

QUICK-CHANGE DISCS



NORTON **SG**
BLAZE

Norton
BLUEFIRE

MERIT



CATEGORY DEFINITION

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

- APPLICATIONS:** Mini flap, fiber, and 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
- SIZE RANGE:** 9/16" – 4" diameter
- GRIT RANGE:** 24 – 320
- ABRASIVE GRAIN:** Ceramic Alumina, Zirconia Alumina, Aluminum Oxide, Silicon Carbide
- BACKING:** Fiber or cloth
- CLOTH FLEX:** 3-ply (more aggressive), 2-ply (standard), 1-ply (more conformable), or fx (more flexible) lamination
- ATTACHMENT:** Type TS (II), Type TR (III), and Type TP (I)
- BACK-UP PADS:** Rubber with hardness variations for different applications

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.



Mini Flap

- Layered flaps wear away evenly, producing an aggressive cutting action while also providing blending capabilities



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 polyester laminate construction creates an aggressive and durable cloth disc for flat surfaces



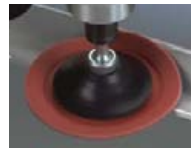
Cloth 1-Ply

- Their conformable 1-ply polyester laminate construction is specifically designed for finishing applications



Cloth Flexible (fx)

- Offer a flexible, 2-ply cotton laminate construction for added conformability on contoured surfaces or any application where added flexibility is needed



Cloth FlexEdge

- Manufactured with an abrasive cloth where the outer 3/8" is more flexible than the rest of the disc; designed to avoid gouging on contoured surfaces or soft materials

QUICK-CHANGE ATTACHMENT SYSTEMS AND CROSS REFERENCE GUIDE

Type TS (Type II)

- Features a turn-on/turn-off style fastener
- Fastener is made of metal
- Equivalent to Standard Abrasives' SocAtt® locking system

Type TR (Type III)

- Features a roll-on/roll-off style fastener
- Fastener is made of plastic
- Equivalent to 3M™ Roloc™ fastening system

Type TP (Type I)

- Snap-on/snap-off system which enables you to change discs quickly and safely, reducing downtime and operating expenses
- Fastener is made of plastic

MERIT

Type II



Type III



Type I



NORTON

TS

TR

TP

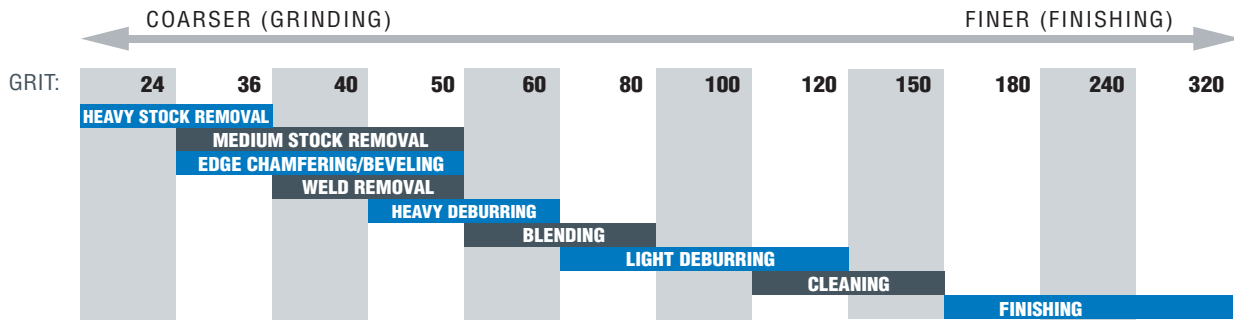
3M	Roloc TS/TSM	Roloc TR	Roloc TP
Standard	TS (SocAtt)	TR (Lockit)	TP (ClickOn)
Superior	Type S	Type R	–
Arc	Type S	Type R	Type P
Pferd	Type CD	Type CDR	–
Sait	SAIT-LOK	SAIT-LOK-R	–
Camel	Turn On	Roll On	–
Klingspor	QMC	QRC	–
Garryson	Type S	Type R	–



MATERIAL/APPLICATION-TO-PRODUCT RECOMMENDATION GUIDE

	BEST HIGHEST PRODUCTIVITY LOWEST TOTAL COST	BETTER EXCELLENT BLEND OF PERFORMANCE & PRICE	GOOD CONSISTENT PERFORMANCE LOW INITIAL PRICE
Stainless Steel / Titanium / Super Alloys	Norton SG Blaze Plus R980P	Merit Zirc Plus	Merit ALO Plus
Mild Carbon Steel / Welds	Merit Ceramic Plus	NorZon BlueFire R884	Merit ALO
Ferrous Metals / Cast Iron	Merit Ceramic Plus	NorZon BlueFire R884	Merit ALO
Brass / Bronze / Aluminum	–	NorZon BlueFire R884	Merit ALO
Paint / Glue / Adhesive	–	–	Merit ALO
Concrete / Stone / Fiberglass	–	–	Merit Silicon Carbide

