

Air-Powered Pencil Grinder

Reach tight spots. Fits like a pencil in your hand.



Ideal for precision deburring and metal removal on investment castings. Excellent for use on tooling, dies, molds, production parts, and much more.

Features

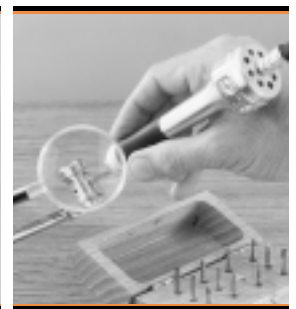
- Lightweight, ergonomically designed, vibration-free...reduces operator fatigue.
- Speeds of 65,000, 50,000 and 35,000 RPM.
- High speed air motor, controlled with a patented governor, provides constant speed underload. Quality high speed bearings for long life.
- Quiet running... only 68 dB(A).
- Efficient air turbine design uses maximum of only 8 SCFM (227 LPM) at 90 PSI, 5 SCFM (142 LPM) at idle.
- Precision, high tolerance, low run-out collet. Run out is a true .0002 @ 1" (25 mm) from face.
- Quick loading/unloading of burrs and other accessories (wrench and shaft lock tool supplied).
- Easy-change collet insert available in three sizes: 1/8", 3/32" and 3 mm.
- No vanes to wear out or break. Minimizes repair cost and down time.
- Guarded collet with tactile warning keeps fingers close to workpiece and away from collet and burr.
- Super flexible hose for maximum agility.



NOTE:
Do not exceed the maximum rated RPM of tool attachment.



Insert Shaft Lock Tool into spindle hole and open or close the collet with Wrench.

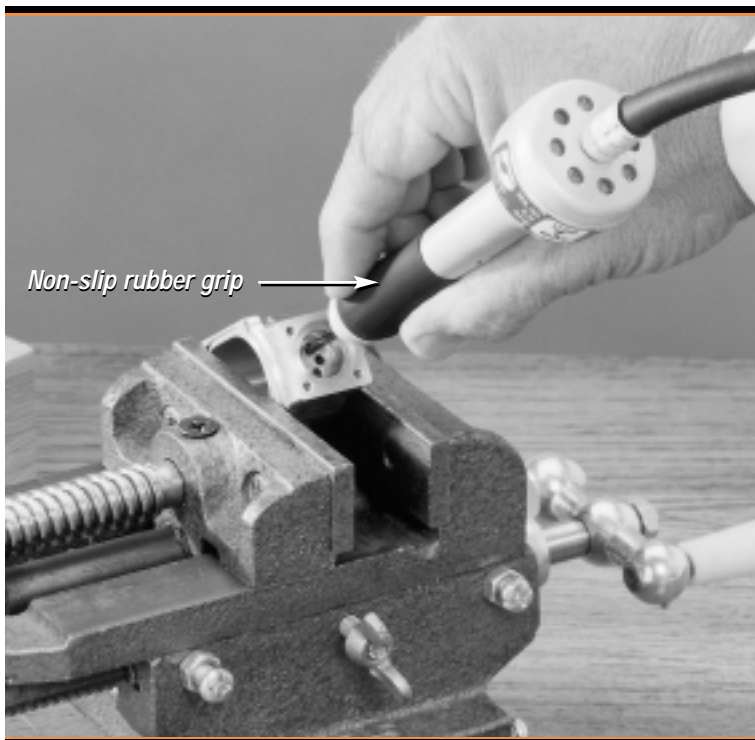


Model 51700	(1/8" Collet)	65,000 RPM
Model 51701	(3 mm Collet)	65,000 RPM
Model 51702	(3/32" Collet)	65,000 RPM

Model 51703	(1/8" Collet)	50,000 RPM
Model 51704	(3 mm Collet)	50,000 RPM
Model 51705	(3/32" Collet)	50,000 RPM

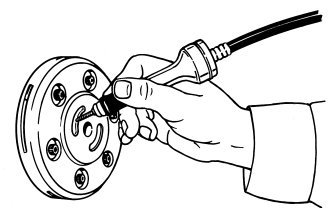
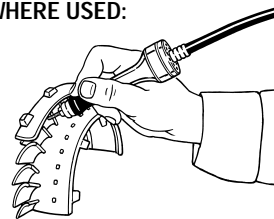
Model 51706	(1/8" Collet)	35,000 RPM
Model 51707	(3 mm Collet)	35,000 RPM
Model 51708	(3/32" Collet)	35,000 RPM

