

# 3M™ Cubitron™ II Roloc™ Fibre Discs

Now you can enjoy the power and performance of Cubitron II abrasives – with the convenience and time savings of the 3M™ Roloc™ Quick Change Attachment System. Discs screw securely into the threaded mandrel without tools. Ideal for applications requiring frequent grade or disc size changes.





## NEW 3M™ Cubitron™ II Roloc™ Fibre Discs 982C

Cubitron II technology requires less grinding pressure than conventional abrasives – so you can remove more material with less “push.” Rigid fibre backing is tough and durable, enabling faster, more aggressive cuts.

**Optimized for:**

- Carbon steel

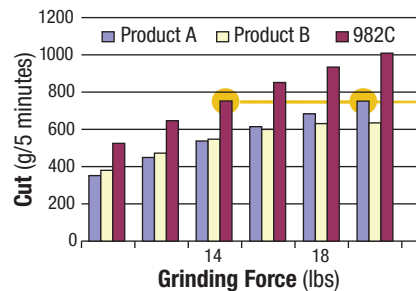
### 3M™ Cubitron™ II Roloc™ Fibre Discs 982C

Diameter	Grade	Attachment Type		UPC (051115-)	Max. RPM	Min/Case
		 TR-Plastic Button	 TSM-Metal Button			
2"	36+	TR		66778-7	25,000	50/500
		TSM		66781-7		
	60+	TR		66783-1		
		TSM		66786-2		
		TR		66788-6		
3"	36+	TR		66791-6	20,000	50/200
		TSM		66779-4		
	60+	TR		66782-4		
		TSM		66784-8		
		TSM		66787-9		
80+	TR		66789-3			
	TSM		66792-3			
	TR		66780-0			
4"	60+	TR		66785-5	12,000	25/100
	80+	TR		66790-9		
		TR		66790-9		

### Did you know...?

While edges on the workpiece may cause premature edge wear on other discs, they can actually help precision-shaped grains fracture and extend the life of a Cubitron II Roloc Fibre Disc.

### Grinding Force



982C removes as much stock with 14 lbs of force as the competitors remove with 20 lbs of force.



## 3M™ Cubitron™ II Roloc™ Durable Edge Disc 984F

Featuring durable edge backing – for longer edge retention. With the 984F disc, these edges actually help the precision-shaped grains fracture, extending disc life. Features a flexible, durable cloth backing that stands up to aggressive grinding applications.



### Optimized for:

- Stainless steel
- High nickel alloys
- Superalloys
- Carbon steel

### Tips for Best Results

For best results use Roloc™ Discs with 3M™ Power Tools. You'll maximize the benefits of 3M precision-shaped grains by using 3M Tools with the ideal horsepower and operating speeds.

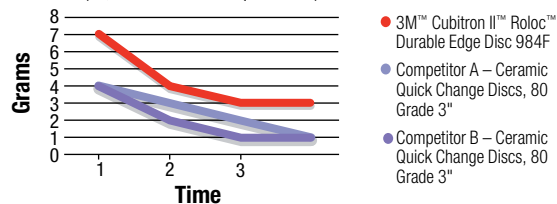
## 3M™ Cubitron™ II Roloc™ Durable Edge Disc 984F

Size	Grade	Attachment Type		UPC (051141-)	Max. RPM	Discs/Box
		 TR-Plastic Button	 TSM-Metal Button			
1 1/2"	36+	TR		27700-4	30,000	50/200
		TSM		27704-2		
	60+	TR		27708-0		
		TSM		27712-7		
2"	36+	TR		27716-5	25,000	50/200
		TSM		27720-2		
	60+	TR		27701-1		
		TSM		27705-9		
3"	36+	TR		27709-7	20,000	50/200
		TSM		27713-4		
	60+	TR		27717-2		
		TSM		27721-9		
4"	36+	TR		27702-8	12,000	25/100
		TSM		27706-6		
	60+	TR		27710-3		
		TSM		27714-1		
3"	36+	TR		27718-9	20,000	50/200
		TSM		27722-6		
	60+	TR		27703-5		
		TSM		27707-3		
4"	36+	TR		27711-0	12,000	25/100
		TSM		27715-8		
	60+	TR		27719-6		
		TSM		27723-3		

