
























Roloc™ Disc Selection Guide

Disc Product	Attachment System			Application							Metal Type						
				Grinding	Light Grinding	Blending	Deburring	Finishing	Cleaning	Stainless Steel	Aluminum	Carbon Steel	Cast Iron	Titanium	Nickel Alloy	Non-Ferrous (Brass/Bronze)	
361F				●	●	●	●			●	●	●	●		●	●	
461F					●	●	●	●						●			
777F				●	●	●	●			●	●	●		●	●	●	
963G				●	●	●	●					●	●				
977F				●	●	●	●			●	●			●	●		
501C				●	●	●	●					●	●			●	
785C				●	●	●	●			●	●				●		
983C/988C				●	●		●					●	●				
988R	TR (one piece construction) 			●	●		●				●	●	●			●	
Scotch-Brite™ Roloc™ Light Grinding and Blending Disc	TR 				●	●	●			●	●	●	●	●	●	●	
Scotch-Brite™ Roloc™ Surface Conditioning Disc						●		●	●	●	●	●	●	●	●	●	
Scotch-Brite™ Roloc™ SL Surface Conditioning Disc	Roloc TR (plastic button) 					●		●		●	●	●	●	●	●	●	
Scotch-Brite™ Roloc™ SE Surface Conditioning Disc	Roloc TR (plastic button) 					●	●					●	●				
Scotch-Brite™ Roloc™ PD Surface Conditioning Disc	Roloc TR (plastic button) 					●		●	●	●	●	●	●			●	
Scotch-Brite™ Roloc™ Bristle Disc	Roloc TR (plastic button) 								●	●	●	●				●	
Scotch-Brite™ Roloc™ EXL Unitized Wheels	Roloc TR (plastic button) 						●	●		●	●	●	●	●	●	●	

3M™ Roloc™ Discs



159105

3M™ Roloc™ Discs provide a fast, efficient method for grinding, blending, leveling and finishing on all types of metal. They lock securely in place with just a half twist...another half twist and they're off. Each disc is color coded by grade. (This does not include 3M Roloc TSM or 988R products.)

3M™ Roloc™ Disc Button Color/Grade Chart

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

Legend:	Mild Steel	Stainless Steel
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3M™ Roloc™ Disc 361F

- Aluminum Oxide – YF wt. Cloth
- General purpose grinding, blending and finishing on all metals



159104

Diameter	Max. RPM	Grade	UPC (051144-)	Min./Case
Roloc TR (Plastic Button)				
1"	30,000	36	11412-2	50/500
		50	11411-5	
		60	11417-7	
		80	11416-0	
		P100	11415-3	
		P120	11414-6	
1-1/2"	30,000	36	22396-1	50/500
		50	11137-4	
		60	22397-8	
		80	22407-4	
		P100	22408-1	
		P120	22409-8	

3M™ Roloc™ Disc 361F (cont.)

Diameter	Max. RPM	Grade	UPC (051144-)	Min./Case
Roloc TR (Plastic Button)				
2"	25,000	24	11000-1	50/200
		36	22398-5	
		50	22399-2	
		60	22400-5	
		80	22401-2	
		P100	22402-9	
		P120	22403-6	
		P150	14559-1	
		P180	13873-9	
3"	20,000	24	11419-1	50/200
		36	22392-3	
		50	22393-0	
		60	22394-7	
		80	22395-4	
		P100	22404-3	
		P120	22405-0	
		P150	22406-7	
		P240	82244-7	
Roloc TSM (Metal Button)				
1-1/2"	30,000	36	49932-0	50/500
		60	49933-7	
		80	49934-4	
		P100	51039-1	
2"	25,000	36	49936-8	50/200
		60	49937-5	
		80	49938-2	
		P100	51034-6	
		P120	49939-9	
3"	20,000	36	51033-9	50/200
		60	49940-5	
		80	49941-2	
		P100	49942-9	
		P120	49943-6	
Roloc TP (Plastic Button)				
3"	20,000	36	76799-1	50/200
		50	76803-5	
		60	76807-3	
		80	76811-0	
Roloc TR (Plastic Button)				
4"	12,000	36	77116-5	25/100
		60	76429-7	
		80	11421-4	
Roloc TR (Plastic Button)				
4"	12,000	36	76429-7	25/100
		60	11421-4	
		80	11420-7	

