

Premium Partner



TradeZone
New Zealand

 **Grinding
Techniques**



Grinding Techniques

Grinding Techniques was founded in Chamdor (Krugersdorp) in 1981 with the aim of supplying specialised grinding products for the industrial market. Since then, our company has developed into an important force in the industrial abrasives market. With an extensive range of high quality cut-off and grinding wheels, specialised industrial and diamond tools and a wide range of surface finishing tools, you will always find the right product for your application.

Since 2014, Grinding Techniques is an important part of the global TYROLIT Group, one of the world's leading manufacturers of grinding and dressing tools and a system provider for the construction industry based in Austria.



Grinding Techniques headquarters in Chamdor (Krugersdorp)

Cut off disc product label



Pictograms



Refer to instructions



Wear goggles



Wear ear protection



Wear gloves



Wear a mask



Not permitted for side grinding



Not permitted for wet grinding



Off-hand and hand grinding not permitted



Do not use damaged disc



Cast iron



Concrete



Chrome



Non-ferrous



Rails



Plastic



Steel



Stainless steel



Stone



Tiles



Wood



Angle Grinder



Stationary cutting machine



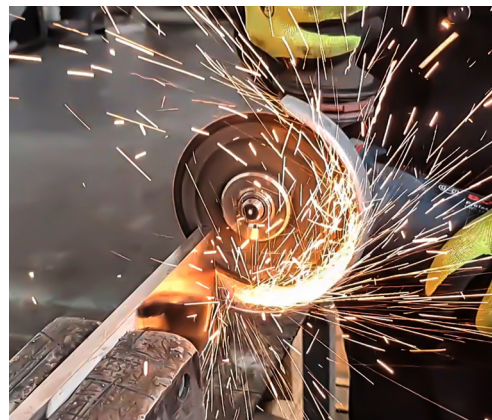
Petrol cutting machine



Straight grinder

Cutting disc for portable machines

The Slimline cutting disc delivers optimum performance cut after cut whilst boasting excellent longevity. Fully reinforced for safety, and quality tested to the same high standards as conventional discs, it produces multiple consistent cuts throughout its lifetime. The slim design reduces material wastage and leaves less burrs to rework after application



SUPERFLEX slimline professional cutting disc



Application: Steel and Stainless Steel

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	125X1.0X22.23	A60V BF INOX	AB-CD12511P-25	12 250	25
			180X1.6X22.23	A46V BF INOX	AB-CD18016IP-25	8 500	25
			230X1.9X22.23	A46V BF INOX	AB-CD23019IP-25	6 650	25

SUPERFLEX slimline industrial cutting disc



Application: Steel and Stainless Steel

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	125X1.0X22.23	1A46T-BF (2IN1) 5 Pack	310011MAFA4600TZA	12 250	5
			125X1.0X22.23	1A46T-BF (2IN1)	AB-CD12511I-25	12 250	25

SUPERFLEX slimline professional non-ferrous cutting disc



Application: Aluminium and Non-ferrous metals

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	125X1.0X22.23	A60 ALU BF	AB-CD1251AL25	12 250	25

SUPERFLEX slimline industrial multi-purpose cutting disc



Application: Concrete, Masonry, Stone, Non-ferrous metals, PVC and Ceramics

Appendix: Concrete, Masonry, Stone and Other Hard Metals, PCD and Corundum							
	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	125X1.0X22.23	C60T-BF 5 Pack	310011MAFC6000TZA	12 250	5
			125X1.0X22.23	C60T-BF	3100F3MAFC6000TZA	12 250	25

SUPERFLEX professional inox cutting disc



Application: Metal, Steel, Stainless steel

* Other specifications available - application dependant

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	125X2.4X22.23	AS24S BF INOX ULTRA	3100A0MEFA2400SZA	12 250	25
			180X2.5X22.23	AS24S BF INOX ULTRA	3100A0OHFA2400SZA	8 500	25

