



MARTIN 

800.828.8116

REBEL SERIES

GRINDERS AND SANDERS



WE LISTEN. WE OBSERVE. **WE OPTIMIZE.**



REBEL SERIES

GRINDERS AND SANDERS

Rebel series grinders and sanders are powerful tools designed to overcome the challenges of heavy-duty industrial applications. Grind through heavy welds, rapidly remove parting lines or cut & grind through large gates with the most powerful right-angle grinders and sanders from Dynabrade. The 1.3 hp tool provides operators with a lightweight & powerful tool while 2.8 hp tool varieties provide added power for substantial industrial applications.

Durability has been elevated to a new level with the Rebel Series. Innovative designs protect critical motor parts ensuring longevity and consistent performance as well as extending time between recommended maintenance.

The Rebel Series has been thoughtfully designed to be compatible with a wide variety of abrasive products. From coated abrasives used in surface preparation and blending to bonded abrasives for heavy duty grinding, cutting and notching, or specialized diamond abrasives for cutting thick, hardened epoxy resins the Rebel Series has a tool for the application.

IDEAL INDUSTRIES



POWER

- Tackle heavy and extreme-duty applications with ease.
- Governor-controlled motor ensures consistent performance.

DURABILITY

- Rugged, cast aluminum motor housing.
- “Wick Lube” system extends Rebel 1.3 hp gear life with simple lubrication.
- 1,000+ hours between recommended maintenance, Rebel 2.8 hp tools.

COMPATIBILITY

- Work with fiber discs, layered flap discs, type 27, 29, 41 or 42 abrasive wheels using guard and flange configurations.
- Adjustable guards & vibration dampening handles allow for left or right-handed use.



*American-made from the highest grade materials
for long-life and high durability.*

LIFETIME
WARRANTY



REBEL 1.3 HP SERIES

GRINDERS AND SANDERS



(MODEL 52632 SHOWN)

	FEATURE	BENEFIT
1	SPINDLE LOCK	Quick and easy abrasive changeout
2	ROTATIONAL EXHAUST	360° rotation, directs exhaust away from operator
3	VIBRATION DAMPENING HANDLE	Reduces vibration transfer to operator
4	“WICK LUBE” SYSTEM	Extends gear life
5	INSULATED THROTTLE HANDLE	Insulates operator’s hand from cold air transfer

The Rebel 1.3 hp series is a family of sanders and grinders that deliver huge power in a compact, ergonomic package. The complete range of tools can mount and effectively drive commonly utilized abrasives for cutting, grinding and sanding applications. Operator safety and comfort while working were paramount to the Rebel series’ design including features that protect from debris or keep an operators’ body in a natural, ergonomic working position.

SPIRAL BEVELED GEARS

- Low vibration and even wear



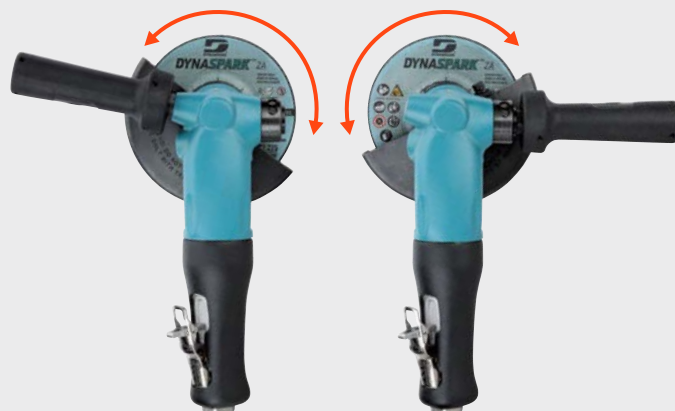
ROTATABLE MUFFLER

- Directs exhaust away from operator



MULTI-POSITION GUARD

- Rotates for operator protection and improved sightlines



****NOTE:** Refer to Dynabrade Abrasive Solutions catalog for a complete selection of compatible abrasives.

1.3 HP DISC SANDERS

PREPARATION & BLENDING

Rebel 1.3 hp disc sanders are the perfect combination of speed and power for use with Dynafire™ premium ceramic coated abrasive fiber discs. The productivity enhancing combination makes short work of medium to heavy-duty blending and preparation applications.



