



Tool-free, twist-on and -off fastening systems make fast work of disc changes to maximize productivity by minimizing downtime.

Applications:

Fiber and NorKut trimmable hard plastic discs: welding, grinding and blending; heavy metal removal; light deburring and finishing
Cloth discs: light- to medium-pressure grinding; blending, leveling and finishing applications; for use on contours or flat surfaces
Diamond: Grinding ceramic, glass, composites, carbide and ceramic coatings, fiberglass, and reinforced plastics

Size Range:

9/16" – 4" diameter

Grit Range:

24 – 320

Abrasive Grain:

Ceramic Alumina, Zirconia Alumina, Aluminum Oxide, Silicon Carbide, Diamond

Backing:

Fiber, cloth, or polymer

Cloth Flex:

3-ply (more aggressive), 2-ply (standard),

Attachment:

Type TS (II), Type TR (III), and Type TP (I)

Back-up Pads:

Rubber with hardness variations for different applications

Machine Used:



MINI ANGLE
SANDER

Coated Abrasive Quick-Change Disc Availability

Fiber



- The most heavy-duty discs with resin over resin construction on heavy-duty vulcanized fiber backing
- Premium grain for applications from heavy stock removal to surface blending

NorKut



- Unique polymer backing resists cracking and breakage and can be cut down up to the 1" core
- Use the cores to grind "pinch" welds and other hard-to-reach areas

Diamond



- Unique, aggressive, diamond grain pattern on a flexible cloth backing

Cloth 3-Ply



- These heavy-duty, 3-ply polyester laminate construction discs are the most aggressive and durable cloth discs on the market

Cloth 2-Ply



- Our standard 2-ply laminate construction creates an aggressive and durable cloth disc for flat surfaces

Quick-Change Attachment Systems and Cross Reference Guide

Each system enables quick, safe disc changes, reducing downtime and operating expenses.

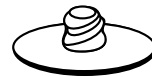
Type TS (Type II)

- Features a turn-on/turn-off style fastener
- Fastener is made of metal



Type TR (Type III)

- Features a roll-on/roll-off style fastener
- Fastener is made of plastic



Type TP (Type I)

- Features a snap-on/snap-off style fastener
- Fastener is made of nylon



NORTON MERIT	TS (Type II)	TR (Type III)	TP (Type I)
3M	Roloc TS/TSM	Roloc TR	Roloc TP
Standard	TS (SocAtt)	TR (Lockit)	TP (ClickOn)
Superior	Type S	Type R	–
Arc	Type S	Type R	Type P
Pferd	Type CD	Type CDR	–
Sait	SAIT-LOK	SAIT-LOK-R	–
Camel	Turn On	Roll On	–
Klingspor	QMC	QRC	–
Garryson	Type S	Type R	–

Material/Application-to-Product Recommendation Guide

	BEST	BETTER	GOOD
	Blaze R980P	BlueFire R884P	Aluminum Oxide Silicon Carbide R422
Stainless Steel / Titanium / Super Alloys	◆	◆	◆
Mild Carbon Steel / Welds		◆	◆
Ferrous Metals / Cast Iron		◆	◆
Brass / Bronze / Aluminum		◆	◆
Paint / Glue / Adhesive			◆
Concrete / Stone / Fiberglass			◆

Application/Grit Recommendation Guide

COARSER (GRINDING)						FINER (FINISHING)					
24	36	40	50	60	80	100	120	150	180	240	320
Heavy Stock Removal											
	Medium Stock Removal										
	Edge Chamfering/Beveling										
		Weld Removal									
			Heavy Deburring								
				Blending							
					Light Deburring						
							Cleaning				
									Finishing		

Cross Reference Guide

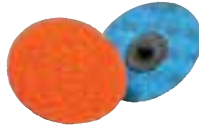
	TOTAL PERFORMANCE			INITIAL PRICE	
	BEST		BETTER	GOOD	
Abrasive Backing	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina	Aluminum Oxide	Silicon Carbide
NORTON	Fiber	Cloth	Cloth	Cloth	Cloth
3M	Blaze F980	Blaze R980P	BlueFire R884P		R422
	782C, 785C, 787C, 982C, 985C, 987C, 988C	963G/H, 966F, 967F, 997F, 984F, 784F, 947A	561D	361F, 363F	421A, 441D, 461F
Standard	Ceramic, Ceramic Pro	Ceramic Pro, Ceramic	Zirconia	A/O Extra, A/O Pro	Silicon Carbide
Superior	—	Ceramic G.A.	Premium Zirc	A/O with Grinding Aid	—
Arc	—	—	Zirconia/Y Standard	A/O/X Plus Coolant	—
Pferd	CO, CO Cool	Ceramic	ZA Z	Aluminum Oxide A-Plus, Aluminum Oxide A-INOX-FORTE	Silicon Carbide SiC
Sait	7S, 7A, 9S	—	Z	3A	C-W
Camel	Ceramic	—	Zirconia AO	—	—
Klingspor	CS570, FS966	CS610	Alumina Zirconia	—	CS333X
Garryson	—	Ceramic	—	—	—



Best choice for tough applications and stainless steel

BLAZE F980 CERAMIC ALUMINA FIBER

- 100% ceramic grain constantly exposes sharper edges to deliver highest productivity at lowest overall costs vs. competitive lower-ratio ceramic discs
- Strong fiber backing, heavier and more rigid than conventional cloth discs, adds strength and tear resistance, and allows additional pressure for better results when grinding difficult materials
- Advanced self-lubricating grain treatment provides coolest cut and significantly faster cut rates; excels on hard-to-grind materials like 300 and 400 Series stainless and exotic alloys



TIER: **BEST**
 TRADENAME: **BLAZE F980**
 ABRASIVE: Ceramic Alumina
 BACKING: Fiber – Heavy Duty
 OTHER: Supersize
 ATTACHMENT: TR (Type III)



SIZE (D)	GRIT	STD. PKG.	PART #
2	24	25	776960 90139
	36	25	662610 58704
	50	25	662610 58705
	60	25	662610 58706
	80	25	662610 58707
3	24	25	776960 90140
	36	25	662610 58708
	50	25	662610 58709
	60	25	662610 58711
	80	25	662610 58712

Quick-Change back-up pads shown at the end of the Quick-Change Disc section.





