



3M

CUBITRON™ II

Industrial Abrasives

How the best get better.

Introducing 3M™ Cubitron™ II
Abrasives and 3M™ Power Tools.

NEW

3M™ Cubitron™ II Fibre
Disc 982CX Pro
featuring re-engineered
3M Precision-Shaped™
Grain and redesigned
construction.

Industries:



Metal Fabrication

Structural Steel

Sheet Metal

Machining



Machinery Manufacturing

Farms and
Construction

Industrial

Food Processing

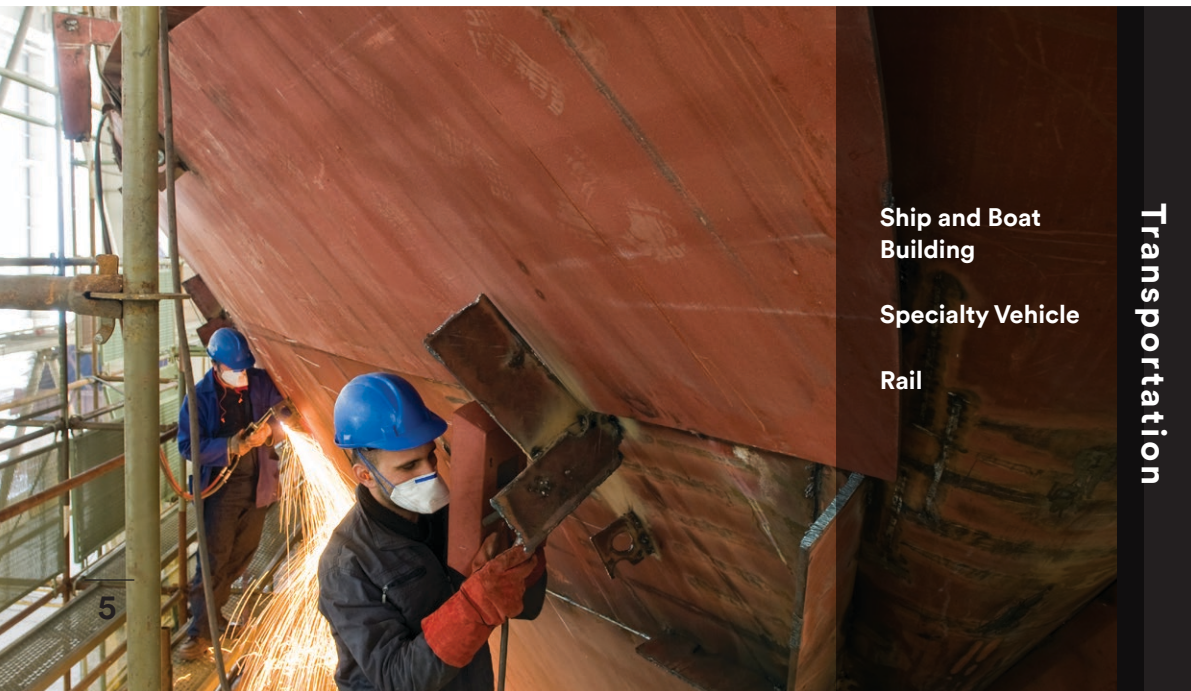
Oil and Gas

Applications:

- ▶ Weld Removal
- ▶ Beveling
- ▶ Grinding
- ▶ Scale Removal
- ▶ Heavy Deburring

Use On:

- ▶ Carbon Steel



Transportation

Ship and Boat
Building

Specialty Vehicle

Rail



Cuts
33%
Faster
than Cubitron™ II
Fibre Discs 982C

Boost productivity and your bottom line.

Introducing the new 3M™ Cubitron™ II Fibre Disc 982CX Pro and the new 3M™ Pneumatic Angle Grinder and Pneumatic Sander. The new fiber discs that cut even faster and last even longer than our legendary Cubitron™ II Fibre Discs. When paired with our tools and recommended back-up pads, the system gives you more power than ever before. It's performance, power and productivity optimized.

