

# Pencil Grinders

## Turbine-Driven Air Motor Models



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*Precision Deburring and Finishing on a Variety of Surfaces*

**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**

*3/32" Collet*

**Model 51756**

**Extension Model** provides additional reach.



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

**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.



**WATCH Tool at Work!**

**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)

**DIE GRINDERS**