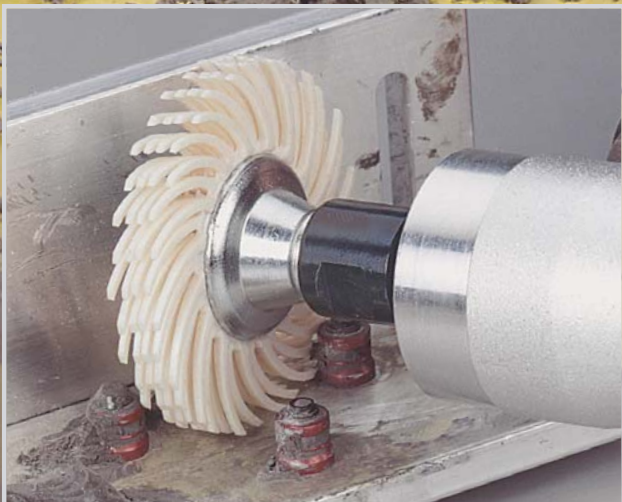


Dynabrade Seam Sealant Removal System

For Fast, Effective Removal of Seam Sealant Material

- 950 RPM Drill with 3M™ SR Cutter
- 12,000 RPM Die Grinder with 3M™ Radial Bristle Discs
- No Damage to Underlying Surface



Dynabrade Seam Sealant Removal System



Model 53455

3M™ SR Cutter



Dynabrade 53455 Right Angle Drill with 3M™ SR Cutter aggressively removes seam sealant.



.83" (21 mm) diameter SR Cutter has an internal cavity that fits directly over fasteners for efficient sealant removal.



.40" (10 mm) diameter SR Cutter is ideal for working between rivets and in other tight areas.

Many aircraft maintenance and repair procedures require the effective removal of seam sealants, without damage to the underlying surface. These sealants are usually thick coatings of polysulfide or polythioether material applied to the seams of wing panels, fuel tanks and other areas. Previous removal methods, such as the application of chemical solvents or hand-scraping were often slow, inefficient and expensive.

The Dynabrade Seam Sealant Removal System, utilizing our 950 RPM Drill and 12,000 RPM Die Grinder, is the answer! Each tool may be fitted with unique 3M™ Company cutting accessories (sold separately) to provide a safe and efficient sealant removal process.

Model 53455 Right Angle Drill

Dynabrade 53455 Right Angle Drill runs at 950 RPM, an ideal speed for the new 3M™ SR Cutter. This plastic rotary cutting accessory features bottom and side-cutting blades that aggressively remove seam sealant without damaging the substrate. Each SR Cutter has a 1/4"-28 mandrel which threads directly into the drill's female thread.

SR Cutters are offered in diameters of .40" (10 mm) and .83" (21 mm). The smaller size is ideal for use in hard-to-reach areas and tight corners. The larger size features an internal cavity for fitting directly over standard fasteners and rivets.

Drill Features and Benefits

- 1/4"-28 female thread allows direct attachment of 3M™ SR Cutter.
- Mini-right angle design offers low profile and extended reach for ease of use.
- Dynabrade quality ensures consistent torque while tool is in use.
- Ergonomically designed for low vibration and optimal tool balance.
- Thermal-insulated tool housing reduces cold air transmission to operator.
- Standard tool muffler ideal for hard-to-reach areas.
- Optional safety-lock lever available.
- Can also be used as standard drill with 1/4"-28 threaded drill bits.



Model 50000

3M™ Radial Bristle Discs

Model 50000 Right Angle Die Grinder

Dynabrade .4 HP (298 W) Right Angle Die Grinder runs at 12,000 RPM and is ideally suited for 3M™ Radial Bristle Discs. These plastic abrasive, particle-filled discs remove 1/16" (1.6 mm) or less of sealants, silicones and adhesives from most surfaces. Their unique bristle pattern allows removal of sealant without damaging the underlying paint or other coatings. Radial Bristle Discs are ideal for cleaning the remaining layer of sealant after use of the SR Cutter.

Die Grinder Features and Benefits

Model 50000 is part of the extensive line of Dynabrade Die Grinders, utilized worldwide in countless industrial applications. All tools in this line are ergonomically designed to meet the highest standards of quality and excellence.

- 1/4" collet accepts carbide burs, rotary files, mounted points and wheels.
- Highest horsepower and torque levels of any similar competitive tool.
- Unique "dual wick" lubrication system enables gears to last longer, extending life of tool.
- Low-profile design allows better control in hard-to-reach areas.
- Thermal-insulated tool housing reduces cold air transmission.
- Rear exhaust extended muffler ensures low sound levels.
- Optional safety-lock lever available.

