





3M™ Roloc™ Discs

3M™ Roloc™ Attachment System Guide

Product ID	Attachment Type				Diameter	Attachment Type			
	TP	TR	TSM	TS		TP	TR	TSM	TS
361F	•	•	•		3/4"	•	•		•
461F		•			1"	•	•	•	•
777F		•	•	•	1-1/2"	•	•	•	•
963G		•			2"	•	•	•	•
977F		•			3"	•	•	•	•
982C		•	•		4"	•	•		•
984F		•	•						
501C		•	•		TP (Plastic Button)	TR (Plastic Button)			
785C		•							
983C/988C		•			TSM (Metal Button)	TS (Plastic Button)			
988R		•							

Roloc™ Disc Button Color/Grade Chart

● 24/Black	● 80/Yellow	● 150/Black
● 36/Brown	● 100/Blue	● 180/Brown
● 50/Green	○ 120/White	● 240/Green
● 60/Orange		

Optimum Tool Speeds to Maximize 3M™ Roloc™ Disc Cut Rates and Life



Disc Size	Material			
	Stainless	Aluminum	Steel	Titanium
1-1/2"	20,000 RPM	30,000 RPM	30,000 RPM	9,000 RPM
2"	15,000 RPM	20,000 RPM	20,000 RPM	7,000 RPM
3"	10,000 RPM	15,000 RPM	15,000 RPM	4,500 RPM
4"	8,000 RPM	9,000 RPM	9,000 RPM	3,000 RPM

3M™ Cubitron™ II Roloc™ Discs

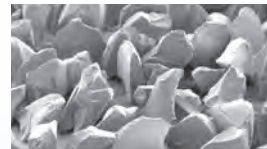
3M™ Cubitron™ II Roloc™ Fibre Disc 982C



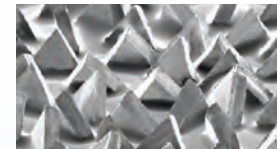
- Made with revolutionary 3M precision shaped grain technology
- Provides long life and fast cut
- Rigid fibre backing enables fast, more aggressive cutting
- Optimized for use on carbon steel

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

3M Precision Shaped Grain



Conventional Grain



Precision Shaped Grain

Triangular-shaped grain (right) is electrostatically oriented to form sharp peaks, each acting like individual cutting tools that wear evenly for super long life and consistency.



Conventional Ceramic



3M™ Cubitron™ II



3M precision shaped grain sharpens as it wears. Compared to conventional ceramic abrasive grain, 3M™ Cubitron™ II Abrasive Discs **cut faster and last longer!**



3M™ Roloc™ Fibre Disc 501C ■

- Aluminum zirconia
- Durable fibre backing
- Versatile disc for use on a wide variety of metals



UPC	Diameter	Grade	Max. RPM	Min./Case
Roloc TR (Plastic Button) 				
051141-20645-5	2"	36	25,000	50/200
051111-50748-3	2"	50	25,000	50/200
051111-50749-0	2"	60	25,000	50/200
051111-50750-6	2"	80	25,000	50/200
051111-50743-8	3"	36	20,000	50/200
051111-50744-5	3"	50	20,000	50/200
051111-50745-2	3"	60	20,000	50/200
Roloc TSM (Metal Button) 				
051111-50755-1	2"	36	25,000	50/200
051111-50756-8	2"	50	25,000	50/200
051111-50757-5	2"	60	25,000	50/200
051111-50758-2	2"	80	25,000	50/200
051111-50751-3	3"	36	20,000	50/200
051111-50752-0	3"	50	20,000	50/200
051111-50753-7	3"	60	20,000	50/200
051111-50754-4	3"	80	20,000	50/200







3M™ Roloc™ Discs

3M™ Roloc™ Disc 777F ■

- 3M ceramic aluminum oxide blend abrasive grain
- Cloth backing for durability
- Grinding aid for cooler running



UPC	Diameter	Grade	Max. RPM	Min./Case
Roloc TR (Plastic Button) 				
051144-76622-2	1"	36	30,000	50/500
051144-76623-9	1"	50	30,000	50/500
051144-76624-6	1"	60	30,000	50/500
051144-76625-3	1"	80	30,000	50/500
051144-80510-5	1"	P120	30,000	50/500
051144-76626-0	1-1/2"	36	30,000	50/500
051144-76627-7	1-1/2"	50	30,000	50/500
051144-76628-4	1-1/2"	60	30,000	50/500
051144-14660-4	1-1/2"	80	30,000	50/500
051144-80511-2	1-1/2"	P120	30,000	50/500
051144-76629-1	2"	36	25,000	50/200
051144-76630-7	2"	50	25,000	50/200
051144-76433-4	2"	60	25,000	50/200
051144-14661-1	2"	80	25,000	50/200
051144-80508-2	2"	P100	25,000	50/200
051144-80512-9	2"	P120	25,000	50/200
051144-76631-4	3"	36	20,000	50/200
051144-76632-1	3"	50	20,000	50/200
051144-76633-8	3"	60	20,000	50/200
051144-76634-5	3"	80	20,000	50/200
051144-80509-9	3"	P100	20,000	50/200
051144-80513-6	3"	P120	20,000	50/200
Roloc TSM (Metal Button) 				
051111-49949-8	2"	36	25,000	50/200
051111-50253-2	2"	60	25,000	50/200
051111-50254-9	2"	80	25,000	50/200
051111-50255-6	2"	100	25,000	50/200
051111-50256-3	2"	P120	25,000	50/200
051111-50257-0	3"	36	20,000	50/200
Roloc TP (Metal Button) 				
051144-76770-0†	2"	60	25,000	50/200
051144-76743-4†	3"	36	20,000	50/200
051144-76763-2†	3"	36	20,000	50/200
051144-76767-0†	3"	50	20,000	50/200
Roloc TS (Plastic Button) 				
051144-76742-7	2"	36	25,000	50/200
051144-76746-5	2"	50	25,000	50/200
051144-76750-2	2"	60	25,000	50/200
051144-76743-4†	3"	36	20,000	50/200
051144-76747-2†	3"	50	20,000	50/200
051144-76751-9	3"	60	20,000	50/200
051144-76755-7	3"	80	20,000	50/200

