

# FLAPS' SHAPES OF GLOBE FLAP DISCS



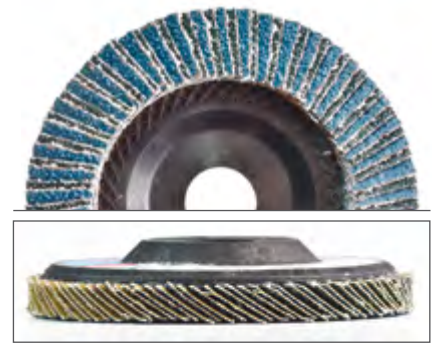
GLOBE offers a wide range of abrasive flap discs manufactured and tested in compliance with the European regulations according to the maximum safety levels (EN13743) of the product. The high quality abrasive cloths assures a regular consumption and excellent grain renewal and cutting. Flaps are carefully positioned to get perfect roundness and balancing for a precise and comfortable work without vibrations and overheating. For special applications, discs with reduced diameter backing pads are available on demand. In these discs the prominent part of flaps is greater to give more elasticity and softness. Cloth mounting can be made in 3 different ways:

- **HT (High Thickness)**
- **STANDARD**
- **BASIC**

## HT (HIGH THICKNESS)

In this mounting shape, flaps are narrower but in bigger number, giving the disc a higher, more compact and narrower abrasive crown cloth with more inclined flaps, bringing the following advantages:

- regular and full consumption of abrasive cloth (in standard discs 1/3 of the cloth is left unused) minimizing the waste of abrasive;
- increased removal speed thanks to the greater concentration of cloth on the outer part of the disc where speed is higher;
- constant removal capacity from the beginning to the end of the disc thanks to the special mounting layout of the flaps that, being in bigger number, are more inclined than those of standard discs, giving better and constant renewal of abrasive grains. The higher quality of the cloth assures top level performances in durability and removal speed. It is recommended to use with powerful grinders (at least 1000 Watts) to maximize performances.

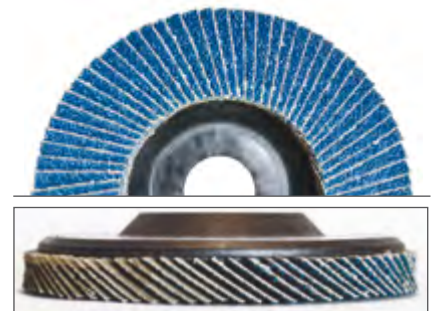


## STANDARD

Flaps are larger and in a lower number than the HT version. This mounting shape, less aggressive, is more suitable to work on the edges and on more "delicate" materials.

Suitable also for less powerful grinders.

Discs with this mounting shape have alternate flaps of different hardness to get more efficient and constant renewal of abrasive grains even if flaps are less inclined.



## BASIC

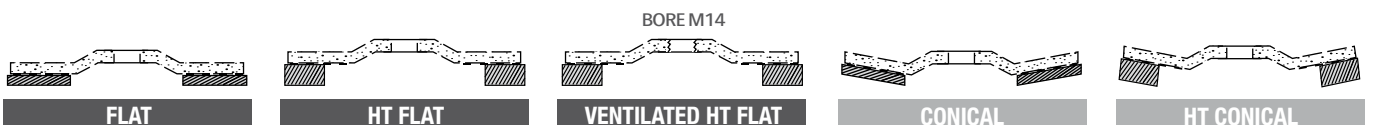
The BASIC range is the GLOBE ENTRY LEVEL line.

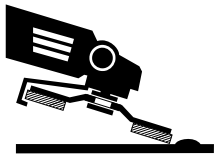
It keeps a good quality level with high removal capacity and good lifetime at a lower price level. Especially conceived for the large-scale retail trade. The cloth used is softer than the HT and STANDARD versions, allowing a constant change of the abrasive grains.

Also suitable for less powerful grinders.



## MOUNTING SHAPES AVAILABLE





# FLAP DISCS

- PLASTIC BACKING PAD
- FLAT VERSION

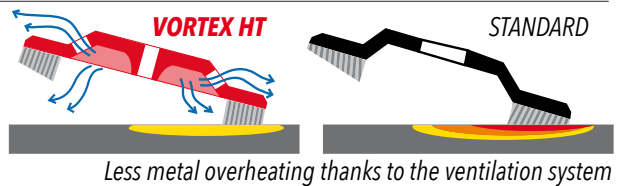
FLAP DISCS



Compared to the fiberglass backing pad, the plastic one gives greater rigidity to the disc. Available in HT version (with narrow crown), standard version or in economical version with both zirconium cloths (suitable for grinding and finishing all types of steel, also alloyed) and corundum cloths (suitable for iron and steel). Discs with plastic backing pad as well as those with fiberglass backing pad are manufactured and tested in compliance with European standards respecting the maximum safety (EN13743). Among its innovations, GLOBE is proud to present the **VORTEX HT** and **COMPACT** discs.