Dynabrade offers two additional 12,000 RPM Right Angle Die Grinders for 3M™ Radial Bristle Discs:

Model 51800

Front Exhaust

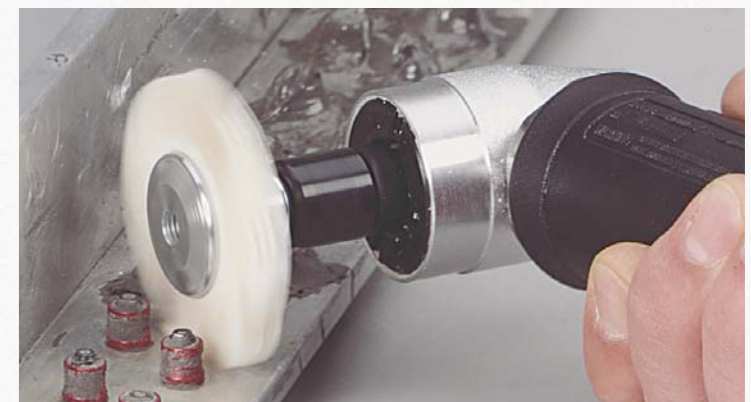


Model 52315

Rear Exhaust with standard rear muffler



Dynabrade Die Grinder runs 3M™ Radial Bristle Discs for cleaning the final layer of seam sealant. Light pressure is all that is needed!



Radial Bristle Discs are also ideal for cleaning between rivets or fasteners, and in other hard-to-reach areas.

3M™ SR Cutter & Radial Bristle Discs

Product Description	Diameter Inch (mm)	Recommended RPM	Max. Op. Speed	Quantity Per Case
SR Cutter	.40 (10) [No. 3] .83 (21) [No. 8]	950	3,200	40
SR Radial Bristle Discs	2 (51), 3 (76)	12,000	20,000	40

NOTE: Items sold separately. Please contact your 3M™ representative or distributor for ordering information.

Model Number	Motor HP (W)	Motor RPM	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53455	.4 (298)	950	3/23 (663)	1/4 (8)	1/4" NPT	90 (6.2)	2.1 (.9)	11-1/8 (282)	2-3/4 (70)

Model Number	Motor HP (W)	Motor RPM	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50000	.4 (298)	12,000	3/23 (663)	1/4 (6)	1/4" NPT	90 (6.2)	1.2 (.5)	7-3/8 (187)	2-7/8 (73)
51800	.4 (298)	12,000	3/23 (663)	1/4 (6)	1/4" NPT	90 (6.2)	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
52315	.4 (298)	12,000	3/23 (663)	1/4 (6)	1/4" NPT	90 (6.2)	1.1 (.5)	5-3/4 (146)	2-7/8 (71)

Dynabrade Accessories

Dynaswivel® Air Line Connector Never Fight an Air Hose Again!

94300

Composite Construction

- The Dynaswivel® is a patented “universal-joint” that connects portable air tools to an air line. (Patent No. D-295,552; D-295,553; D-317,818.)
- Swivels 360° AT TWO PIVOT POINTS allowing the air hose to drop directly to the floor while providing superb tool handling.
- Improves tool maneuverability and air flow, minimizes operator fatigue and extends hose life.
- 1/4" NPT, non-marring composite construction.



Coupler & Plug Assembly Provide Maximum Air Flow to Tools

94990

Composite Coupler Assembly

- Includes one 1/4" NPT female, composite-style coupler and one 1/4" NPT male plug.
- Lightweight, heavy duty, non-marring composite coupler.
- Easy connect/disconnect by single push-button action.
- Plugs all have “ported” design to prevent “starving” of the air tool. Provides up to twice the air flow compared to standard plug design.



DynaJet In-Line Blow Gun

94467

Safety Tip Design

- Purges air line of water and contaminants before starting up air tools.
- Connect only once...mounts permanently between coupler and air hose.
- Durable aluminum construction, weighs only 2 oz.
- Unit has 1/4" female NPT thread at both ends for easy installation.
- Meets O.S.H.A. requirements of special relief hole in nozzle which limits pressure to 30 PSIG (2 Bar) when dead ended and used on an air line of 150 PSIG (10.3 Bar) or less.



Dynabrade Gear Oil & Grease

95848

Gear Oil

- 2.5 oz. (74 ml) tube
- Formulated for Dynabrade geared tools utilizing a wick-type lubrication system.

95541

Push-Type Grease/Oil Gun

- One-hand operation.

95542

Grease

- 10 oz. (283.5 g) tube
- Multi-purpose grease for all types of bearings, cams, gears.



For Other Dynabrade Tools and Related Accessories, Visit www.dynabrade.com



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