

CUTTING DISCS & GRINDING WHEELS

CUTTING DISCS



FOR STEEL/INOX

- Ultra long life
- Comfortable and easy to use
- Straight and fast cutting
- Thin accurate cutting
- Free from irons, sulphur and chlorine



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
115	1,0x22,23	A 60 S-BF41 Pro	25	66252920407	8711479388606
115	1,6x22,23	A 46 S-BF41 Pro	25	66252920408	8711479388620
125	1,0x22,23	A 60 S-BF41 Pro	25	66252920409	8711479388644
125	1,6x22,23	A 46 S-BF41 Pro	25	66252920410	8711479388668
180	1,6x22,23	A 46 S-BF41 Pro	25	66252920411	8711479388682
230	1,9x22,23	A 46 S-BF41 Pro	25	66252920412	8711479388705

FOR STEEL INOX

- Thin accurate cutting
- Free from irons, sulphur and chlorine



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
115	1,0x22,23	A 60 R-BF41	25	66252920421	8711479388897
115	1,6x22,23	A 46 R-BF41	25	66252920422	8711479388910
125	1,0x22,23	A 60 R-BF41	25	66252920423	8711479388934
125	1,6x22,23	A 46 R-BF41	25	66252920424	8711479388958
150	1,6x22,23	A 46 R-BF41	25	66252920425	8711479388972
180	1,6x22,23	A 46 R-BF41	25	66252920426	8711479388996
230	1,9x22,23	A 46 R-BF41	25	66252920427	8711479389016

MULTI-PURPOSE

- Cuts all materials; Steel, PVC, Stone, INOX, and Tiles
- Comfortable and easy to use
- Cool precise cutting



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
115	1,0x22,23	C 60 R-BF41	25	66252926775	8711479427732
115	1,6x22,23	C 46 R-BF41	25	66252920428	8711479389030
125	1,0x22,23	C 60 R-BF41	25	66252926776	8711479427749
125	1,6x22,23	C 46 R-BF41	25	66252920429	8711479389054
230	1,9x22,23	C 46 R-BF41	25	66252926779	8711479427787

FOR STEEL

- Comfortable and easy to use
- Straight clean cutting



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
100	2,5x16,0	A 24 R-BF41	25	66252920432*	8711479389115
115	2,0x22,23	A 24 R-BF41	25	66252920430	8711479389078
115	3,2x22,23	A 24 R-BF41	25	66252920438	8711479389238
125	2,0x22,23	A 24 R-BF41	25	66252920431	8711479389092
125	3,2x22,23	A 24 R-BF41	25	66252920439	8711479389252
150	2,5x22,23	A 24 R-BF41	25	66252920435*	8711479389177
180	3,2x22,23	A 24 R-BF41	25	66252920440	8711479389276
230	2,5x22,23	A 24 R-BF41	25	66252925643	8711479425035
230	3,2x22,23	A 24 R-BF41	25	66252920441	8711479389290

FOR STEEL 80 m/s CHOP SAWS

- Quick cool cutting
- Burn and burr free results



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
300	2,8x25,4	A 24 R-BF41	10	66252920471	8711479389979
350	3,0x25,4	A 24 R-BF41	10	66252920472	8711479389993
400	3,0x25,4	A 24 R-BF41	10	66252920473*	8711479390012

*MTO

CUTTING DISCS

FOR STEEL 80 m/s PETROL SAWS

- Quick cool cutting
- Burn and burr free results



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
300	3,5x20,0	A 24 R-BF41	10	66252920467	8711479389894
300	3,5x22,23	A 24 R-BF41	10	66252920468*	8711479389917

FOR STEEL 100 m/s FIXED SAWS

- Quick cool cutting
- Burn and burr free results



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
300	3,5x25,4	A 24 R-BF41	10	66252920474*	8711479390036
350	3,5x25,4	A 24 R-BF41	10	66252920475*	8711479390050

FOR STONE

- Straight fast cutting
- Comfortable and easy to use
- No loading or glazing of the wheel



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
100	2,5x16,0	C 24 R-BF41	25	66252920452*	8711479389566
115	2,5x22,23	C 24 R-BF41	25	66252920453	8711479389580
125	2,5x22,23	C 24 R-BF41	25	66252920454	8711479389603
150	2,5x22,23	C 24 R-BF41	25	66252920455*	8711479389627
180	2,5x22,23	C 24 R-BF41	25	66252920456*	8711479389641
230	2,5x22,23	C 24 R-BF41	25	66252920457	8711479389665

FOR STONE 80 m/s PETROL SAWS

- Straight fast cutting
- Comfortable and easy to use
- No loading or glazing of the wheel



TYPE 41



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
300	3,5x20,0	C 24 R-BF41	10	66252920469*	8711479389931
300	3,5x22,23	C 24 R-BF41	10	66252920470*	8711479389955

*MTO

TYPE 42



FOR STEEL/INOX

- Ultra long life
- Comfortable and easy to use
- Fast cutting
- Free from Iron, Sulphur, and Chlorine



TYPE 42



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
100	3,2x16,0	A 24 S-BF42 Pro	25	66252924041	8711479417832
115	3,2x22,23	A 24 S-BF42 Pro	25	66252920413*	8711479388729
125	3,2x22,23	A 24 S-BF42 Pro	25	66252920414	8711479388743
180	3,2x22,23	A 24 S-BF42 Pro	25	66252920415	8711479388767
230	3,2x22,23	A 24 S-BF42 Pro	25	66252920416*	8711479388781

FOR STEEL

- Comfortable and easy to use
- Straight clean cutting



TYPE 42



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
115	2,5x22,23	A 24 R-BF42	25	66252920433	8711479389139
115	3,2x22,23	A 24 R-BF42	25	66252920442	8711479389313
125	2,5x22,23	A 24 R-BF42	25	66252920434	8711479389153
125	3,2x22,23	A 24 R-BF42	25	66252920443	8711479389337
180	2,5x22,23	A 24 R-BF42	25	66252920436*	8711479389191
180	3,2x22,23	A 24 R-BF42	25	66252920444*	8711479389351
230	2,5x22,23	A 24 R-BF42	25	66252920437	8711479389214
230	3,2x22,23	A 24 R-BF42	25	66252920445*	8711479389375

FOR STONE

- Straight fast cutting
- Comfortable and easy to use
- No loading or glazing of the wheel



TYPE 42



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
115	3,2x22,23	C 24 R-BF42	25	66252920458	8711479389689
125	3,2x22,23	C 24 R-BF42	25	66252920459	8711479389702
180	3,2x22,23	C 24 R-BF42	25	66252920460*	8711479389726
230	3,2x22,23	C 24 R-BF42	25	66252920461	8711479389740

*MTO

CUTTING DISCS & GRINDING WHEELS

GRINDING WHEELS



FOR STEEL/INOX

- Ultra long life
- Fast stock removal
- Comfortable and easy to use
- Free from Iron, Sulphur, and Chlorine



TYPE 27



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
100	6,5x16,0	A 24 S-BF27 Pro	10	66252924042*	8711479417849
115	6,5x22,23	A 24 S-BF27 Pro	10	66252920417	8711479388804
125	6,5x22,23	A 24 S-BF27 Pro	10	66252920418	8711479388828
180	6,5x22,23	A 24 S-BF27 Pro	10	66252920419	8711479388842
230	6,5x22,23	A 24 S-BF27 Pro	10	66252920420	8711479388866

FOR STEEL

- Efficient
- Fast stock removal
- Comfortable and easy to use



TYPE 27



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
100	6,5x16,0	A 24 R-BF27	10	66252920446*	8711479389399
115	6,5x22,23	A 24 R-BF27	10	66252920447	8711479389412
125	6,5x22,23	A 24 R-BF27	10	66252920448	8711479389436
150	6,5x22,23	A 24 R-BF27	10	66252920449*	8711479389450
180	6,5x22,23	A 24 R-BF27	10	66252920450	8711479389474
230	6,5x22,23	A 24 R-BF27	10	66252920451	8711479389542

FOR STONE

- Fast stock removal
- Comfortable and easy to use
- No loading or glazing of the wheel



TYPE 27



DIA(mm)	TxB(mm)	SPECIFICATION	PK QTY	ARTICLE NO.	BARCODE
100	6,5x16,0	C 24 R-BF27	10	66252920462*	8711479389764
115	6,5x22,23	C 24 R-BF27	10	66252920463	8711479389788
125	6,5x22,23	C 24 R-BF27	10	66252920464	8711479389801
180	6,5x22,23	C 24 R-BF27	10	66252920465*	8711479389825
230	6,5x22,23	C 24 R-BF27	10	66252920466*	8711479389849

*MTO

DIAMOND BLADES

BUILDING MATERIALS – GENERAL PURPOSE



SEGMENTED SINTERED

- 10mm high segments give longer cutting life
- For cutting general purpose building materials



DIM. (mm) DxHxTxB	PRODUCT NAME	PK QTY	ARTICLE NO.	BARCODE
115x10x2x22,23	SR 115 PRO	1	70184622072	5450248232100
125x10x2,1x22,23	SR 125 PRO	1	70184622073	5450248232117
230x10x2,5x22,23	SR 230 PRO	1	70184622074	5450248232124

SEGMENTED SINTERED

- Economy product
- For cutting general purpose building materials



DIM. (mm) DxHxTxB	PRODUCT NAME	PK QTY	ARTICLE NO.	BARCODE
115x7x2x22,23	SR 115	1	70184622068	5450248232063
125x7x2,1x22,23	SR 125	1	70184622069	5450248232070
180x7x2,4x22,23	SR 180	1	70184622070	5450248232087
230x7x2,5x22,23	SR 230	1	70184622071	5450248232094

CONCRETE & REINFORCED CONCRETE



SEGMENTED LASER WELDED

- 10mm high segments give longer cutting life
- Segments are laser welded for enhanced performance
- Enhanced specification for a smooth cut
- For cutting concrete, reinforced concrete and general purpose building materials



LASER



DIM. (mm)
DxHxTxB

PRODUCT NAME

PK QTY

ARTICLE NO.

BARCODE

230x10x2,5x22,23

SR 230 LASER PRO

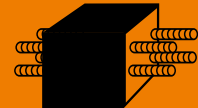
1

70184622065

5450248232032

SEGMENTED LASER WELDED

- For cutting concrete, reinforced concrete and general purpose building materials
- Segments are laser welded for enhanced performance



LASER



DIM. (mm)
DxHxTxB

PRODUCT NAME

PK QTY

ARTICLE NO.