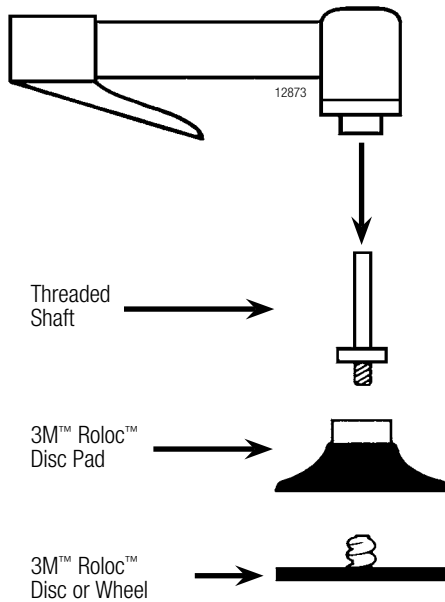
3M™ Roloc™ Discs (cont.)

3M™ Roloc™ Disc 461F ■

- Silicon Carbide – YF wt. Cloth
- Ideal for grinding glass, titanium, and non-ferrous metals



Diameter	Max. RPM	Grade	UPC (051144-)	Min./Case
Roloc TR (Plastic Button)				
2"	25,000	P60	12956-0	50/200
		P80	12954-6	
3"	20,000	P60	12957-7	
		P80	12955-3	

