



## SUPERFLEX FLAP DISC RANGE

Lead with the best, don't settle for anything less

A Company of the Tyrolit Group  
[www.grindtech.com](http://www.grindtech.com)



# 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)

# The TYROLIT Group

TYROLIT is one of the world's leading manufacturers of grinding and dressing tools as well as a system provider for the construction industry.

Since 1919, TYROLIT stands for products of the highest quality, innovation and service strength. Headquartered in Schwaz (Austria), the Tyrolean family-owned business combines the strengths of being a part of the dynamic Swarovski Group with a century's worth of individual corporate and technological experience. With more than 4,500 employees at 29 production sites in 11 countries, the TYROLIT Group manufactures over 80,000 different products in three business divisions.



TYROLIT headquarters in Schwaz (Austria)

## Application recommendation



Performance Level	Specification	Steel	Stainless Steel	NF Metals	Wood	Paint	Plastic
Premium	CA	•	•				
Premium Non-Ferrous	CA			•			
Professional	AZ	•	•				
Industrial	AZ	•	•		•	•	•
Evolution	AZ	•	•		•	•	•
Evolution	AO	•			•	•	•



Premium Inox



Premium Non-ferrous



Professional



Industrial



Evolution - Zirconia

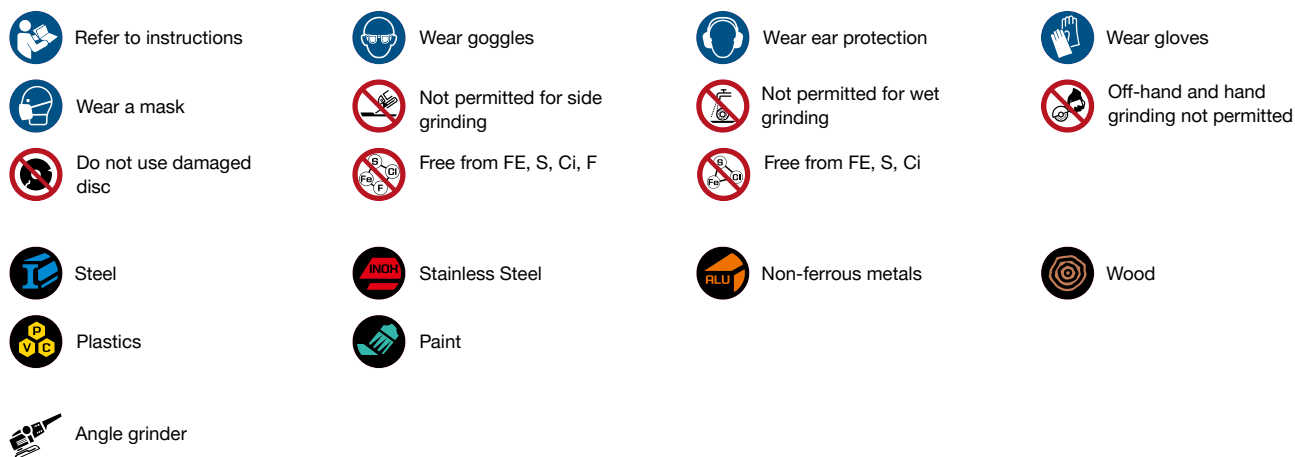


Evolution - Aluminium oxide

## WHY USE SUPERFLEX FLAP DISCS?

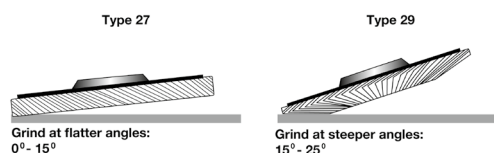
- Fast stock removal
- Both light and rough grinding can be done with one product.
- In many cases the number of working processes are reduced.
- Constant rate of stock removal and consistent finish is achieved throughout the product's lifetime.
- Reinforced fibre back support eliminates the need for expensive back-up pads, as Flap Discs bolt directly onto the grinder. This also enables the product to be used for corner grinding and sanding.
- Cool and soft grinding with less loading.
- The lighter pressures required for operation results in increased machine life and productivity.
- Competitively priced product which ensures value for money.

## Symbols



Available in 2 types:

- Type 27 that is suited to blending, smoothing and finishing flat surfaces
- Type 29 that is angled and ideally suited for aggressive stock removal, edge work and contouring



Flap discs bolt directly onto the grinder. No back-up pad required.

