



Removing rust from a railing before painting.

### Abrasive Flap Discs for Angle Grinders

Vortec Pro® Coated Abrasive Flap Discs save both time and money! No need to switch from a Type 27 grinding wheel to a resin fiber disc because flap discs grind and finish in **one** step! This results in fewer changeovers and increased productivity.

**Applications:** Grinding and finishing metals in one step • Deburring and deflashing • Ideal for auto body repair, sharpening lawnmower blades, etc.



Display Pack

### Vortec Pro® Flap Discs - Phenolic Backing - Angled Style (Type 29)

Provides a high cut rate. Ideal for a working angle of 15-25°.



Diameter	Arbor Hole	Zirconium Grit Size	Max. RPM	Item Number	
				Display Pack	Boxed Quantity
4"	5/8"	36	15,000	30822	31337
		40		-	31338
		60		30825	31339
		80		30826	31340
		120		-	31341
4-1/2"	7/8"	24	13,000	-	31342
		36		30828	31343
		40		-	31344
		60		30831	31345
		80		30832	31346
		120		-	31347
4-1/2"	5/8"-11 Nut	24	13,000	-	31348
		36		-	31349
		40		-	31350
		60		-	31351
		80		-	31352
		120		-	31353
5"	7/8"	24	12,000	-	31354
		36		-	31355
		40		-	31356
		60		-	31357
		80		-	31358
		120		-	31359
7"	7/8"	24	8,600	-	31360
		36		30834	31361
		40		-	31362
		60		30837	31363
		80		30838	31364
		120		-	31365
7"	5/8"-11 Nut	24	8,600	-	31366
		36		-	31367
		40		-	31368
		60		-	31369
		80		-	31370
		120		-	31371

Patent # 6,945,863

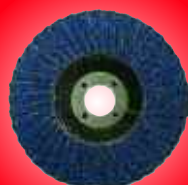
### Vortec Pro® Flap Discs - Aluminum Backing - Angled Style (Type 29)

Provides a high cut rate. Ideal for a working angle of 15-25°.



Diameter	Arbor Hole	Zirconium Grit Size	Max. RPM	Display Pack Item Number
4"	5/8"-11 Nut	36	15,000	30821
		60		30823
		80		30824
4-1/2"	5/8"-11 Nut	36	13,000	30827
		60		30829
		80		30830

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30822



31348



31363

# Abrasives

For the Professional/Contractor



**Vortec Pro® Flap Discs - Phenolic Backing - Flat Style (Type 27)**  
Provides smooth grinding action. Ideal for a working angle less than 15°.



Diameter	Arbor Hole	Zirconium Grit Size	Max. RPM	Boxed Quantity Item Number
4-1/2"	7/8"	36	13,000	31401
		40		31402
		60		31403
		80		31404
4-1/2"	5/8"-11 Nut	36	13,000	31407
		40		31408
		60		31409
		80		31410
7"	7/8"	36	8,600	31413
		40		31414
		60		31415
		80		31416
7"	5/8"-11 Nut	36	8,600	31419
		40		31420
		60		31421
		80		31422

Patent # 6,945,863

**Vortec Pro® High Density Flap Discs - Phenolic Backing - Flat Style (Type 27)**  
A thicker disc with larger flaps for increased conformability & smooth grinding. Ideal for a working angle less than 15°.



Diameter	Arbor Hole	Zirconium Grit Size	Max. RPM	Boxed Qty. Item Number
4-1/2"	7/8"	40	12,000	31387
		60		31388
		80		31389
4-1/2"	5/8"-11	40	12,000	31390
		60		31391
		80		31392

Patent # 6,945,863

## Blending and Surface Conditioning Discs for Drills, Die Grinders and Air Tools

**Applications:** Blending or finishing metal surfaces • Light deburring • Removing surface corrosion

### Blending & Surface Conditioning Disc 3-Pack - Button Style.

Diameter	Grit Size	Display Pack Item Number
<b>Blending Discs</b>		
3"	Coarse	36904
	Medium	36905
	Fine	36906
<b>Surface Conditioning Discs</b>		
3"	Coarse	36901
	Medium	36902
	Fine	36903



### Button Style Back-up Pad - 1/4" Stem.

Diameter	Max. RPM	Display Pack Item Number
3"	20,000	36907

### Resin Fiber Disc Accessories



Description	Arbor Hole	Max. RPM	Boxed Qty. Item Number
4-1/2" Back-up Pad	5/8"-11	13,200	30886
7" Back-up Pad	5/8"-11	8,550	30887
Adjustable Spanner Wrench	-	-	30879
Disc Nut	5/8"-11	-	30882
Disc Nut	M10 x 1.50	-	30883
Disc Nut	M10 x 1.25	-	30884



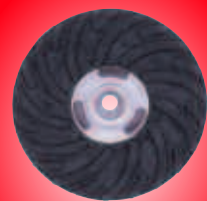
Blending surface imperfections with a blending disc prior to painting.



31390



36907



30887



30882

30881



Cutting a piece of rebar to length.

### Cutting & Grinding Wheels for Angle Grinders, Die Grinders, Air Tools and Saws

The Vortec Pro bonded abrasive line is specifically designed for general purpose grinding and cutting applications on steel, iron and other ferrous metals. All product is resin-bond formulated for aggressive stock removal and fast cutting, and are reinforced with fiberglass webbing for stability.

