



Find more information on Wheel Materials and Specifications on page 2268.



Type 1 High Performance Cut-Off Wheels

• Ceramic and ceramic blend abrasives For ferrous metals, stainless steel, aluminum, aerospace alloys, and fiberglass.

Series	Dia.	Thickness	Arbor Hole Size	Max. RPM	Item No.
Norton					
For Ferrous Metal, Gray Iron, Stainless					
	3 in	0.035 in	¼ in	25,465	25T208
	3 in	0.035 in	⅜ in	25,465	25T209
	3 in	0.125 in	⅜ in	25,465	3WL22
NorZon Plus					
	3 in	0.0625 in	¼ in	25,465	25T210
	3 in	0.0625 in	⅜ in	25,465	1PYA8
	4 in	0.0625 in	⅜ in	19,100	3UP27
	4 in	0.035 in	⅜ in	19,100	3WL24
3M					
For All Metals, Aluminum, Carbon Steel, Cast Iron, Soft Metals, Stainless Steel					
	3 in	0.035 in	⅜ in	25,465	450Y17
	3 in	0.06 in	⅜ in	25,465	450Y18
	4 in	0.035 in	¼ in	19,100	450Y19
	4 in	0.035 in	⅜ in	19,100	450Y20
Silver					
	4 in	0.06 in	⅜ in	19,100	450Y21
	4 ½ in	0.4 in	⅜ in	13,300	450Y22
	4 ½ in	0.045 in	⅜ in	13,300	450Y23
	5 in	0.045 in	⅜ in	12,250	450Y25
	6 in	0.045 in	⅜ in	10,200	450Y34
	7 in	0.045 in	⅜ in	8,500	450Y36
For Cutting, Grinding, Metalworking					
Silver					
	4 in	0.125 in	⅜ in	19,100	480P44
	4 ½ in	0.094 in	⅜ in	13,300	480P45

Series	Dia.	Thickness	Arbor Hole Size	Max. RPM	Item No.
For Ferrous Metal, Stainless					
	3 in	0.035 in	¼ in	25,465	22NZ80
	3 in	0.035 in	⅜ in	25,465	22NZ81
	3 in	0.06 in	⅜ in	25,465	22NZ83
CUBITRON II					
	4 in	0.035 in	⅜ in	19,100	22NZ85
	4 in	0.06 in	⅜ in	19,100	22NZ87
	4 in	0.125 in	⅜ in	19,100	22NZ91
	6 in	0.045 in	⅜ in	10,200	22NZ94
Sait					
For Ferrous Metal, Stainless					
	3 in	0.0625 in	⅜ in	25,000	5LUC9
	3 in	0.0625 in	¼ in	25,000	5LUD0
Saitech					
Ultimate					
	3 in	0.035 in	⅜ in	25,000	5LUD1
Performance					
	3 in	0.035 in	¼ in	25,000	5LUD2
	4 in	0.0625 in	⅜ in	19,000	5LUD3
	4 in	0.035 in	⅜ in	19,000	5LUD4
	4 in	0.0625 in	⅜ in	19,000	5LUD5
	4 in	0.0625 in	¼ in	19,000	5LUD6
	4 in	0.035 in	⅜ in	19,000	5LUD7
Saitech					
	4 ½ in	0.035 in	¼ in	19,000	5LUD8
	4 ½ in	0.045 in	⅜ in	13,300	1ATZ7
	5 in	0.045 in	⅜ in	12,200	1ATZ8
	6 in	0.045 in	⅜ in	10,200	1ATZ9
	7 in	0.045 in	⅜ in	8,500	1AUA1



NorZon Plus
3UP27



Cubitron II
22NZ80



Saitech
5LUC9

Cut-Off Wheel Adapters

Use with cut-off wheels listed on this page and page 695, 2269 and wire brushes on pages 2279 and 2280.

Note: Operate according to ANSI and OSHA guidelines and do not exceed maximum rpm noted on wheel being used.

Screw-Type Wheel Mandrel Adapters—Machined from stressproof steel. Screw head is slotted for fast, easy change. Plated finish. 1F540 comes with screws to mount either ¼" or ⅜" holes.

Nut-Type Wheel Arbor Adapters—Use to mount all types of wheels (cut-offs, cloth buffs, wire wheels, etc.). Include arbor, hex nut, and a pair of machined steel washers. Plated finish.

Fits Hole (in.)	Max. Wheel Width (in.)	Shank Dia. (in.)	Washer O.D. (in.)	L (in.)	Item No.
Screw-Type Wheel Mandrel Adapters					
¼	¼	¼	¾	2 ½	1F544 *
⅜	¼	¼	¾	2 ½	1F542 *
¼ or ⅜	¼	¼	¾	2 ½	1F540 *
Nut-Type Wheel Arbor Adapters					
¼	¾	¼	1 in	2 ¾	1F452
⅜	¾	¼	1 in	2 ¾	1F450
½	¾	¼	1 ½	2 ¾	1F448

* Washer O.D. indicates diameter of screw and mandrel head (no washer).



