep the pad and abrasive cooler while retaining a level of flexibility across the pad. Ideal for use in tough grinding operations, recommended for use with grits 36 and finer. Conforms to ISO 15636.

SIZE (mm)	THREAD	DENSITY	MAX. RPM	ART NO.	PK QTY
115	M14	Hard	13300	66623376727	5
	M14	Hard	12200	66623376821	5
125	5/8	Hard	12200	66623377068	5

## NYLON BACK-UP PADS

For universal use, in a choice of two densities. Choose a medium-density pad where flexibility is required, or a hard density in tougher applications. Recommended for use with fibre discs of grit 60 and finer. Conforms to ISO 15636.

SIZE (mm)	THREAD	DENSITY	MAX. RPM	ART NO.	PK QTY
115	M14	Hard	13300	69957382828	5
	M14	Medium	13300	69957382825	5
125	M14	Hard	12200	69957382829	5
	M14	Medium	12200	69957382826	5

# SURFACE PREPARATION AND CLEANING



## BLAZE RAPID STRIP

Best choice for removal of surface rust and residue, corrosion, light weld spatter, dirt, mill scale & other similar surface contaminants

This extremely versatile disc is stiff enough to withstand aggressive use, yet soft enough to prevent gouging and rework. Meaning that you can get the job done quickly and get the most out of your battery charge.

SHAPE	DIMENSIONS (mm) D x H	CAP CODE	MAX RPM	ART NO.	PK QTY
T27	115 x 22	R9101	12000	66623303783	10
T27	125 x 22	R9101	11000	66623303916	10



BATTERY SAVING

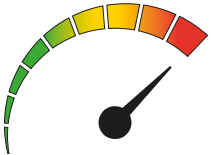


## RAPID STRIP

A general purpose disc for removing coatings on a variety of materials.

The nylon fibres, flexible resin and extra coarse abrasive grain ensure an aggressive cut and long life.

SHAPE	DIMENSIONS (mm) D x H	CAP CODE	MAX RPM	ART NO.	PK QTY
T27	115 x 22	R4101	12000	66261009649	10
T27	125 x 22	R4101	11000	66261030655	10



FAST ACTION



## NORTON HIGH STRENGTH

Constructed with high strength nylon material for longer life in contoured applications.

The open structure prevents loading, making it an ideal choice for soft-to-grind metals.

The soft nature of the product allows the disc to clean weld burn without removing material

SHAPE	DIMENSIONS (mm) D x T x H	CAP CODE	GRADE	MAX RPM	ART NO.	PK QTY
T27	115 x 12 x 22	F2303	HSMA	12000	66261020549	10
T27	125 x 12 x 22	F2303	HSMA	12000	78072702394	10



LONG LIFE



# BLENDING, REFINING AND DEBURRING

## VORTEX RAPID BLEND



For light weld bead and weld spatter removal, deburring and finishing applications.

High performance engineered grain provides aggressive, fast stock removal, reduced cycle times and increased part quality.



BATTERY SAVING

SHAPE	DIMENSIONS (mm) D x T x H	CAP CODE	GRADE	MAX RPM	ART NO.	PK QTY
T27	115 x 12 x 22	U2305	Vortex 5AM	12000	66254429268	10
T27	125 x 12 x 22	U2305	Vortex 5AM	12000	66254496323	10

## RAPID PREP SCM (A0) SELF-GRIP



Achieve a burr-free, ready to paint finish in fewer steps without damaging the base material.

Extra Coarse and Coarse grades are the ideal choice to remove burrs from your material quickly and efficiently.

Medium to Very Fine grades are best for blending and refining your finish with long product life.



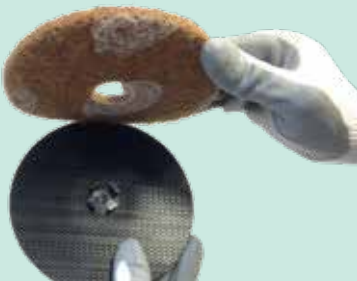
LONG LIFE

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

## BACK UP PADS

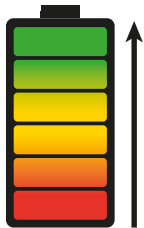
Self grip with locating centre pin.

SIZE (mm)	DENSITY	ATTACHEMENT	ART NO.	PK QTY
115	Medium	M14	77696076935	1
125	Medium	M14	77696076941	1



# FINISHING AND POLISHING

## RAPID BLEND NEX



BATTERY SAVING

Fine silicon carbide and flexible density unitised construction for a smooth, controlled blending/finishing application

Suitable for light deburring and ideal for surface finishing to a bright sub-polished finish.

NEX2SF grades are soft and conformable, whilst NEX3SF grades are harder and last longer.

SHAPE	DIMENSIONS		CAP CODE	GRADE	MAX RPM	ART NO.	PK QTY
	(mm)	D x T x H					
T27	115 x 12 x 22		U4401	NEX2SF	12000	66261020546	10
T27			U4401	NEX3SF	12000	66254461726	10
T27	125 x 12 x 22		U4401	NEX2SF	12000	66254496320	10
T27			U4401	NEX3SF	12000	77696067125	10

## RAPID PREP SCM (AO) SELF-GRIP



LONG LIFE

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.

