Pencil Grinders
Turbine-Driven Air Motor Models

Precision Deburring and Finishing on a Variety of Surfaces

FOR USE WITH
Carbide Burrs, Rotary Files, Mounted Points and Discs
SEE PAGE 251

35,000 RPM with *RED* Tool Cap

Model 51706
1/8" Collet

Model 51707
3 mm Collet

Model 51756
1/8" Collet, Extension Model

Model 51708
6 mm Collet

Model 51756
Extension Model provides additional reach.

50,000 RPM with *GOLD* Tool Cap

Model 51703
1/8" Collet

Model 51704
3 mm Collet

Model 51730
1/8" Collet, Ceramic Bearings

Model 51732
3 mm Collet, Ceramic Bearings

Model 51753
1/8" Collet, Extension Model

Model 51705
3/32" Collet

Model 51730
Ceramic Bearings provide better performance and durability with regard to high shaft speeds, dirt, extreme temperature and corrosion.

60,000 RPM with *TEAL* Tool Cap

Model 51700
1/8" Collet

Model 51701
3 mm Collet

Model 51731
1/8" Collet, Ceramic Bearings

Model 51733
3 mm Collet, Ceramic Bearings

Model 51740
1/8" Collet, Mount Stem

Model 51742
3 mm Collet, Mount Stem

Model 51750
1/8" Collet, Extension Model

Model 51702
3/32" Collet

Model 51740
Mount Stem for use only on robotic arms and other fixed mount applications.

100,000 RPM with *SILVER* Tool Cap • *Ceramic Bearings*

• Speed of 100,000 RPM offers enhanced cut rate. Ideal for use on metals, alloys, graphite, wood, glass and resin with high glass content.

Model 51810 *1/8" Collet*

Model 51811 *1/16" Collet*

Model 51812 *3/32" Collet*

Model 51813 *3 mm Collet*

Model 51810
Ceramic Bearings included in ALL 100,000 RPM models!

Model Number	Motor RPM	Sound Level	Exhaust	Maximum Air Flow SCFM (L/Min)	Air Pressure PSIG (Bar)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Diameter Inch (mm)
51706-51708	35,000	62 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51756	35,000	62 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	6 (152)	1-1/2 (39)
51703-51705	50,000	61 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51730-51732	50,000	66 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51753	50,000	61 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	6 (152)	1-1/2 (39)
51700-51702	60,000	66 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51731/51733	60,000	66 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	5-1/4 (132)	1-1/2 (39)
51740/51742	60,000	66 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.5 (0.2)	7-3/16 (182)	1-1/2 (39)
51750	60,000	66 dB(A)	Rear	8 (227)	90 (6.2)	1/4 (6)	1/4" NPT	0.8 (0.4)	6 (152)	1-1/2 (39)
51810-51813	100,000	75 dB(A)	Rear	6 (170)	90 (6.2)	1/4 (6)	1/4" NPT	0.84 (0.38)	5-5/16 (135)	1-1/2 (39)

Quick-Change Pencil Grinder

Turbine-Driven Air Motor Models

Precision Deburring in Time-Saving Design!

FOR USE WITH
Carbide Burrs, Rotary Files,
Mounted Points and Discs
SEE PAGE 251

NEW Quick-Change Lever
Turn lever outward 90º to open collet insert and easily replace accessory.

Model 60052

NEW Rapid-Stop Brake
Built-in brake stops tool motor within ONE SECOND!

Built-In Swivel
Provides 360° maneuverability of air line!

Accepts Variety of Accessories
Powers **Carbide Burrs** and **Mounted Points**, sold separately.

High-Quality Air Line
1/4" (6 mm) in diameter and 6 feet (1.82 m) in length.

93351 Carbide Burr Kit includes 12 Burrs (1/8"). See page 251.

Model 60051 *with TEAL Tool Cap*
60,000 RPM, 1/8" Collet

Model 60052 *with RED Tool Cap*
35,000 RPM, 3/32" Collet

- High-efficiency turbine-driven air motor has no wearable gears, vanes or blades.
- Oil-free operation minimizes maintenance time and repair costs.
- Air motor controlled by patented governor, providing constant tool speed under load.
- Tool housing has non-slip rubber grip for additional control.
- Tactile cues on shaft end alert operator to rotating collet area.
- Quality high-speed bearings ensure consistent, reliable operation.
- 1/8" and 3/32" Collets are interchangeable within each model.

One-Touch Operation
Handy switch allows simple on/off operation.

Model 60051

DIE GRINDERS

Model 60052

Model 60052

Quick-Change Pencil Grinder is ideal for use on tooling, dies, jewelry, molds and intricate parts.

Model Number	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Pressure PSIG (Bar)	Collet Size (Part No.)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
60051	60,000	78 dB(A)	8 (227)	90 (6.2)	1/8" (60118)	1.0 (0.45)	5-5/16 (135)	1-1/2 (38)
60052	35,000	65 dB(A)	8 (227)	90 (6.2)	3/32" (60119)	1.0 (0.45)	5-5/16 (135)	1-1/2 (38)