



# Dynabrade Central Vacuum Pencil Grinder

Precision Deburring & Finishing with Source Capture



- Vacuum Shroud Diverts Dust & Debris to Vacuum Source
- Captures Contaminants such as Hexavalent Chromium
- Ideal for Use on Tooling, Dies, Molds, Production Parts



# Central Vacuum Pencil Grinder

Dynabrade's **NEW** Central Vacuum Pencil Grinder powers optional Carbide Burrs and Mounted Points for precision deburring, engraving, deflashing, etching, cleaning, finishing and more. As tool is working, unique Vacuum Shroud captures dust, debris and contaminants (including Hexavalent Chromium) to external vacuum source – ensuring cleaner, safer workplace. An essential tool for nuclear plants, military, aerospace and marine industries.

## Flexible Vacuum Hose

Durable vacuum hose is 6 feet (1.8 m) in length.

## High-Quality Air Line

Line is 1/4" (6 mm) in diameter, and 5-1/4" (1.6 m) in length.

## Color-Coded Tool Cap

Allows instant identification of tool speed.

**NEW!**

## One-Touch Operation

Convenient switch allows easy on/off operation.

## Pencil-Type Tool Shape

Provides comfortable grip and firm control.

## Standard Vacuum Cuff

1" (25 mm) outside diameter, for quick connection to standard central vacuum system.

## High-Efficiency Air Motor

Turbine-driven motor has no wearable gears or vanes, and needs no oil!

## Urethane Vacuum Shroud

Will not mar work surface. Can also be trimmed for specific application needs.

## Accepts Variety of Accessories

Tool powers optional Carbide Burrs (see page 4) and Mounted Points.

# Vacuum Shrouds

## 51739 Standard Shroud

- Lightweight, flexible, non-marring Vacuum Shroud.
- For use with Dynabrade standard (non-extension) Pencil Grinders.
- Shroud opening of 1-3/8" (35 mm) allows capture of dust and contaminants.



## 51785 Extension Shroud

- Lightweight, flexible, non-marring Vacuum Shroud.
- For use with Dynabrade Extension Pencil Grinders.
- Shroud opening of 1-3/4" (44 mm) allows capture of dust and contaminants.



# Central Vacuum Pencil Grinder

- Each model includes urethane Vacuum Shroud, plus high-quality air line and flexible, durable vacuum hose.
- High-efficiency air motor has no wearable gears, vanes or blades. Oil-free operation minimizes maintenance time and repair costs.
- Tool weight of just 1.1 lbs. (.5 kg) ensures easy, comfortable usage.
- Air motor is controlled with patented governor, providing constant tool speed under load.
- Quality high-speed bearings ensure consistent, reliable operation.
- Changing of optional accessory is achieved with easy, one-wrench maneuver.



## 35,000 RPM with RED Tool Cap

### Model 51622 1/8" Collet

- Includes 51739 Standard Vacuum Shroud.

### Model 51623 1/8" Collet, Extension Model

- Includes 51785 Extension Vacuum Shroud.
- Greater tool length provides additional reach.

### Model 51624 3 mm Collet

- Includes 51739 Standard Vacuum Shroud.



Model 51622

## 50,000 RPM with GOLD Tool Cap

### Model 51629 1/8" Collet

- Includes 51739 Standard Vacuum Shroud.

### Model 51630 1/8" Collet, Extension Model

- Includes 51785 Extension Vacuum Shroud.
- Greater tool length provides additional reach.

### Model 51631 3 mm Collet

- Includes 51739 Standard Vacuum Shroud.



Model 51630

## 60,000 RPM with TEAL Tool Cap

### Model 51632 1/8" Collet

- Includes 51739 Standard Vacuum Shroud.

### Model 51633 1/8" Collet, Extension Model

- Includes 51785 Extension Vacuum Shroud.
- Greater tool length provides additional reach.

### Model 51634 3 mm Collet

- Includes 51739 Standard Vacuum Shroud.