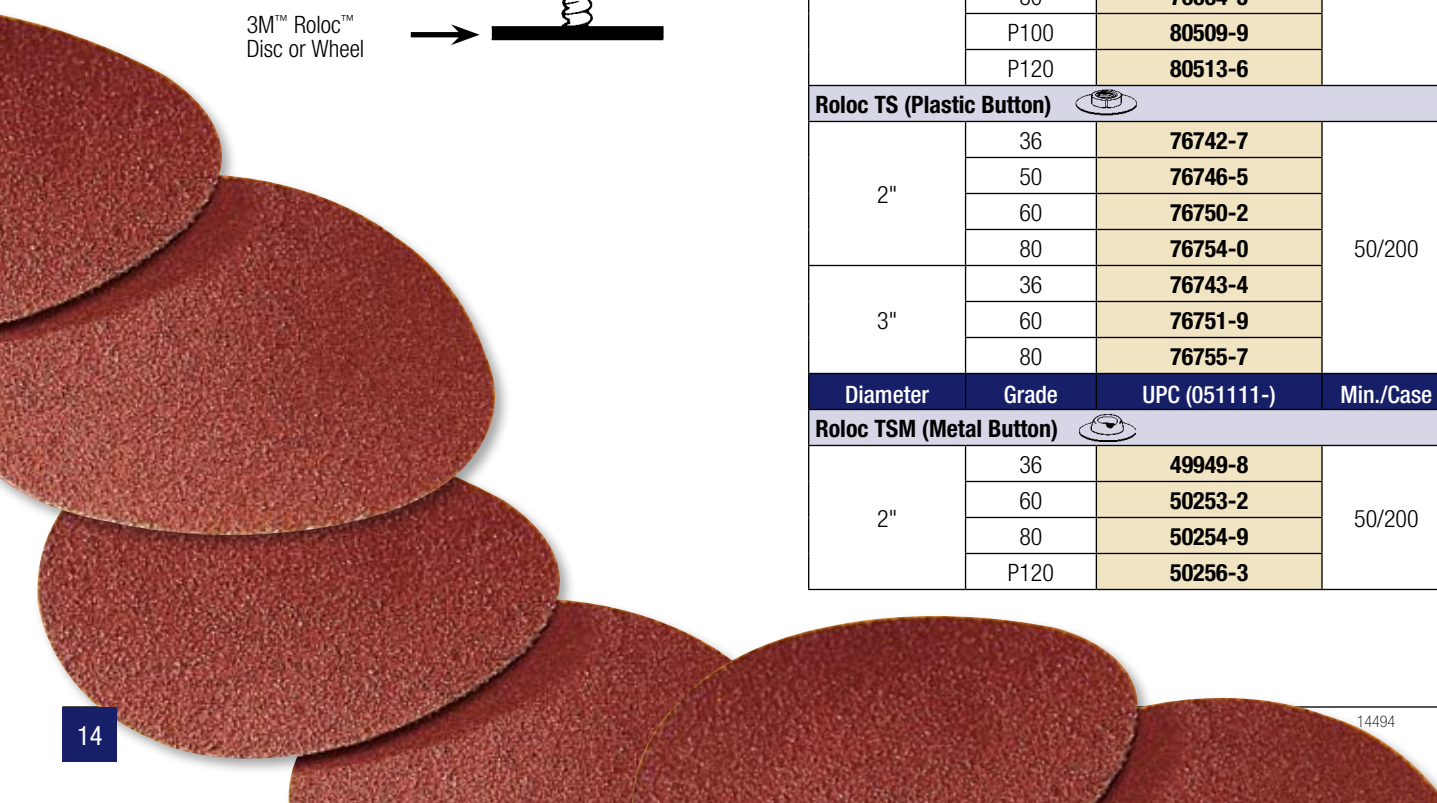


3M™ Roloc™ Disc 777F ■

- 3M™ Cubitron™ Abrasive Grain
- Cloth backing
- Grinding aid



Diameter	Grade	UPC (051144-)	Min./Case
Roloc TR (Plastic Button)			
1"	36	76622-2	50/500
	50	76623-9	
	60	76624-6	
	80	76625-3	
	P120	80510-5	
1-1/2"	36	76626-0	
	50	76627-7	
	60	76628-4	
	80	14660-4	
	P120	80511-2	
2"	36	76629-1	50/200
	50	76630-7	
	60	76433-4	
	80	14661-1	
	P100	80508-2	
	P120	80512-9	
3"	36	76631-4	
	50	76632-1	
	60	76633-8	
	80	76634-5	
	P100	80509-9	
	P120	80513-6	
Roloc TS (Plastic Button)			
2"	36	76742-7	50/200
	50	76746-5	
	60	76750-2	
	80	76754-0	
3"	36	76743-4	
	60	76751-9	
	80	76755-7	
Diameter Grade UPC (051111-) Min./Case			
Roloc TSM (Metal Button)			
2"	36	49949-8	50/200
	60	50253-2	
	80	50254-9	
	P120	50256-3	



3M™ Roloc™ Discs (cont.)

3M™ Roloc™ Cloth Disc 963G

- 3M™ Cubitron™ Abrasive Grain
- Cloth backing



422747

Diameter	Grade	UPC (051144-)	Min./Case	
Roloc TR (Plastic Button)				
1"	36	11423-8	50/500	
	60	11428-3		
	80	11427-6		
	120	11425-2		
1-1/2"	36	11450-4		
	50	11449-8		
	60	11448-1		
	80	11455-9		
	120	11453-5		
2"	24	11113-8		50/200
	36	11112-1		
	40	76436-5		
	50	11111-4		
	60	11110-7		
	80	11109-1		
	100	11107-7		
	120	11106-0		
3"	24	11108-4		
	36	11105-3		
	50	11104-6		
	60	11103-9		
	80	11102-2		
	100	11101-5		
	120	11100-8		

3M™ Roloc™ Disc 977F

- 3M™ Cubitron™ Abrasive Grain
- Grinding aid



422747

Diameter	Max. RPM	Grade	UPC (051144-)	Min./Case
Roloc TR (Plastic Button)				
2"	25,000	36	83587-4	50/200
		60	83588-1	
		80	83589-8	
3"	20,000	60	83591-1	
		80	83592-8	

3M™ Roloc™ Fibre Disc 501C

- Aluminum Zirconia – Fibre
- Versatile disc for use on a wide variety of metals

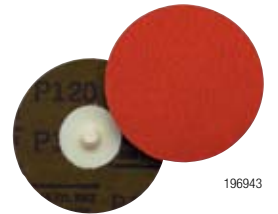


148181

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

3M™ Roloc™ Fibre Disc 785C

- 3M™ Cubitron™ Abrasive Grain – Fibre
- An excellent starting point for stainless steel
- Includes a grinding aid for cooler running



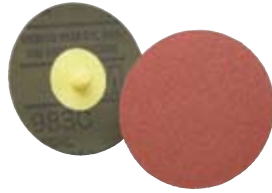
196943



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

3M™ Roloc™ Discs (cont.)