5" (125 MM)
52596



5" (125 MM)
52635

TECH TIP

Always present the tool and abrasive to the work piece at a 10° – 15° angle for efficient abrasive use and to prevent gouging.

THERMOPLASTIC BACK-UP PADS

- Fins help expel heat from disc pad extending disc life



Dia.	Part No.	Pad MOS RPM	Center Hole Dia.	Female Thread	Density
4-1/2" (115 mm)	50150	13,000	—	M14 x 2	Medium
	50288		5/8"	—	Hard
	50289		—	3/8" - 24	Hard
	51148		5/8"	—	Medium
	51149		—	5/8" - 11"	Medium
5" (125 mm)	50151	12,000	—	M14 x 2	Medium
	50296		5/8"	—	Hard
	51150		5/8"	—	Medium
7" (180 mm)	50152	8,500	—	M14 x 2	Hard
	50297		5/8"	—	Medium
	51151		5/8"	—	Hard

RUBBER MOLDED BACK-UP PADS

- Spiral ribs provide contact points and form air-flow channels, extending disc life



Dia.	Part No.	Pad MOS RPM	Thread	Density
4-1/2" (115 mm)	50157	13,500	M14 x 2	Medium
	50281		5/8" - 11" Female	
5" (125 mm)	50282	13,000	5/8" - 11" Female	
7" (180 mm)	50283	8,600	5/8" - 11" Female	

FIBER DISC PHENOLIC BACK-UP PAD

- 5/8"-11 female thread
- Includes 50267 pad assembly with 50268 locking nut



Dia.	Part No.	Pad MOS RPM	Thread	Density
4-1/4" (110 mm)	50261	13,000	5/8" - 11" Female	Hard

Model No.	Diameter	RPM	Power	Vacuum Style	Max. Air Flow	Tool Thread	Weight	Height	Length
52631	4" (100 mm)	12,000	1.3 hp (969 W)	Non-Vacuum	43 SCFM (1,218 LPM)	3/8"-24 Male	4.3 lb (1.9 kg)	3.3" (85 mm)	10" (255 mm)
52634	4.5" (115 mm)					5/8"-11 Male	4.4 lb (2 kg)		
52635	5" (125 mm)						4.4 lb (2 kg)		
52657	7" (180 mm)	6,000				M14x2	4.5 lb (2 kg)	3-9/16" (90 mm)	
52802		7,200							
53868		8,500							
52656		6,000							
53869		8,500							
52596	5" (125 mm)	12,000		Vacuum		5/8"-11 Male	5.5 lb (2.5 kg)	4" (100 mm)	16" (410 mm)
52597	7" (180 mm)	6,000					5.8 lb (2.6 kg)		

Additional Specifications Air Inlet 3/8" NPT | Air Hose I.D. 3/8" (10 mm) | Air Pressure 90 PSIG (6.2 Bar)
Each model includes spiral face thermoplastic back-up pad. Abrasives shown are sold separately.

For the most current tool specifications, visit dynabrade.com

1.3 HP DEPRESSED CENTER WHEEL GRINDERS

HEAVY MATERIAL REMOVAL

Rebel 1.3 hp depressed center wheel grinders are a staple tool for metalworkers, fabricators and welders. Used to complete aggressive material removal applications with type 27 style bonded abrasives or blending and finishing applications with layered flap discs the Rebel 1.3 hp tool is versatile throughout the production floor.



4.5" (115 MM)
52632



5" (125 MM)
52633



DEPRESSED CENTER WHEEL GRINDER GUARDS

- Always use appropriate size guard for tool and follow abrasive speed recommendations.

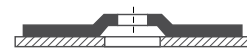
Dia.	Part No.
4" (100 mm)	25214
4.5" (115 mm)	25212
5" (125 mm)	25215

DEPRESSED CENTER FLAP WHEELS

TYPE 29 CURVED



TYPE 27 FLAT



TYPE 27-42 WHEEL



TECH TIP

Use optional backup flange for mounting high-profile abrasive flap discs with a 7/8" center hole.