BARCODE

115x7x2,2x22,23

SR 115 LASER

1

70184622062

5450248232001

125x7x2,2x22,23

SR 125 LASER

1

70184622063

5450248232018

230x7x2,5x22,23

SR 230 LASER

1

70184622064

5450248232025

DIAMOND BLADES

CERAMIC & STONE TILES



CORRUGATED RIM THIN CUT SINTERED

- Ultra thin blade gives an excellent quality, highly accurate cut (no chipping)
- Designed for cutting ceramic and porcelain tiles
- Jet rim for improved blade performance



DIM. (mm) DxHxTxB	PRODUCT NAME	PK QTY	ARTICLE NO.	BARCODE
115x7x1,4x22,23 - Ultra Thin 1,4mm	CR 115 PRO	1	70184622054	5450248231936
125x7x1,4x22,23 - Ultra Thin 1,4mm	CR 125 PRO	1	70184622055	5450248231943

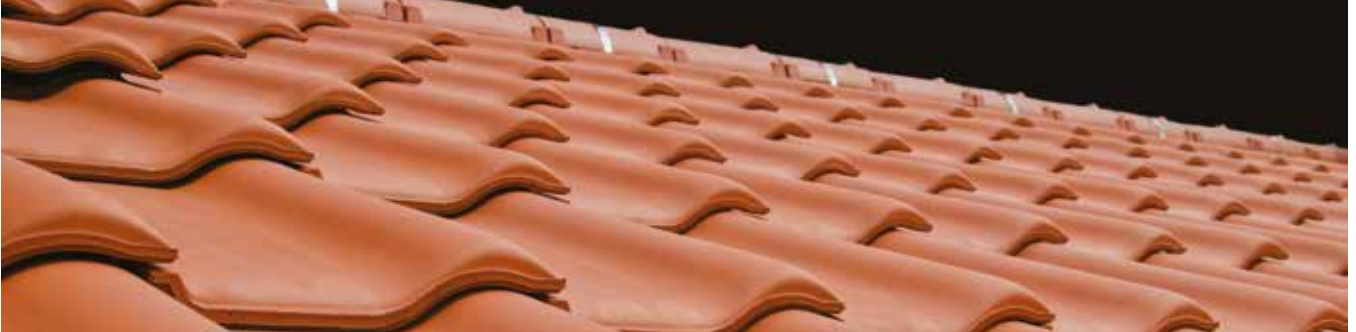
CONTINUOUS RIM SINTERED

- Designed for cutting ceramic and porcelain tiles
- Continuous rim gives a good quality cut
- 180x25,4/22,23 can work on both bench tile saws and angle grinders



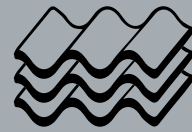
DIM. (mm) DxHxTxB	PRODUCT NAME	PK QTY	ARTICLE NO.	BARCODE
115x5x1,8x22,23	CR 115	1	70184622050	5450248231899
125x5x1,8x22,23	CR 125	1	70184622051	5450248231905
180x5x1,8x25,4/22,23	CR 180	1	70184622053	5450248231929
230x5x1,8x22,23	CR 230	1	70184622052	5450248231912

ROOF TILES, GRANITE & HARD MATERIALS



CONTINUOUS RIM TURBO SINTERED

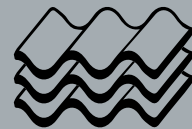
- Turbo rim for a smooth high quality cut
- For cutting hard materials
- Longer cutting life due to 10mm high segments



DIM. (mm) DxHxTxB	PRODUCT NAME	PK QTY	ARTICLE NO.	BARCODE
115x10x2,1x22,23	CR 115 TURBO PRO	1	70184622059	5450248231981
230x10x2,6x22,23	CR 230 TURBO PRO	1	70184622060	5450248231998

CONTINUOUS RIM TURBO SINTERED

- For cutting hard materials
- Turbo rim for a smooth high quality cut



DIM. (mm) DxHxTxB	PRODUCT NAME	PK QTY	ARTICLE NO.	BARCODE
115x7x2,1x22,23	CR 115 TURBO	1	70184622056	5450248231950
125x7x2,1x22,23	CR 125 TURBO	1	70184622057	5450248231967
230x7x2,6x22,23	CR 180 TURBO	1	70184622058	5450248231974



TIER:	BEST	BEST	BEST	BEST	BETTER	GOOD
TRADENAME:	QUANTUM3	NORZON PLUS	DIALAST	DIALAST	BLUEFIRE	GEMINI
SHAPE:	Type 28	Type 28	Type 29	Reversible	Type 28	Type 28
ABRASIVE:	Ceramic Alumina	Ceramic Alumina/ Zirconia Alumina	Diamond	Diamond	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide
MATERIAL:	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #	PART #
1/4" – Grinding – Type 28 Saucer								
7 x 1/4 x 5/8-11	8,600	10	662533 70803	662529 05369		662528 43229	662529 40149	
7 x 1/4 x 7/8	8,600	20		662529 05368			662529 40095	
9 x 1/4 x 5/8-11	6,600	10	662533 70804	662530 06335		662528 43237	662530 49106	
9 x 1/4 x 7/8	6,600	20	662533 70805				662530 49081	
Light Grinding – Type 29								
4-1/2 x 5/8-11	13,600	1			662533 70009			
5 x 5/8-11	12,225	1			662533 70010			
6 x 5/8-11	10,200	1			662533 70011			
7 x 5/8-11	8,600	1			662533 70012			
1/4" – Grinding – Reversible Grinding Disc								
4-1/2 x 1/4 x 5/8-11	13,600	1				662533 70019		
7 x 1/4 x 5/8-11	8,600	1				662533 70020		



TIER:	BEST	BEST	BEST	BETTER
TRADENAME:	QUANTUM3	NORZON PLUS	DIALAST	BLUEFIRE
SHAPE:	Type 27	Type 27	Type 27	Type 27
ABRASIVE:	Ceramic Alumina	Ceramic Alumina/ Zirconia Alumina	Diamond	Zirconia Alumina/ Silicon Carbide
MATERIAL:	FOUNDRY	FOUNDRY	FOUNDRY	FOUNDRY

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	
.140", 1/8" – Cutting / Notching / Lt. Grinding – Type 27							
4-1/2 x 1/8 x 5/8-11	13,580	10				662528 43206	
4-1/2 x 1/8 x 7/8	13,580	25				662528 43204	
7 x .140 x 5/8-11	8,600	1			662533 70014		
7 x 1/8 x 5/8-11	8,600	10				662528 43232	
7 x 1/8 x 7/8	8,600	20				662529 15526	
9 x .140 x 5/8-11	6,600	1			662533 70015		
9 x 1/8 x 5/8-11	6,600	10				662528 43240	
9 x 1/8 x 7/8	6,600	20				662528 43238	
1/4" – Grinding – Type 27							
4 x 1/4 x 3/8	15,280	25				662528 43181	
4 x 1/4 x 5/8	15,280	25				662528 43180	
4-1/2 x 1/4 x 5/8-11	13,580	10				662528 43207	
4-1/2 x 1/4 x 7/8	13,580	25				662528 43205	
7 x 1/4 x 5/8-11	8,600	10				662528 43231	
7 x 1/4 x 7/8	8,600	20				662528 43230	
9 x 1/4 x 5/8-11	6,600	10	662533 70849 HD	662530 07014		662528 43241	
		10				662528 43261 HD	
9 x 1/4 x 7/8	6,600	20	662533 70848 HD	662530 07013		662528 43239	
		20				662528 43260 HD	

All Norton foundry wheels are designed and reinforced to withstand the most aggressive foundry applications.

DEPRESSED CENTER WHEEL DESCRIPTION CODES

BLANK = All Purpose ALU = Aluminum FC = Fast Cut HD = Heavy Duty INOX/SS = Contaminant Free LL = Long Life XXL = Extra Long Life
 ■ = Aluminum ■ = Foundry ■ = Masonry ■ = Stainless ■ = Steel / Metal



TIER:	GOOD	BETTER	GOOD
TRADENAME:	GEMINI FLEXIBLE	GEMINI AVOS	GEMINI
SHAPE:	Type 27	Type 29	Type 29
ABRASIVE:	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:	ALUMINUM	ALUMINUM	ALUMINUM
	STEEL/METAL	STEEL/METAL	STEEL/METAL

SIZE (D x T x H)	MAX. RPM	STD. PKG.	GRIT	PART #	PART #	PART #
1/8", 1/4" – Blending – Type 27 and 29						
2 x 1/8 x 3/8	30,560	25	60	662528 35632*		
	30,560	25	80	662528 35633*		
4 x 1/8 x 5/8	15,280	20	36	662435 29721#		
	15,280	20	60	662435 29722#		
4-1/2 x 1/8 x 5/8-11	12,000	10	36		662528 42208	662528 42203
4-1/2 x 1/8 x 7/8	12,000	25	36	662528 30424#	662528 42209	662528 42204
	12,000	25	60	662528 30425#	662528 42211	
5 x 1/8 x 7/8	12,225	25	36		662528 42212	662528 42205
7 x 1/8 x 5/8-11	8,600	10	36	662529 39024		662529 17052
7 x 1/8 x 7/8	8,600	20	36	662529 39028#		662529 17051

*5 wheels per display pack; 5 display packs per standard package.

These wheels are packed 20 per box, and must be used with this specific back plate. Two back plates are included in each box.



Depressed Center Adapter Kit

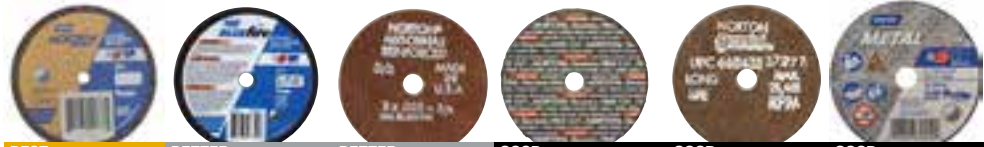
This reusable adapter kit contains everything you need to mount depressed center wheels and saucers with 7/8" center holes on to portable right angle or vertical shaft grinders. Adapter hubs are threaded for mounting on to standard 5/8"-11 NCRH spindles.