3M™ Cubitron™ II Fibre Disc 982CX Pro

A system of success.

When you combine our new 3M™ Cubitron™ II Fibre Discs 982CX Pro with our new 3M™ Pneumatic Angle Grinder or Sander and 3M™ Disc Back-up Pad, you're setting yourself up for a new level of productivity. When used together, the effectiveness of each component is enhanced to provide optimal abrasive performance — including abrasive life, cut-rate and consistency.

▶ Performance

Start strong with new 3M™ Cubitron™ II Fibre Discs 982CX Pro that provide faster, cooler and consistent cutting with longer life.

▶ Power

The new 3M™ Pneumatic Tools help optimize the cut and life of our new 3M™ Cubitron™ II Fibre Discs 982CX Pro.

▶ Productivity

Long lasting abrasives for fewer changeovers and less downtime.

3M™ Pneumatic Angle Grinder

The new 3M™ Grinder offers superior performance and a world-class ergonomic design. It's designed with robust components for durability and reliability in the harshest industrial conditions.



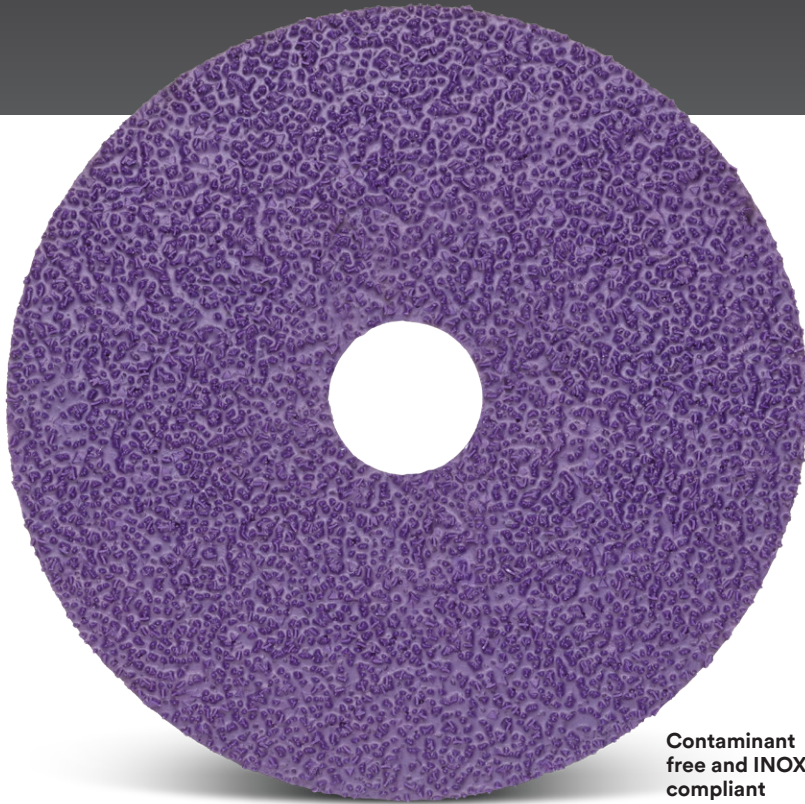
- ▶ 1.5HP (1100 W Power)
- ▶ Wheel autobalancer
- ▶ Adjustable guard
- ▶ Vibration-reducing side handle with added padding; interchangeable for right of left hand usage
- ▶ Available accessories provide maximum functionality and flexibility
- ▶ Rear exhaust directs exhaust and swarf away from the workpiece



3M™ Disc Back-up Pad, Ribbed

3M™ Disc Back-up Pads provide the firm support required for grinding applications. They feature a convenient, one-piece design for quick and easy assembly. The extra hard, stiff density of this back-up pad helps optimize the performance and life of coarse grade fibre discs in medium to heavy grinding applications.