**VORTEX HT** is the most advanced flap disc currently on the market, featuring innovations and technical solutions that make it unique.

- Ventilating aerodynamic fins: produce a ventilating and cooling effect; the workpiece remains colder with less risk of pitting (particularly important for stainless steel); the abrasive cloth is subject to less overheating, less wear and this makes the disc more durable.
- Threaded bore: allows quick and easy fixing without wrenches.
- The HT arrangement of flaps allows a very high abrading capacity and working speed as well as a constant performance from the beginning to the end of the disc. Furthermore, the arrangement of abrasive mixture in the peripheral area of the disc, minimizes wasted material when the disc is finished.



**COMPACT** is GLOBE answer to some applications that need a rigid and compact product. The special structure of the plastic backing pad and the arrangement of the flaps allow to obtain a high rigidity and density of the flap structure giving the disc particularly advantageous abrading properties. In particular, flaps so arranged do not yield under pressure, allowing to work accurately and precisely the desired metal part without affecting surrounding areas. Even when working with the disc inclined, flaps remain firm and rigid, allowing an accurate and fast work. The high quality cloth is durable and high-performing, reducing working times and costs.



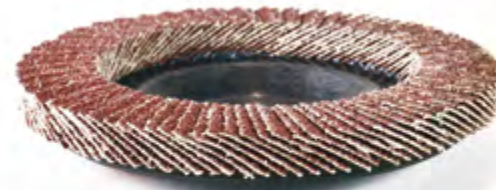
HT (HIGH THICKNESS)

APPLICATION TYPE OF CLOTH	DIMENSIONS (diam - bore) mm	GRIT	FLAT VERSION ART. CODE	
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HT



 <b>STEEL</b>	115x22,23	A 40	G3012 HT	20pcs
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 ALUMINUM OXIDE



**HT:** assembly with High Thickness flaps. Recommended for grinders of more than 1000 Watts. Disc for professionals.



HT

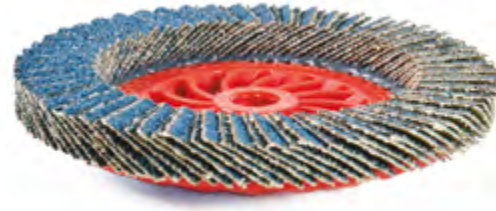
 <b>STAINLESS STEEL AND STEEL</b>	115x22,23	Z 40	G3112 HT •	20pcs	
	115x22,23	Z 60	G3114 HT •	20pcs	
	115x22,23	Z 80	G3115 HT	20pcs	
	115x22,23	Z 120	G3117 HT	20pcs	
	 ALUMINA ZIRCONIA	125x22,23	Z 40	G3132 HT	20pcs
		125x22,23	Z 60	G3134 HT	20pcs
		125x22,23	Z 80	G3135 HT	20pcs



**HT:** High Thickness mounting. Recommended for grinders of more than 1000 Watts. Disc for professionals.


VORTEX HT

 <b>STAINLESS STEEL AND STEEL</b>	115xM14	Z 40	G3112 HTV •	20pcs	
	115xM14	Z 60	G3114 HTV •	20pcs	
	115xM14	Z 80	G3115 HTV	20pcs	
	 ALUMINA ZIRCONIA	125xM14	Z 40	G3132 HTV	20pcs
		125xM14	Z 60	G3134 HTV	20pcs
		125xM14	Z 80	G3135 HTV	20pcs

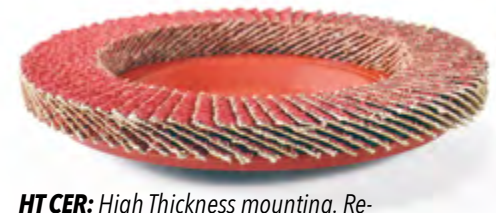


**HT VORTEX:** ventilated backing pad and High Thickness assembly. Recommended for grinders of more than 1000 Watts. Disc for professionals.

CERAMIC HT

 <b>STAINLESS STEEL AND STEEL</b>	115x22,23	CER 40	G3152 HT •	20pcs
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 CERAMIC GRAIN





**HT CER:** High Thickness mounting. Recommended for grinders of more than 1000 Watts. Disc for professionals.

STANDARD

APPLICATION TYPE OF CLOTH	DIMENSIONS (diam - bore) mm	GRIT	FLAT VERSION ART. CODE	
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TOP

 <b>STEEL</b>	115x22,23	A 36	G3011	20pcs	
	115x22,23	A 40	G3012 •	20pcs	
	115x22,23	A 60	G3014 •	20pcs	
	 ALUMINUM OXIDE	180x22,23	A 40	G3022 •	10pcs
		180x22,23	A 60	G3024 •	10pcs



**TOP:** assembly with High Thickness flaps. Recommended for grinders of more than 1000 Watts. Disc for professionals. Exceptional performances.