Reinforced fibreglass back support, contamination free.

Multilayer abrasive grinding flaps.

- A range with different tiers are available to suit various applications

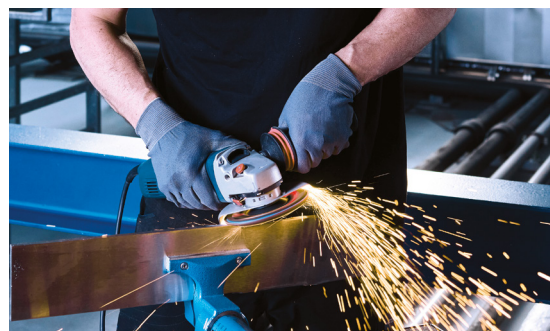
## GRIT CONVERSIONS

Always choose a flap disc at least ONE GRADE COARSER when converting from a fibre disc to obtain a similar finish with the same aggression.

# Superflex Flap disc

Locally manufactured with only the best raw materials and adhering to the highest international standards of OSA and ISO, 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 in ranges from Premium to Evolution.



## SUPERFLEX premium - Inox






**Application:** Steel, Stainless steel and Heat sensitive alloys

Type	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU			
		27	115 X 22	CA40	405011522040CA27	13 300	10	
		115 X 22	CA60	405011522060CA27	13 300	10		
		115 X 22	CA80	405011522080CA27	13 300	10		
		125 X 22	CA40	405012522040CA27	12 250	10		
		125 X 22	CA60	405012522060CA27	12 250	10		
		125 X 22	CA80	405012522080CA27	12 250	10		
		150 X 22	CA40	405015022040CA27	10 200	10		
		150 X 22	CA60	405015022060CA27	10 200	10		
		150 X 22	CA80	405015022080CA27	10 200	10		
		180 X 22	CA40	405018022040CA27	8 500	10		
		180 X 22	CA60	405018022060CA27	8 500	10		
		180 X 22	CA80	405018022080CA27	8 500	10		
			29	115 X 22	CA40	405011522040CA29	13 300	10
			115 X 22	CA60	405011522060CA29	13 300	10	
115 X 22	CA80		405011522080CA29	13 300	10			
180 X 22	CA40		405018022040CA29	8 500	10			
180 X 22	CA80		405018022080CA29	8 500	10			

## SUPERFLEX premium - Non-ferrous






**Application:** Aluminium and Non-ferrous metals

Type	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU			
		27	115 X 22	CA40	405011522040P27	13 300	10	
		115 X 22	CA60	405011522060P27	13 300	10		
		115 X 22	CA80	405011522080P27	13 300	10		
		125 X 22	CA40	405012522040P27	12 250	10		
		125 X 22	CA60	405012522060P27	12 250	10		
		125 X 22	CA80	405012522080P27	12 250	10		
		150 X 22	CA40	405015022040P27	10 200	10		
		150 X 22	CA60	405015022060P27	10 200	10		
		150 X 22	CA80	405015022080P27	10 200	10		
		180 X 22	CA40	405018022040P27	8 500	10		
		180 X 22	CA60	405018022060P27	8 500	10		
		180 X 22	CA80	405018022080P27	8 500	10		
			29	115 X 22	CA40	405011522040P29	13 300	10
			115 X 22	CA60	405011522060P29	13 300	10	
115 X 22	CA80		405011522080P29	13 300	10			

## SUPERFLEX professional





Application: Steel and Stainless steel

Type	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU
  27	115 X 22	AZ40	405011522040ZA27P	13 300	10
	115 X 22	AZ60	405011522060ZA27P	13 300	10
	115 X 22	AZ80	405011522080ZA27P	13 300	10
	115 X 22	AZ120	405011522120ZA27P	12 250	10
	125 X 22	AZ60	405012522060ZA27P	12 250	10
	125 X 22	AZ80	405012522080ZA27P	12 250	10
	125 X 22	AZ120	405012522120ZA27P	12 250	10
	150 X 22	AZ60	405015022060ZA27P	10 200	10
	150 X 22	AZ80	405015022080ZA27P	10 200	10
	150 X 22	AZ120	405015022120ZA27P	10 200	10
	180 X 22	AZ40	405018022040ZA27P	10 200	10
	180 X 22	AZ60	405018022060ZA27P	8 500	10
	180 X 22	AZ80	405018022080ZA27P	8 500	10
	180 X 22	AZ120	405018022120ZA27P	8 500	10
 29	115 X 22	AZ60	405011522060ZA29P	13 300	10
	115 X 22	AZ80	405011522080ZA29P	13 300	10
	125 X 22	AZ40	405012522040ZA29P	13 300	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: General purpose - Steel, Stainless steel, Plastics, Wood, Rust and Paint