Best choice for tough applications, titanium, super alloys, and stainless steel (3-ply) or contoured surfaces (2-ply)

BLAZE R980P CERAMIC ALUMINA

- 100% ceramic grain constantly exposes sharper edges to deliver highest productivity at lowest overall costs vs. competitive lower-ratio ceramic discs
- Improved resin bond system maximizes grain retention for longer product life
- Advanced self-lubricating grain treatment provides coolest cut with significantly faster cut rates while minimizing loading on hard-to-grind materials



Better choice for soft metals, wood, stainless steel, and carbon

BLUEFIRE R884P ZIRCONIA ALUMINA

- Premium, versatile, self-sharpening zirconia plus grain provides aggressive cut and up to 30% longer life vs. competitive zirconia discs
- Semi-open coat minimizes loading on soft metals (aluminum, brass, and bronze) and wood, as well as stainless and carbon steels
- Durable Y-weight, polyester waterproof backing stands up to demanding applications: high-pressure and hard-to-grind exotic alloys



Better choice for stainless steel, titanium and other exotic alloys

R801 ZIRCONIA ALUMINA PLUS

- Self-sharpening, zirconia alumina abrasive with grinding aid provides cooler cut, and longer life on hard-to-grind materials
- Durable, Y-weight, 2-ply polyester waterproof blend back stands up to these demanding applications
- Minimized heat build-up allows these discs to outlast conventional aluminum oxide and zirconia alumina discs in many applications



Good choice when initial price is the primary consideration

ALUMINUM OXIDE

- Versatile aluminum oxide abrasive for aggressive cut and longer life than competitive aluminum oxide discs
- Durable Y-weight 2-ply polyester backing and coating for additional life and faster cut rate on moderately-demanding applications
- Good choice when initial price is the primary purchasing consideration



Good choice for non-ferrous materials

R422 SILICON CARBIDE

- Sharp, silicon carbide abrasive provides high initial cut and penetration to resist loading on soft metals
- Strong, X-weight, 2-ply cotton backing construction for extended durability and reduced edge wear
- When completion time is important, sharp silicon carbide abrasive gets non-ferrous blending jobs done quickly

Zirconia Alumina Quick-Change Cloth Discs



TIER:	BETTER	BETTER	BETTER	BETTER	BETTER
TRADENAME:	BLUEFIRE R884P	BLUEFIRE R884P	R801 ZIRC PLUS	R801 ZIRC PLUS	R801 ZIRC PLUS
ABRASIVE:	Zirconia Alumina	Zirconia Alumina	Zirconia Alumina	Zirconia Alumina	Zirconia Alumina
BACKING:	Polyester 2-Ply Standard	Polyester 2-Ply Standard	Polyester 2-Ply Standard	Polyester 2-Ply Standard	Polyester 2-Ply Standard
OTHER:			Supersize	Supersize	Supersize
ATTACHMENT:	TS (Type II)	TR (Type III)	TS (Type II)	TR (Type III)	TP (Type I)

SIZE (D)	GRIT	STD. PKG.	PART #	PART #	PART #*	PART #*	PART #*
1	36	100				08834167093 NS	
	40	100			08834167052 NS	08834167094 NS	
	50	100				08834167095 NS	08834167011 NS
	60	100	66261138608			08834167096 NS	08834167012 NS
	80	100	66261138607			08834167097	08834167013 NS
	120	100				08834167099	08834167015 NS
1-1/2	36	100	66261138624	66261121041		08834167102	08834167018 NS
	50	100				08834167103	08834167019 NS
	60	100	66261138621	66261121043	08834167061	08834167104	
	80	100	66261138620	66261121044	08834167062	08834167106	
	120	100					
2	24	100	66261138638*	66261138672*			
	36	100	66261138637*	66261138671	08834167065	08834167107	08834167023
	40	100			08834167066	08834167108	
	50	100	66261138635*	66261138670*	08834165583	08834167109	08834167025
	60	100	66261138634*	66261121048*	08834167068	08834167110	08834167026
	80	100	66261138633*	66261121049*	08834167069	08834167111	08834167027
	120	100			08834167071	08834167113	08834167029
3	24	50	66261138665*	66261138675*			
	36	50	66261138664*	66261138674*	08834167072	08834167114	08834167030
	40	50			08834167073		
	50	50	66261138662*	66261138673*	08834167074	08834167116	08834167032
	60	50	66261138661*	66261121053*	08834167075	08834167117	08834167033
	80	50	66261138660*	66261121054*	08834167076	08834167118	08834167034
	120	50			08834167078	08834167120	
4	36	50	66261138683*		08834167079		
	50	50	66261138681*				
	60	50	66261137343*				08834167040 NS
	80	50	66261138679*		08834167083 NS		
	120	50			08834167085 NS		

* Standard Package = 25 discs

NS Non-stock, contact your Norton representative for current order quantities and lead-times.

Quick-Change back-up pads shown at the end of the Quick-Change Disc section.



Quick-Change Test Kit "D"

- Part # 08834165001
- Includes 150 discs, assorted grits, in 1", 2", and 3" diameters and 3" back-up pads
- Primarily aluminum oxide cloth quick-change discs
- Several zirconia alumina and aluminum oxide FlexEdge discs are included