† Made-to-Order


■ Mild Steel ■ Stainless Steel

3M™ Roloc™ Discs

3M™ Roloc™ Fibre Disc 785C ■

- 3M ceramic aluminum oxide blend abrasive grain
- Durable fibre backing
- An excellent starting point for stainless steel
- Includes a grinding aid for cooler running




UPC	Diameter	Grade	Max. RPM	Min./Case
Roloc TR (Plastic Button) 				
051144-85882-8†	3"	24	20,000	50/100
051144-85883-5	3"	36	20,000	50/100
051144-85884-2	3"	50	20,000	50/100
051144-85885-9	3"	60	20,000	50/100
051144-85886-6	3"	80	20,000	50/100
051144-85887-3	3"	P100	20,000	50/200
051144-85888-0	3"	P120	20,000	50/200
051144-83690-1	4"	36	12,000	25/100
051144-83691-8	4"	50	12,000	25/100
051144-83692-5	4"	60	12,000	25/100
051144-83693-2	4"	80	12,000	25/100
051144-83694-9	4"	P100	12,000	25/100
051144-83695-6	4"	P120	12,000	25/100

† Made-to-Order

3M™ Roloc™ Cloth Disc 963G ■

- 3M ceramic abrasive grain
- Durable cloth backing



UPC	Diameter	Grade	Max. RPM	Min./Case
Roloc TR (Plastic Button) 				
051144-11422-1†	1"	50	30,000	50/500
051144-11428-3	1"	60	30,000	50/500
051144-11427-6	1"	80	30,000	50/500
051144-11425-2	1"	120	30,000	50/500
051144-11450-4	1-1/2"	36	30,000	50/500
051144-11448-1	1-1/2"	60	30,000	50/500
051144-11455-9	1-1/2"	80	30,000	50/500
051144-11454-2†	1-1/2"	100	30,000	50/500
051144-11453-5	1-1/2"	120	30,000	50/500
051144-11113-8	2"	24	25,000	50/200
051144-11112-1	2"	36	25,000	50/200
051144-76436-5	2"	40	25,000	50/200
051144-11111-4	2"	50	25,000	50/200
051144-11110-7	2"	60	25,000	50/200
051144-11109-1	2"	80	25,000	50/200
051144-11107-7	2"	100	25,000	50/200
051144-11106-0	2"	120	25,000	50/200
051144-11108-4	3"	24	20,000	50/200
051144-11105-3	3"	36	20,000	50/200
051144-11104-6	3"	50	20,000	50/200
051144-11103-9	3"	60	20,000	50/200
051144-11102-2	3"	80	20,000	50/200
051144-11101-5	3"	100	20,000	50/200
051144-11100-8	3"	120	20,000	50/200



† Made-to-Order

■ Mild Steel ■ Stainless Steel

3M™ Roloc™ Disc 977F ■

- 3M ceramic abrasive grain
- Features a grinding aid
- Excellent for stainless steel, titanium and high nickel alloys.




UPC	Diameter	Grade	Max. RPM	Min./Case
Roloc TR (Plastic Button) 				
051144-83587-4	2"	36	25,000	50/200
051144-83588-1	2"	60	25,000	50/200
051144-83589-8	2"	80	25,000	50/200
051144-83590-4†	3"	36	20,000	50/200
051144-83591-1	3"	60	20,000	50/200
051144-83592-8	3"	80	20,000	50/200
Roloc TSM (Metal Button) 				
051141-24005-3	1-1/2"	36	30,000	50/500
051141-24006-0	1-1/2"	60	30,000	50/500
051141-24003-9	2"	36	25,000	50/200
051141-24004-6	2"	60	25,000	50/200

† Made-to-Order

3M™ Roloc™ Discs 988R ■

- 3M ceramic abrasive grain
- Cuts through metal stock to quickly level welds and take on tough jobs in small areas
- A unique single-piece construction that can eliminate button delamination and enhance disc performance



UPC	Diameter	Grade	Max. RPM	Min./Case
Roloc TR (Plastic Button) 				
051141-20626-4	2"	24	25,000	50/200
051141-20627-1	2"	36	25,000	50/200
051141-20628-8	2"	50	25,000	50/200
051141-20629-5	2"	60	25,000	50/200
051141-20630-1	2"	80	25,000	50/200
051141-20024-8	3"	24	20,000	50/200
051141-20025-5	3"	36	20,000	50/200
051141-20026-2	3"	50	20,000	50/200
051141-20030-9	3"	60	20,000	50/200
051141-20027-9	3"	80	20,000	50/200