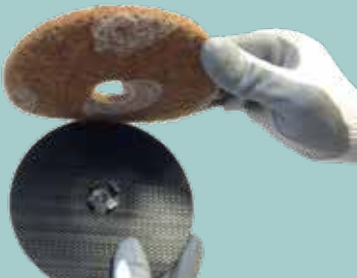
Gradually working through abrasive grades will help you achieve a bright, consistent finish to your end piece.

SIZE (mm)	GRIT	GRADE	ART NO.	PK QTY
115	S2308	Medium	66623378987	25
	S2408	Fine	66623378990	25
	S2508	Very Fine	66623379028	25
125	S2308	Medium	66623378988	25
	S2408	Fine	66623378991	25
	S2508	Very Fine	66623379029	25

## BACK UP PADS

Self grip with locating centre pin.

SIZE (mm)	DENSITY	ATTACHEMENT	ART NO.	PK QTY
115	Medium	M14	77696076935	1
125	Medium	M14	77696076941	1





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.  
Ensure to reduce the speed of your grinder to around 2000-3000 rpm for best results.

SHAPE	DIMENSIONS (mm) D x H	CAP CODE	GRADE	TYPE	ART NO.	PK QTY
T29	115 x 22	F0005	Felt	XFLD	66254481899	5
T29	125 x 22	F0005	Felt	XFLD	63642573692	5



BATTERY SAVING



INDUSTRIAL POLISHING COMPOUND BLOCKS

Norton's range of compounds will help you achieve the polish you desire for a multitude of materials.

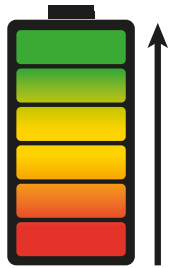
COLOUR	WxLxH (mm)	FINISH	GUIDE	ART NO.	PK QTY
Brown	55x160x38	Pre-polishing	Cleaning very dirty material (alu & non-ferrous)	07660739107	1
Green	55x160x38	Gloss	Aluminium & stainless steel	07660739108	1
White	55x160x38	Super high gloss	Polishing stainless steel, alu & non-ferrous	07660739109	1
Blue	55x160x38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





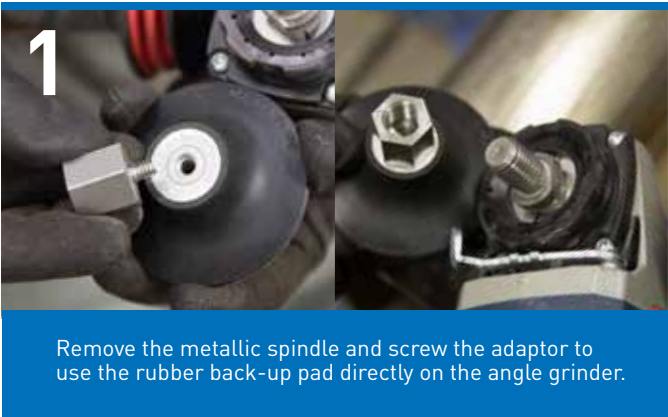
# EXTEND BATTERY LIFE EVEN FURTHER BY CONVERTING YOUR ANGLE GRINDER TO A MINI GRINDER!

Adapting your cordless machine is quick and easy with our specially designed back up pads and adaptor, allowing you to use smaller diameter products to preserve battery life without compromising on performance or aggression.

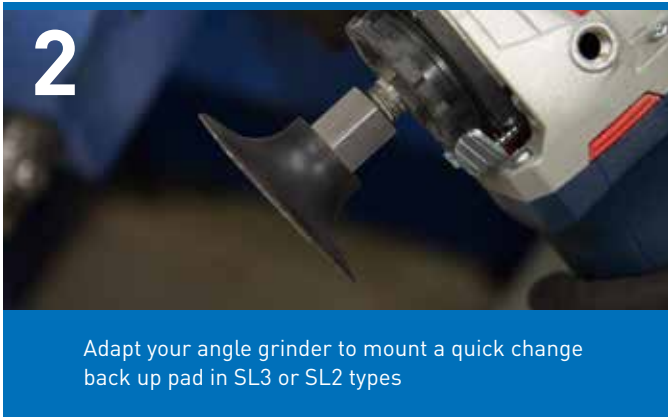


BATTERY SAVING

## HOW TO USE A MINI DISC ADAPTOR ON AN ANGLE GRINDER



Remove the metallic spindle and screw the adaptor to use the rubber back-up pad directly on the angle grinder.



Adapt your angle grinder to mount a quick change back up pad in SL3 or SL2 types



### BACK UP PADS FOR ANGLE GRINDERS TR ATTACHMENT TYPE 3 SL3

Back up pad with M14 thread to mount directly onto your angle grinder.