Screw-Type



Nut-Type

Type 27 General Purpose Depressed Center Grinding and Cutting Wheels

• Aluminum oxide abrasive For cutting ferrous metals, stainless steel, and aluminum.

Series	Dia.	Thickness	Arbor Hole Size	Max. RPM	Item No.
Norton					
For Aluminum					
Gemini Aluminum	4 ½ in	0.25 in	⅝-11 in	13,580	4B174
For Aluminum, Ferrous Metal					
Gemini Aluminum	4 ½ in	0.125 in	⅞ in	13,580	25T263
Aluminum	7 in	0.25 in	⅝-11 in	8,600	25T298
For Aluminum, Ferrous Metal, Gray Iron, Pipeline, Stainless					
Gemini RightCut Aluminum	4 ½ in	0.045 in	⅞ in	13,580	33N343
For Aluminum, Ferrous Metal, Gray Iron, Stainless					
Gemini Aluminum	4 in	0.25 in	⅞ in	15,280	4B173
	5 in	0.25 in	⅞ in	12,225	25T268
	7 in	0.25 in	⅝-11 in	8,600	6A432
	9 in	0.25 in	⅝-11 in	6,600	6A433
Gemini Flexible	2 in	0.125 in	⅞ in	30,560	4DDY1
Gemini RightCut Aluminum	5 in	0.045 in	⅞ in	12,225	33N344
	6 in	0.045 in	⅞ in	10,185	33N345
For Contaminate Free, Ferrous Metal, Gray Iron, Stainless					
	4 ½ in	0.045 in	⅝-11 in	13,580	33N347
	4 ½ in	0.045 in	⅞ in	13,580	33N346
Gemini Right Cut	5 in	0.045 in	⅞ in	12,225	33N348
	7 in	0.045 in	⅞ in	8,600	33N352
	0.0938 in	⅝-11 in	13,580	25T260	
Gemini Stainless Steel	4 ½ in	0.0938 in	⅞ in	13,580	25T261
	0.25 in	⅞ in	13,580	25T265	
	0.0938 in	⅞ in	12,225	25T266	
	5 in	0.25 in	⅞ in	12,225	25T269
For Ferrous Metal, Gray Iron, Pipeline, Stainless					
Gemini	6 in	0.125 in	⅝-11 in	10,185	25T252



Series	Dia.	Thickness	Arbor Hole Size	Max. RPM	Item No.
	4 ½ in	0.0938 in	⅝-11 in	13,580	33N337
	5 in	0.0938 in	⅝-11 in	12,225	33N338
Gemini Right Cut					
	6 in	0.0938 in	⅝-11 in	10,185	33N339
	0.0938 in	⅞ in	10,185	33N340	
	7 in	0.0938 in	⅝-11 in	8,600	33N341
	0.0938 in	⅞ in	8,600	33N342	
For Ferrous Metal, Gray Iron, Stainless					
	3 in	0.25 in	⅞ in	18,000	4B168
	0.125 in	⅞ in	15,280	4B169	
	0.25 in	⅞ in	15,280	4B170	
	4 in	0.125 in	⅞ in	15,280	5A863
	0.25 in	⅞ in	15,280	6A624	
	0.25 in	⅝-11 in	13,580	4B171	
	4 ½ in	0.25 in	⅞ in	13,580	6A076
	0.125 in	⅞ in	13,580	25T284	
	5 in	0.25 in	⅝-11 in	12,225	25T286
	0.125 in	⅞ in	12,225	5A865	
	0.25 in	⅞ in	12,225	5A866	
	0.25 in	⅝-11 in	10,185	1PYC5	
	6 in	0.125 in	⅝-11 in	10,185	25T244
	0.125 in	⅞ in	10,185	1PYD4	
	0.25 in	⅞ in	10,185	1PYC8	
	7 in	0.125 in	⅝-11 in	8,600	5A872
	0.125 in	⅞ in	8,600	6P131	
	0.125 in	⅝-11 in	6,600	5A874	
	9 in	0.06 in	⅝-11 in	6,600	4RA81
	0.125 in	⅞ in	6,600	5A873	
Gemini 1-2-3					
	0.0938 in	⅞ in	13,500	25T277	
	4 ½ in	0.25 in	⅝-11 in	13,580	25T280
	0.25 in	⅞ in	13,580	25T279	
Gemini Fast Cut					
	7 in	0.25 in	⅝-11 in	8,600	25T297
	0.25 in	⅝-11 in	6,600	25UA07	
	9 in	0.25 in	⅞ in	6,600	25UA06



4B168

Series	Dia.	Thickness	Arbor Hole Size	Max. RPM	Item No.
Gemini Flexible					
	7 in	0.125 in	⅝-11 in	8,600	25T293
	5 in	0.0938 in	⅞ in	12,225	25T282
Gemini Long Life					
	7 in	0.25 in	⅝-11 in	8,600	6A077
	0.25 in	⅞ in	8,600	5A867	
	9 in	0.25 in	⅝-11 in	6,600	5A869
	0.25 in	⅞ in	6,600	5A868	

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