53697 for 5/8"-11 models • 53630 for M14 x 2 models

Model No.	Diameter	RPM	Power	Vacuum Style	Max. Air Flow	Tool Thread	Weight	Height	Length
52630	4" (100 mm)	13,500	1.3 hp (969 W)	Non-Vaccum	43 SCFM (1,218 LPM)	3/8"-24 Male	4.8 lb (2.2 kg)	3.4" (85 mm)	10" (255 mm)
52632	4.5" (115 mm)	12,000				5/8"-11 Male	5.1 lb (2.3 kg)	3.8" (95 mm)	
52638						M14x2			
52633	5" (125 mm)					5/8"-11 Male	5.4 lb (2.5 kg)		
52639						M14x2			

Additional Specifications Air Inlet 3/8" NPT | Air Hose I.D. 3/8" (10 mm) | Air Pressure 90 PSIG (6.2 Bar)
Each model includes safety guard and spanner wrench. Abrasives shown are sold separately.

For the most current tool specifications, visit dynabrade.com

1.3 HP CUT-OFF WHEEL TOOLS

DIAMOND & TYPE 41

The Rebel 1.3 hp vacuum diamond cutoff wheel tool utilizes 5" diameter wheels with 3/4" center hole for cutting, trimming and scoring in metalworking and composite fabrication applications.

5" (127 MM)
52615



5" DIAMETER DIAMOND CUT-OFF WHEELS

Utilized for fiberglass mold and flash trimming, plus trimming of composite components.

- Continuous Rim: Used most commonly for fiberglass cutting.
- Continuous Rim with Side Spoke: Used for sawing thicker material and curved surfaces, without jamming the wheel and stalling the tool.
- Gulletted/Slotted: Used for cutting fiberglass 3/4" thick or more.



Part No.	Center Hole	Thickness	Grit Wrap	Max RPM	Wheel Type	Grit
93921	3/4"	3/32"	1/8"	15,000	Continuous Rim	40/50
93650					Side Spoked	
93662					Gulletted / Slotted	

OPTIONAL SCORING ASSEMBLY

53545

- Skid allows 1/8" deep score.
Includes three screws for attaching.



Rebel Type 41, 1.3 hp cutoff grinders efficiently power reinforced cut-off wheels for cutting of fiberglass, composites, and metal in a wide variety of fabrication applications.

NEW

4.5" (115 MM)
52584

5" (127 MM)
52585



CUT-OFF GRINDER GUARDS

- Cut-off Tools are intended to be used with 4-1/2" and 5" Type 41 reinforced straight cut-off wheels with a 7/8" center hole.
- Grinders are equipped with specific designed guards and flanges for use with Type 41 wheels to provide maximum operator protection.
- 360° Rotational exhaust directs exhaust away from operator.
- Two-Position Side Handle for left or right hand use.

TYPE 41 WHEEL



TECH TIP

Always orient your work so that grinding wheels rotate away from sharp edges; grinding wheels can catch an edge and cause the grinder to kick back.

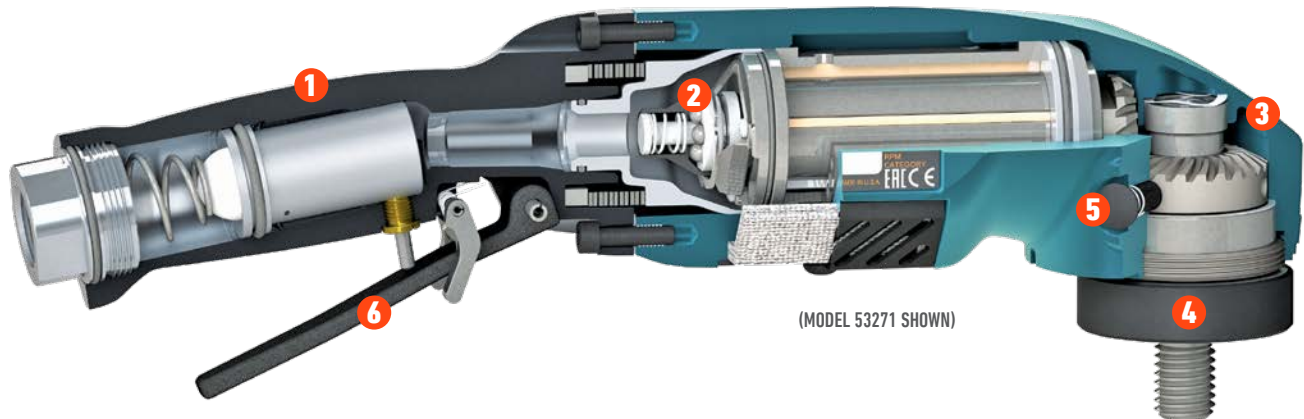
Model No.	Diameter	RPM	Power	Vacuum Style	Max. Air Flow	Tool Thread	Weight	Height	Length
52615	5" (125 mm)	12,000	1.3 hp (969 W)	Vacuum	43 SCFM (1,218 LPM)	3/8"-24	7.3 lb (3.3 kg)	8.4" (215 mm)	15.2" (385 mm)
52584	4.5" (115 mm)	13,000		Non-Vacuum		5/8"-11 Male	5.4 lb (2.4 kg)	4" (100 mm)	10" (255 mm)
52585	5" (125 mm)	12,000					5.7 lb (2.6 kg)		