APPLICATION/GRIT RECOMMENDATION GUIDE



CROSS REFERENCE GUIDE

Abrasive	TOTAL PERFORMANCE						INITIAL PRICE		
	BEST		BETTER				GOOD		
Backing	Ceramic Alumina Full Ratio	Ceramic Alumina Full Ratio	Zirconia Alumina	Zirconia Alumina	Zirconia Alumina	Zirconia Alumina	Aluminum Oxide	Aluminum Oxide	Silicon Carbide
	Fiber	Cloth	Fiber	Flap	Cloth	Cloth	Cloth	Cloth	Cloth
MERIT	Ceramic Plus	Ceramic Plus	Zirconia	Zirc	Zirc Plus	Zirc	ALO Plus	ALO	Silicon Carbide
NORTON	SG Blaze F980	SG Blaze Plus R980P	–	–	–	NorZon BlueFire R884	–	Metalite R228	–
3M	983C, 988C	963G, 977F, 785C, 777F	501C	–	–	–	–	361F	461F
Standard	–	Ceramic Pro, Ceramic	–	–	Zirconia Pro	Zirconia	A/O Extra, A/O Pro	A/O	Silicon Carbide
Superior	–	Ceramic G.A.	Zirc	–	Zirc w/ Grinding Aid	Premium Zirc	A/O w/ Grinding Aid	Premium A/O, Rigid Kut A/O	–
Arc	–	–	–	–	Zirconia/Y Plus	Zirconia/Y Standard	A/O/X Plus Coolant	A/O/Y Premium	–
Pferd	Ceramic Oxide CO	Ceramic Oxide CO	–	Zirconia Alumina Z	–	ZA Z	Aluminum Oxide A-Plus, Aluminum Oxide A-INOX-FORTE	Aluminum Oxide A, A/O A-FORTE	Silicon Carbide SiC
Sait	–	–	–	–	3Z, Z-H	Z	3A	2A-H, 2A	–
Camel	–	–	–	–	Zirconia AO w/ Grinding Aid	Zirconia AO	–	Aluminum Oxide	–
Klingspor	–	Ceramic	–	–	Alumina Zirconia-Lubricated	Alumina Zirconia	–	Aluminum Oxide	–
Garryson	–	Ceramic	–	–	Zirconia AO w/ Grinding Aid	–	–	Aluminum Oxide	–



Norton SG Blaze F980 Ceramic Fiber Discs

- Norton SG ceramic grain with self-lubricating, supersize treatment provides coolest cut; significantly faster cut rates
- Heaviest fiber backing, greater durability, longest life, and edge-fray resistance on tough applications and stainless steel



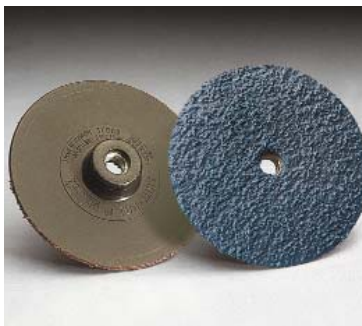
Merit Ceramic Plus Fiber Discs

- Ceramic alumina grain with self-lubricating supersize treatment, resin fiber discs resist heat build-up, cut aggressively, and are perfect for those applications that require a firm aggressive disc
- Heaviest fiber backing, greater durability, longest life, and edge-fray resistance on tough applications and stainless steel



Merit Zirconia Fiber Discs

- New, improved zirconia alumina provides a constant supply of sharp cutting edges for a fast, aggressive cutting action
- Heaviest fiber backing, greater durability, longer life, and edge fray resistance on tough applications and stainless steel



Norton NorKut Discs

- NorZon grain is resin bonded to a unique polymer backing which resists cracking and breaking and can be trimmed to the 1" core
- Use the cores to grind "pinch" welds and other hard-to-reach areas
- Used with a quick change mandrel: 7/16"-20 threaded for hand-held pneumatic grinders or 1/4" mandrel for automotive drills

AVAILABILITY

TIER:	BEST
BRAND:	Norton
ABRASIVE:	Ceramic Alumina
BACKING:	Fiber – Heavy Duty
OTHER:	Supersized
ATTACHMENT:	TR (Type III)

SIZE (D)	GRIT	STD. PKG.	PART NO.
2	36	25	66261058704
	50	25	66261058705
	60	25	66261058706
	80	25	66261058707
3	36	25	66261058708
	50	25	66261058709
	60	25	66261058711
	80	25	66261058712

AVAILABILITY

TIER:	BEST	BEST
BRAND:	Merit	Merit
ABRASIVE:	Ceramic Alumina	Ceramic Alumina
BACKING:	Fiber – Heavy Duty	Fiber – Heavy Duty
OTHER:	Supersized	Supersized
ATTACHMENT:	TS (Type II)	TR (Type III)

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.
2	36	100	08834165611	08834166041
	50		08834165613	08834166043
	60		08834166226	08834166044
	80		08834166227	08834166045
	120		08834165616	08834166046
3	36	50	08834166035	08834166219
	50		08834166037	08834166220
	60		08834166038	08834166221
	80		08834166039	08834166222
	120		08834166040	08834166223

AVAILABILITY

TIER:	BETTER	BETTER
BRAND:	Merit	Merit
ABRASIVE:	Zirconia Alumina	Zirconia Alumina
BACKING:	Fiber – Heavy Duty	Fiber – Heavy Duty
ATTACHMENT:	TS (Type II)	TR (Type III)

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.
2	36	100	08834167800	08834167810
	50		08834167802	08834167812
	60		08834167803	08834167813
	80		08834167804	08834167815
3	36	50	08834167805	08834167816
	50		08834167807	08834167818
	60		08834167806	08834167819
	80		08834167809	08834167820

AVAILABILITY

TIER:	BETTER
BRAND:	Norton
ABRASIVE:	Zirconia Alumina
BACKING:	Extra HD Polymer
ATTACHMENT:	Threaded Hole

