



**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.

Fibre Discs | Tools | Accessories



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™ Electric Grinders. The new fibre discs 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.

# A system of success.

When you combine our new 3M™ Cubitron™ II Fibre Discs 982CX Pro with our new 3M™ Electric Grinders and our 3M™ Fibre Disc Back-up Pads, you're setting yourself up for a new level of productivity.

## The system advantage.

Our new abrasives and tools are designed to maximize performance when used together. Each component of this unique system has been engineered to optimize life, cut rate and consistency—helping to improve productivity and lower overall costs.



### 3M™ Electric Grinders

The new electric grinder is available in 115mm and 125mm and fixed or variable speed. Designed with robust components, these grinders are built for durability in the harshest industrial conditions. They're the powerful and long-lasting tools you need to get more done.

- ▶ 1900 W power
- ▶ Available in fixed or variable speeds
- ▶ World class ergonomic design
- ▶ Robust design and components provide durability in industrial conditions
- ▶ Restart protection
- ▶ Adjustable guard
- ▶ Accessories for maximum functionality and flexibility
- ▶ Direct cooling for a long service life
- ▶ Overload protection
- ▶ Kickback control

### ▶ 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™ Electric Grinders help optimize the cut and life of our new 3M Cubitron II Fibre Discs.

### ▶ Productivity

Long lasting abrasives for fewer changeovers and less downtime.

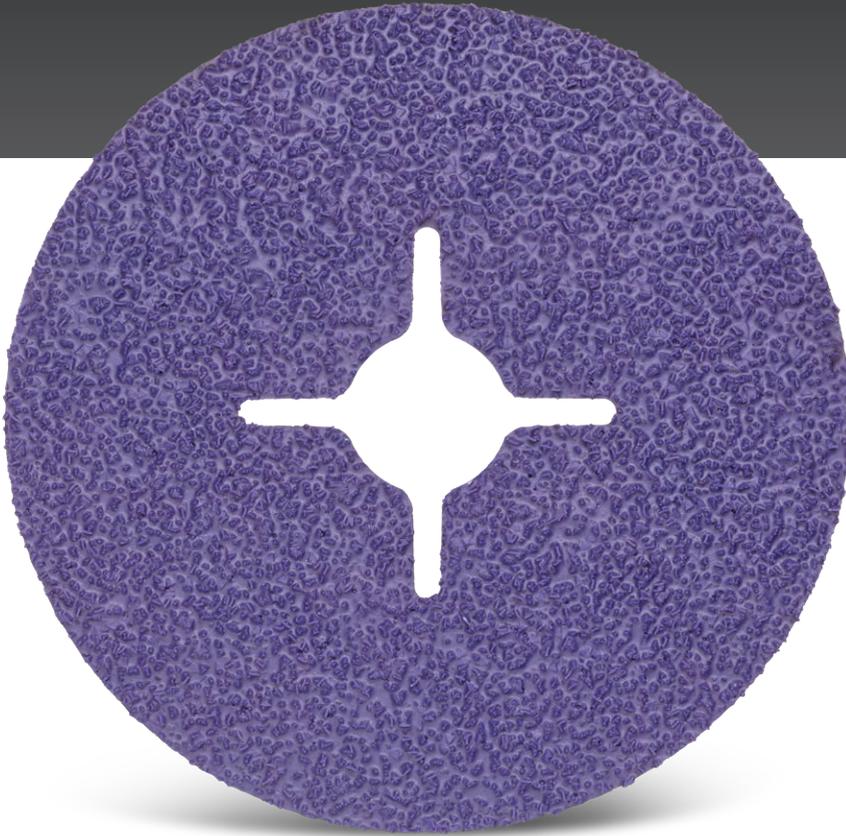
### TECH TIP:

*Use with 3M™ Fibre Disc Back-up Pads to optimize product life and performance of 3M™ Cubitron™ II Fibre Discs 982CX Pro.*



### 3M™ Fibre Disc Back-up Pads

3M™ Fibre Disc Back-up Pads provide firm support required for grinding applications. Recommended for best performance with 3M™ Cubitron™ II Fibre Discs 982CX Pro and the new 3M™ Electric Grinder.



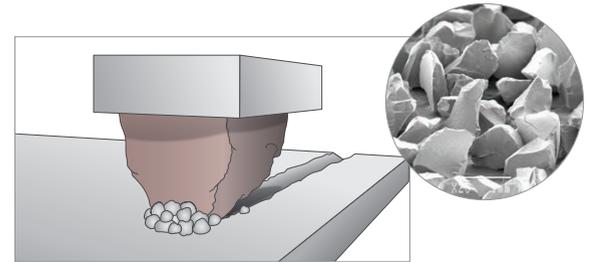
### 3M™ Cubitron™ II Fibre Disc 982CX Pro

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

- ▶ Faster cutting and longer lasting compared to 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
- ▶ INOX and contaminant free

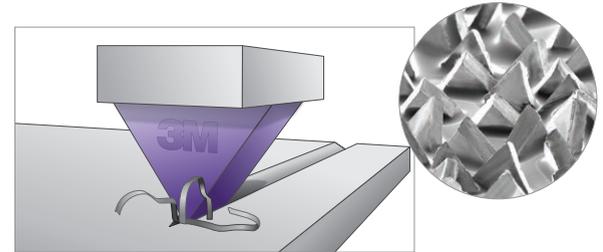
### 3M Precision-Shaped Grain re-engineered.

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.