**Applications:** Weld Removal • Rough Grinding • Cutting and parting • Notching

#### Type 27 Thin Cutting Wheels - Fast, burr-free cutting & grinding of various metals.



Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
4-1/2"	.045"	7/8"	A60S	13,300	56393
5"	.045"	7/8"	A60S	12,200	56392
6"	.045"	7/8"	A60S	10,200	56283
7"	.060"	7/8"	A60S	8,500	56391



56393

#### Type 27 Cutting Wheels - For root pass grinding, light grinding and cutting.



Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
4"	3/32"	5/8"	A24R	19,000	56474
4-1/2"	3/32"	5/8"-11 7/8"	A24R	13,300	56385 56475
5"	3/32"	5/8"-11 7/8"	A24R	12,200	56384 56476
6"	3/32"	5/8"-11 7/8"	A24R	10,200	56278 56277
7"	3/32"	5/8"-11 7/8"	A24R	8,500	56477 56383



56429

#### Type 27 - Pipeline - Cutting & Light Grinding Wheels - Rough grinding applications on various metals.



Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
4"	1/8"	5/8"	A24R	15,200	56431
4-1/2"	1/8"	5/8"-11 7/8"	A24R	13,300	56429 56430
5"	1/8"	5/8"-11 7/8"	A24T	12,200	56427 56428
7"	1/8"	5/8"-11 7/8"	A24T	8,500	56425 56426



56468

#### Type 27 Grinding Wheels - For rough grinding applications on various metals.



Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
4"	1/4"	5/8"	A24R	15,200	56473
4-1/2"	1/4"	5/8"-11 7/8"	A24R	13,300	56454 56464
		5/8"-11 7/8"	A24N		56455 56457
5"	1/4"	5/8"-11 7/8"	A24R	12,200	56449 56466
6"	1/4"	5/8"-11" 7/8"	A24R	10,200	56279 56280
7"	1/4"	5/8"-11 7/8"	A24R	8,500	56468 56467

# Abrasives

For the Professional/Contractor



## Small Type 1 Cut-Off Wheels - General purpose cutting on ferrous metals (iron, steel, etc.).

Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
2"	.035"	1/4"	A60T	30,000	56013
	1/16"	1/4"	A36T		56015
	1/16"	1/4"	A60T		56017
	1/4"	3/8"	A36T		56131
3"	.035"	1/4"	A60T	25,000	56061
	.035"	3/8"	A60T		56062
	1/16"	1/4"	A36T		56065
	1/16"	3/8"	A36T		56068
	1/16"	1/4"	A60T		56067
	1/16"	3/8"	A60T		56070
	1/8"	3/8"	A36T		56076
	1/8"	1/4"	A36T		56270
	3/8"	3/8"	A36T		56147
	4"	.035"	5/8"		A60T
.035"		1/4"	A60T	56079	
.035"		3/8"	A60T	56080	
1/16"		1/4"	A36T	56083	
1/16"		3/8"	A36T	56086	
1/16"		1/4"	A60T	56085	
1/16"		3/8"	A60T	56088	
1/16"		5/8"	A60T	56272	
1/4"		3/8"	A36T	56163	
4-1/2"		1/16"	7/8"	A60T	13,500
	.045"	7/8"	A60T	56281	
5"	.035"	3/8"	A60T	12,200	56106
	.035"	5/8"	A60T		56108
	1/16"	7/8"	A36T		56118



Cutting a piece of angle iron to size with a cut-off wheel.

## Type 1 Reinforced Wheels - General purpose cutting on ferrous metals (iron, steel, etc.).

Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
6"	.035"	1/2"	A60T	10,200	56170
	.035"	5/8"	A60T		56171
	.040"	7/8"	A60T		56282
	.045"	7/8"	A60T		56273
	1/16"	5/8"	A60T		56274
7"	.035"	1-1/4"	A60T	8,740	56184
	.035"	5/8"	A60T		56183
	.045"	7/8"	A60T		56275
	1/16"	5/8"	A36T		56188
	1/16"	1-1/4"	A60T		56193

## Type 1 Reinforced Wheels - Diamond Arbor - For circular saws.

Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
7"	1/8"	5/8"	A24T - Metal	8,740	56208
			C24T - Concrete		56209

## Cut-Off Wheel Accessories

Description	Boxed Qty. Item Number
3/8" & 1/4" Mandrel	56491
Adapting Nuts (7/8" Arbor Hole to 5/8"-11 Nut)	56494
Adapting Nuts (5/8" Arbor Hole to 3/8"-24 Nut)	56484
Adjustable Spanner Wrench for Adapting Nuts	30879



56013



56118



56273

56494



56491



Sawing metal studs with a large cut-off wheel.



56246



56241



04455



### Large Type 1 Reinforced Wheels - For stationary machines.

Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
12"	1/8"	1"	A24R	5,100	56226
12"	1/8"	1"	C24T	5,100	56234
14"	1/8"	1"	A30R	4,400	56230
14"	1/8"	1"	C20R	4,400	56246



### Large Type 1 Reinforced Wheels - For portable gas or electric saws.

Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
12"	1/8"	1"	A24T	6,300	56241
			C24T		56242
12"	1/8"	20mm	A24T	6,300	56254
			C24T		56255
14"	1/8"	1"	A24T	5,400	56250
			C24T		56251
14"	1/8"	20mm	A24T	5,460	56263
			C24T		56264



### Large Type 1 Reinforced Wheels - For low horsepower chop saws.

Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
12"	3/32"	1"	A46T	5,100	56239
12"	3/32"	1"	A46S	5,100	56238
14"	3/32"	1"	A46T	4,400	56240
14"	3/32"	1"	A46S	4,400	56244



### Large Type 1 Reinforced Wheels - For walk behind machines.

Diameter	Wheel Thickness	Arbor Hole	Grain Type	Max. RPM	Boxed Qty. Item Number
14"	3/16"	1"	C16T	4,400	56268
			C16R		56267

### Plastic Adapters - For Cut-Off Wheels with 1" arbor holes.

Wheel Arbor Hole Size	Adapted Arbor Hole Size	Item Number
1"	20mm	04455