SIZE (D)	GRIT	STD. PKG.	PART NO.
3	24	20	63642503656
	36		63642503657
	50		63642503658
7/16"-20 Mandrel		5	63642503659
1/4" Mandrel		5	63642503660



Merit Mini Zirconia Flap Discs

- High performance zirconia alumina abrasive provides maximum cut rate and life
- Layered flaps wear away evenly, producing a high-quality and consistent finish

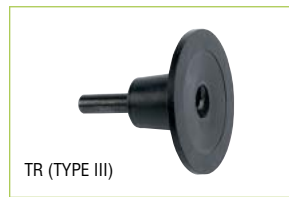
AVAILABILITY

TIER:	BETTER	BETTER
BRAND:	Merit	Merit
ABRASIVE:	Zirconia Alumina	Zirconia Alumina
FLAP:	Cotton	Cotton
BACKING MATERIAL:	X-Heavy Duty Rubber	X-Heavy Duty Rubber
ATTACHMENT:	TS (Type II)	TR (Type III)



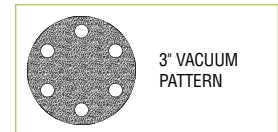
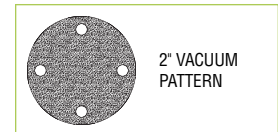
SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.
2	36	10	08834195020	08834194550
	40		08834195021	08834194551
	60		08834195022	08834194552
	80		08834195023	08834194553
	120		08834195024	08834194554
3	36	10	08834195035	08834194563
	40		08834195036	08834194564
	60		08834195037	08834194565
	80		08834195038	08834194566
	120		08834195039	08834194567

DESCRIPTION	STD. PKG.	PART NO.
Mini Flap Disc 2" & 3" TS (Type II) Back-up Pad	1	08834168539
Mini Flap Disc 2" & 3" TR (Type III) Back-up Pad	1	08834160172



Norton SG Blaze R980P Cloth Discs

- Next-generation, Norton SG ceramic alumina grain with self-lubricating, supersize treatment provides coolest cut; significantly faster cut rates
- Heaviest Y-wt. polyester cloth backing, for greatest durability, longest life, and edge-fray resistance on tough applications and stainless steel
- 3-ply heavy-duty laminate discs (yellow backing) are more aggressive; ideal when durability and long life are required
- 1-ply laminate discs (black backing) are more conformable; very flexible



AVAILABILITY




TIER:	BEST	BEST	BEST	BEST	BEST
BRAND:	Norton	Norton	Norton	Norton	Norton
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Ceramic Alumina	Ceramic Alumina	Ceramic Alumina
BACKING:	Polyester Heavy Duty	Polyester Conformable	Polyester Heavy Duty	Polyester Heavy-Duty Vacuum	Polyester Conformable
OTHER:	Supersized	Supersized	Supersized	Supersized	Supersized
ATTACHMENT:	TS (Type II)	TS (Type II)	TR (Type III)	TR (Type III)	TR (Type III)

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
1-1/2	36	100	66261162307	63642595401	66261162308		63642595465
	50		66261162309	63642595446	66261162310		63642595467
	60		66261162311	63642595447	66261162312		63642595468
	80		66261162313	63642595450	66261162314		63642595469
	120		66261043379	66261043416	66261043380		66261043417
2	36	25	66261162317	63642595452	66261162318		63642595470
	50		66261162319	63642595456	66261162320		63642595472
	60		66261162321	63642595458	66261162322	66254481589	63642595476
	80		66261162323	63642595459	66261162324	66254481590	63642595478
	100		66261043382	66261043418	66261043383		66261043419
	120		66261043384	66261043420	66261043386	66254481591	66261043421
3	36	25	66261162327	63642595460	66261162328		63642595479
	50		66261162329	63642595462	66261162330		63642595480
	60		66261162331	63642595463	66261162332	66254481705	63642595481
	80		66261162333	63642595464	66261162334	66254481707	63642595493
	100		66261043389	66261043422	66261043390		66261043423
	120		66261043391	66261043424	66261043392	66254481708	66261043425



Merit Ceramic Plus Cloth Discs

AVAILABILITY

TIER:	BEST	BEST	BEST
BRAND:	Merit	Merit	Merit
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Ceramic Alumina
BACKING:	Polyester Standard	Polyester Standard	Polyester Standard
OTHER:	Supersized	Supersized	Supersized
ATTACHMENT:	TS (Type II) 	TR (Type III) 	TP (Type I) 




- Ceramic alumina grain provides exceptional life and value, especially on hard-to-grind alloys
- The supersize grinding aid produces longer life and cooler cut
- Strong, Y-wt. 2-ply polyester backing provides excellent durability and grain adhesion