KIT NO.	WHEEL DIAMETER	WHEEL THICKNESS	PART #	STD. PKG.
114	6" thru 9"	1/16" thru 1/4"	076607 89275	1

DEPRESSED CENTER WHEEL DESCRIPTION CODES

BLANK = All Purpose	ALU = Aluminum	FC = Fast Cut	HD = Heavy Duty	INOX/SS = Contaminant Free	LL = Long Life	XXL = Extra Long Life
■ = Aluminum	■ = Foundry	■ = Masonry	■ = Stainless	■ = Steel / Metal		

Small Diameter Reinforced Cut-off



TIER:	BEST	BETTER	BETTER	GOOD	GOOD	GOOD
TRADENAME:	NORZON PLUS	BLUEFIRE	A60-OBNA2	GEMINI	GEMINI LONG LIFE	METAL
SHAPE:	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41
ABRASIVE:	Ceramic Alumina/ Zirconia Alumina	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #	PART #	
.035", .040", .060", 1/16" and .125" Type 01/41 – Cut-off									
1-1/2 x .035 x 1/16	40,745	25			662434 27764				
1-1/2 x .035 x 1/8	40,745	25			662434 27831				
1-1/2 x .035 x 1/4	40,745	25			662434 27875				
2 x .035 x 1/8	30,560	25				662434 11392 FC			
2 x .035 x 1/4	30,560	25			662434 28014	662434 11393 FC			
2 x .035 x 3/8	30,560	25				662434 11394 FC			
2 x .060 x 1/8	30,560	25			662434 28041				
2 x 1/16 x 1/4	30,560	25				662434 11395 FC			
2 x 1/16 x 3/8	30,560	25				662434 11396 FC			
2 x .125 x 1/4	30,560	25				662434 11402 FC			
2 x .125 x 3/8	30,560	25				662434 11403 FC			
2-1/2 x .035 x 1/8	30,560	25			662435 28476				
2-1/2 x .035 x 1/4	30,560	25			662435 28425				
2-1/2 x 1/16 x 1/4	30,560	25				662435 10640 FC			
2-1/2 x 1/16 x 3/8	30,560	25				662435 10641 FC			
3 x .035 x 1/4	25,465	25	662435 10668		662435 28573	662435 10627 FC			
	25,465	25*	662435 31753 5-Pk						
3 x .035 x 3/8	25,465	25	662435 10669	662528 43174	662435 28574	662435 10628 FC	662435 37271 LL	076607 89451	
	25,465	25*		662435 34821 5-Pk					
3 x 1/16 x 1/4	25,465	25	662435 10670		662435 28471	662435 10645 FC	662435 10649 LL		
3 x 1/16 x 3/8	25,465	25	662435 10671	662528 43175	662435 28552	662435 10647 FC	662435 10648 LL	662528 35553	
	25,465	25	662435 10835 LL						
	25,465	25*						076607 47767 5-Pk	
	25,465	100						076607 89012	
	25,465	10-Pk†						662528 43624	
								5 Whls & 1 Mandrel/ Pack	
3 x .125 x 1/4	25,465	25				662435 10650 FC			
3 x .125 x 3/8	25,465	25	662435 10673			662435 10651 FC	662435 10653 LL		
4 x .035 x 1/4	15,300	25			662435 29606				
	19,100	25				662435 10629 FC			
4 x .035 x 3/8	19,100	25	662435 10675	662528 43173	662435 29621	662435 10630 FC	662435 37273 LL	076607 89453	
4 x .035 x 1/2	19,100	25			662435 29622				
4 x .035 x 3/4	19,100	25			662435 29609				
4 x .040 x 3/8	19,100	25			662435 29516				
4 x 1/16 x 1/4	19,100	25	662435 10676			662435 10654 FC			
4 x 1/16 x 3/8	19,100	25	662435 10677	662528 43171		662435 10655 FC		662528 43848	
4 x 1/16 x 5/8	19,100	100			662435 27827				
					FabCut				
4 x .125 x 1/4	19,100	25				662435 10658 FC			
4 x .125 x 3/8	19,100	25	662435 10841	662528 43172		662435 10659 FC	662435 10661 LL		
	19,100	25	662435 10680 LL						

* 5-wheel Job Packs; wheels are packed 5 wheels/Pack, with 5 Job Packs/carton. Order per each wheel in standard package quantities of 25. Order in multiples of 25.
 † Order per number of pack, in multiples of 10 packs. Priced per pack.



Drill-Mount Mandrel

Used for mounting 2" and 3" x 3/8" hole cut-off wheels on to a drill

DESCRIPTION	STD. PKG.	PART #
Drill-Mount Mandrel	1	076607 47769



CUT-OFF WHEEL DESCRIPTION CODES

BLANK = All Purpose ALU = Aluminum FC = Fast Cut INOX/SS = Contaminant Free LL = Long Life 1-2-3 = Cutting/Notching/Grinding
 ■ = Masonry ■ = Stainless ■ = Steel / Metal

Small Diameter Reinforced Cut-off



TIER:	BEST	BEST	BEST	BETTER	GOOD	GOOD
TRADENAME:	QUANTUM3 RIGHTCUT	NORZON PLUS RIGHTCUT	DIALAST RIGHTCUT	BLUEFIRE RIGHTCUT	GEMINI RIGHTCUT	METAL RIGHTCUT
SHAPE:	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41
ABRASIVE:	Ceramic Alumina	Ceramic Alumina/ Zirconia Alumina	Diamond	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS
	STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #	PART #
.035", .040", .045", .050", 1/16, and 3/32" Type 01/41 – RightCut Cut-off								
4 x .040 x 5/8	15,280	25						076607 01616
4 x .045 x 5/8	15,280	25					662435 27956	
4 x 3/32 x 5/8	15,280	25					662435 27955	
4-1/2 x .035 x 7/8	13,580	25						662528 43846
4-1/2 x .040 x 7/8	13,580	25					662528 43225	076607 01617
	13,580	50						662533 70222
	13,580	250+						662528 40001
	13,580	25*						662528 42158 5-Pk
4-1/2 x .045 x 7/8	13,580	25	662528 38454				662528 23602	
	13,580	25					662528 41994 ALU	
	13,580	25					662528 41997 INOX/SS	
	13,580	250+					662528 41213	
	13,580	25*					662528 42160 5-Pk	
4-1/2 x .050 x 7/8	13,580	1			662533 70016			
4-1/2 x 1/16 x 7/8	13,580	25	662528 38455			662528 43208		662528 43845
	13,580	25*				662528 42159 5-Pk		
	13,580	250+				662533 71660		
4-1/2 x 3/32 x 7/8	13,580	25					662528 23599	
5 x .040 x 5/8	12,225	25						662528 43847
5 x .040 x 7/8	12,225	25					662528 43226	076607 01618
5 x .045 x 7/8	12,225	25	662528 38460				662528 23603	
	12,225	25					662528 41995 ALU	
	12,225	250+					662528 41214	
	12,225	25*					662528 42170 5-Pk	
5 x .050 x 7/8	12,225	25		662528 09829 NZ ThinCut				
	12,225	1			662533 70017			
5 x 1/16 x 7/8	12,225	25	662528 38462			662528 43209		
	12,225	25*				662528 42169 5-Pk		
5 x 3/32 x 7/8	12,225	25					662528 23600	
6 x .040 x 7/8	10,185	25						076607 02757
	10,185	50						662533 70223
	10,185	250+						662528 41212
6 x .045 x 7/8	10,185	25					662528 23604	
	10,185	25					662528 41996 ALU	
	10,185	25					662528 41999 INOX/SS	
	10,185	250+					662528 41215	
	10,185	25*				662528 42174 5-Pk	662528 42175 5-Pk	
6 x .050 x 7/8	10,185	1			662533 70018			
6 x 1/16 x 7/8	10,185	25	662528 38465			662528 43210		
	10,185	250+				662533 71662		
6 x 3/32 x 7/8	10,185	25					662528 23601	
7 x .045 x 7/8	8,600	25					662528 32323	
	8,600	20					662528 42000 INOX/SS	
7 x 1/16 x 7/8	8,600	25		662529 00652				
	8,600	1				701846 94055		
9 x .060 x 7/8	6,600	1				701846 94056		

RightCut wheels are to be used for cutting only

* 5-wheel Job Packs; wheels are packed 5 wheels/Pack, with 5 Job Packs/carton. Order per each wheel in standard package quantities of 25. Order in multiples of 25.

+ Bulk packed 250 Wheels/carton; 5 inner boxes of 50 wheels each. Order in multiples of 250 wheels.

CUT-OFF WHEEL DESCRIPTION CODES

BLANK = All Purpose	ALU = Aluminum	FC = Fast Cut	INOX/SS = Contaminant Free	LL = Long Life	1-2-3 = Cutting/Notching/Grinding
■ = Masonry	■ = Stainless	■ = Steel / Metal			

Small Diameter Reinforced Cut-off



TIER:	BEST	BEST	BETTER	GOOD	GOOD
TRADENAME:	QUANTUM3	NORZON PLUS	BLUEFIRE	GEMINI	METAL
SHAPE:	Type 27/42	Type 27/42	Type 27/42	Type 27/42	Type 27/42
ABRASIVE:	Ceramic Alumina	Ceramic Alumina/ Zirconia Alumina	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:		STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL	STAINLESS STEEL/METAL
				ALUMINUM	

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #
.040, .045, 1/16" – RightCut Cut-off – Type 27/42							
4 x .045 x 5/8	15,280	25				662528 42180	076607 05249
4-1/2 x .040 x 5/8-11	13,580	10				662528 43227	
4-1/2 x .045 x 5/8-11	13,580	10				662528 42025	
	13,580	10				662528 41913 INOX/SS	
4-1/2 x .045 x 7/8	13,580	25				662528 42026	662528 43604
	13,580	25				662528 41912 INOX/SS	
	13,580	25				662528 41909 ALU 36	
	13,580	25*				662528 42161 5-Pk	
	13,580	250				662533 70065 250-Pk	
4-1/2 x 1/16 x 5/8-11	13,580	10	662528 38457		662528 43223		
4-1/2 x 1/16 x 7/8	13,580	10			662528 43219		
	13,580	25	662528 38456				
5 x .040 x 5/8-11	12,225	10				662528 43228	
5 x .045 x 5/8-11	12,225	10				662528 41939	
5 x .045 x 7/8	12,225	25				662528 42036	662528 43849
	12,225	25				662528 41914 INOX/SS	
	12,225	25				662528 41910 ALU 36	
	12,225	25*				662528 42171 5-Pk	
	12,225	250				662533 70066 250-Pk	
5 x 1/16 x 7/8	12,225	25	662528 38464		662528 43220		
6 x .045 x 5/8-11	10,185	10		662528 42007		662528 30587	
6 x .045 x 7/8	10,185	25				662528 42202	662528 42015
	10,185	25				662528 41916 INOX/SS	
	10,185	25				662528 41911 ALU 36	
	10,185	25*				662528 42176 5-Pk	
	10,185	250				662533 70067 250-Pk	
6 x 1/16 x 7/8	10,185	25	662528 38466		662528 43221		
7 x .045 x 5/8-11	8,600	10				662528 41919 INOX/SS	
7 x .045 x 7/8	8,600	20				662529 12626	
	8,600	20				662528 41918 INOX/SS	
7 x 1/16 x 7/8	8,600	10					076607 05251
9 x 1/16 x 5/8-11	6,600	10				662530 19115	
9 x 1/16 x 7/8	6,600	10				662530 17734	
<i>RightCut wheels are to be used for cutting only.</i>							
3/32", .125" – Cut-off – Type 27/42							
4 x .125 x 3/8	15,280	25		662528 42001			
4-1/2 x 3/32 x 5/8-11	13,580	10				662528 41903	
	13,580	10				662528 42027 INOX/SS	
4-1/2 x 3/32 x 7/8	13,580	25				662528 41940	
	13,580	25				662528 42028 INOX/SS	
	13,580	25				662528 43582 1-2-3	
4-1/2 x .125 x 5/8-11	13,580	10	662528 43321			662528 43588	
4-1/2 x .125 x 7/8	13,580	25	662528 43322			662528 43589	
5 x 3/32 x 5/8-11	12,225	10				662528 41904	
5 x 3/32 x 7/8	12,225	25				662528 42037 INOX/SS	
	12,225	25				662528 43587 LL	
5 x .125 x 7/8	12,225	25				662528 43595	
6 x 3/32 x 5/8-11	10,185	10				662528 41905	
6 x 3/32 x 7/8	10,185	25				662528 41906	
	10,185	25				662528 32487 INOX/SS	
6 x .125 x 5/8-11	10,185	10				662528 41192	
6 x .125 x 7/8	10,185	25				662528 42021	
7 x 3/32 x 5/8-11	8,600	10				662528 41907	
7 x 3/32 x 7/8	8,600	20				662528 41908	
	8,600	20				662529 14638 INOX/SS	
7 x .125 x 5/8-11	8,600	10		662529 12625			
7 x .125 x 7/8	8,600	20		662529 12624		662529 00619	
9 x 3/32 x 5/8-11	6,600	10			662528 42378		
9 x 3/32 x 7/8	6,600	20			662528 42343		

*These wheels are to be used for cutting only. * 5-wheel Job Packs; wheels are packed 5 wheels/Pack, with 5 Job Packs/carton. Order per each wheel in standard package quantities of 25. Order in multiples of 25.*

Circular Saw Reinforced Cut-off

A circular saw uses an abrasive wheel to cut different materials using a rotary motion spinning around an arbor. Norton Circular Saw abrasive cut-off wheels are ideal for use in deburring, cleaning, slotting and cutting all types of metal and masonry.