- ▶ Recommended for best performance with 3M™ Cubitron™ II Fibre Disc 982CX Pro and 3M™ Pneumatic Angle Grinder
- ▶ One-piece design for added convenience
- ▶ Threaded hub allows for easy, secure attachment to tool
- ▶ Low-profile design will fit most tools and guards
- ▶ For use with coarse grade fiber discs and select non-woven Scotch-Brite™ abrasives



Contaminant free and INOX compliant

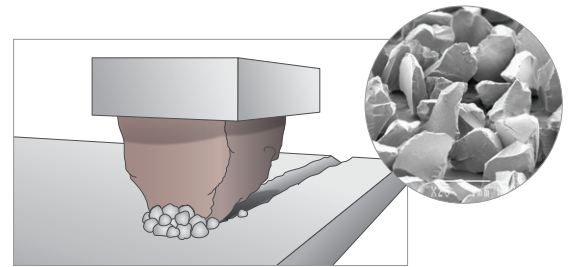
3M™ Cubitron™ II Fibre Disc 982CX Pro

The new 3M™ Cubitron™ II Fibre Disc 982CX Pro features reinvented precision-shaped grain and redesigned construction for longer life and improved performance.

- ▶ Faster cutting and longer lasting compared to 3M™ Cubitron™ II Fibre Discs 982C
- ▶ Cuts with less pressure—helps reduce operator fatigue
- ▶ Ideal for medium and high-pressure applications like weld removal, beveling and other aggressive grinding applications
- ▶ Use on carbon steel

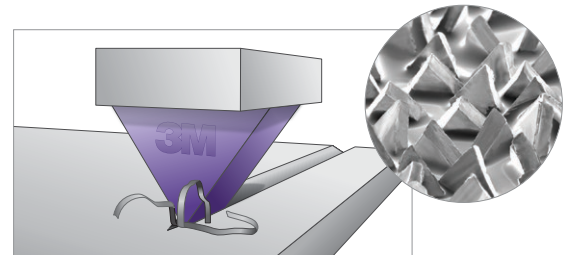
3M Precision-Shaped Grain re-engineered.

Conventional ceramic abrasive grain tends to “plow” through metal, causing heat to build up in the workpiece and the abrasive, resulting in a slower cut and shorter abrasive life.



Conventional Ceramic Abrasive

3M pioneered the first precision-shaped grain using 3M microreplication technology to form consistent sharp peaks that easily “slice” through metal—cutting cooler, faster and lasting longer than conventional abrasive grain.

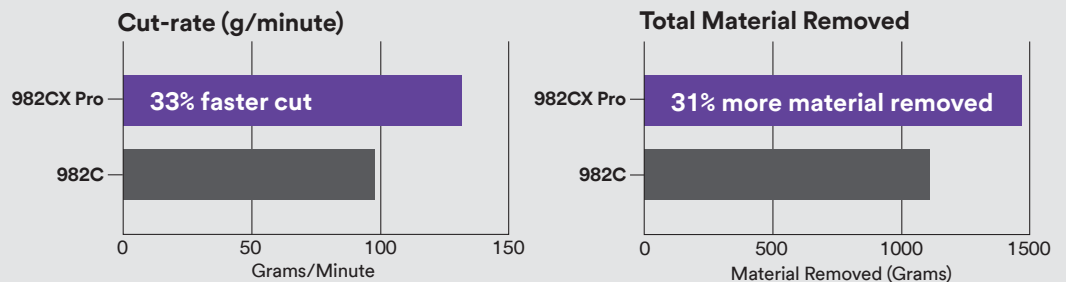


3M Precision-Shaped Grain

And now, we’ve done it again.

A new era of abrasive performance is here.

The first time you use 3M™ Cubitron™ II Fibre Discs 982CX Pro, with newly re-engineered precision-shaped grain, you’ll instantly notice the difference. We’ve taken the legendary cutting speed and life of 3M™ Cubitron™ II abrasives to a new level—outperforming our original precision-shaped grain.



*Results based on an automated, 11 minute test on 1018 steel using a 3M™ Cubitron™ II Fibre Disc 982CX Pro, 7", grade 36+ and 3M™ Disc Pad Face Plate Ribbed 80514 on a servo motor.