SUPERFLEX professional cutting disc



Application: Steel, Carbon steel, Manganese and Cast iron

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	125X2.5X22.23	AS30S B26 F2	3100A2MEFA3000SZA	12 250	25
			180X3.0X22.23	AS30S B26 F2	3100A2OHFA3000SZA	8 500	25
			230X3.0X22.23	AS30S B26 F2	3100A2QHFA3000SZA	6 650	25

SUPERFLEX industrial cutting disc



Application: Metal, Steel

Shape	Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU	
	41	125X3.0X22.23	AS30S B27 F2	3100A4MHFA3000SZA	12 250	25
		180X3.0X22.23	AS30S B27 F2	3100A4OHFA3000SZA	8 500	25
		230X3.0X22.23	AS30S B27 F2	3100A4QHFA3000SZA	6 650	25

SUPERFLEX tubs



Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU	
		41	125X1.0X22.23	A60V BF INOX TUB	AB-CD1251IP-100	12 250	100
			125X1.0X22.23	1A46T-BF (2IN1) TUB	3100E8AFA4600TZA	12 250	100

* Also available in the Superflex slimline professional non-ferrous

SUPERFLEX tins



		Shape	Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	125X1.0X22.23	A60V BF INOX 10 Pack TIN	3100H3MAFA6000VZA	12 250	10
		41	125X1.0X22.23	1A46T-BF (2IN1) 10 Pack TIN	3100H4MAFA4600TZA	12 250	10
		41	125X1.0X22.23	A60 ALU BF 10 Pack TIN	3100H5LAFA6000AZA	12 250	10

* Also available in the Superflex slimline professional non-ferrous

Metal cutting disc for stationary machines

Superflex cut-off discs are specifically manufactured to suit different applications, machine types and speed requirements.

Available in a range of sizes for optimum performance on stationary machines.



SUPERFLEX Premium Heavy Duty Stationary Cutting Disc



Application: Metal, Steel

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	350X4X25.4	ZA24P BF5 PREMIUM	3100C4SLGA2400PZA	4 400	10
			400X4.2X25.4	ZA24P B175F4 PREMIUM	3100C4TMGZ2400PZA	3 850	10
			400X4.5X40	A30T BF TYPE HR	3100B1TMHA3000TZA	3 850	10

SUPERFLEX Professional Heavy Duty Stationary Cutting Disc



Application: Metal, Steel

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	300X3X25.4	AS24R BF2E/100	3100A8RHGA2400RZA	5 100	10
			300X3.5X40	AS24R BF	3100B0RJGA2400RZA	5 100	10
			350X3.5X40	AS24R BF	3100B0SJHA2400RZA	4 400	10
			400X4.5X40	A30T B281F5	3100B1TMHA3000TZA	3 850	10
			400X4.2X25.4	AS30P-B2 BF1	3100B1TMGA3000PZA	3 850	10

SUPERFLEX Professional Rough-Sided Stationary Cutting Disc



Application: Stainless steel

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	300X3.4X25.4	A30 O BF INOX ULTRA	3100B1RJGA3000OZA	5 100	10
			350X3.4X25.4	A30 O BF INOX ULTRA	3100B1SJGA3000OZA	4 400	10
			400X4X25.4	A30 O BF INOX ULTRA	3100B1TLGA3000OZA	3 850	10

SUPERFLEX industrial cutting disc



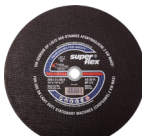
Application: Non-ferrous metals, Stone

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	300X3X25.4	CS24R BF50	3100B4RHGS2400RZA	5 100	10
			350X3X25.4	CS24R BF50	3100B4SHGS2400RZA	4 400	10
			400X3.5X25.4	CS24R BF50	3100B4TJGS2400RZA	3 850	10

SUPERFLEX Industrial Rough-Sided Stationary Cutting Disc



Application: Metal, Steel

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	300X2.8X25.4	AS30R BF2E	3100A8RGGA3000RZA	5 100	10
			350X3X25.4	AS30R BF2E	3100A8SHGA3000RZA	4 400	10
			400X3.2X25.4	AS30R BF2E	3100A8TIGA3000RZA	3 850	10