Applications:

Deburring, cleaning, slotting and cutting

Size Range:

6" - 9" diameter

Thickness Range:

.035", .060", 1/16", 1/8", and .125"

Abrasive Grain:

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

Shape:

Type 01/41 Straight

Machine Used:



CIRCULAR SAW



TIER:	BEST	BETTER	GOOD	GOOD	GOOD
TRADENAME:	DIALAST	CHARGER	GEMINI	METAL	MASONRY
SHAPE:	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41
ABRASIVE:	Diamond	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Silicon Carbide
MATERIAL:	STAINLESS	STEEL/METAL	STEEL/METAL	STEEL/METAL	MASONRY

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #
Type 01/41 – Circular Saw							
6 x .035 x 5/8	10,185	25			662528 09714		
6 x 1/16 x 5/8	10,185	25			662528 09718		
6-1/2 x .125 x DM-5/8	9,405	10				076607 89098	076607 89089
7 x 1/16 x 5/8	8,730	25			662529 05957		
7 x .060 x 7/8	8,600	1	701846 94055				
7 x 1/8 x DM-5/8	8,730	25				076607 89097	076607 89088
8 x 1/16 x 5/8	7,640	25		662530 17771 LL	662530 07025		
	7,640	10			662530 17795		
8 x 1/8 x DM-5/8	7,640	10				076607 89096	076607 89086
9 x .060 x 7/8	6,600	1	701846 94056				



DM Denotes Diamond Mount; 5/8" hole bushings included

CUT-OFF WHEEL DESCRIPTION CODES

BLANK = All Purpose FC = Free Cut LL = Long Life ■ = Masonry ■ = Stainless ■ = Steel / Metal

Chop Saw Reinforced Cut-off



TIER:	BEST	BETTER	BETTER	GOOD	GOOD	GOOD	GOOD
TRADENAME:	DIALAST	BLUEFIRE	BLUEFIRE	GEMINI	GEMINI	METAL	METAL
SHAPE:	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41
ABRASIVE:	Diamond	Zirconia Alumina/ Aluminum Oxide	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
REINFORCING:		Side	Central	Side	Central	Side	Central
MATERIAL:	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS
		STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #	PART #	
Type 01/41 Straight Cut-off									
10 x 7/64 x 1	6,110	10				662531	06109 LL		
12 x 7/64 x 1	5,095	10		662528	43250		662532	07554 LL	662532
	5,095	5							076607
14 x 3/32 x 1	4,365	10				662533	06627 FC	662533	13588 RC
	4,365	10					662533	06626 LL	662528
									35554
									076607
									89405
									STUD
	4,365	5 V							076607
14 x 7/64 x 1	4,365	10		662528	43252 FC	662528	43254 RC	662533	14816 ALU
	4,365	10		662528	43253 LL				
	4,365	25							076607
									03970 5-Pk
14 x .155 x 1	5,400	1	701846	94053					
16 x 7/64 x 1	3,820	10		662528	43256 FC		662534	10198 LL	
	3,820	10		662528	43257 LL				



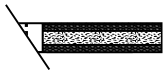
V Vendible 2-wheel Package. Ideal for vending machings and small jobs. 5 packs/carton. Order in multiples of 10.

CUT-OFF WHEEL DESCRIPTION CODES					
BLANK = All Purpose	ALU = Aluminum	FC = Free Cut	LL = Long Life	RC = Rapid Cut	STUD = Stud Cutter
■ = Masonry	■ = Stainless	■ = Steel / Metal			

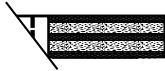


High-Speed Reinforced Cut-off

How to Pick the Right Reinforcement



Two full layers of reinforcing are offered for lower power machines, and light-to-medium applications where speed of cut is the primary selection criterion.



Three full layers of reinforcing are recommended for high-speed, high-power machines where the application is heavy-duty, and durability is the primary selection criterion.



TIER:	GOOD	GOOD	GOOD	GOOD
TRADENAME:	GEMINI METAL HD	GEMINI METAL	GEMINI METAL DECKING	GEMINI RESCUE
SHAPE:	Type 01/41	Type 01/41	Type 01/41	Type 01/41
ABRASIVE:	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Silicon Carbide/ Aluminum Oxide Blend
REINFORCING:	3 Layers	2 Layers	2 Layers	2 Layers
MATERIAL:				

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #
Type 01/41 Cut-off – for Gas & Electric-Powered Saws						
12 x 1/8 x 1" / 20mm	6,300	10	662528 36708	662528 37838		
14 x 1/8 x 1" / 20mm	5,400	10	662528 35386	662528 37841		662435 78262
14 x 5/32 x 1" / 20mm	5,400	10			662528 32521	
16 x 1/8 x 1" / 20mm	4,800	10		662528 30886		

See additional Rail Cut wheels on the next page for larger-volume jobs.



TIER:	GOOD	GOOD	GOOD	GOOD	GOOD
TRADENAME:	GEMINI DUCTILE HD	GEMINI DUCTILE	GEMINI CONCRETE HD	GEMINI CONCRETE	GEMINI ASPHALT
SHAPE:	Type 01/41	Type 01/41	Type 01/41	Type 01/41	Type 01/41
ABRASIVE:	Silicon Carbide / Aluminum Oxide Blend	Silicon Carbide / Aluminum Oxide Blend	Silicon Carbide	Silicon Carbide	Silicon Carbide
REINFORCING:	3 Layers	2 Layers	3 Layers	2 Layers	2 Layers
MATERIAL:					

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #
Type 01/41 Cut-off – for Gas & Electric-Powered Saws							
12 x 1/8 x 1" / 20mm	6,300	10		662528 37840		662528 37839	701846 70243
14 x 1/8 x 1" / 20mm	5,400	10	662528 35388	662528 37843	662528 35387	662528 37842	701846 72877
16 x 1/8 x 1" / 20mm	4,800	10				701846 23029	



Universal Arbor

Two Blade Sizes in One

Our Norton patented 1"/20mm knock-out arbor fits all gas and electric high-speed saws. A 20mm bushing is pre-mounted into the 1" molded arbor hole. The wheel, with the 20mm bushing, can be mounted directly on any 20mm arbor high-speed saw. With the bushing removed, exposing the 1" arbor hole, the wheel can be mounted on any 1" arbor high-speed saw. Combining this arbor, with heavy-duty triple reinforcing results in a higher performing, extra strong, longer lasting cutting wheel. Once the 20mm bushing is removed, it cannot be replaced.

Walk-Behind Reinforced Cut-off



These powerful, self-propelled machines are designed to cut concrete slabs and asphalt and are normally fitted with diamond blades. For inexperienced operators or small jobs, the machines can accommodate these low initial cost, conventional abrasives wheels.

- Applications:** Cutting straight sections of concrete surfaces
- Size Range:** 14" and 18" diameter
- Thickness Range:** 3/16" – 3/8"
- Abrasive Grain:** Silicon Carbide
- Bond:** Hot Pressed (HP) – for higher-horsepower machine applications where additional durability is needed, may be used wet or dry
Cold Pressed (CP) – for lower-horsepower machines, which need a free-cutting wheel
- Shape:** Type 01/41 Straight
- Arbor:** All are 1" with a drive pin
- Machine Used:**



FLAT SAW /
WALK-BEHIND SAW

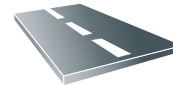
Cross Reference Guide

NORTON	SPECIALTY		
	BETTER	GOOD	GOOD
	Gemini Asphalt / Green Concrete – HP	Gemini Asphalt - CP	Gemini Concrete - CP
Abmast	—	C 16 T. Kompetitor Asphalt/Concrete	C 24 R
Bullard Blaze & Road Warrior	—	C16R & T, C16R3	—
Camel	—	C16-U	C24-R
Flexovit	HPC16AG	C16 G.P. C16UB	C20SB/C16TB
Husqvarna	Red GC-7A	Black EWC	Gold RTC, Blue RTC, Blue EWC
Pearl	—	—	Premium C36S, Silver Line C24R
Pferd	—	C 24 R SG ASP	C 24 R SG GP
Sait	Street Runner	C16	C24R, Street Walker
Tyrolit	Concrete/Asphalt CHP	Asphalt CP	Concrete CP
Virginia Abrasives	—	GC/Asphalt	Concrete
Walter	—	—	C-24



TIER:	BETTER	GOOD	GOOD
TRADENAME:	GEMINI ASPHALT - HP	GEMINI ASPHALT - CP	GEMINI CONCRETE - CP
SHAPE:	Type 01/41	Type 01/41	Type 01/41
ABRASIVE:	Silicon Carbide	Silicon Carbide	Silicon Carbide
BOND:	Hot Pressed - Long Life	Cold Pressed - Free Cut	Cold Pressed - Free Cut

MATERIAL:



SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #
Type 01/41 Cut-off – For Walk-Behind Saws					
14 x 3/16 x 1 Pin Hole	4,365	10		701846 80324	701846 80323
14 x 1/4 x 1 Pin Hole	4,365	5			701846 70533
18 x 1/4 x 1 Pin Hole	4,250	5	701846 70103		

For higher-production applications, optimum speed of cut and product life, please see our diamond blade product offering for walk-behind saws in the Construction Product section of this catalog and the complete offering in our Diamond, Abrasives and Equipment for the Construction Market Catalog #7719 found on www.nortonabrasives.com.

Stationary Saw Reinforced Cut-off



The Norton stationary saw reinforced cut-off wheel line consists of Type 01/41 straight 10" - 24" wheels, designed to fit on fixed-base stationary saws that are free-standing or mounted on a workbench.

Applications:

Primary applications are cutting of all metal parts (flat stock, bars, studs, pipes, tubes, angle iron, cable), wire rope and hydraulic hose used in fabrication, construction and plant maintenance.

