

# 3M™ Cubitron™ II Fibre Disc 982C



3M™ Cubitron™ II Fibre Disc 982C offers optimum performance and productivity on carbon steel with our exceptionally high-performing 3M Precision Shaped Grain combined with a stiff fiber backing, and generates up to twice the cut-rate, durability, and life of other fiber discs—all with less grinding pressure.

- 3M Precision Shaped Grain maintains super-sharp points that cut exceptionally fast with less pressure
- Disc life is significantly longer, completing more parts per disc and requiring fewer disc changes
- Triangular-shaped ceramic grain wears evenly, runs cool, and optimizes mineral breakdown
- Stiff fiber backing and a strong resin bond provide durability and tear-resistance for heavyweight applications such as high-pressure weld grinding, and can be used wet or dry
- 7/8" center hole mount is compatible with 3M™ Disc Pad Face Plates and Hubs, and requires the use of a disc retainer nut (all sold separately)

Designed for carbon steel applications, 3M™ Cubitron™ II Fibre Disc 982C delivers superior throughput with less operator fatigue when tackling high pressure grinding applications such as medium to heavy-duty stock removal, delivering a lower cost per grind with fewer steps in the grinding sequence. This disc is well-suited for edge chamfering, beveling, and removing carbon steel welds, mill scale, pits and imperfections, machining grooves, and more.

Our proprietary 3M™ Cubitron™ II products have raised the bar for high-performing abrasives. Our engineers started with 3M™ Ceramic Abrasive Grain and used precision shaped grain technology to electrostatically orient each triangular structure on the backing to form sharp peaks and maximize cutting potential. These peaks act like individual cutting tools that slice through metal, and continuously self-sharpen as the points break off. The grains wear evenly and provide extra-long life and consistency with less grinding pressure. The result is that Cubitron™ II discs outcut and outlast

every conventional ceramic industrial abrasive disc on the market, maximizing productivity and minimizing operator fatigue.

Fiber discs are heavy-duty discs ideal for weld removal, grinding, and blending large and small areas of metal surfaces. They feature a tough, stiff backing made from hardened fibers that resist wear and can handle tough grinding applications. A center hole disc is attached to a disc pad hub and face plate with a compatible disc retainer nut, and mounted on a right angle grinder (all sold separately).

### ***Specifications***

Application Category	Grinding/Metal Stock Removal
Applications	Grinding, High Pressure Grinding, Right Angle Grinding, Edge Chamfering, Weld Removal & Finishing, Edge Beveling, Gate Removal
Backing Material	Fibre
Bonding Type	Resin
Brand	Cubitron™
Center Hole Diameter	0.87 Inch, 0.62 Inch
Center Hole Diameter (Metric)	22.1 mm, 15.748 mm, 22.098 mm
Coat Type	Closed Coat
Color	Brown
Construction	Abrasive Disc
Converted Form	Disc, Non-Standard Size, Fibre Disc
Diameter	9.12 Inch, 5 Inch, 4.5 Inch, 7 Inch, 4 Inch
Diameter (Metric)	101.6 mm, 231.648 mm, 177.8 mm, 127 mm, 114.3 mm
Equipment - Machines	Right Angle Grinders
Form Type	Fibre
Grade	60+, 36+, 80+
Health and Safety	Respiratory Protection, Hand Protection, Eye Protection, Hearing Protection
Industries	Marine, Metalworking
Max RPM	12000, 13300, 6600, 15000, 8600
Max Speed	80 mps
Mineral Type	Precision Shaped Ceramic Grain

Position	Premium
Primary Application	Metalworking
Product Form	Disc
RPM	13.30, 12,000, 8,600
Size	178mm x 22mm, 115mm x 22mm, 125mm x 22mm
Sub Industries	Metal Fabrication
Substrates	Aluminum, Carbon Steel