Additional Specifications Air Inlet 3/8" NPT | Air Hose I.D. 3/8" (10 mm) | Air Pressure 90 PSIG (6.2 Bar)
Abrasives shown are sold separately.

For the most current tool specifications, visit dynabrade.com

REBEL 2.8 HP SERIES

7" & 9" GRINDERS AND SANDERS



(MODEL 53271 SHOWN)

Rebel 2.8 hp series grinders and sanders are powerful tools designed to overcome the challenges of heavy-duty industrial applications. Grind through heavy welds, rapidly remove parting lines or cut & grind through large gates with the most powerful right angle grinder or sander from Dynabrade, the Rebel 2.8 hp series.

Durability has been elevated to a new level; with 1,000+ hours of use between recommended maintenance, the Rebel 2.8 hp is a tool to depend upon. Industrial applications can be optimized using a variety of abrasives with an assortment of attachment options. Dynabrade has engineered optional guards, flanges, and backing pad configurations that make abrasive compatibility with the Rebel 2.8 hp Series easy!

	FEATURE	BENEFIT
1	10° OFFSET HANDLE	Promotes natural hand & wrist position
2	GOVERNOR-CONTROLLED MOTOR	Provides consistent power under load
3	SEALED GEAR CASE	Protects gears & reduces maintenance
4	AUTOBALANCER (MODEL SPECIFIC)	For reduced vibration
5	SPINDLE LOCK	Fast, easy abrasive changes
6	SAFETY-LOCK THROTTLE LEVER	Prevents accidental startup

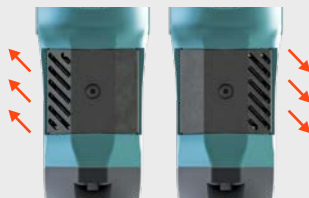
SPIRAL BEVELED GEARS

- Specifically matched to ensure even wear.
- Sealed gear case with high-performance grease for 1,000+ hours of typical usage before recommended maintenance.



ADJUSTABLE MUFFLER

- Directs exhaust away from operator.
- Muffler cover can be positioned for left or right-handed operators.



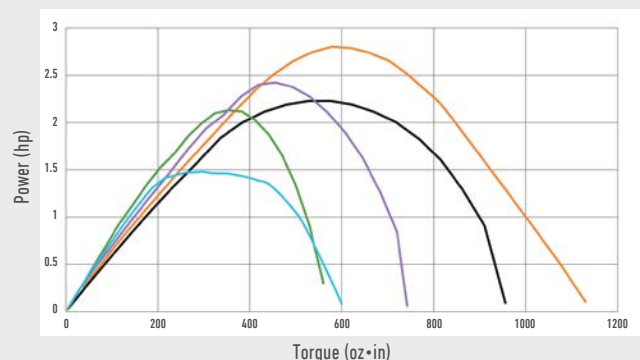
MULTI-POSITION GUARD

- Rotates 67° from center for operator protection and improved sightlines.
- 5 screws safely secure guard.



BEST-IN-CLASS TORQUE

Competitive Comparison - 6,500 RPM Grinders



POWER & TORQUE

- By delivering power under load, Rebel 2.8 hp grinders and sanders outperform competitors in heavy-duty applications.
- Compared to its competitors, the Rebel 2.8 hp Series maintains greater power as torque demands increase.