Size Range:

10" - 20" diameter

Thickness Range:

3/32", 1/8", 5/32", 3/16"

Abrasive Grain:

Zirconia Alumina / Aluminium Oxide Blend, Aluminum Oxide, Silicon Carbide

Shape:

Type 01/41 Straight

Machine Used:



STATIONARY SAW

Cross Reference Guide

NORTON	TOTAL PERFORMANCE				INITIAL PRICE	SPECIALITY
	BETTER	GOOD	GOOD	GOOD		
	BlueFire	Gemini Free Cut	Gemini Long Life	Gemini Rapid Cut*	Norton Masonry	Foundry Cut**
Abmast	Z 24 R3	A 30 R	—	—	—	AC 24 R3
Brilliant	—	GP Fast Cut	GPX Long Life	XL , XLX	—	—
Bullard	—	A30-R	A30-T	A300	C20R	—
Camel	ZA24-R	A24-R, A46-T	—	—	C24-R	WA24-S
Flexovit	—	A30RB Multi Purpose	A30SB Long Life, A24TB Long Life	—	C24RB	AC24PB Heavy Duty
Metabo	—	A30N, A30R	A30S, A30V	—	C30S	—
Pearl	SRT36	A30P Premium, A30Q Silver Line	A30S Premium, A36R Premium	—	C24 Silver Line	—
Pferd	ZA 24 Q/R SG-HD	A 24 N/P SG-HD	A 24 Q/S SG-HD	—	C 24 0 SG	—
Sait	—	A24N, A36R	A24R	—	C24R	—
Tyrolit	—	A30BF	—	—	C30BF	—
Walter	—	A-24-FC	A-24-RIP	—	—	—

* For Burr-Free applications, please see centrally-reinforced BlueFire Rapid Cut and Gemini Rapid Cut wheels in Chop Saw cut-off wheel section or at www.nortonabrasives.com

** For Foundry and other cut-off wheels, please refer to that section of this Norton Full Line Catalog #7362 or at www.nortonabrasives.com



SIZE (D x T x H)	MAX. RPM	STD. PKG.	TIER: BETTER	GOOD	GOOD	GOOD
			TRADENAME: BLUEFIRE	GEMINI FREE CUT	GEMINI LONG LIFE	MASONRY
			SHAPE: Type 01/41	Type 01/41	Type 01/41	Type 01/41
			ABRASIVE: Zirconia Alumina/Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Silicon Carbide
			MATERIAL: STAINLESS	STAINLESS	STAINLESS	MASONRY
			STEEL/METAL	STEEL/METAL	STEEL/METAL	
SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #
Type 01/41 Straight Cut-Off						
10 x 3/32 x 5/8	6,110	10	662528 43248	662531 06101 FC	662531 06102 LL	
	6,110	5				076607 89391
12 x 1/8 x 1	5,095	10	662528 43249		662532 07548 LL	
	5,095	5				
14 x 1/8 x 1	4,365	10	662528 43251	662533 06609 FC	662533 06611 LL	
	4,365	5				
16 x 5/32 x 1	3,820	10	662528 43255	662534 10183 FC	662534 10184 LL	
18 x 5/32 x 1	3,015	10		662534 10185 FC		
20 x 5/32 x 1	2,710	5	662528 43258 FC	690786 09031 FC	690786 09032 LL	
	2,710	5	662528 43259 LL			
20 x 3/16 x 1	2,710	5		690786 09033 FC	690786 09034 LL	

CUT-OFF WHEEL DESCRIPTION CODES

BLANK = All Purpose FC = Free Cut LL = Long Life ■ = Masonry ■ = Stainless ■ = Steel / Metal

Better choice for cutting tool steel on fixed-based machines when work is not securely clamped



TOOLROOM REINFORCED ALUMINUM OXIDE

- Tough, versatile aluminum oxide grain for toolroom cut-off applications
- Constructed with full diameter fiberglass reinforcement on each side of wheel, to provide greatest possible resistance to side pressure and bending
- OBNA2 full side reinforced, resin bond; yields maximum cut rate and minimum kerf loss; ideal when thin cut is desired
- B25N full side reinforced, resin bond; versatile; durable, free cutting; offer greatest stiffness

SIZE (D x T x H)	MAX. RPM	STD. PKG.	TIER: BETTER	PART #
			SPEC.	
Type O1/41 Straight Cut-off – Reinforced				
6 x .035 x 1/2	10,190	25	A60-OBNA2	662528 35053
6 x .035 x 1-1/4	10,190	25	A60-OBNA2	662528 35055
6 x .060 x 1/2	10,190	25	A60-OBNA2	662528 35164
6 x .060 x 1/2	10,190	25	57A364-TB25N	662528 22969
6 x .060 x 1-1/4	10,190	25	A60-OBNA2	662528 35165
7 x .035 x 1/2	8,730	25	A60-OBNA2	662529 38786
7 x .035 x 1-1/4	8,730	25	A60-OBNA2	662529 38788
7 x .060 x 1/2	8,730	25	A60-OBNA2	662529 38816
7 x .060 x 1-1/4	8,730	25	A60-OBNA2	662529 38796
7 x .060 x 1-1/4	8,730	25	57A364-TB25N	662529 22676

SIZE (D x T x H)	MAX. RPM	STD. PKG.	TIER: BETTER	PART #
			SPEC.	
Type O1/41 Straight Cut-off – Reinforced				
8 x .035 x 1/2	7,640	25	A60-OBNA2	662530 43014
8 x .035 x 1-1/4	7,640	25	A60-OBNA2	662530 42980
8 x .060 x 1/2	7,640	25	A60-OBNA2	662530 43009
8 x .060 x 1-1/4	7,640	25	A60-OBNA2	662530 42983
8 x .060 x 1-1/4	7,640	25	57A364-TB25N	662530 22705
10 x .060 x 5/8	6,110	25	A60-OBNA2	662531 49317
10 x .060 x 1-1/4	6,110	25	A60-OBNA2	662531 49186
12 x .060 x 1	5,095	10	A60-OBNA2	662532 61811
12 x .075 x 1	5,095	10	A60-OBNA2	662532 61910
12 x .075 x 1-1/4	5,095	10	A60-OBNA2	662532 61858

Better choice for cutting tool steel on fixed-based machines when the work is securely clamped



TOOLROOM NON-REINFORCED ALUMINUM OXIDE

- Tough, durable and versatile aluminum oxide grain for toolroom cut-off applications
- Non-reinforced, use on fixed-based machines where the work is securely clamped
- B bond (smooth sides); a mild acting resin bond for light cut-off applications
- B25 bond (smooth sides); a versatile, free-cutting, more durable resin bond; ideal for dry cutting metal in high production runs
- E7 bond (smooth sides); a shellac bond with very mild cutting action, recommended for highly critical applications where no burr, heat checks, or discoloration is permitted
- R30 bond (smooth sides); mild acting rubber bond primarily for wet, ultra-thin cutting

SIZE (D x T x H)	MAX. RPM	STD. PKG.	TIER: BETTER	PART #
			SPEC.	
Type O1/41 Straight Cut-off – Non-Reinforced				
6 x .015 x 1-1/4	6,370	25	57A90-ROR30	662528 22953
6 x .020 x 1-1/4	6,370	25	57A90-ROR30	662528 22954
6 x .035 x 1-1/4	6,370	25	57A60-M8B	662528 22958
6 x .060 x 1/2	7,640	25	57A541-RB25	662528 22970
6 x .060 x 1-1/4	7,640	25	57A60-M8B	662528 22975
7 x .035 x 1-1/4	5,460	25	57A60-M8B	662529 22983
	5,460	25	57A60-Q8B	662529 22986
	5,460	25	57A60-Q8B	662529 22987
7 x .035 x 1-1/4	5,460	25	57A601-PB25	662529 22988
	5,460	25	57A601-RB25	662529 22989
7 x .035 x 1-1/4	5,185	25	57A60-OE7	662529 22985
7 x .035 x 1-1/4	5,460	25	23A601-PB25	662529 38701
7 x .050 x 1-1/4	5,460	25	23A601-PB25	662529 38724*
7 x .060 x 1/2	6,550	25	57A60-Q8B	662529 22672

*Exception: rough sides

SIZE (D x T x H)	MAX. RPM	STD. PKG.	TIER: BETTER	PART #
			SPEC.	
Type O1/41 Straight Cut-off – Non-Reinforced				
7 x .060 x 1-1/4	6,550	25	57A46-M8B	662529 22677
	6,550	25	57A60-M8B	662529 22681
	6,550	25	57A60-Q8B	662529 22684
	5,185	25	57A60-OE7	662529 22683
7 x .090 x 1-1/4	6,550	25	57A60-M8B	662529 22690
7 x .125 x 1-1/4	6,550	25	57A60-M8B	662529 22692
8 x .035 x 1-1/4	4,775	25	57A60-N8B	662530 22694
8 x .060 x 1/2	5,730	25	57A60-M8B	662530 22702
8 x .060 x 1-1/4	5,730	25	57A60-M8B	662530 22708
8 x .060 x 1-1/4	4,540	25	57A60-OE7	662530 22709
10 x .060 x 5/8	4,585	25	57A46-Q8BW	662531 22816
	4,585	25	57A60-M8BW	662531 22818
10 x .090 x 5/8	4,585	25	57A60-M8BW	662531 22824

Metallurgical Non-Reinforced Cut-off



The Norton metallurgical line of Type 01/41 straight cut-off wheels was developed specifically for sectioning off metal samples; burr-free cutting, minimal burn and distortion.

Applications:

Designed specifically for cutting off metal samples ranging from mild steel to super alloys on fixed-based machinery by scientists, engineers, and lab technicians.

Size range:

9" – 13.75" diameter

Cross Reference Guide

SIZE	MATERIAL CUT	NORTON		BUEHLER		LECO		STRUERS	
		SPEC.	PART #	METABRASE PART #	BUEHLERMET II PART #	PART #	PART #	PART #	AXITOM/-5 PART #
9 x .063 x 1-1/4 (229mm x 1.6mm x 32mm)	Very Hard Steels (Rc 55 - 68)	ML-109	662531 17874	10-4110-010					60A24*
	Medium Steels (Rc 30 - 40)	ML-309	662531 17877	10-4116-010	10-5112-010	811-043-010			40A24*
	Soft Steels (Rc 20 - 30)	ML-409	662531 17828	10-4120-010	10-5116-010	811-049-010			30A24*
10 x .063 x 1-1/4 (254mm x 1.6mm x 32mm)	Very Hard Steels (Rc 55 - 68)	ML-110	662531 17879	10-4210-010		808-673	812-231		60A25•
	Hard Steels (Rc 40 - 55)	ML-210	662531 17880	10-4212-010	10-5210-010	811-059-010	810-310-010		54A25•
	Medium Steels (Rc 30 - 40)	ML-310	662531 17881	10-4216-010	10-5212-010	811-067-010	810-310-010		40A25•
12 x .078 x 1-1/4 (305mm x 2.0mm x 32mm)	Soft Steels (Rc 20 - 30)	ML-410	662531 17830	10-4220-010	10-5216-010	811-073-010			30A25•
	Very Hard Steels (Rc 55 - 68)	ML-112	662533 22151	10-4410-010		808-674	811-065-010		60A30†
	Hard Steels (Rc 40 - 55)	ML-212	662533 22152	10-4412-010	10-5410-010	811-081-010	810-311-010		50A30†
13.75 x .098 x 1-1/4 (350mm x 2.5mm x 32mm)	Very Hard Steels (Rc 55 - 68)	ML-114	662533 22863	10-4310-010		808-675	812-232		60A35▲ 50A35
	Hard Steels (Rc 40 - 55)	ML-214	662533 22156	10-4312-010	10-5310-010	809-346	811-977-010		50A35▲ 40A35