TOP

 <b>STAINLESS STEEL AND STEEL</b>	115x22,23	Z 36	G3111	20pcs	
	115x22,23	Z 40	G3112 •	20pcs	
	115x22,23	Z 60	G3114 •	20pcs	
	115x22,23	Z 80	G3115 •	20pcs	
	115x22,23	Z 120	G3117 •	20pcs	
	 ALUMINA ZIRCONIA	125x22,23	Z 40	G3132 •	20pcs
		125x22,23	Z 60	G3134 •	20pcs
		125x22,23	Z 80	G3135 •	20pcs
		180x22,23	Z 40	G3122 •	10pcs
		180x22,23	Z 60	G3124 •	10pcs





**TOP:** top of the range disc with standard assembly of flaps. Long durability assured. High removal capacity.

STANDARD

APPLICATION TYPE OF CLOTH	DIMENSIONS (diam - bore) mm	GRIT	FLAT VERSION ART. CODE	
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COMPACT

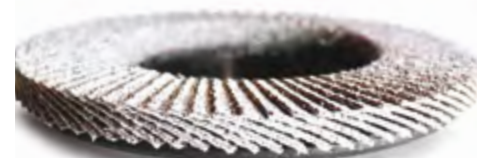
 <b>STAINLESS STEEL AND STEEL</b>  <b>ALUMINA ZIRCONIA</b>	115x22,23	Z 40	G3112 COM •	20pcs
	115x22,23	Z 60	G3114 COM •	20pcs
	115x22,23	Z 80	G3115 COM •	20pcs



**COMPACT:**  
reverse conical plastic backing pad that makes the disc rigid and compact on the outer edge. Ideal for working sheet metals.

ALU

 <b>ALUMINIUM</b> <i>NEW</i>  <b>ALUMINUM OXIDE WITH ZIRCONIUM STEARATE</b>	115x22,23	A 40 QAL	G3012 •	20pcs
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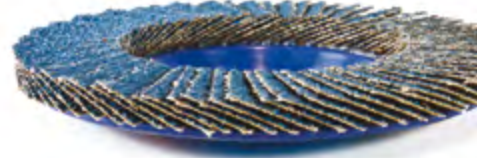
**ALUMINIUM:**  
Disc specifically designed for aluminium. Extraordinary durability. It doesn't clog.

BASIC

APPLICATION TYPE OF CLOTH	DIMENSIONS (diam - bore) mm	GRIT	FLAT VERSION ART. CODE	
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RAPID PLUS

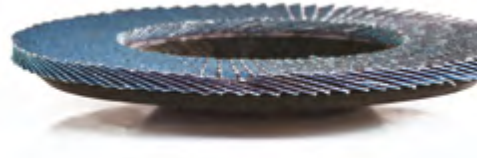
 <b>STAINLESS STEEL AND STEEL</b>  <b>ALUMINA ZIRCONIA</b>	<i>NEW</i> 115x22,23	Z 40	G3112 R •	20pcs
	<i>NEW</i> 115x22,23	Z 60	G3114 R •	20pcs
	<i>NEW</i> 115x22,23	Z 80	G3115 R •	20pcs
	<i>NEW</i> 125x22,23	Z 40	G3132 R •	20pcs
	<i>NEW</i> 125x22,23	Z 60	G3134 R •	20pcs
	<i>NEW</i> 125x22,23	Z 80	G3135 R •	20pcs



**RAPID PLUS:**  
improvement of the Rapid disc. More durability and removal speed.

GF

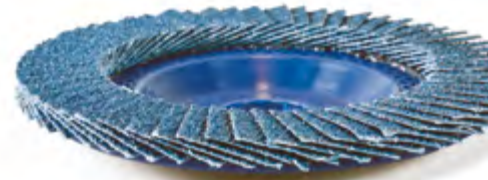
115x22,23	Z 40	GF3112 •	20pcs
115x22,23	Z 60	GF3114 •	20pcs
115x22,23	Z 80	GF3115 •	20pcs
115x22,23	Z120	GF3117 •	20pcs



**GF:**  
basic range with plastic backing pad.

GF EKO

<i>NEW</i> 115x22,23	Z 40	GF3112 EKO 200 •	200pcs
<i>NEW</i> 115x22,23	Z 60	GF3114 EKO 200 •	200pcs



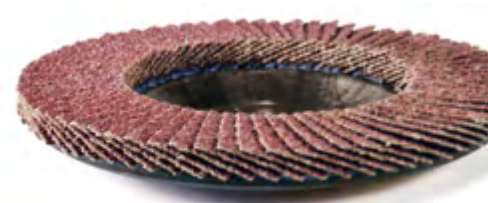
**GF - EKO:**  
the new GLOBE economical disc.

 **STEEL**

 **ALUMINUM OXIDE**

GF

115x22,23	A 40	GF3012 •	20pcs
115x22,23	A 60	GF3014 •	20pcs



**GF:**  
basic range with plastic backing pad.