— DYNABRADE
— Competitor 1
— Competitor 2
— Competitor 3
— Competitor 4

2.8 HP DISC SANDERS

PREPARATION & BLENDING

Rebel 2.8 hp disc sanders are the most desirable tool choice in sizable preparation, blending and MRO applications. Having a lower profile and even weight distribution improves sightlines and increases maneuverability for operators.

7" (180 MM)
53270
53271



NEW

7" (180 MM)
53278
53279



TECH TIP

Always present the tool and abrasive to the work piece at a 10° – 15° angle for efficient abrasive use and to prevent gouging.



DYNABRADE BACK-UP PADS

- Spiral Face Thermoplastic back-up pad included with tool
- Spiral Face forms air-flow channels with spiral ribs to extend disc life
- Radial Rib expel heat from pad with fins

Spiral Face Thermoplastic



Spiral Face Rubber Molded



Radial Rib Thermoplastic



Dia.	Material	Type	Density	Part No.
7" (180 mm)	Thermoplastic	Spiral Face	Medium	51151
		Radial Rib	Hard	50297
	Rubber Molded	Spiral Face	Medium	50283
9" (230 mm)	Thermoplastic	Spiral Face	Medium	50914

Model No.	Diameter	RPM	Power	Vacuum Style	Autobalancer	Max. Air Flow	Tool Thread	Weight	Height	Length
53270	7"	8,500	2.8 hp (2,100 W)	Non-Vacuum	—	115 SCFM (3,256 LPM)	5/8"–11 Male	6.2 lb (2.8 kg)	4.1" (104 mm)	13.4" (340 mm)
53271	(180 mm)				Yes			6.5 lb (2.9 kg)	4.6" (117 mm)	
53272	9"	6,500		Non-Vacuum	—			6.5 lb (2.9 kg)	4.1" (104 mm)	13.4" (340 mm)
53273	(230 mm)				Yes			6.8 lb (3.1 kg)	4.6" (117 mm)	
53278	7"	8,500		Vacuum	—		4.5 lb (2 kg)	4.2" (107 mm)	18" (457 mm)	
53279	(180 mm)				Yes		7.5 lb (3.4 kg)			
53275	7" (180 mm)	8,500		Non-Vacuum	—		M14	6.6 lb (3 kg)	4.3" (109 mm)	13.4" (340 mm)
53277	9" (230 mm)	6,500			Yes			6.8 lb (3.1 kg)	4.4" (112 mm)	

Additional Specifications Air Inlet - 1/2" NPT | Air Hose I.D. - 1/2" (13 mm) | Air Pressure 90 PSIG (6.2 Bar)
Each model includes spiral face thermoplastic back-up pad, spanner wrench 94949. Abrasives shown are sold separately.

For the most current tool specifications, visit dynabrade.com

2.8 HP DEPRESSED CENTER WHEEL GRINDERS

HEAVY MATERIAL REMOVAL

Rebel 2.8 hp grinders are the most advantageous choice for demanding, high-torque grinding applications. Where some tools grind to a halt, the Rebel 2.8 hp grinder refuses to yield to the rigors of a fast-paced production environment.

7" (180 MM)

53280

53281



9" (230 MM)

53282

53283



BACK-UP FLANGE

54980 5/8"-11 Thread

- For use with type 27 & type 27/42 bonded abrasives
- Standard on grinders 53280 & 53282

LOW PROFILE BACK-UP FLANGE

54981 5/8"-11 Thread

- For use with type 27 & 29 abrasive flap discs



DEPRESSED CENTER WHEEL GRINDER GUARDS

- Standard-height guard included with tool
- High-profile guard allows for safe use of type 27 flap and stripping discs

Standard-Height



High-Profile



Dia.	Description	Abrasive Usage	Part No.
7" (180 mm)	Standard	Type 27 & 42 bonded wheels, Type 27 & 29 flap discs, Type 27 stripping discs	54918
	High-Profile	Type 27 & 29 disposable hub flap discs	54920
9" (230 mm)	Standard	Type 27 & 42 bonded wheels	54919
	High-Profile	Type 27 stripping wheels	54921

TECH TIP

Use low profile backup flange, 54981, to safely mount type 27 and 29 abrasive flap discs.

