RockRidge Abrasives
Flap Disc Information Guide

RockRidge® Flap Discs are a versatile grinding and finishing abrasive. The flaps overlap and adhere to a fiberglass backing plate. The flaps wear during use, exposing new abrasive grain on the edges of the flap, extending the life of the disc.

There are options for abrasive grain type, flap density, and backing plate shapes to fit a variety of applications. Flap discs, in comparison to grinding wheels, offer faster stock removal, a better finish, less gouging, reduced noise, and they are easier to use. Flap discs last longer than resin fiber discs, reducing change out time and finishing costs. RockRidge® Flap Discs are offered in Type 27 or Type 29 shapes. The discs are 4.5" in diameter and the arbor size options include 7/8" or 5/8-11".

Zirconia Alumina

Zirconia Alumina grain, on poly/cotton backing, provides both excellent cut rates and extended life. Zirconia grain is aggressive and durable, constantly re-sharpening for long life and consistent finishes. It is ideal for blending, deburring, cleaning, and stock removal. The fiberglass backing is light weight and high strength. They are available in standard or high-density flap designs.

Ceramic Alumina

Ceramic Alumina grain is hard, tough, and sharp. It has a micro-structure that allows the grain to easily re-sharpen. This provides the same cut and finish through its extended life span. Ceramic will provide a longer life than other abrasive grains. The poly backing provides less fraying and greater grit retention. Ceramic flap discs are the best choice for aggressive stock removal, deburring, cleaning, finishing, and blending applications on stainless steel and other high alloys.

Flap Discs Applications:

- *Grinding and deburring*
- *Stock removal*
- *Beveling*
- *Blending*
- *Cleaning: spatter, mill, and heat treat scale*
- *Surface preparation and finishing*

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Type 27

Disc/Arbor Size	Grit	Zirconia Alumina Part Number	Ceramic Alumina Part Number	Box Quantity	Case Quantity
4.5 x 7/8	36	442736	482736	10	100
	36 HD	442736HD		10	100
	40	442740	482740	10	100
	40 HD	442740HD		10	100
	60	442760	482760	10	100
	60 HD	442760HD		10	100
	80	442780	482780	10	100
	80 HD	442780HD		10	100
4.5 x 5/8-11	36	442736-11	482736-11	10	100
	36 HD	442736HD-11		10	100
	40	442740-11	482740-11	10	100
	40 HD	442740HD-11		10	100
	60	442760-11	482760-11	10	100
	60 HD	442760HD-11		10	100
	80	442780-11	482780-11	10	100
	80 HD	442780HD-11		10	100

Type 29

Disc/Arbor Size	Grit	Zirconia Alumina Part Number	Ceramic Alumina Part Number	Box Quantity	Case Quantity
4.5 x 7/8	36	442936	482936	10	100
	36 HD	442936HD		10	100
	40	442940	482940	10	100
	40 HD	442940HD		10	100
	60	442960	482960	10	100
	60 HD	442960HD		10	100
	80	442980	482980	10	100
	80 HD	442980HD		10	100
4.5 x 5/8-11	36	442936-11	482936-11	10	100
	36 HD	442936HD-11		10	100
	40	442940-11	482940-11	10	100
	40 HD	442940HD-11		10	100
	60	442960-11	482960-11	10	100
	60 HD	442960HD-11		10	100
	80	442980-11	482980-11	10	100
	80 HD	442980HD-11		10	100