3M™ Roloc™ Fibre Disc 983C/988C

- 3M™ Cubitron™ Abrasive Grain
- Fast cutting
- Long life




Diameter	Max. RPM	Grade	UPC (051144-)	Min./Case
Roloc TR (Plastic Button) 				
2" 983C	25,000	36	22352-7	50/200
		60	22353-4	
		80	22354-1	
3" 983C	20,000	36	22349-7	
		50	85890-3	
		60	22350-3	
		80	22351-0	
Roloc TR (Plastic Button) 				
4" 988C	12,000	36	55753-2	25/100
		50	55754-9	
		60	55755-6	
		80	55756-3	

3M™ Roloc™ Discs 988R

- 3M™ Cubitron™ 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



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


Scotch-Brite™ Roloc™ Light Grinding and Blending Discs



Scotch-Brite™ Roloc™ Light Grinding and Blending Discs

- 3M™ Cubitron™ Abrasive Grain
- Resists edge wear
- Great for light grinding, deburring and blending



Diameter	Max. RPM	Grade	UPC (048011-)	Qty./Case
Roloc TR (Plastic Button) 				
2"	25,000	A CRS HD	60354-4	200
		A CRS SD	60355-1	
3"	18,000	A CRS HD	60356-8	100
		A CRS SD	60357-5	

Scotch-Brite™ Roloc™ Discs



360839






Scotch-Brite™ Roloc™ Surface Conditioning Discs

- Scotch-Brite surface conditioning non-woven web provides a burr-free decorative finish
- Removes grind marks, rust and coatings
- Grade: A VFN – Blue
A MED – Maroon
A CRS – Brown



159116

Diameter	Max. RPM	Grade	UPC (048011-)	Min./Case
Roloc TR (Plastic Button) 				
1-1/2"	30,000	A CRS	08764-1	50/200
		A MED	08765-8	
		A VFN	08766-5	
2"	25,000	A CRS	05528-2	50/200
		A MED	05527-5	
		A VFN	05523-7	
3"	18,000	A CRS	05532-9	25/100
		A MED	05531-2	
		A VFN	05530-5	
4"	12,000	A CRS	12954-9	25/100
		A MED	12953-2	
		A VFN	12952-5	
Roloc TSM (Metal Button) 				
1-1/2"	30,000	A CRS	25775-4	50/200
		A MED	25774-7	
		A VFN	25773-0	
2"	25,000	A CRS	25765-5	50/200
		A MED	25764-8	
		A VFN	25770-9	
3"	18,000	A CRS	25767-9	25/100
		A MED	25766-2	
		A VFN	25780-8	
Roloc TP (Plastic Button) 				
2"	25,000	A CRS	13237-2	50/200
		A MED	13238-9	
3"	18,000	A CRS	13241-9	25/100
		A MED	13242-6	10/100




Scotch-Brite™ Roloc™ SL Surface Conditioning Discs

- Cuts fast without sacrificing finish
- Can last up to twice as long as other surface conditioning discs
- Delivers outstanding value and productivity improvements




341374

Diameter	Max. RPM	Grade	UPC (048011-)	Min./Case
Roloc TR (Plastic Button) 				
2"	25,000	A MED	33791-3	50/200
		A CRS	33793-7	
		A CRS HD	33795-1	200
		A CRS SD	33797-5	
3"	18,000	A MED	33790-6	100
		A CRS	33792-0	
		A CRS HD	33794-4	
		A CRS SD	33796-8	

Many other sizes available upon request.


Scotch-Brite™ Roloc™ SE Surface Conditioning Discs

- Great for edge deburring applications

Diameter	Max. RPM	Grade	UPC (048011-)	Min./Case
Roloc TR (Plastic Button) 				
2"	25,000	A CRS	18081-6	50/200
		A MED	18471-5	
3"	18,000	A CRS	18082-3	25/100
		A MED	18472-2	

Scotch-Brite™ Roloc™ PD Surface Conditioning Discs

- Lofty, open non-woven abrasive disc
- Resistant to loading on soft metals and oily surfaces

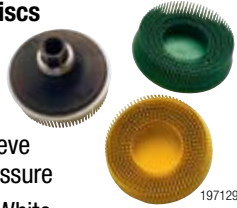
Diameter	Max. RPM	Grade	UPC (048011-)	Min./Case
Roloc TR (Plastic Button) 				
2"	25,000	A CRS	60191-5	50/200
		A MED	24287-3	
3"	18,000	A CRS	60192-2	25/100
		A MED	24295-8	

Scotch-Brite™ Roloc™ Discs (cont.)