Model 51632

Model Number	Motor hp (W)	Motor RPM	Maximum Air Flow SCFM (LPM)	Collet Size	Air Hose I.D.	Air Pressure PSIG (Bar)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51622	.1 (75)	35,000	8 (227)	1/8"	1/4" (6 mm)	90 (6.2)	1.1 (.5)	5-1/4 (132)	1-7/8 (49)
51623	.1 (75)	35,000	8 (227)	1/8"	1/4" (6 mm)	90 (6.2)	1.2 (.5)	6 (152)	1-7/8 (49)
51624	.1 (75)	35,000	8 (227)	3 mm	1/4" (6 mm)	90 (6.2)	1.1 (.5)	5-1/4 (132)	1-7/8 (49)
51629	.1 (75)	50,000	8 (227)	1/8"	1/4" (6 mm)	90 (6.2)	1.1 (.5)	5-1/4 (132)	1-7/8 (49)
51630	.1 (75)	50,000	8 (227)	1/8"	1/4" (6 mm)	90 (6.2)	1.2 (.5)	6 (152)	1-7/8 (49)
51631	.1 (75)	50,000	8 (227)	3 mm	1/4" (6 mm)	90 (6.2)	1.1 (.5)	5-1/4 (132)	1-7/8 (49)
51632	.1 (75)	60,000	8 (227)	1/8"	1/4" (6 mm)	90 (6.2)	1.1 (.5)	5-1/4 (132)	1-7/8 (49)
51633	.1 (75)	60,000	8 (227)	1/8"	1/4" (6 mm)	90 (6.2)	1.2 (.5)	6 (152)	1-7/8 (49)
51634	.1 (75)	60,000	8 (227)	3 mm	1/4" (6 mm)	90 (6.2)	1.1 (.5)	5-1/4 (132)	1-7/8 (49)

# DynaBurr's and DynaBurr Kit

## 93351 1/8" DynaBurr Carbide Burr Kit

- 12-piece kit includes one of each Carbide Burr shown below.
- All Carbide Burrs may also be ordered separately.
- Burrs mount to 1/8" collet on Pencil Grinders or standard Die Grinders.
- Packaged in high-quality wooden case.



## 1/8" and 3 mm Individual Carbide Burrs

Shape	Tool Style	Cut Style	Cutter Diameter	Flute Length	Shaft	Part Number
	SA-42	Double	3/32"	7/16"	1/8"	93338
			2.5 mm	11 mm	3 mm	93368
	SA-43	Double	1/8"	9/16"	1/8"	93339
			3 mm	14 mm	3 mm	93369
	SC-41	Double	3/32"	7/16"	1/8"	93340
			2.5 mm	11 mm	3 mm	93370
	SC-42	Double	1/8"	9/16"	1/8"	93341
			3 mm	14 mm	3 mm	93371
	SD-42	Double	1/8"	1/8"	1/8"	93342
			3 mm	3 mm	3 mm	93372
	SE-41	Double	1/8"	7/32"	1/8"	93343
			3 mm	5.5 mm	3 mm	93373

Shape	Tool Style	Cut Style	Cutter Diameter	Flute Length	Shaft	Part Number
	SF-42	Double	1/8"	1/2"	1/8"	93344
			3 mm	13 mm	3 mm	93374
	SG-44	Double	1/8"	1/2"	1/8"	93345
			3 mm	13 mm	3 mm	93375
	SH-41	Double	1/8"	1/4"	1/8"	93346
			3 mm	6 mm	3 mm	93376
	SL-42	Double	1/8"	1/2"	1/8"	93347
			3 mm	13 mm	3 mm	93377
	SM-42	Double	1/8"	7/16"	1/8"	93348
			3 mm	11 mm	3 mm	93378
	SN-42	Double	1/8"	3/16"	1/8"	93349
			3 mm	5 mm	3 mm	93379



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### DYNABRADE, INC. • DYNABRADE INTERNATIONAL

8989 Sheridan Drive • Clarence, New York 14031-1490  
 Phone: (716) 631-0100 • US Fax: 716-631-2073 • Int'l Fax: 716-631-2524  
**US Consumers Call Toll-Free: 1-800-828-7333**  
**Canadian Consumers Call Toll-Free: 1-800-344-1488**

### DYNABRADE EUROPE S.à r.l.

Zone Artisanale • L-5485 Wormeldange—Haut, Luxembourg  
 Telephone: +352 768 494 1 • Fax: +352 768 495

### DYNABRADE DO BRASIL

Rua Oneda, 632 • Sao Bernardo do Campo • SP - CEP 09895-280  
 Telephone 55-11-4390-0133 • Fax 55-11-4399-1067

### DYNABRADE INDIA ABRASIVE POWER TOOLS Pvt Ltd.

EL-54, TTC Industrial Area, M.I.D.C. Mahape, Electronic Zone, Navi Mumbai - 400705  
 Maharashtra, India • Telephone: +91 22 2763 2226 • Fax: +91 22 2763 2228

### DYNABRADE AUSTRALIA PTY LTD.

Unit 2, 13-14 National Drive, Hallam, Victoria 3803, Australia  
 Telephone: 03-9796 5114

Try Our U.S. Consumer Toll-Free Number  
**1-888 DYNABRADE (or 1-800-828-7333)**

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