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
9/16	36	100	08834163315		08834163000
	40		08834163316		08834163003
	50		08834163317		08834163004
	60		08834163318		08834163005
	80		08834163319		08834163014
	100		08834163434		08834163433
	120		08834163320		08834163017
3/4	36	100	08834163321	08834163392	08834163020
	40		08834163322	08834163393	08834163021
	50		08834163324	08834163394	08834163022
	60		08834162239	08834163395	08834163023
	80		08834163339	08834163396	08834163024
	100		66254410755	08834163438	08834163436
	120		08834163362	08834163397	08834163027
1	36	100	08834163374	08834163398	08834163028
	40		08834163375	08834163400	08834163030
	50		08834163376	08834163401	08834163031
	60		08834162240	08834163402	08834163042
	80		08834163378	08834163403	08834163043
	100		08834163440	08834163441	08834163439
	120		08834163379	08834163404	08834163112
1-1/2	36	100	08834163421	08834163405	08834163113
	40		08834163380	08834163406	08834163114
	50		08834163252	08834162620	08834163115
	60		08834160463	08834163407	08834163116
	80		08834163273	08834163408	08834163117
	100		08834163443	08834163444	08834163442
	120		08834168653	08834163409	08834168650
2	36	100	08834163118	08834160449	08834163119
	40		08834163229	08834163410	08834163120
	50		08834163259	08834163411	08834163121
	60		08834163551	08834163412	08834163231
	80		08834163381	08834165615	08834163219
	100		08834163446	08834163447	08834163445
	120		08834163382	08834168657	08834168651
3	36	50	08834163383	08834160458	08834163238
	40	08834163384	08834163413	08834163245	
	50	100	08834163385	08834163414	08834168275
	60	08834163386	08834163415	08834163266	
	80	08834163387	08834168178	08834169701	
	100	08834163449	08834163450	08834163448	
	120	08834168655	08834168658	08834168652	
4	36	50	08834162742	08834163416	08834163280
	40		08834163388	08834163417	08834163287
	50		08834162743	08834163418	08834163294
	60		08834163389	08834162992	08834163301
	80		08834163390	08834163419	08834163308
	100		08834163452	08834163453	08834163451
	120		08834163391	08834163420	08834163314



Merit Zirconia Plus Cloth Discs

AVAILABILITY

TIER:	BETTER	BETTER	BETTER
BRAND:	Merit	Merit	Merit
ABRASIVE:	Zirconia Alumina	Zirconia Alumina	Zirconia Alumina
BACKING:	Polyester Standard	Polyester Standard	Polyester Standard
OTHER:	Supersized	Supersized	Supersized
ATTACHMENT:	TS (Type II) 	TR (Type III) 	TP (Type I) 



SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
1	36	100	08834167051	08834167093	08834167009
	40		08834167052	08834167094	08834167010
	50		08834167053	08834167095	08834167011
	60		08834167054	08834167096	08834167012
	80		08834167055	08834167097	08834167013
1-1/2	36	100	08834167058	08834167100	08834167016
	40		08834167059	08834167101	08834167017
	50		08834167060	08834167102	08834167018
	60		08834167061	08834167103	08834167019
	80		08834167062	08834167104	08834167020
2	36	100	08834167065	08834167107	08834167023
	40		08834167066	08834167108	08834167024
	50		08834165583	08834167109	08834167025
	60		08834167068	08834167110	08834167026
	80		08834167069	08834167111	08834167027
3	36	50	08834167072	08834167114	08834167030
	40		08834167073	08834167115	08834167031
	50		08834167074	08834167116	08834167032
	60		08834167075	08834167117	08834167033
	80		08834167076	08834167118	08834167034
4	36	50	08834167079	08834167121	08834167037
	40		08834167080	08834167122	08834167038
	50		08834167081	08834167123	08834167039
	60		08834167082	08834167124	08834167040
	80		08834167083	08834167125	08834167041
	120		08834167085	08834167127	08834167043

- Ideal product for demanding grinding applications
- Grinding aid results in cooler cut on stainless steel, titanium and other exotic alloys
- Strong, Y-wt., 2-ply polyester backing provides excellent durability and grain adhesion
- Lubricated supersize coat runs cooler



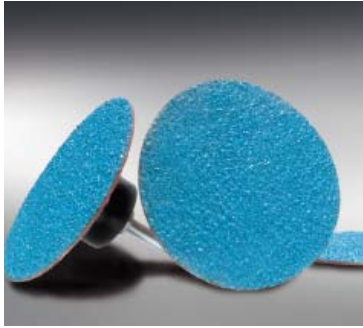
Norton NorZon BlueFire R884 Cloth Discs NEW

AVAILABILITY

TIER:	BETTER	BETTER
BRAND:	Norton	Norton
ABRASIVE:	Zirconia Alumina	Zirconia Alumina
BACKING:	Polyester Standard	Polyester Standard
ATTACHMENT:	TS (Type II) 	TR (Type III) 

- Premium, versatile, self-sharpening zirconia alumina plus grain provides aggressive cut and up to 30% longer life than competitive zirconia alumina products
- Upgraded resin bond improves base adhesion and reduces grain shedding
- New grain coating results in longer life and faster cut rate
- Semi-open coat retards loading on soft metals (aluminum, brass, and bronze) and wood, as well as stainless steel and carbon steel
- Durable, Y-wt, 2-ply polyester backing stands up to demanding applications: high-pressure and hard-to-grind exotic alloys

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.
1	50	100	66261138609	
	60		66261138608	
	80		66261138607	
1-1/2	24	100	66261138625	
	36		66261138624	66261121041
	50		66261138622	
	60		66261138621	66261121043
	80		66261138620	66261121044
2	24	25	66261138638	66261138672
	36		66261138637	66261138671
	50		66261138635	66261138670
	60		66261138634	66261121048
	80		66261138633	66261121049
3	24	25	66261138665	66261138675
	36		66261138664	66261138674
	50		66261138662	66261138673
	60		66261138661	66261121053
	80		66261138660	66261121054
4	36	25	66261138683	
	50		66261138681	
	60		66261137343	
	60		66261137343	
	80		66261138679	



Merit Zirconia Cloth Discs

- Self-sharpening, zirconia alumina abrasive provides cooler cut, longer life
- Strong, Y-wt., 2-ply cotton backing construction for extended durability and reduced edge-wear