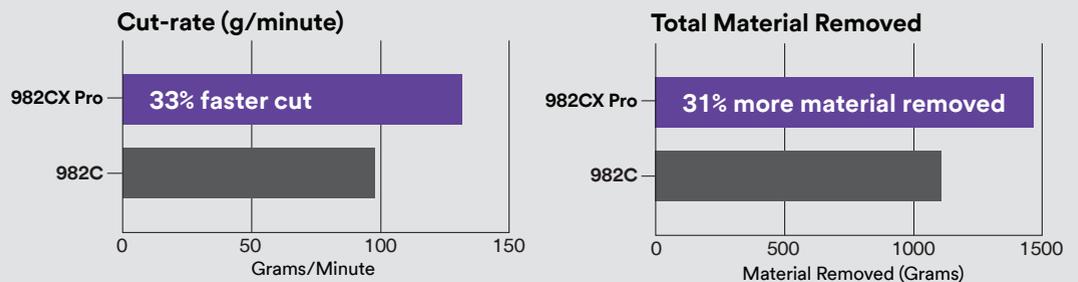


3M Precision-Shaped Grain

**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 grains.



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

# Industries:



## Metal Fabrication

Structural Steel

Sheet Metal

Machining



## Machinery Manufacturing

Farms and  
Construction

Industrial

Food Processing

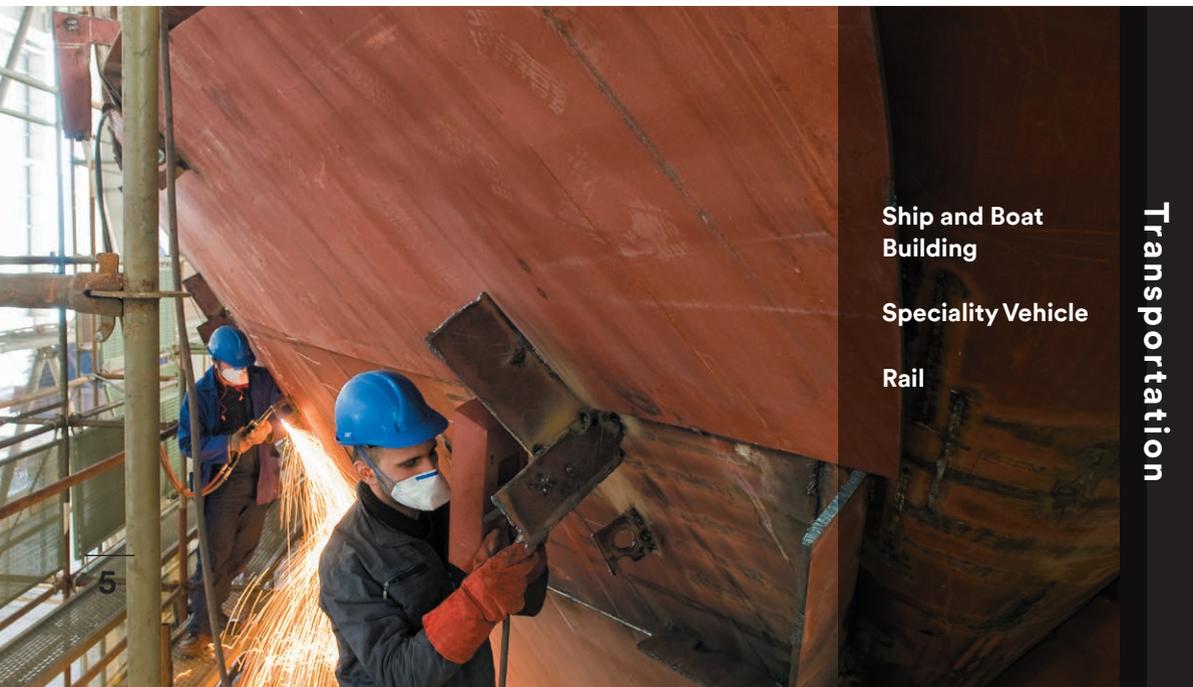
Oil and Gas

### Applications:

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

### Use On:

- ▶ Carbon Steel



## Transportation

Ship and Boat  
Building

Speciality Vehicle

Rail

# Product Information

Product	Diameter (mm)	Product ID	Part number	Max RPM	Box/Case
<b>3M™ Cubitron™ II Fibre Disc 982CX Pro-Slotted Grade 36+</b>					
	100 × 16	7100242886	83325	15,000	25/100
	115 × 22	7100242885	83323	13,300	25/100
	125 × 22	7100246096	83322	12,000	25/100
	150 × 22	7100242966	83326	10,000	25/100
	180 × 22	7100242965	83321	8,600	25/100

Product	Diameter (mm)	Product ID	Part number	Max RPM	Box/Case
<b>3M™ Fibre Disc Back-up Pad</b>					
	115	7000032409	64860	13,300	10/10
	125	7000032410	64861	12,000	10/10
	150	7100242134	64829	10,200	15/15
	180	7000032411	64862	8,500	15/15

Back-up pad must be purchased separately.

Product	Diameter (mm)	Product ID	Part number	Max RPM	Box/Case
<b>3M™ Electric Grinders – 1900W, 220-240V, 11,500 Max RPM, M14</b>					
	115	7100249666	14253	Fixed	1/1
	115	7100249667	14281	Variable	1/1
	125	7100249665	14273	Fixed	1/1
	125	7100249668	14291	Variable	1/1

## TECH TIP:

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

Take advantage of performance and productivity that will set your shop up for success.

**3M.co.uk/abrasives**

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