

PEGASUS Flap Disc



Product Advantages

- Overlong durability
- High cutting speed
- Comfortable grinding experience
- Burr-free
- Sharp

Application

- Stock removal
- Deburring
- Surface grinding
- Blending welds
- De-burring

Material

- Stainless steels
- Mild Steels
- Tool Steels Spring Steels
- Cast Iron
- Non-ferrous Metals
- Plastic, primer
- Lacquers And Wood

Apps & Solutions

Mild Steel Application

Some common mild steel applications start with grit 40 or grit 50 flap disc to quickly remove welds or surface imperfections. Flap discs should be versatile because they need to quickly remove material and have formidable cleaning properties. Choosing a flap disc with these performance factors may be challenging.

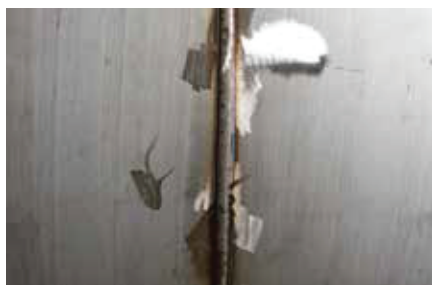


SOLUTION

PEGASUS flap discs have been designed to meet the challenges of mild steel fabricators. Not only does the unique blend of grains provide a fast cut, our exclusive hard edge construction shows the most durability and life seen by any other flap disc. PEGASUS flap discs will deliver fast material removal while remaining flexible for general clean up and burr removal applications.

Stainless Steel Application

Stainless fabricators may choose flap discs over resin fibre discs because of their finer finish. The added ability for flap discs to perform general clean up duties, such as spatter and mill scale removal, also make them a popular choice.

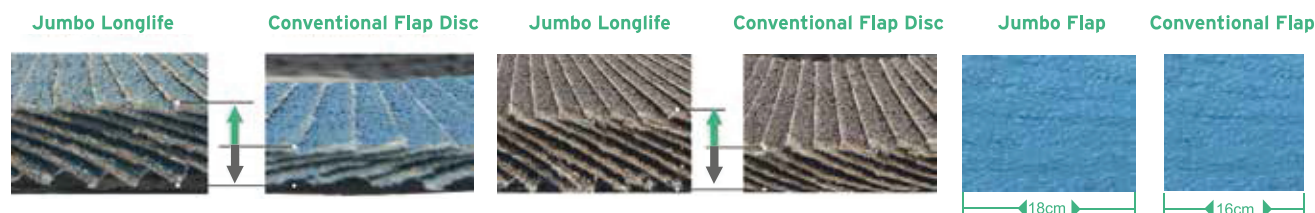


SOLUTION

The self-sharpening grains and optional hard edge shape of PEGASUS flap discs deliver fast material removal and excellent cleaning properties. PEGASUS flap discs can outlast the excessive heat generated from stainless grinding, especially compared to standard zirconia and aluminum oxide flap discs.

Jumbo Flap Discs - Simply Grind More Efficiency!

- The obvious thickness thanks to the special long flaps and more flap pieces.
- The larger supporting surface of the flaps allows a much higher stock removal efficiency.
- More flaps mean much more abrasive grinding material -- this ensures a higher abrasion power, extremely faster and longer life.



PEGASUS Jumbo Performance Used For Stainless Steel



- Excellent performance and efficiencies on stainless steel applications
- Plastic wears away with abrasive - for longer life
- Less downtime for disc changes
- Cool, noticeably fast cut rate
- Produced with European raw materials of Zirconia Alumina
- Low cost but perfect polishing effect.
- Grit 40 is for original grinding, Grit 60 is for surface finishing.

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Zirconia	40# 60# 80# 100# 120#	20	200	80m/s	PSFD100ZA
115x22,23			20	100	80m/s	PSFD115ZA
125x22,23			20	100	80m/s	PSFD125ZA
150x22,23			10	100	80m/s	PSFD150ZA
180x22,23			10	100	80m/s	PSFD180ZA

PEGASUS Jumbo Performance Used For Steel



- Significantly improves life, grain retention and fray resistance
- Cool, noticeably fast cut rate
- Produced with new technique raw material, stable and extremely high efficiency.
- Very aggressive and consistent, New resin system for high grain retention
- cut rate Maximum contact with work piece without loading
- Fine finishing primarily on flat surfaces

Size		Grades Available	PCS/BOX	PCS/CTN	M/S	EAN-Code
Dia	Material					
100x16	Aluminium Oxide	40# 60# 80# 100# 120#	20	200	80m/s	PFD100A
115x22,23			20	100	80m/s	PFD115A
125x22,23			20	100	80m/s	PFD125A
150x22,23			10	100	80m/s	PFD150A
180x22,23			10	100	80m/s	PFD180A

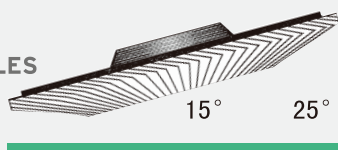
TECHtips Two Basic Flap Disc Designs

Type 29 Conical

THE MOST AGGRESSIVE CHOICE

- Conical flap discs have flaps angled at 10 degrees be used on both conical and flat surfaces and may
- The angle provides greater surface contact and as a result, tends to be the most aggressive choice
- The best choice when speed and stock removal are primary considerations

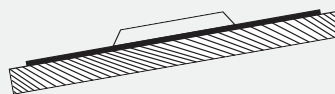
GRIND AT
STEEPER ANGLES



Type 27 Flat

THE CHOICE FOR THE BEST FINISH

- The Type 27 flap discs have a flat design and are used primarily on flat surfaces
- The best choice for smooth finishing
- Also available in Norton Jumbo / Merit High Density sizes with extra large flaps lasting up to 40% longer than standard flap discs
- Choice will also depend on user preference of grinding angle (severe angle will weaken the edges)



GRIND AT
FLATTER ANGLES