*Discotom/Labotom • Discotom-5/-6/Labotom-3 †Unitom/Discotom-50/-60/-65 ▲ Exotom/Unitom-2/-5/-50



Best choice for wet use when you want burn-free cuts and ultra-clean samples

METLAB 38A ALUMINUM OXIDE

- Quality aluminum oxide abrasive wheel designed specifically for burr-free cutting of soft carbon steels, tool steels, super alloys for microscopic metal analysis
- Superior bond system generates pure cuts for sectioning off samples while minimizing wheel wear and odor
- Designed to work on Buehler®, LECO® and Struers® machinery

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PRODUCT #	APPLICATION	TIER: BEST
					PART #
Type 01/41 Straight Cut-off – Non-Reinforced					
9 x .063 x 1-1/4 (229mm x 1.6mm x 32mm)	4,025	10	ML-109	Very Hard Steels (Rc 55 - 68)	662531 17874
	4,025	10	ML-309	Medium Steels (Rc 30 - 40)	662531 17877
	5,085	10	ML-409	Soft Steels (Rc 20 - 30)	662531 17828
10 x .063 x 1-1/4 (254mm x 1.6mm x 32mm)	3,500	10	ML-110	Very Hard Steels (Rc 55 - 68)	662531 17879
	3,500	10	ML-210	Hard Steels (Rc 40 - 55)	662531 17880
	3,500	10	ML-310	Medium Steels (Rc 30 - 40)	662531 17881
12 x .078 x 1-1/4 (305mm x 2.0mm x 32mm)	4,585	10	ML-410	Soft Steels (Rc 20 - 30)	662531 17830
	3,820	10	ML-112	Very Hard Steels (Rc 55 - 68)	662533 22151
	3,820	10	ML-212	Hard Steels (Rc 40 - 55)	662533 22152
13.75 x .098 x 1-1/4 (350mm x 2.5mm x 32mm)	2,770	10	ML-114	Very Hard Steels (Rc 55 - 68)	662533 22863
	2,770	10	ML-214	Hard Steels (Rc 40 - 55)	662533 22156

SIZE (D x T x H)	MAX. RPM	STD. PKG.	TIER: BETTER	PART #
			SPEC.	
Type 01/41 Straight Cut-off – Non-Reinforced				
10 x 1/16 x 1-1/4	4,585	5	88A901-HB82 Metlab	662531 49449
12 x 1/16 x 1-1/4	3,820	5	88A901-HB82 Metlab	662532 62172



The Norton RailCut line is designed for high-speed fixtured hydraulic or gas-powered rail saws.

- Applications:** Fixed rail track cutting
- Size range:** 14" and 16" diameter
- Thickness range:** 1/8"
- Grit range:** 14 – 16
- Abrasive grain:** Zirconia Alumina / Aluminum Oxide Blend, Zirconia Alumina, and Aluminum Oxide
- Shape:** Type 01/41 Straight
- Reinforcement:** Side reinforced with R (rough) sides
- Speed rating:** All wheels are rated for 20,000 SFPM applications
- Machines Used:**



FIXTURED HYDRAULIC OR
GAS-POWERED RAIL SAW

Cross Reference Guide and Machine-to-Product Recommendation Guide

	BEST	BETTER	GOOD	GOOD
NORTON	RailCut X	RailCut NorZon III	RailCut A30X	RailCut Metal
Bullard Abrasive	Trackmaster Pro ZA24 Q-BF (Blue)	Trackmaster Pro ZA24 Q-BF (Blue)	Trackmaster A30 R-BF (Red)	—
DiaTool	—	—	—	RailMaster Rail Cut 27
Flexovit USA	—	—	A30-PB	—
Giesmar	AM303-R	AM303-R	NR242-Q	NR242-Q
Klingspor	A 24 SX Special	A 24 SX Special	—	—
Portaco	A30 R-BF	A30 R-BF	—	—
Racine Kwik Kut	A24R	A24R	—	—

	BEST	BETTER	GOOD	GOOD	GOOD
	RailCut X	RailCut NorZon III	RailCut NorZon III FastCut	RailCut A30X	RailCut Metal
HYDRAULIC SAW	◆	—	—	◆	◆
GAS SAW	—	—	—	—	—
High-Horsepower / Newer Machine	◆	◆	—	◆	◆
Low-Horsepower / Older Machine	◆	◆	◆	◆	◆



Best choice for high-performance cutting of rails on applications where the hydraulic or gas saw is fixtured and has adequate power

RAILCUT X ZIRCONIA ALUMINA / A/O BLEND

- Highest-performance zirconia alumina and engineered aluminum oxide abrasive blend expertly cuts a broad range of rail material
- Rough sides enable fastest cutting and longest lasting wheels
- Achieve highest productivity with lowest total abrasive costs



Good choice for price-sensitive jobs with lowest initial price

RAILCUT METAL ALUMINUM OXIDE

- Quality aluminum oxide abrasive wheels designed for jobs where low initial price is a key purchasing criterion
- Side reinforced with rough sides; rated for 20,000 SFPM applications
- Designed for multi-purpose use; great versatility on a variety of rail materials



	TIER: BEST	TIER: BETTER	TIER: BETTER	TIER: GOOD	TIER: GOOD
TRADENAME:	RAILCUT X	RAILCUT NORZON III	RAILCUT NORZON III FASTCUT	RAILCUT A30X	RAILCUT METAL
ABRASIVE:	Zirconia Alumina / Aluminum Oxide Blend	Zirconia Alumina	Zirconia Alumina	Aluminum Oxide	Aluminum Oxide
SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #
Type 01/41 Cut-Off					
14 x 1/8 x 1	5,400	10	662533 37716	662533 60493	662533 63694
16 x 1/8 x 1	4,800	10	662533 35024	662534 64607	662532 59935
				662532 60462	662434 82068
				662532 59935	662434 82066



Foundry cut-off wheels are designed with abrasives, bonds and reinforcement types specific to foundry machine parameters and materials. Most of the specifications are non-stock. This stock listing is designed to provide popular size and starting specifications.

- Size Range:** Reinforced: 14" – 30" diameter; Non-reinforced: 12" – 20" diameter
- Grit Range:** 24 – 46 grit
- Abrasive Grain:** Ceramic Alumina (Norton Quantum; non-stock only), Zirconia Alumina, Aluminum Oxide
- Reinforcement:** Reinforced: Engineered with strengthening fabric or filaments, which make wheels resistant to cross-bending breakage. All portable cut-off, swingframe, locked-head push-through and foundry chop stroke operations require reinforced cut-off wheels.
- B:** One or more full diameter pieces of filament molded inside each wheel. This construction leaves the abrasive exposed on the side of the wheel, improving freeness of cut. Used for fixed work operations with low probability of side pressure.
- N:** Full diameter pieces of reinforcement on the side of the wheel. Offers greatest possible resistance to side pressure and bending.
- Non-Reinforced:** Designed for use on fixed-base types of machines where the work is securely clamped and guarded, and where the wheel operates on a controlled cutting plane.
- W:** Reinforcement around the center hole only. These wheels are not considered to be truly reinforced.
- Side Patterns:** Smooth sides: Used for precision cutting applications
 Rough (R) sides: Abrasive particles protrude from sides of wheel
 Used wet or dry on most metals

Material-to-Product Recommendation Guide

	BEST	BETTER	GOOD	GOOD
	Foundry X Quantum*	Foundry X BlueFire	Foundry X	Foundry Metal
INVESTMENT CAST ALLOYS				
Stainless Steel	◆	◆	◆	◆
Titanium	◆	◆	◆	◆
CAST IRON				
	◆	◆	◆	◆
CAST STEEL				
Carbon and Low Alloy	◆	◆	◆	◆
Stainless Steel and High Alloy	◆	◆	◆	◆
Aluminum Alloy	◆	◆	◆	◆
Copper Alloys, Brass, Bronze	◆	◆	◆	◆

*Foundry X Quantum wheels are non-stock, custom-made to your requirements

Cross Reference Guide

	TOTAL PERFORMANCE		INITIAL PRICE	
	BEST	BETTER	GOOD	GOOD
NORTON	Foundry X Quantum and B97 (Non-stock; custom-made to your exact requirements)	Foundry X BlueFire	Foundry X	Foundry Metal
Allison	TA362 R6 8045HA, YW462 MR B2HA	TA302-T6-B6HA, A46-T6-BX5T6A, HF 1247 K – CHALLENGER	—	Economiser
Avery	—	TA30-V680	A 3226 C7A, C11922 W071	92871H
Buckeye	—	Steel Shark	—	—
DiaTool	BV1734R 710	BV 1397-5284-C	—	—
Flexovit	—	ZAX30TB	A24PB, A30RB	—
Klingspor	20A24-QBF	—	—	—
NATAB	—	—	T 1584 HA	—
Rappold	—	6Z30U-B3F2	—	—



Better choice on stainless steel, aerospace alloys, cast iron, and steel

FOUNDRY X BLUEFIRE REINFORCED

- Next generation self-sharpening zirconia alumina abrasive provides fast cuts on foundry cut-off applications
- Improved durability and heat resistance result in longer abrasive life
- More aggressive; can withstand very demanding applications



Good choice on general purpose applications

FOUNDRY X ALUMINUM OXIDE

- Durable, versatile aluminum oxide abrasive engineered for consistent performance and economical price on foundry cut-off applications
- Advanced bond technology with improved thermal stability and mechanical strength
- Excellent value on stainless steel and exotic aerospace alloys



Good choice for price-sensitive jobs with lowest initial price

FOUNDRY METAL ALUMINUM OXIDE

- Great versatility from multi-purpose aluminum oxide abrasive formulated specifically for typical foundry applications
- Bond and reinforcement engineered to foundry market machine parameters and materials
- Good choice for small jobs and quick applications where performance is not measured

Reinforced



TIER:	BETTER	GOOD	GOOD
TRADENAME:	FOUNDRY X BLUEFIRE	FOUNDRY X	FOUNDRY METAL
ABRASIVE:	Zirconia Alumina / Aluminum Oxide	Aluminum Oxide	Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	SPEC.	PART #	SPEC.	PART #	SPEC.	PART #
Type 01/41 Straight Cut-off – Foundry Reinforced								
14 x 1/8 x 1	4,365	10	NV24-TB75N	662533 47674	U57A30-TB75N	662533 45779	Side Reinforced	662434 85918
	4,365	10	NV24-VB75N	662531 79193	U57A30-VB75N	662531 79191		
	4,365	10	NV24-YB97N	662533 47698				
16 x 5/32 x 1	3,820	10	NV24-TB75N	662533 47676	U57A30-TB75N	662533 45781	Side Reinforced	662434 85919
	3,820	10	NV24-VB75N	662531 79147	U57A30-VB75N	662531 79148		
	3,820	10	NV24-YB97N	662533 47693				
20 x 5/32 x 1	2,710	10	NV24-TB75N	662533 47683	U57A30-TB75N	662533 47546	Side Reinforced	662434 85920
	2,710	10	NV24-VB75N	662531 79363	U57A30-VB75N	662531 79364		
	2,710	10	NV24-YB97N	662533 47694	U57A30-YB97N	662533 47701		
20 x 3/16 x 1	2,710	10	NV24-TB75B	662533 47684	U57A30-TB75B	662533 47547	Centrally Reinforced	662434 85921
	2,710	10	NV24-VB75B	662531 79366	U57A30-VB75B	662531 79367		
	2,710	10	NV24-YB97B	662533 47699	U57A30-YB97B	662533 47702		
24 x 7/32 x 1-3/4	2,260	10	NV24-TB75B	662533 47685				
	2,260	10	NV24-VB75B	662531 79374	U57A30-VB75B	662531 79375		
	2,260	10	NV24-YB97B	662533 47697				
30 x 1/4 x 1-3/4	1,810	10	NV24-TB75B	662533 47722	U57A30-TB75B	662533 47720		
	1,810	10	NV24-YB97B	662533 47723	U57A30-YB97B	662533 47721		

Specifications ending in "B" are centrally reinforced; specifications ending in "N" are side reinforced.