AVAILABILITY

TIER:	BETTER	BETTER	BETTER
BRAND:	Merit	Merit	Merit
ABRASIVE:	Zirconia Alumina	Zirconia Alumina	Zirconia Alumina
BACKING:	Cotton Standard	Cotton Standard	Cotton Standard
ATTACHMENT:	TS (Type II)	TR (Type III)	TP (Type I)

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
1	40	100	08834165327	08834164591	08834166129
	50		08834164590	08834164596	08834166130
	60		08834165329	08834164597	08834166131
	80		08834165330	08834164304	08834166132
1-1/2	36	100	08834165341	08834166263	08834161366
	40		08834165342	08834164598	08834166162
	50		08834165343	08834166971	08834161480
	60		08834165344	08834164599	08834161118
	80		08834165345	08834161688	08834166190
2	36	100	08834165356	08834164208	08834166134
	40		08834165357	08834164600	08834166135
	50		08834165358	08834161534	08834166136
	60		08834165359	08834161116	08834166137
	80		08834165360	08834166198	08834166138
3	36	50	08834165371	08834166264	08834166140
	40		08834165372	08834164862	08834166141
	50		08834165373	08834161535	08834166142
	60		08834165374	08834166259	08834166143
	80		08834165375	08834166269	08834166144



Non-Woven Discs

Merit and Norton non-woven quick-change discs are a combination of strong synthetic mesh and quality abrasives, bonded together by a smear-resistant adhesive. They are ideal for use on portable tools to clean and remove imperfections on metal surfaces, clean, deburr or finish a variety of surfaces, blend weld seams, or create decorative finishes. The open construction of the non-woven material enables aggressive cutting action and improved surface finish while maintaining its non-loading feature.




See Non-Woven Discs section for full product listing and application information.



Merit Aluminum Oxide Plus Cloth Discs

- Aluminum Oxide Plus discs feature a grinding aid
- They run cooler and more efficiently for grinding exotic alloys
- Strong, Y-wt., 2-ply polyester backing construction for extended durability and reduced edge-wear

AVAILABILITY

TIER:	GOOD	GOOD	GOOD
BRAND:	Merit	Merit	Merit
ABRASIVE:	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
BACKING:	Polyester Standard	Polyester Standard	Polyester Standard
OTHER:	Supersized	Supersized	Supersized
ATTACHMENT:	TS (Type II) 	TR (Type III) 	TP (Type I) 

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
3/4	36	100	08834167462	08834164467	08834164345
	40		08834167463	08834164468	08834164346
	50		08834167464	08834164469	08834164347
	60		08834167465	08834164470	08834164349
	80		08834167466	08834164471	08834164350
	120		08834167468	08834164473	08834164361
1	36	100	08834167477	08834164475	08834164363
	40		08834167478	08834164476	08834164364
	50		08834167479	08834164477	08834164365
	60		08834167480	08834164478	08834164366
	80		08834167481	08834164479	08834164368
	120		08834167483	08834164481	08834164370
1-1/2	36	100	08834166881	08834164483	08834164392
	40		08834166882	08834164484	08834164393
	50		08834166883	08834164485	08834164394
	60		08834166884	08834164486	08834164395
	80		08834166885	08834164487	08834164396
	120		08834166887	08834164489	08834164398
2	36	100	08834166896	08834164491	08834164400
	40		08834166897	08834164492	08834164401
	50		08834166898	08834164493	08834164402
	60		08834166899	08834164494	08834164403
	80		08834166900	08834164495	08834164404
	120		08834166902	08834164496	08834164428
3	36	50	08834166911	08834164498	08834164430
	40		08834166912	08834164499	08834164431
	50		08834166913	08834164500	08834164432
	60		08834166914	08834164501	08834164433
	80		08834166915	08834164502	08834164434
	120		08834166917	08834164509	08834164436
4	36	50	08834163959	08834164511	08834164459
	40		08834163960	08834164525	08834164460
	50		08834163961	08834164526	08834164461
	60		08834163962	08834164527	08834164462
	80		08834163963	08834164536	08834164463
	120		08834163965	08834164542	08834164465





Merit Metal Aluminum Oxide Cloth Discs



- Versatile aluminum oxide abrasive is tough and durable with aggressive cutting action
- Heavyweight, but smooth, cotton backing for roughing and blending
- Available in coarse grits for light to medium grinding, medium grits for blending, and fine finishing grits
- Competitive initial price point makes this product the best starting specification for end-users unable to measure performance

AVAILABILITY

TIER:	GOOD	GOOD
BRAND:	Merit	Merit
ABRASIVE:	Aluminum Oxide	Aluminum Oxide
BACKING:	Cotton Standard	Cotton Standard
ATTACHMENT:	TS (Type II) 	TR (Type III) 

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.
2	36	100	66254468890	66254469256
	40		66254468891	66254469257
	50		66254469251	66254469258
	60		66254469252	66254469259
	80		66254469253	66254469260
	100		66254469254	66254469261
	120		66254469255	66254469262
3	36	50	66254469263	66254469270
	40		66254469264	66254469271
	50		66254469265	66254469272
	60		66254469266	66254469273
	80		66254469267	66254469274
	100		66254469268	66254469275
	120		66254469269	66254469276



**Norton Metalite R228
Aluminum Oxide Cloth Discs**

- Premium aluminum oxide abrasive provides long life
- Strong, X-wt., 2-ply cotton backing construction for extended durability and reduced edge-wear
- Ideal for aggressive stock removal applications
- Resistant to heat