SUPERFLEX rail cutting disc



Application: Rail

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		41	350X4X25.4	A24Q B55 ROUGH SIDE RAIL 100M/S	3100B1SLGA2400QZA	5 500	10
			400X4.2X25.4	A24Q B55 ROUGH SIDE RAIL 100M/S	3100B1TMGA2400QZA	4 800	10

Grinding disc for portable machines

Superflex grinding discs deliver the perfect balance between stock removal rates and longevity

With a tiered range, grinding discs can be selected to meet the demands of rapid stock removal, specific finishes, as well as fast and comfortable working times



SUPERFLEX professional inox grinding disc



Application: Steel, Stainless steel and Heat sensitive metals

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		27	125X6.0X22.23	AS24R BF INOX ULTRA	AB-GD1256IP-10	12 250	10
			180X7.0X22.23	AS24R BF INOX ULTRA	AB-GD1807IP-10	8 500	10
			230X7.0X22.23	AS24R BF INOX ULTRA	AB-GD2307IP-10	6 650	10

SUPERFLEX professional grinding disc



Application: Steel, Carbon steel, Cast iron, Manganese and other Castings

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		27	125x6.8x22.23	AS30R BF32	AB-GD12568MP-10	12 250	10
			180X7.2X22.23	AS30R BF32	3200B8OTFA3000RZA	8 500	10
			230X7.2X22.23	AS30R BF32	3200B8QTFA3000RZA	6 650	10

SUPERFLEX industrial grinding disc



Application: Steel, Carbon steel, Cast iron, Manganese and other Castings

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		27	125X6.5X22.23	AS24/30T BF28	3200C8MRFA2430TZA	12 250	10
			180X6.4X22.23	AS24/30T BF28	3200C8OQFA2430TZA	8 500	10
			230X7.2X22.23	AS24/30T BF28	3200C8QUFA2430TZA	6 650	10

Specialised cut & grind disc for portable machines

The Professional cut & grind disc delivers optimum performance whilst boasting excellent longevity. Manufactured to replace a two-step application, one disc can now be used for both cutting, and light angle grinding.



SUPERFLEX professional cut & grind disc

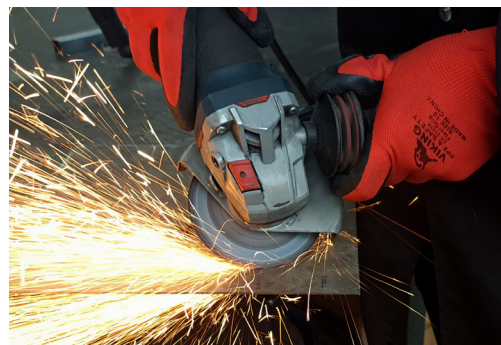


Application: Steel, Carbon steel, Cast iron, Manganese and other Castings

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		27	125X2.2X22.23	A36S BF INOX CG	3200A1MEFA3600SZA	12 250	25

Specialised curve cut disc for portable machines

The Professional curve cut disc delivers optimum performance cut after cut whilst boasting excellent longevity. The dome-shaped disc allows for effortless cutting of multiple sizes of circles and curves from sheet metal with only one disc



SUPERFLEX professional curve cut disc



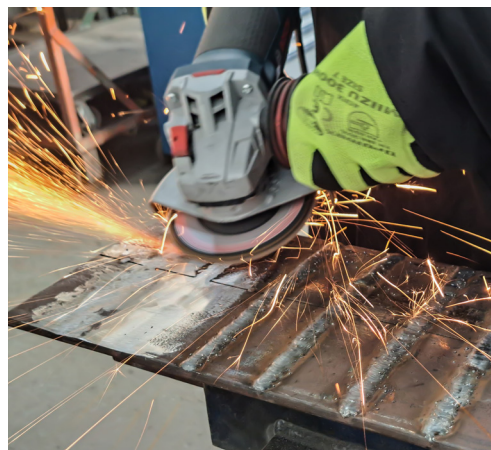
Application: Steel, Carbon steel, Cast iron, Manganese and other Castings

	Shape		Dimensions DxTxH (mm)	Specification	Part Number	MAX R.P.M	PU
		27	125X2.1X22.23	A36S BF INOX CC	AB-CD12521ICP-25	12 250	25

Flap disc for portable machines

Superflex flap discs have become a popular alternative to abrasive fibre discs when it comes to getting the job done quickly and efficiently.