Model No.	Diameter	Autobalancer	RPM	Power	Max. Air Flow	Air Pressure	Spindle	Weight	Height	Length
53280	7"	—	8,500	2.8 hp (2,100 W)	115 SCFM (3,256 LPM)	90 PSIG (6.2 Bar)	5/8"-11 Male	7.3 lb (3.3 kg)	4.2" (107 mm)	13.4" (340 mm)
53281	(180 mm)	Yes						7.5 lb (3.4 kg)		
53282	9"	—	6,500	2.8 hp (2,100 W)	115 SCFM (3,256 LPM)	90 PSIG (6.2 Bar)		7.7 lb (3.5 kg)	4.2" (107 mm)	13.4" (340 mm)
53283	(230 mm)	Yes						7.9 lb (3.6 kg)		

Additional Specifications Air Inlet - 1/2" NPT | Air Hose I.D. - 1/2" (13 mm)

Each model includes safety guard, spanner wrench 94949 and open end wrench 96079 (for models 53280 & 53282). Abrasives shown are sold separately.

For the most current tool specifications, visit dynabrade.com

2.8 HP CUT-OFF GRINDERS

DIAMOND & TYPE 41

Used for trimming and cutting of fiberglass and composites while maintaining depth of cut of nearly 2 inches. Diamond wheels are clean cutting and long-lasting alternative to traditional bonded abrasive types.

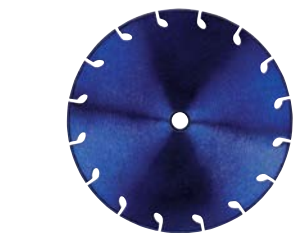


NEW

7" (180 MM)
53291

DIAMOND CUT-OFF GRINDER

- Removable, non-marring base
- 7" (180 mm) wheel shroud has 1-1/4" (32 mm) outside diameter vacuum port that diverts airborne dust and debris to optional vacuum source
- Adjustable Wheel Shroud has 2 positions, 22.5° interval



DYNACUT™ DIAMOND SEGMENTED RIM CUT-OFF BLADE

94112

- 7" Dia. x .060" Thick x 7/8" Hole
- Ultra thin, "silent" metal core

	FEATURE	BENEFIT
1	ADVANCED BRAZED BONDING TECHNOLOGY	Extra-long life, greater diamond grain retention
2	ULTRA-THIN, "SILENT" METAL CORE	Reduces noise during cutting
3	ENVIRONMENTALLY FRIENDLY CUTTING	Fewer sparks and less grinding dust

Model No.	Diameter	RPM	Power	Vacuum Style	Max. Air Flow	Air Pressure	Tool Thread	Weight	Height	Length
53290	7"	8,500	2.8 hp (2,100 W)	Non-Vacuum	115 SCFM (3,256 LPM)	90 PSIG (6.2 Bar)	5/8"-11 Male	8.4 lb (3.8 kg)	7.6" (193 mm)	16.2" (411 mm)
53291	7" (180 mm)			Vacuum						

Additional Specifications Air Inlet 1/2" NPT | Air Hose I.D. 1/2" (13 mm)
Abrasives shown are sold separately.

Type 41 cut-off grinders are staple tools in metal fabrication applications. Foundries, ship and rail yards with large scale, heavy-duty applications benefit from the consistent power and enhanced durability the Rebel 2.8 hp series delivers.



NEW

7" (180 MM)
53290

CUT-OFF GRINDER

- Cut-off wheel guard covers 180° of grinding disc, providing front face protection for operators
- Multi-position guard adjusts to 7 different cutting positions in 22.5° intervals
- Over 1,000 hours of operation before recommended maintenance