Type	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU
  27	100 X 16	AZ40	405010016040Z27	15 300	10
	100 X 16	AZ60	405010016060Z27	15 300	10
	100 X 16	AZ80	405010016080Z27	15 300	10
	100 X 16	AZ120	405010016120Z27	15 300	10
	115 X 22	AZ24	405011522024Z27	13 300	10
	115 X 22	AZ40	405011522040Z27	13 300	10
	115 X 22	AZ60	405011522060Z27	13 300	5
	115 X 22	AZ80	405011522080Z27	13 300	10
	125 X 22	AZ40	405012522040Z27	12 250	10
	125 X 22	AZ60	405012522060Z27	12 250	10
	125 X 22	AZ80	405012522080Z27	12 250	10
	125 X 22	AZ120	405012522120Z27	12 250	10
	150 X 22	AZ40	405015022040Z27	10 200	10
	150 X 22	AZ60	405015022060Z27	10 200	10
	150 X 22	AZ80	405015022080Z27	10 200	10
	150 X 22	AZ120	405015022120Z27	10 200	10
	180 X 22	AZ24	405018022024Z27	8 500	10
	180 X 22	AZ40	405018022040Z27	8 500	10
	180 X 22	AZ60	405018022060Z27	8 500	10
	180 X 22	AZ80	405018022080Z27	8 500	10
	180 X 22	AZ120	405018022120Z27	8 500	10

## SUPERFLEX industrial




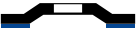


**Application:** General purpose - Steel, Stainless steel, Plastics, Wood, Rust and Paint

Type	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU	
 	29	115 X 22	AZ40 Maxi Flap	405011522040Z00	13 300	10
		115 X 22	AZ40	405011522040Z29	13 300	10
		115 X 22	AZ60	405011522060Z29	13 300	10
		115 X 22	AZ80 Maxi Flap	405011522080Z00	13 300	10
		115 X 22	AZ80	405011522080Z29	13 300	10
		115 X 22	AZ120	405011522120Z29	13 300	10
		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
		150 X 22	AZ40	405015022040Z29	10 200	10
		150 X 22	AZ60	405015022060Z29	10 200	10
		150 X 22	AZ80	405015022080Z29	10 200	10
		150 X 22	AZ120	405015022120Z29	10 200	10
		180 X 22	AZ40	405018022040Z29	8 500	10
		180 X 22	AZ60	405018022060Z29	8 500	10
		180 X 22	AZ80	405018022080Z29	8 500	10
		180 X 22	AZ120	405018022120Z29	8 500	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		
 	27	115 X 22	AZ40	405011522040Z27D	13 300	10	
		115 X 22	AZ60	405011522060Z27D	13 300	10	
		115 X 22	AZ80	405011522080Z27D	13 300	10	
		115 X 22	AZ120	405011522120Z27D	13 300	10	
	 	29	115 X 22	AZ40	405011522040Z29D	13 300	10
			115 X 22	AZ60	405011522060Z29D	13 300	10
			115 X 22	AZ80	405011522080Z29D	13 300	10
			115 X 22	AZ120	405011522120Z29D	13 300	10

## SUPERFLEX evolution - Aluminium oxide



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

Type	Dimensions DxTxH (mm)	Specification	Part Number	MAX RPM	PU	
 	29	115 X 22	AO40	405011522040Z29AOD	13 300	10
		115 X 22	AO60	405011522060Z29AOD	13 300	10
		115 X 22	AO80	405011522080Z29AOD	13 300	10

**GRINDING TECHNIQUES (PTY) LTD**

28 Van Eck Street, Chamdor, Krugersdorp, Gauteng, South Africa

PO Box 51, Krugersdorp, 1740, South Africa

Tel +27 11 271 6400 | Fax +27 11 271 6464

Fax to email 086 656 6989 | [info@grindtech.com](mailto:info@grindtech.com)