3M Disc Sanders HP	Recommended Operating Speed	Material Type
1.5"/.5HP	20,000	Stainless Steel
2.0"/.5HP	20,000	Carbon Steel/ Aluminum
2.0"/1.0HP	15,000	Stainless Steel
3.0"/1.0HP	15,000	Carbon Steel/ Aluminum

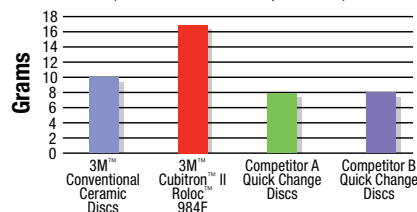
### Faster Cut!

**Weld Removal**  
Cubitron II Roloc 984F vs. Conventional Ceramic  
(3", Grade 80/80+ equivalents)



### Longer Life!

**Total Cut**  
Cubitron II Roloc 984F vs. Conventional Ceramic  
(3", Grade 80/80+ equivalents)



# Tools and Accessories

Everything you'll need for your toughest grinding applications on carbon or stainless steel in grades 36+, 60+ and 80+. Join the 3M™ Cubitron™ II abrasive revolution and take your productivity to the next level!

## Recommended Tools

### 3M™ Disc Sanders

Model No.	Tool Dia. inch (mm)	Motor HP (W)	Max RPM	Length inch (mm)	Height inch (mm)	Air Inlet Thread	UPC (051141-)
28328	2 (51)	.3 (224)	12,000	5.91 (150.2)	2.5 (63.5)	¼ NPT	20238-9
28341			20,000				28341-8
28329	2 (51)	.5 (372)	12,000	6.75 (171.5)	2.75 (69.9)	¼ NPT	20239-6
20231			20,000				20231-0
20232	3(76)	1 (744)	15,000	8.25 (209.6)	3.25 (82.6)	¼ NPT	20232-7
28408	4-5 (100-127)	1 (744)	12,000	8.25 (209.6)	4.23 (107.4)	¾ NPT*	28408-8
28622	4-5 (100-127)	1 (744)	12,000	11.5 (292)	4.70 (119)	¾ NPT*	28622-8

\*Includes 3/8" to 1/4" reducer.

### 3M™ Roloc™ Disc Pads

Disc Pad Size inch	Hardness	TR UPC (051144-)	TSM UPC (051144-)	Max RPM
1 1/2	Hard	45100-5	77728-0	30,000
2	Hard	45096-1	14212-5	25,000
3	Hard	45091-6	14216-3	18,000
4	Hard	83489-1	28578-8	12,000

## Accessories for Fibre Discs

### 3M™ Disc Pad Face Plates

Diameter inch	Face Type	Hardness	UPC (051115-)	Max RPM	Min/Case
4 1/2	Smooth	Hard-Black	14270-5	13,300	1/10
	Ribbed	Extra Hard-Red	28443-9		
5	Ribbed	Hard-Black	81733-7	12,000	
		Extra Hard-Red	81732-0		
7	Ribbed	Hard-Black	80515-0	8,600	
		Extra Hard-Red	80514-3		
9	Ribbed	Hard-Black	81729-0	6,600	
		Extra Hard-Red	81728-3		

### 3M™ Disc Retainer Nuts

Depth inch	Description	UPC (051115-)	Min/Case
3/8	Long tool shaft lengths	05622-4	1/10
1/2	Medium tool shaft lengths	05621-7	
5/8	Short tool shaft lengths	05620-0	

### 3M™ Disc Pad Hub

Diameter inch	Description	UPC (051115-)	Min/Case
2 1/2	Use with all size face plates	45205-7	1/10
4 1/2	Use with 7" and 9" face plates only	45190-6	
2 1/2	Use with all size face plates, tool shaft length 1/2" or less	88743-9	

### 3M™ Disc Pad Hub For Short Shaft Tool

Diameter inch	Description	Thread	UPC (051115-)	Min/Case
2 1/2	Can be used with all face plates (4 1/2"–9"). External thread compatible with 3M retainer nuts or TN Fibre Discs	3/8"-24 internal 5/8"-11 external	28442-2	1/10

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