AVAILABILITY			TIER: GOOD	TIER: GOOD	TIER: GOOD
			BRAND: Norton	BRAND: Norton	BRAND: Norton
			ABRASIVE: Aluminum Oxide	ABRASIVE: Aluminum Oxide	ABRASIVE: Aluminum Oxide
			BACKING: Cotton Standard	BACKING: Cotton Standard	BACKING: Cotton Standard – Vacuum
			ATTACHMENT: TS (Type II)	ATTACHMENT: TR (Type III)	ATTACHMENT: TR (Type III)
SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
1	36	100	66261138098		
	50		66261138095		
	60		66261138090		
	80		66261138085		
	100		66261138080		
	120		66261138075		
1-1/2	36	100	66261138135	66261121009	
	40		66261138130		
	50		66261138125		
	60		66261138120	66261121012	
	80		66261138115	66261121013	
	100		66261138110	66261121014	
	120		66261138105	66261121015	
	180		66261138099		
	320		66261144113		
	2		24	100	66261138171
36		66261138170	66261121019		
40		66261138165	66261121020		
50		66261138160	66261121021		
60		66261138155	66261121022		
80		66261138150	66261121023		
100		66261138145	66261121024		
120		66261138140	66261121025		66254481586
150		66261138139	66261121026		66254481587
180		66261138138	66261121027		
240		66261138137	66261121028		
320		66261137346			
3	24	50	66261138206	66261121029	
	36		66261138205	66261121030	
	40		66261138200	66261121031	
	50		66261138195	66261121032	
	60		66261138190	66261121033	66254481702
	80		66261138185	66261121034	66254481703
	100		66261138180	66261121035	
	120		66261138175	66261121036	66254481704
	150		66261137347	66261121037	
	180		66261138173	66261121038	
	240		66261138172	66261121039	



**Merit Silicon Carbide
Cloth Discs**

- Sharp, silicon carbide abrasive on X-wt. backing provides high initial cut and penetration for nonferrous materials

AVAILABILITY			TIER: GOOD	TIER: GOOD	TIER: GOOD
			BRAND: Merit	BRAND: Merit	BRAND: Merit
			ABRASIVE: Silicon Carbide	ABRASIVE: Silicon Carbide	ABRASIVE: Silicon Carbide
			BACKING: Cotton Standard	BACKING: Cotton Standard	BACKING: Cotton Standard
			ATTACHMENT: TS (Type II)	ATTACHMENT: TR (Type III)	ATTACHMENT: TP (Type I)
SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
2	40	100	08834165252	08834164275	08834162166
	60		08834165254	08834164163	08834162168
	80		08834165255	08834166155	08834162169
	120		08834165257	08834164837	08834162171
	180		08834165259	08834167313	08834162173
3	40	50	08834165267	08834164277	08834162185
	60		08834165269	08834164850	08834162187
	80		08834165270	08834166159	08834162188
	120		08834165272	08834166160	08834162190
	180		08834165274	08834168177	08834164971



Merit Aluminum Oxide Cloth Discs

- Aluminum oxide cloth discs are best used for general purpose deburring and blending on ferrous and nonferrous metals where greater edge durability is required
- Strong, Y-wt., 2-ply polyester backing construction for extended durability and reduced edge-wear

AVAILABILITY

TIER:	GOOD	GOOD	GOOD
BRAND:	Merit	Merit	Merit
ABRASIVE:	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
BACKING:	Polyester Standard	Polyester Standard	Polyester Standard
ATTACHMENT:	TS (Type II)	TR (Type III)	TP (Type I)

SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
3/4	24	100	08834165100	08834164312	08834161001
	36		08834165101	08834164319	08834161002
	40		08834165102	08834164321	08834161003
	50		08834165103	08834164322	08834161004
	60		08834165104	08834164813	08834161005
	80		08834165105	08834164323	08834161006
	100		08834165106	08834164814	08834161007
	120		08834165107	08834164324	08834161008
	150		08834165108	08834164815	08834161009
	180		08834165109	08834164325	08834161010
	240		08834165111	08834164326	08834161011
	320		08834165113	08834164327	08834161012
1	24	100	08834165115	08834164328	08834161014
	36		08834165116	08834166031	08834161015
	40		08834165117	08834161251	08834161016
	50		08834165118	08834164924	08834161017
	60		08834165119	08834161105	08834161018
	80		08834165120	08834166185	08834161019
	100		08834165121	08834161364	08834161020
	120		08834165122	08834161106	08834161021
	150		08834165123	08834164330	08834161022
	180		08834165124	08834166252	08834161023
	240		08834165126	08834166874	08834161025
	320		08834165128	08834164097	08834161026
1-1/2	24	100	08834165130	08834164969	08834161027
	36		08834165131	08834164048	08834161028
	40		08834165132	08834164804	08834161029
	50		08834165133	08834164092	08834161030
	60		08834165134	08834164902	08834161031
	80		08834165135	08834161400	08834161032
	100		08834165136	08834161288	08834161033
	120		08834165137	08834164905	08834161034
	150		08834165138	08834164810	08834161035
	180		08834165139	08834166251	08834161036
	240		08834165141	08834161602	08834161037
	320		08834165143	08834164331	08834161038
2	24	100	08834165145	08834164912	08834161041
	36		08834165146	08834164913	08834161042
	40		08834165147	08834166353	08834161043
	50		08834165148	08834164914	08834161044
	60		08834165149	08834161155	08834161045
	80		08834165150	08834164941	08834161046
	100		08834165151	08834164917	08834161047
	120		08834165152	08834161169	08834161048
	150		08834165153	08834164786	08834161049
	180		08834165154	08834164916	08834161050
	240		08834165156	08834164919	08834161051
	320		08834165158	08834166875	08834161052
3	24	50	08834165160	08834161214	08834161055
	36		08834165161	08834164938	08834161056
	40		08834165162	08834164939	08834161057
	50		08834165163	08834164940	08834161058
	60		08834165164	08834166183	08834161059
	80		08834165165	08834166191	08834161060
	100		08834165166	08834166189	08834161061
	120		08834165167	08834166184	08834161062
	150		08834165168	08834164340	08834161063
	180		08834165169	08834166187	08834161064
	240		08834165171	08834166225	08834161065
	320		08834165173	08834163205	08834161066
4	36	50	08834165176	08834166265	08834161070
	40		08834165177	08834164860	08834161071
	50		08834165178	08834164788	08834161072
	60		08834165179	08834164601	08834161073
	80		08834165180	08834166472	08834161074
	100		08834165181	08834164342	08834161075
120	08834165182	08834166473	08834161076		
180	08834165184	08834164843	08834161078		