Scotch-Brite™ Roloc™ Bristle Discs

- Efficiently clean and strip many substances from metal surfaces without damaging the work piece
- An operator can quickly and easily achieve a quality, consistent finish with light pressure
- Grade: 50 – Green; 80 – Yellow; 120 – White

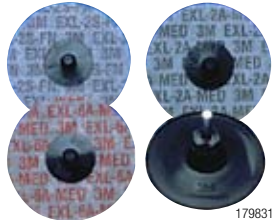


Diameter	Max. RPM	Grade	UPC (048011-)	Min./Case
Roloc TR (Plastic Button)				
2"	25,000	50	18730-3	10/40
		80	18732-7	
		120	18733-4	
3"	15,000	50	18734-1	
		80	18736-5	
		120	18737-2	



Scotch-Brite™ Roloc™ EXL Unitized Wheels

- Strong, efficient products for edge deburring and finishing
- Used with 3M™ Roloc™ or 3M™ Roloc™+ holder pads on a straight shaft or right-angle tool

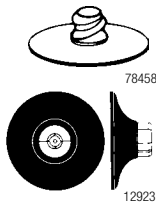


Diameter	Max. RPM	Grade	UPC (048011-)	Qty./Case
Roloc TR (Plastic Button)				
2"	22,100	6 A MED	17190-6	60
		2 A MED	17185-2	
		2 S FIN	17183-8	
3"	15,100	6 A MED	17191-3	40
		2 A MED	17186-9	
		2 S FIN	17184-5	

Accessories — 3M™ Roloc™ Discs

3M™ Roloc™ TR Disc Pads

- Rubber backup pads are available in different diameters and degrees of hardness for various grinding applications
- Pads are internally threaded to receive any standard 1/4"–20 thread shaft



Diameter	Max. RPM	Hardness	UPC (051144-)	Qty./Case
1/4"–20 thread shaft				
1"	30,000	Medium	45101-2	5
1-1/2"		Medium	45099-2	
		Hard	45100-5	
2"	25,000	Medium	45095-4	
		Hard	45096-1	
3"	18,000	Medium	45092-3	
	20,000	Hard	45091-6	
4"	12,000	Medium	45179-1	

3M™ Roloc™ TR Disc Pads (cont.)

Diameter	Max. RPM	Hardness	UPC (051144-)	Qty./Case
5/8"–11 thread shaft				
4"	12,000	Medium	83242-2	5
		Hard	83489-1	

3M™ Roloc™ TS or TSM Disc Pads

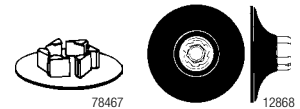
- For use with 3M™ Roloc™ TSM discs and "screw on" abrasive discs



Diameter	Max. RPM	Hardness	UPC (051144-)	Qty./Case
1-1/2"	30,000	Medium	77729-7	5
		Hard	77728-0	
2"	25,000	Medium	14211-8	
		Hard	14212-5	
3"	18,000	Medium	14215-6	
	20,000	Hard	14216-3	

3M™ Roloc™ TP Disc Pads

- For use with 3M™ Roloc™ TP discs and with press on type abrasive discs



Diameter	Max. RPM	Hardness	UPC (051144-)	Qty./Case
2"	25,000	Medium	14197-5	5
		Hard	14198-2	
3"	18,000	Medium	14201-9	
	20,000	Hard	14202-6	

1/4" Threaded Shaft

- Needed with all 3M™ Roloc™ Disc Pads

Size	UPC (051144-)	Min./Case
1/4" x 1/4" x 20 Thread	45102-9	10/50

3M™ Roloc™ + Holder

- Plastic holder for use with 3M™ Roloc™ Unitized Wheels



L x Shaft Dia	Max. RPM	UPC (048011-)	Qty./Case
1" x 1/4"	25,000	15408-4	5

Optimum Tool Speeds (RPM's) to Maximize 3M™ Roloc™ Disc Cut Rates and Life

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