Easy selection for your application is made possible with various sizes and grits ranging from Premium that allows for applications on heat-sensitive metals, to Evolution, for general purpose applications



SUPERFLEX premium - Inox



Application: Steel, Stainless steel and Heat sensitive alloys

Type		Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU	
		29	125 X 22	CA40	405012522040CA29	12 250	10
			125 X 22	CA60	405012522060CA29	12 250	10
			125 X 22	CA80	405012522080CA29	12 250	10

SUPERFLEX premium - Non-ferrous



Application: Non-Ferrous metals

Type		Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU	
		29	125 X 22	CA40	405012522040P29	12 250	10
			125 X 22	CA60	405012522060P29	12 250	10
			125 X 22	CA80	405012522080P29	12 250	10

SUPERFLEX professional



Application: Steel and Stainless steel

Type		Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU	
		27	125 X 22	AZ40	405012522040ZA27P	12 250	10
			125 X 22	AZ60	405012522060ZA27P	12 250	10
			125 X 22	AZ80	405012522080ZA29P	12 250	10
			125 X 22	AZ120	405012522120ZA29P	12 250	10
		29	125 X 22	AZ40	405012522040ZA29P	12 250	10
			125 X 22	AZ60	405012522060ZA29P	12 250	10
			125 X 22	AZ80	405012522080ZA29P	12 250	10
			125 X 22	AZ120	405012522120ZA29P	12 250	10

SUPERFLEX industrial



Application: Steel, Stainless steel, Plastics, Wood, Rust and Paint

Type		Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU	
		29	125 X 22	AZ40	405012522040Z29	12 250	10
		125 X 22	AZ60	405012522060Z29	12 250	10	
		125 X 22	AZ80	405012522080Z29	12 250	10	
		125 X 22	AZ120	405012522120Z29	12 250	10	

SUPERFLEX evolution - Zirconia



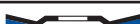
Application: General purpose - Steel, Stainless steel, Plastics, Wood, Rust and Paint

Type	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU
 	29	125 X 22	AZ40	AB-FD12540-10	12 250
		125 X 22	AZ60	AB-FD12560-10	12 250
		125 X 22	AZ80	AB-FD12580-10	12 250
		125 X 22	AZ120	AB-FD125120-10	12 250

SUPERFLEX evolution - Alox



Application: General purpose - Steel, Plastics, Wood, Rust and Paint

Type	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU	
 	29	125 X 22	A40	405012522040Z29AOD	12 250	10
		125 X 22	A60			10
		125 X 22	A80	405012522080Z29AOD	12 250	10

Evolution diamond blades for portable machines

Due to their longevity, and fast cutting abilities, diamond blades are becoming increasingly popular for cutting applications on stone, concrete, and other masonry substrates

Available in both Segmented and Continuous rim, these blades fit onto standard 115mm-and-230mm diameter angle grinders

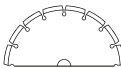
*Conveniently blister packaged



SUPERFLEX - Evolution Segmental Diamond Blades



Application: Bricks, Pavers, Roof Tiles, Concrete, Slate And Terracotta Floor Tiles

Shape	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU
 	115x1.8/7x22.23	SEGMENTAL	7400E1150722SSEVO	13 300	1
	230x2.6/7x22.23	SEGMENTAL	7400E2300722SSEVO	6 650	1