Quick-Change Test Kit "D"

- Part No. 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 FlexEdge discs are included



Merit Aluminum Oxide fx and FlexEdge Cloth Discs

fx (conformable)

- These (flexible) aluminum oxide discs are designed for general purpose deburring and blending on contoured surfaces

FlexEdge

- Manufactured with special flexible aluminum oxide abrasive cloth where the outer 3/8" is more flexible than the rest of the disc
- Designed for softer metals where standard (fx) discs can gouge and for contour grinding of structural pieces
- Used in aircraft and aerospace manufacturing for structural hand polishing
- When using back-up pads for FlexEdge discs, order (use) one size smaller than the disc

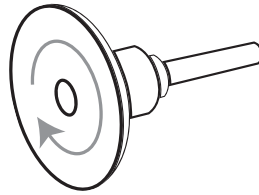
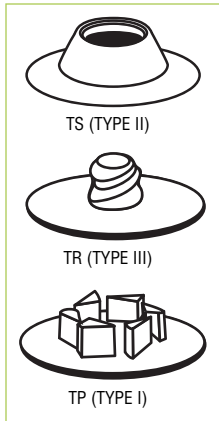
AVAILABILITY		TIER:	GOOD	GOOD	GOOD
		BRAND:	Merit	Merit	Merit
		ABRASIVE:	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
		BACKING:	Cotton	Cotton	Cotton
			Flexible (fx)	FlexEdge	FlexEdge
		ATTACHMENT:	TS (Type II)	TS (Type II)	TP (Type I)
SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
1	24	100	08834168881		
	36		08834168479		
	40		08834168480		
	50		08834168481	08834163706	08834164309
	60		08834168431	08834160394	08834164296
	80		08834168432	08834160395	08834161194
	100		08834168482	08834160396	08834164215
	120		08834168434	08834160397	08834164216
	150		08834168483		
	180		08834168484		
	240		08834168485		
320	08834168486				
1-1/2	24	100	08834168882		
	36		08834168487		
	40		08834168488		
	50		08834168489	08834163713	08834166375
	60		08834168435	08834167333	08834164315
	80		08834168436	08834160399	08834164316
	100		08834168490	08834163714	08834164317
	120		08834168437	08834160401	08834164318
	150		08834168491		
	180		08834168492	08834160402	08834164320
	240		08834168493		
320	08834168494				
2	24	100	08834168883		
	36		08834168495		
	40		08834168496		
	50		08834168497	08834163721	08834164333
	60		08834168438	08834160403	08834164334
	80		08834168439	08834160404	08834164335
	100		08834168498	08834166959	08834164336
	120		08834168440	08834167363	08834164337
	150		08834168499		
	180		08834168500	08834160405	08834164339
	240		08834168501		
320	08834168502				
3	24	50	08834168884		
	36		08834168503		
	40		08834168504		
	50		08834168505	08834163728	08834164352
	60		08834168441	08834160406	08834164353
	80		08834168442	08834161282	08834164354
	100		08834168506	08834166974	08834164355
	120		08834168443	08834163729	08834164356
	150		08834168507		
	180		08834168508	08834160407	08834164358
	240		08834168509		
320	08834168510				
Back-up pad for 3" FlexEdge Discs			Max. RPM 30,000	08834168539	08834163995

TECHtip

Avoid gouging on contours by using a smaller size back-up pad than the diameter of the discs, such as 1-1/2" back-up pad for 2" discs. For 3" discs and larger, order the special FlexEdge back-up pad that is 2" in diameter but contains the cam lock fastener for 3" and larger discs.