Non-Reinforced



TIER:	BETTER	GOOD
TRADENAME:	U57A	GEMINI
ABRASIVE:	Aluminum Oxide	Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	SPEC.	PART #	SPEC.	PART #
Type 01/41 Straight Cut-off – Foundry Non-Reinforced R-Sides						
12 x 3/32 x 1	5,095	10	U57A461-PB25	662532 61887		
16 x 1/8 x 1	3,820	10			AP	662534 22942
20 x 1/8 x 1	2,710	10	U57A304-VB25W	690786 65497		

Ask your Norton representative about our custom, made-to-order Norton Foundry X Quantum ceramic alumina wheels for high alloys, stainless steel, and aerospace applications.





CUT-OFF WHEEL DESCRIPTION CODES

AP = All Purpose

Where a good blend of cut rate and life is needed



TIER:	BEST	BETTER	GOOD	GOOD
TRADENAME:	NORZON PLUS	BLUEFIRE	GEMINI	METAL/MASONRY
SHAPE:	Type 01 and 11	Type 01, 06, and 11	Type 01 and 11	Type 11
ABRASIVE:	Premium Zirconia Alumina	Zirconia Alumina NV Zirconia Alumina/ Silicon Carbide NVC	Aluminum Oxide 57A, Silicon Carbide 37C, Aluminum Oxide/ Silicon Carbide 57AC	Metal – Aluminum Oxide Masonry – Silicon Carbide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	SPEC	PART #	SPEC	PART #	SPEC	PART #	SPEC	PART #
Type 01 Straight 										
2-1/2 x 1/2 x 3/8	21,700	20					57A24-R	662435 22381		
3 x 1/4 x 3/8	20,370	25			NV20-T	662533 43872*	57A24-T	662435 28831		
3 x 3/8 x 3/8	18,080	10					57A24-R	662435 22415		
3 x 1/2 x 3/8	18,080	10					57A24-P	662435 22417		
4 x 1/4 x 3/8	15,280	10			NV20-T	662533 44098	57A24-R	662435 22221		
6 x 1 x 5/8	8,000	5			NV14-R	662531 98589	57A16-QS	662528 09563		
S Webs	8,000	5			NZ III 14-Q	662528 38075				
	8,000	5			NZ III 14-R	662528 37961				
8 x 3/4 x 5/8	6,000	10			NV14-S	662533 44347				
S Webs										
8 x 1 x 5/8	6,000	5	NZ IV 16-Q	662530 30778	NV16-Q	662531 98590				
S Webs	6,000	5	NZ IV 16-Q	662530 44532						
	6,000	10			NV14-R	662533 44355				
	6,000	10			NV14-T	662533 44365				
	6,000	10			NVC16-Q	662531 98592				
Type 06 Straight Cup 										
6 x 2 x 5/8-11	6,000	5			NZ III 16-R	662528 38577				
Rim 2" Back 3/4"										
Type 11 Flaring Cup 										
4/3 x 2 x 5/8-11	9,070	10	NZ IV 16-Q	662435 30761	NV16-Q	662531 98583	57A16-Q	662435 10512	Masonry C16-Q	076607 89431
Rim 3/4" Back 3/4"										
5/3-3/4 x 2 x 5/8-11	7,260	5			NV16-Q	662531 46918	57A16-Q	662528 09598	Metal 16-Q	076607 89430
Rim 1" Back 3/4"	7,260	5			4NZ16-Q RB	690786 40233	57AC16-Q RB	690786 40234		
6/4-3/4 x 2 x 5/8-11	6,000	5			NV16-Q	662531 46925	57A16-Q	662528 25201		
Rim 1" Back 3/4"	6,000	5			NZ III 16-Q	662528 38568				
6/4-3/4 x 2 x 5/8-11	6,000	5	NZ IV 16-P	662528 30765	NV14-R	662533 44371	37C16-P	662528 09609		
Rim 1-1/2" Back 3/4"	6,000	5			NV16-Q	662531 98584	57A16-Q	662528 09618		
	6,000	5			NVC16-Q	662531 46922	57AC16-Q	662528 09608		
	6,000	5			4NZ16-Q RB	690786 40484	9CA16-Q RB Ti	690786 40488		
							57AC16-Q RB	690786 40485		
Type 11 Flaring Cup with Steel Back 										
4/3 x 2 x 5/8-11	9,070	10			NV16-Q	662531 46917				
Rim 3/4" Back 3/4"										
5/3-13/16 x 2 x 5/8-11	7,260	10			NV16-Q	662531 46920				
Rim 1" Back 3/4"										
6/4-13/16 x 2 x 5/8-11	6,000	5			NV14-R	662533 44373	57A16-Q	662528 09599		
Rim 1-1/2" Back 3/4"	6,000	5			NV16-Q	662531 98586	57AC16-Q	662528 09600		
	6,000	5			NVC16-Q	662531 46929	57AC16-Q RB	690786 40486		
	6,000	5			4NZ16-Q RB	690786 40487	9CA16-Q RB Ti	690786 40489		

* Std. Pkg. = 50

RB = Low odor bond. Note: Ti formulation optimized for grinding Titanium

TECH TIP

Norton BlueFire and Gemini Type 11 cup wheels now available in new RB low odor bond to help reduce odors associated with portable grinding when used in confined spaces.



TIER:	BEST	BEST	BETTER	GOOD	GOOD
TRADENAME:	BLAZEX F970	BLAZE F980	BLUEFIRE F826P	METAL F240	GEMINI F726
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina Blend	Aluminum Oxide	Aluminum Oxide
OTHER:		Supersize			

SIZE (D x H)	GRIT	STD. PKG.	PART #	PART #	PART #	PART #	STD. PKG.	PART #
4 x 5/8	24	25				055395 10595	10	666233 95000
	36	25				055395 10594	10	666233 95001
	50	25					10	666233 95002
	60	25				055395 10592		
	80						10	666233 95004
4-1/2 x 7/8	24	25		699573 98000	662611 38457	666233 53309	10	666233 95007
	36	25	699573 70193	699573 98001	662611 38456	666233 53306	10	666233 95008
	36	50 V			666233 77276			
	50	25	699573 70194	699573 98002	662611 38454	666233 53310	10	666233 95009
	60	25	699573 70195	699573 98003	662611 38453	666233 53311	10	666233 95010
	60	50 V			666233 77278			
	80	25	699573 70196	699573 98004	662611 38452	666233 53312	10	666233 95011
	80	50 V			666233 77279			
	100	25				666233 53313	10	666233 95012
	120	25		662544 25332		666233 53314	10	666233 95013
5 x 7/8	16	25				055395 10684		
	24	25		699573 98005	662611 38563	666233 57276	10	666233 95016
	36	25	699573 70197	699573 98006	662611 38562	666233 57277	10	666233 95017
	36	50 V			666233 77283			
	50	25	699573 70198	699573 98007	662611 38561	666233 57278	10	666233 95018
	60	25	699573 70199	699573 98008	662611 38601	666233 57279	10	666233 95019
	80	25	699573 70200	699573 98009	662611 38600	666233 57280	10	666233 95020
	100	25				666233 57281	10	666233 95021
6 x 7/8	120	25		662544 09084		666233 57282	10	666233 95022
	24	25		662611 60033				
	36	25		662611 60034				
	50	25		662611 60035				
	80	25		662611 60037				
7 x 7/8	16	25				055395 10693		
	24	25		699573 98010	662611 38594	666233 57283	10	666233 95029
	36	25	699573 70201	699573 98011	662611 38593	666233 57284	10	666233 95030
	36	50 V			666233 77287			
	50	25	699573 70202	699573 98012	662611 38592	666233 57285	10	666233 95031
	60	25	699573 70203	699573 98013	662611 38591	666233 57286	10	666233 95032
	80	25	699573 70204	699573 98014	662611 38590	666233 57287	10	666233 95033
	100	25				666233 57288	10	666233 95034
	120	25		662544 11528		666233 57289	10	666233 95035
	9-1/8 x 7/8	24	25		699573 98015	662611 38584	055395 10702	10
36		25		699573 98016	662611 38583	055395 10701	10	666233 95037
50		25		699573 98017	662611 38582		10	666233 95038
60		25				055395 10699	10	666233 95039
80							10	666233 95040
100							10	666233 95041
120							10	666233 95042

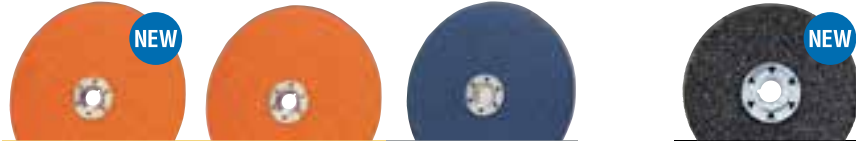
Note: Fiber discs must be used with back-up pads shown on the last page of this section.
V = Vendible Package. Ideal for vending machines and small jobs. 10 discs/package.



Learn the best way to mount a fiber disc on a right angle grinder at <https://nortonsga.us/5sdjv>

Speed-Change Fiber Discs

These fiber discs feature Norton quick, tool-free, twist-on and -off Speed-Change fasteners. Discs lock to standard back-up pads with a unique nut design and are easily removed, increasing your productivity with more time to grind.