SUPERFLEX - Evolution Continuous Diamond Blades



Application: Granite, Porcelain, Marble, Tiles And Glazed Tiles

Shape	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU
 	115x1.8/5x22.23	CONTINUOUS	7400E1150522SECR	13 300	1
	230x2.6/5x22.23	CONTINUOUS	7400E2300722SECR	6 650	1

Non-woven hand pads and rolls

Non-Woven abrasives, also referred to as three dimensional abrasives, are abrasive grains bonded to flexible nylon fibers that allow for a consistent finish with the "open-weave" construction providing a continuous supply of new grain as the fiber and old grain wears away. Ideal for cleaning of welds, grind line finishing, intermediate sanding of lacquer and paint as well as cleaning of rust and coatings



Non-Woven Rolls



Application: Universal Use

	Dimensions (mm)	Specification	Part Number	PU
	75x10 000	NON WOVEN HAND ROLL MEDIUM (MAROON)	6991A75010NWMMR	1
	75x10 000	NON WOVEN HAND ROLL FINE (MAROON)	6991A75010NWFMF	1
	75x10 000	NON WOVEN HAND ROLL VERY FINE (MAROON)	6991A75010NWVFMF	1
	75x10 000	NON WOVEN HAND ROLL GP (GREEN)	6991A75010NWGPGR	1
	150X10 000	NON WOVEN HAND ROLL MEDIUM (MAROON)	6991B06010NWMMRN	1
	150X10 000	NON WOVEN HAND ROLL FINE (MAROON)	6991B06010NWFMF	1
	150X10 000	NON WOVEN HAND ROLL VERY FINE (MAROON)	AB-PD150NWMN-10	1
	150X10 000	NON WOVEN HAND ROLL GP (GREEN)	AB-PD150NWGN-10	1

Non-Woven Handpads



Application: Universal Use

Shape	Dimensions (mm)	Specification	Part Number	PU
	152X229	NON WOVEN HAND PAD MEDIUM (MAROON)	AB-PD152MMANW-10	10
	152X229	NON WOVEN HAND PAD FINE (MAROON)	AB-PD152MANW-10	10
	152X229	NON WOVEN HAND PAD VERY FINE (MAROON)	AB-PD152MANWVF-10	10
	152X229	NON WOVEN HAND PAD GP (GREEN)	AB-PD152GNNW-10	10

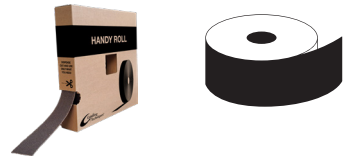
Handy rolls

Quality aluminum oxide abrasive cloth rolls for general sanding applications. Our range of handy rolls boast a flexible backing, that easily adapts to any workpiece. Conveniently packaged in an easy tear-off box.



Handy Rolls

Application: Steel, stainless steel, non-ferrous metals, wood, composites

Shape	Part number	Dimensions	Specification	PU
	4030KA16240040K	40MMX50M	KA162 HANDY ROLL P40J	1
	4030KA16240060K	40MMX50M	KA162 HANDY ROLL P60J	1
	4030KA16240080K	40MMX50M	KA162 HANDY ROLL P80J	1
	4030KA16240100K	40MMX50M	KA162 HANDY ROLL P100J	1
	4030KA16240120K	40MMX50M	KA162 HANDY ROLL P120J	1
	4030KA16240150K	40MMX50M	KA162 HANDY ROLL P150J	1
	4030KA16240180K	40MMX50M	KA162 HANDY ROLL P180J	1
	4030KA16240240K	40MMX50M	KA162 HANDY ROLL P240J	1

GRINDING TECHNIQUES

A COMPANY OF THE TYROLIT GROUP

28 Van Eck street, Chamdor, Krugersdorp,
South Africa

Tel +27 11 271 6400 | info@grindtech.com

www.grindtech.com



Find us on social media

TRADEZONE NEW ZEALAND

81A Cryers Rd, East Tamaki, Auckland 2013

Tel +64 9 274 5509 | support@tradezone.co.nz

tradezone.co.nz

TradeZone
New Zealand