Product Information

Product	UPC	Diameter (Inches)	Max RPM	Min/Case	
3M™ Cubitron™ II Fibre Disc 982CX Pro, Grade 36+					
	06-38060-83330-8	4 × 5/8	15,000	25/100	
	06-38060-83328-5	4 × 7/8	15,000	25/100	
	06-38060-83313-1	4 1/2 × 7/8	13,300	25/100	
	06-38060-83314-8	5 × 7/8	12,000	25/100	
	06-38060-83327-8	6 × 7/8	10,000	25/100	
	06-38060-83315-5	7 × 7/8	8,600	25/100	
	06-38060-83316-2	9 1/8 × 7/8	6,600	25/100	
TN Quick Change					
	06-38060-83320-9	4 1/2 × 5/8-11	13,300	25/100	
	06-38060-83317-9	5 × 5/8-11	12,000	25/100	
	06-38060-83331-5	7 × 5/8-11	8,600	25/100	
GL Quick Change					
	06-38060-83329-2	4 1/2 × 5/8-11	13,300	25/100	
	06-38060-83318-6	5 × 5/8-11	12,000	25/100	
	06-38060-83319-3	7 × 5/8-11	8,600	25/100	
Disc Back-Up Pad & Mounting Kit	3M™ Disc Back-up Pad, Ribbed, Extra Hard, One Piece				
		06-38060-88655-7	4 1/2	13,300	10
		06-38060-88656-4	5	12,000	10
		06-38060-88657-1	7	8,600	10
3M™ Disc Back-up Pad Mounting Kit*					
	06-38060-88968-8	Includes 3M™ Retainer Nut PN 02618, 3/8" PG Wheel Spacer and 1/8" Spacer		1	
Disc Face Plate and Disc Pad Hub	3M™ Disc Pad Face Plate – Extra Hard (Ribbed)				
		051141-28443-9	4 1/2	13,300	10
		051144-81732-0	5	12,000	10
		051144-80514-3	7	8,600	10
	3M™ Disc Pad Hub – Low Profile				
		051141-28476-7	2 1/2 × 5/8-11	N/A	10
	3M™ Disc Retainer Nut				
	051111-51047-6	5/8 Depth × 5/8-11	N/A	10	

*Not required for use with 3M™ Pneumatic Angle Grinder or Sander.

Product	UPC	Tool Dia. In. (mm)	Motor HP (W)	Max RPM	Airflow Rate SCFM (LPM)	Weight Pound (kg)	Length In. (mm)	Height In. (mm)	Air Inlet Thread	Thread Size
3M™ Pneumatic Angle Grinder										
	06-38060-88566-6	115-125 (4.5-5.0)	1.5 (1100)	12,000	43 (1.2)	5.3 (2.4)	11.0 (279)	105 (4.0)	3/8 NPT	5/8-11
3M™ Pneumatic Sander (Not for use with abrasives that require a guard.)										
	06-38060-88577-2	115-125 (4.5-5.0)	1.5 (1100)	12,000	43 (1.2)	4.9 (2.2)	11.0 (279)	105 (4.0)	3/8 NPT	5/8-11

TECH TIP:

Still using bonded wheels? Try fibre discs instead—they cut faster and they're lighter—making for a quicker, easier job.

Additional accessories are available. Contact your local sales representative or visit 3M.com/Metalworking.

For occupational use only. Not for consumer sale of use.

Warranty and Limited Remedy: 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price. Limitation of Liability: Except for the limited remedy above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential, regardless of the legal or equitable theory asserted.



Abrasive Systems Division
3M Center, Building 233-6N-02
St. Paul, MN 55144-1000
1-866-279-1235

Take advantage of performance and productivity that will set your shop up for success.
3M.com/Metalworking

3M and Cubitron are trademarks of 3M Company. Please recycle. Printed in USA.
© 3M 2021. All rights reserved. 61-5005-0006-3