For the most current tool specifications, visit dynabrade.com

DYNABRADE BONDED ABRASIVES



DYNABOLT™ A/O ALUMINUM OXIDE

Good choice for carbon steel, stainless steel, cast iron



DYNASPARK™ ZA ZIRCONIA ALUMINA

A better choice for carbon steel, stainless steel, alloys and gray iron



DYNAFIRE™ CA CERAMIC ALUMINA

The best choice for carbon steel, stainless steel, alloys and gray iron

SMALL DIAMETER REINFORCED CUT-OFF WHEELS

TYPE 1/41 CUTTING

Product Name	Model No.	Diameter	Thickness	Arbor	Application	Type
Dynabrade DynaBolt AO	79808	4" (100 mm)	0.035	3/8	Cutting	Aluminum Oxide
Dynabrade DynaBolt AO	79810		0.045		RAG Cutting	Aluminum Oxide
Dynabrade DynaFire CA	79813		3/16		Cutting	Ceramic Alumina



TYPE 27/42 CUTTING

Product Name	Model No.	Diameter	Thickness	Arbor	Application	Type
Dynabrade DynaBolt SS AO	79826	4.5" (115 mm)	0.045	7/8	RAG Cutting Only	Aluminum Oxide
Dynabrade DynaSpark ZA	79827	4.5" (115 mm)				Zirconia Alumina
Dynabrade DynaSpark ZA	79828	5" (130 mm)				Zirconia Alumina
Dynabrade DynaBolt SS AO	79829	7" (180 mm)				Aluminum Oxide



DEPRESSED CENTER GRINDING AND COMBINATION GRINDING/CUT-OFF WHEELS

T27/42 COMBO – CUTTING AND GRINDING

Product Name	Model No.	Diameter	Thickness	Arbor	Application	Type
Dynabrade DynaSpark ZA	79832	4" (100 mm)	1/8	5/8	RAG Combo Cutting and Grinding	Aluminum Oxide



T27 GRINDING

Product Name	Model No.	Diameter	Thickness	Arbor	Application	Type
Dynabrade DynaSpark ZA	79839	4" (100 mm)	1/4	5/8	RAG Grinding Only	Zirconia Alumina
Dynabrade DynaBolt AO	79840	4" (100 mm)		Aluminum Oxide		
Dynabrade DynaSpark SS ZA	79842	4.5" (115 mm)		7/8		Zirconia Alumina
Dynabrade DynaBolt SS AO	79843	4.5" (115 mm)				Aluminum Oxide
Dynabrade DynaSpark SS ZA	79844	5" (130 mm)		5/8"-11		Zirconia Alumina
Dynabrade DynaSpark ZA	79846	7" (180 mm)				
Dynabrade DynaSpark ZA	79848	9" (230 mm)				





WE LISTEN. WE OBSERVE. WE OPTIMIZE.

REBEL 1.3 AND 2.8 HP SERIES ACCESSORIES

FOR AIRLINE CONNECTION, ERGONOMICS AND SAFETY



AIR LINES

94820 5' (1.5 M) 3/8" dia.
94821 10' (3 M) 3/8" dia.
94822 25' (7.6 M) 3/8" dia.

94825 5' (1.5 M) 1/2" dia.
94826 10' (3 M) 1/2" dia.
94827 25' (7.6 M) 1/2" dia.

- Threaded connection promotes operator safety



COUPLER & PLUG ASSEMBLY

98265 Female Coupler/Male Plug 3/8" dia.
98268 Male Coupler/Female Plug 3/8" dia.
98273 Female Coupler/Male Plug 1/2" dia.
98276 Male Coupler/Female Plug 1/2" dia.

- Two-stage release prevents recoil



SIDE HANDLE

53134

- Ergonomic, anti-vibration handle



DYNASWIVEL®

95461 3/8" dia.
95462 1/2" dia.

- Swivels 360° at two pivot points allowing the air hose to drop directly to the floor while providing superb tool handling

DYNABRADE MAINTENANCE PRODUCTS

FOR OPTIMAL REBEL 1.3 AND 2.8 HP SERIES PERFORMANCE



DYNABRADE AIR LUBE

95842 1 Pint

- 10W/NR, absorbs up to 10% of its weight in water
- Specifically formulated for Dynabrade air tools



ULTRA GEAR GREASE

96664 45 g

- High-performance grease
- Purge and re-grease gear case after 1,000 hours of operation



GEAR OIL

95848 2.5 oz.

- Formulated for Dynabrade geared tools utilizing a wick-type lubrication system



MOTOR TUNE-UP KIT

96644 2.8 HP
96100 1.3 HP

- Maintain your motor at peak performance
- Includes most wearable parts