Quick-Change Back-up Pads



- Hard density pads are for aggressive cutting action
- Medium density pads are for all-purpose applications
- Soft density pads are used for contours and fine finishing work

DIAMETER	DENSITY	TS (TYPE II)	TR (TYPE III)	TP (TYPE I)
QUICK-CHANGE BACK-UP PADS				
9/16 40,000 RPM		66261054014		66261054013
3/4 40,000 RPM	Medium	08834164206	08834164038	08834164001
1 40,000 RPM	Medium	08834164651	08834164037	08834164002
1-1/2 30,000 RPM	Hard Medium	08834164622 08834164146	08834164640 08834161174	08834163996 08834164003
2 30,000 RPM	Hard Medium Soft	08834164624 08834164198 08834161625	08834164643 08834164922 08834164641	08834163997 08834164004 08834163949
3 20,000 RPM	Hard Medium Soft	08834161626 08834164113 08834164626	08834164036 08834164949 08834164644	08834163998 08834164005 08834163948
4 15,000 RPM	Medium	08834164135	08834164655	08834164006

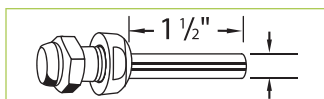
ALL QUICK-CHANGE BACK-UP PADS HAVE A 1/4" SOLID STEEL SHANK

Replacement Medium Density Rubber Pads for Quick-Change Back-up Pads

DIAMETER	MODEL NO.	TS (TYPE II)	TR (TYPE III)	TP (TYPE I)
QUICK-CHANGE REPLACEMENT RUBBER BACK-UP PADS				
3/4	RR75			08834164008
1	RR10			08834164009
1-1/2	RR15	08834168797	08834168885	08834164010
2	RR20	08834164973	08834163649	08834164011
3	RR30	08834164974	08834164970	08834164012
4	RR40			08834164013

WHEN THE RUBBER PAD HAS WORN AWAY, BUT THE STEEL COMPONENTS OF YOUR QUICK-CHANGE BACK-UP ARE STILL SERVICEABLE, ORDER THESE REPLACEMENT RUBBER PADS

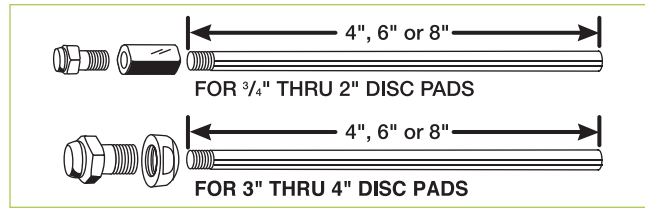
Replacement Assemblies and Shanks for Quick-Change Back-up Pad



DESCRIPTION	PART NO.
REPLACEMENT MANDRELS AND NUT ASSEMBLY	
TP (Type I)	Assembly RMN1 for 3/4 - 2 08834164015
TP (Type I)	Assembly RMN3 for 3 - 4 08834164016
TS (Type II) & TR (Type III)	Replacement 1/4" Shank 08834164303

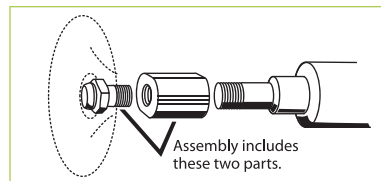
ASSEMBLIES REPLACE ALL THE STEEL COMPONENTS OF A QUICK-CHANGE BACK-UP PAD. THIS SHANK REPLACES THE SCREW-IN 1/4" SOLID STEEL SHANK ONLY.

Extension Mandrels and Assembly



DIAMETER	MODEL NO.	LENGTH	PART NO.
EXTENSION MANDRELS AND ASSEMBLY - TP (TYPE I)			
3/4 - 2	EMN-14	4"	08834164017
3/4 - 2	EMN-16	6"	08834164018
3/4 - 2	EMN-18	8"	08834164019
3 - 4	EMN-34	4"	08834164020
3 -	EMN-36	6"	08834164026
3 - 4	EMN-38	8"	08834164021

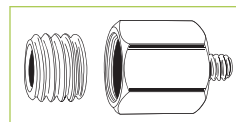
MNA-1 Pad Adapters



DISC DIAMETER	MODEL NO.	PART NO.
MNA-1 PAD ADAPTERS - TP (TYPE I)		
3/4 - 2	MNA 1/4-20 THD.	08834161176
3/4 - 2	MNA 3/8-24	08834164055
3/4 - 2	MNA 5/8-11	08834163001
3 - 4	MNA 1/4-20	08834163002
3 - 4	MNA 3/8-24	08834164041
3 - 4	MNA 5/8-11	08834164028

CONVERT A TP (TYPE I) BACK-UP PAD 1/4" DIAMETER SOLID SHANK TO A THREADED SHANK

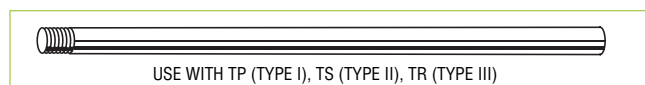
MNA-23 Pad Adapters



DISC DIAMETER	MODEL NO.	PART NO.
MNA-23 PAD ADAPTERS - TS (TYPE II) AND TR (TYPE III)		
3/4 - 4	MNA-23 3/8-24 THD. & 5/8-11	08834162764

FOR USE ON A RIGHT ANGLE GRINDER: CONVERT TS (TYPE II) AND TR (TYPE III) BACK-UP PAD 1/4" DIAMETER SOLID SHANKS TO THREADED SHANKS. THE LARGER 5/8-11 ADAPTER (FOR 4-1/2" DISCS) IS USED ALONE TO CONVERT TO A 5/8-11 THREAD. THE 3/8-24 INSERT (FOR 4" DISCS) IS SCREWED INTO THE 5/8-11 ADAPTER TO CREATE A 3/8-24 THREAD ADAPTER.

1/4" Diameter Extension Mandrel



MODEL NO.	LENGTH	PART NO.
1/4" DIAMETER EXTENSION MANDREL 1/4-20 THREAD		
EM-144	4	08834154185
EM-146	6	08834154186
EM-148	8	08834154187