SIZE	DENSITY	MAX RPM	ART NO.	PK QTY
75mm	Medium	11200	63642587305	1
75mm	Hard	11200	63642557133	1
38mm	Medium	25100	63642556629	1



### ANGLE GRINDER ADAPTOR

Adapts the standard quick change back-up pad for use on an angle grinder.  
The guide above shows you how to mount and use the adaptor.

TYPE	DENSITY	MAX RPM	ART NO.	PK QTY
M14 Adaptor	Metal	12000	63642587977	1

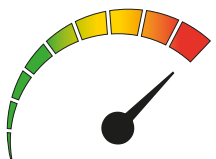
# GRINDING AND STOCK REMOVAL



## X-TREME 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 on rough grinding and deburring of steel and stainless steel.

SIZE	GRIT	MAX RPM	ATTACHMENT TYPE	ART NO.	PK QTY
75mm	36	3800-8900	TR	63642560886	50
	50	3800-8900	TR	69957389465	50
	60	3800-8900	TR	63642560887	50



FAST ACTION



## BLAZE R980P

Extremely aggressive ceramic grain for a noticeably faster cut rate. Supersize layer for a cooler cut and reduced heat generation during use, providing better part quality and no burn marks.

SIZE	GRIT	MAX RPM	ATTACHMENT TYPE	ART NO.	PK QTY
75mm	40	7500-10000	TR	66261120112	10
	60	7500-10000	TR	66261120116	10



LONG LIFE



# SURFACE PREPARATION AND CLEANING



## BLAZE RAPID STRIP

Ideal for removing coatings on a variety of surfaces .  
Cleans surface thoroughly for excellent adhesion of coatings, painting and soldering.  
Withstands aggressive use whilst preventing gouging.

SIZE	CAP CODE	GRADE	MAX RPM	ATTACHMENT TYPE	ART NO.	PK QTY
75mm	R9101	X Coarse SG	15000	TR	66261096557	25



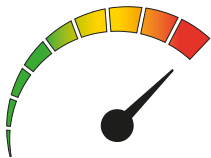
BATTERY SAVING



## RAPID STRIP

A general purpose disc for removing coatings on a variety of materials.  
The nylon fibres, flexible resin and extra coarse abrasive grain ensure an aggressive cut and long life.

SIZE	CAP CODE	GRADE	MAX RPM	ATTACHMENT TYPE	ART NO.	PK QTY
75mm	R4101	X Coarse SG	15000	TR	63642588175	10



FAST ACTION

# BLENDING, REFINING AND DEBURRING



## VORTEX RAPID BLEND CLOSED STRUCTURE

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.

SIZE	CAP CODE	GRADE	MAX RPM	ATTACHMENT TYPE	ART NO.	PK QTY
75x6mm	U2305	3AM	18000	TR	66254428238	40
	U2305	5AM	18000	TR	66254413661	40
	U2305	7AM	18000	TR	66254406395	40



BATTERY SAVING



## RAPID PREP A/O SCM

Ideal for general purpose blending, cleaning and finishing across all materials.

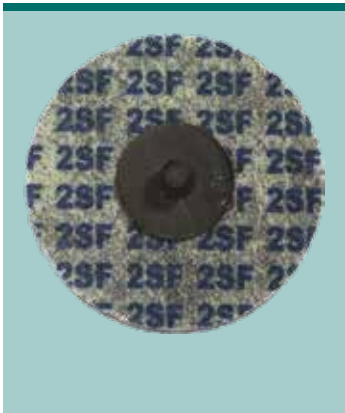
Consistent finish, life and cut rate with smear free CleanBond™ resin technology.

Flexible backing enables the disc to conform to contours.

SIZE	CAP CODE	GRADE	ATTACHMENT TYPE	ART NO.	PK QTY
75mm	S2108	Extra Coarse	TR	66623378356	25
	S2208	Coarse	TR	66623378360	25
	S2308	Medium	TR	66623378364	25
	S2408	Fine	TR	66623378382	25
	S2508	Very Fine	TR	66623378373	25



BATTERY SAVING



## RAPID BLEND NEX

Excellent for light deburring of flashing and threads, blending alloys, polishing and finishing.

Bright finish on stainless steel with improved 2SF and 3SF specification.

SIZE	CAP CODE	GRADE	MAX RPM	ATTACHMENT TYPE	ART NO.	PK QTY
75mm	U2301	2 A Medium	18000	TR	63642585697	10
	U2301	6 A Medium	18000	TR	63642585726	10
	U4401	2 S Fine	15000	TR	63642585691	10
	U4401	3 S Fine	15000	TR	66254473614	10
	U2401	4 A Fine	15000	TR	63642585695	10



BATTERY SAVING



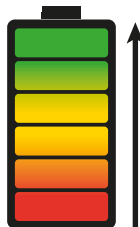
## RAPID POLISH

Use on all metals including stainless steel and aluminium.

Use with a polishing compound to impart a high quality mirror shine.

For polishing compounds, see page 13

SIZE	GRADE	ATTACHMENT TYPE	ART NO.	PK QTY
75mm	Medium A	TR	63642587167	50



BATTERY SAVING



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[www.youtube.com/NortonAbrasiveEMEA](http://www.youtube.com/NortonAbrasiveEMEA)

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