TIER:	BEST	BEST	BETTER	GOOD
TRADENAME:	BLAZEX F970	BLAZE F980	BLUEFIRE F826P	GEMINI F726
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina Blend	Aluminum Oxide
OTHER:		Supersize		

SIZE (D x H)	GRIT	STD. PKG.	PART #	PART #	PART #	STD. PKG.	PART #
4-1/2 x 5/8-11	24	25		662610 23269		10	776960 09702
	36	25	699573 70205	662611 85294		10	776960 09703
	50	25	699573 70206			10	776960 09704
	60	25	699573 70207	662610 42247			
	80	25	699573 70208	666233 28529		10	776960 09715
5 x 5/8-11	24	25		662544 25336	662611 38797		
	36	25	699573 70209	662611 85801	662611 38796	10	666233 95014
	50	25	699573 70210				
	60	25	699573 70211	662611 85803		10	666233 95015
	80	25	699573 70212	666233 16697		10	776960 09728
7 x 5/8-11	24	25		699573 49782	662611 38819	10	666233 95023
	36	25	699573 70213	662610 29863	662611 38818	10	666233 95024
	50	25	699573 70214		662611 38817	10	666233 95025
	60	25	699573 70215	662610 42249	662611 38816		
	80	25	699573 70216	662544 74373		10	666233 95026
	100					10	666233 95027
	120					10	666233 95028

Note: Speed Change fiber discs must always be used with smooth face back-up pads, see next page for details.

Blaze Fiber Disc Test Kits NEW

- Each kit contains one box of 25 BlazeX F970 (36 grit) fiber discs and one box of 25 Blaze F980 (36 grit) fiber discs. Test them for yourself!



TIER:	BEST
TRADENAME:	BLAZEX F970 & BLAZE F980 TEST KITS
ABRASIVE:	Ceramic Alumina

SIZE	GRIT	STD. PKG.	PART #
4-1/2	36	1	776960 95018
5	36	1	776960 95019
7	36	1	776960 95020

AVOS Fiber Discs

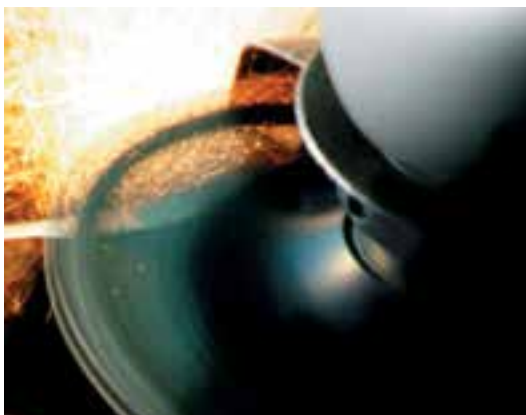
- Patented, see-through design allows interrupted cut which reduces heat up to 30% over standard discs
- The scooped holes create air flow to pull swarf away from grinding zone; cool cutting and extended product life
- 15° back-up pad for full utilization of discs – no gouging
- Quick, tool-free, twist-on and -off Speed-Lok fasteners



TIER:	BEST	BETTER
BRAND:	Norton	Norton
TRADENAME:	BLAZE F980	BLUEFIRE F826P
ABRASIVE:	Ceramic Alumina	Zirconia Alumina Blend

SIZE	GRIT	STD. PKG.	PART #	PART #
4-1/2 Speed-Lok (3 hole)	24	10	662544 68389	662611 29718
	36	10	662544 68390	662611 29719
	50	10	662544 68391	662611 29720
	60	10	662544 68392	662611 29721
	80	10	662544 68393	662611 29722
5 Speed-Lok (3 hole)	24	10	662544 68385	662611 26556
	36	10	662544 68386	662611 26557
	50	10	662544 68387	662611 26558
	60	10	662544 68388	662611 26559
7 Speed-Lok (6 hole)	24	10	662544 68381	662611 37454
	36	10	662544 68382	662611 37455
	50	10	662544 68383	662611 37456
	60	10	662544 68384	
	80	10		662611 37458

Note: AVOS fiber discs must be used with AVOS Speed-Lok back-up pads, see next page for details.



Fiber Disc Accessories



Fiber Disc Baling Unit

- Places 100 discs on a spindle between two plates
- Locks down with a pinch screw
- Maintains the shape of the discs by maintaining pressure to minimize curl
- User-friendly and reusable



Air-Cooled Standard Back-up Pad

Slotted hub design and curved ribs draw heat away from the grinding zone, reducing disc loading and increasing life. All pads have a 5/8"-11 threaded female hub for mounting. We also offer a no-nose pad for shorter-shafted right angle grinders.



Smooth Face Speed-Change Back-up Pad

Molded rubber back-up pads with a smooth face.

- Hard density pads are for aggressive cutting action
- Medium density pads are for all-purpose applications



AVOS Fiber Disc Back-up Pad

- Patented, see-through design allows interrupted cut which reduces heat up to 30% over standard discs
- The scooped holes create air flow to pull swarf away from grinding zone
- 15° back-up pad for full utilization of discs – no gouging
- Quick, tool-free, twist-on and -off Speed-Lok fasteners

DESCRIPTION	MAX. RPM	STD. PKG.	PART #
Fiber Disc Baling Unit			
5"	—	1	776960 01065
7"	—	1	776960 01066
Rubber Back-up Pads			
Air-Cooled Standard for 7/8 Hole Fiber and Non-Woven Discs			
4" Medium	12,000	5	636425 04918
4-1/2" Medium	11,000	5	636425 02122
5" Medium	10,000	5	636425 43421
7" Hard	8,600	5	636425 43425
7" Medium	8,600	5	636425 43422
9" Hard	6,600	5	636425 43426
9" Medium	6,600	5	636425 43423
<i>Note: Retainer nuts are not included with back-up pads. These must be ordered separately.</i>			
Air-Cooled No-Nose			
4-1/2" Medium	11,000	5	636425 04872
5" Medium	10,000	5	636425 03000
Smooth Face for Fiber and Non-Woven Speed-Change Discs			
4-1/2" Medium	20,000	5	662544 92277
5" Medium	12,000	5	636425 43235
7" Hard	8,600	5	636425 43240
7" Medium	8,600	5	636425 43245
7" Soft	8,600	5	636425 43250
9" Medium	7,000	5	636425 43270
AVOS Speed-Lok Back-up Pads			
AVOS Triangular Speed-Lok Back-up Pads			
4-1/2" x 5/8-11	13,000	5	636425 02985
5" x 3/8-24 Pistol Grip*	20,000	5	636425 03029
5" x 5/8-11	13,000	5	636425 02517
5" x 5/8-11 Thicker	13,000	5	636425 03663
5" x 7/16-20 Pistol Grip*	20,000	5	636425 03030
<i>*Use on air pneumatic and high-speed pistol grip sanders</i>			
AVOS Round Speed-Lok Back-up Pads			
7" x 5/8-11 Hard	8,600	5	636425 04873
Tools			
#103 Retainer Nut	—	10	636425 43463
Spanner Wrench	—	5	636425 43005
66NS Short Retainer Nut	—	10	636425 43461

All fiber disc back-up pads are packed in individual boxes within the shipping carton. Each box can be used in a vending machine.



Corner Store Convenience – Right on the Floor

Industry's best selection of vendible abrasive solutions

See the many popular products conveniently pre-packed in small quantity packages

- Perfect for vending machines, pegboards, new test orders, small orders and jobs, and carrying cleanly to job site
- Available in fiber, flap, paper, and quick-change discs, belts, hand pads, depressed center, cut-off and bench wheels, mounted points, cones and plugs, and sharpening stones



TIER:	BEST	BETTER	GOOD	GOOD	GOOD
TRADENAME:	BLAZE R980P	BLUEFIRE R884P	GEMINI R766	METAL R828	METAL R828
SHAPE:	Type 29 Conical	Type 29 Conical	Type 29 Conical	Type 29 Conical	Type 29 Conical
FLAP DENSITY:	Standard	Standard	Standard	Standard	High
ABRASIVE:	Ceramic Alumina	Zirconia Alumina Plus	Aluminum Oxide	Zirconia Alumina	Zirconia Alumina
BACKING PLATE:	Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass
OTHER:	Supersize				

SIZE (D x H)	GRIT	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #
Type 29 Conical								
4 x 5/8	36	15,300	10		666233 99049			
	40	15,300	10		666233 99050			
	60	15,300	10		666233 99051			
	80	15,300	10		666233 99052			
4-1/2 x 5/8-11	36	13,300	10	662611 83490	662544 61165	666233 99028	662544 19991	
	36	13,300	10 <i>V</i>		666233 41104 2-Pack			
	40	13,300	10	662611 83491	662544 61167	666233 99029	662544 19994	662611 32535
	60	13,300	10	662611 83492	662544 61170	666233 99030	662544 19996	662611 32536
	60	13,300	10 <i>V</i>		666233 41105 2-Pack			
	80	13,300	10	662611 83493	662544 61173	666233 99173	662544 19997	662611 32537
	80	13,300	10 <i>V</i>		666233 41106 2-Pack			
	120	13,300	10			666233 99174		
4-1/2 x 7/8	24	13,300	10		666233 99204			
	36	13,300	10	662611 83486	662544 61155	666233 99032	662544 19963	
	36	13,300	10 <i>V</i>		666233 41107 2-Pack			
	40	13,300	10	662611 83487	662544 61161	666233 99033	662544 19978	662611 32538
	60	13,300	10	662611 83488	662544 61163	666233 99034	662544 19984	662611 32539
	60	13,300	10 <i>V</i>		666233 41108 2-Pack			
	80	13,300	10	662611 83489	662544 61164	666233 99035	662544 19987	662611 32540
	80	13,300	10 <i>V</i>		666233 41109 2-Pack			
5 x 5/8-11	36	12,000	10		666233 99189			
	40	12,000	10		666233 99190			
	60	12,000	10		666233 99191			
	80	12,000	10		666233 99192	666233 99179		
	120	12,000	10			666233 99180		
5 x 7/8	24	12,000	10		666233 99206			
	36	12,000	10	662611 90001	662544 61174	666233 99036	662544 19998	
	40	12,000	10	662611 90002	662544 61176	666233 99037	662544 20001	
	60	12,000	10	662611 90003	662544 61177	666233 99038	662544 20002	
	80	12,000	10	662611 90004	662544 61178	666233 99039	662544 20003	
	120	12,000	10			666233 99181		
6 x 5/8-11	40	10,200	10		666233 99040		662544 91779	
	60	10,200	10		666233 99041		662544 91780	
	80	10,200	10		666233 99042		662544 91781	
6 x 7/8	24	10,200	10		666233 99066			
	36	10,200	10		666233 99298			
	40	10,200	10		666233 99193	666233 99182	662544 91776	
	60	10,200	10		666233 99194	666233 99183	662544 91777	
	80	10,200	10		666233 99195	666233 99184	662544 91778	
7 x 5/8-11	36	8,600	10	662611 83498	662544 61188	666233 99185	662544 20009	
	40	8,600	10	662611 83499	662544 61190	666233 99043	662544 20010	
	60	8,600	10	662611 83500	662544 61192	666233 99044	662544 20012	
	80	8,600	10	662611 83501	662544 61193	666233 99045	662544 20013	
	120	8,600	10			666233 99186		
7 x 7/8	24	8,600	10		666233 99196			
	36	8,600	10	662611 83494	662544 61180		662544 20004	
	40	8,600	10	662611 83495	662544 61183	666233 99046	662544 20006	
	60	8,600	10	662611 83496	662544 61185		662544 20007	
80	8,600	10	662611 83497	662544 61186				

V = Vendible package. 2 discs/pack; 5 packs/carton. Order in multiples of 10.

See Portable Tools and Specialties section for mini flap discs.