MODEL NUMBER	COLLET SIZE	LENGTH INCH (MM)	HEIGHT INCH (MM)	WEIGHT POUND (KG)	AIR FLOW RATE SCFM (LPM)	SOUND LEVEL	MOTOR HP (W)	AIR INLET THREAD	HOSE SIZE INCH (MM)	AIR PRESSURE PSI (BARS)
51700/51701/51702	1/8"	6" (152)	1-7/16" (37)	.81 lbs. (.37)	8 (227)	68.5 dBA	.1 (75)	1/4" NPT	1/4" (6)	90 (6.2)
51703/51704/51705	3 mm	6" (152)	1-7/16" (37)	.81 lbs. (.37)	8 (227)	68.5 dBA	.1 (75)	1/4" NPT	1/4" (6)	90 (6.2)
51706/51707/51708	3/32"	6" (152)	1-7/16" (37)	.81 lbs. (.37)	8 (227)	68.5 dBA	.1 (75)	1/4" NPT	1/4" (6)	90 (6.2)



Non-slip rubber grip

WHERE USED:



MANUFACTURING INDUSTRIES

Aircraft and Aircraft Service • Automotive & Automotive Service
Electronics • Dental Laboratories • Jewelry • Medical Equipment
Tool & Die • Monumental Fabrication • Furniture • Boat Building
Sign Machining • Stone Working • Household Equipment

MATERIALS

Metal • Plastic • Composites • Precious Metals • Titanium • Rubber
Fiberglass • Glass • Exotic Metals • Cast Metals • Kevlar®
Stone, Precious Stones • Various Non-Ferrous Metals

APPLICATIONS

Polishing • Deburring • Etching • Wax Forming • Glass Etching
Glass Deburring • Routing • Beveling • Dulling • Shaping
Mold Making • Flash Removal • Trimming, Cutting CNC Machining

Air-Powered Pencil Grinder

Reach tight spots. Fits like a pencil in your hand.



Dynaburr™ Carbide Burrs & Kits

Used for grinding, deburring, and finishing on stainless steel and other metals.

1/8" Dynaburr™ Carbide Burr Kit 93351

- 12 piece kit includes burrs 93338 through 93349 in high-quality wooden case.
- Mounts to a 1/8" collet on any standard die grinder.

3mm Dynaburr™ Carbide Burr Kit 93381

- 12 piece kit includes burrs 93368 through 93379 in high-quality wooden case.
- Mounts to a 3 mm collet on any standard die grinder.

6mm Dynaburr™ Carbide Burr Kit 93380

- 8 piece kit includes burrs 93360 through 93367 in high-quality wooden case.
- Mounts to a 6 mm collet on any standard die grinder.

All carbide burrs may also be ordered separately.



1/8" and 3 mm Burrs

SHAPE	CYLINDER	CYLINDER	CYLINDER Radiused End	CYLINDER Radiused End	BALL	OVAL	TREE Radiused End	TREE Pointed End	FLAME	TAPER Radiused End	14° Cone	10° Inverted Cone
Tool Style	SA-42	SA-43	SC-41	SC-42	SD-42	SE-41	SF-42	SG-44	SH-41	SL-42	SM-42	SN-42
Cut Style	Double	Double	Double	Double	Double	Double	Double	Double	Double	Double	Double	Double
1/8"	93338	93339	93340	93341	93342	93343	93344	93345	93346	93347	93348	93349
Cutter Dia.	3/32"	1/8"	3/32"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Flute L.	7/16"	9/16"	7/16"	9/16"	1/8"	7/32"	1/2"	1/2"	1/4"	1/2"	7/16"	3/16"
Shank	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
3 mm	93368	93369	93370	93371	93372	93373	93374	93375	93376	93377	93378	93379
Cutter Dia.	2.5 mm	3 mm	2.5 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm
Flute L.	11 mm	14 mm	11 mm	14 mm	3 mm	5.5 mm	13 mm	13 mm	6 mm	13 mm	11 mm	5 mm
Shank	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm	3 mm

1/4" and 6 mm Burrs

SHAPE	CYLINDER	CYLINDER	CYLINDER Radiused End	CYLINDER Radiused End	BALL	OVAL	TREE Radiused End	TAPER Radiused End
Tool Style	SA-1	SA-3	SC-1	SC-3	SD-3	SE-3	SF-3	SL-3
Cut Style	Double	Double	Double	Double	Double	Double	Double	Double
6 mm	93360	93361	93362	93363	93364	93365	93366	93367
Cutter Dia.	6 mm	9 mm	6 mm	9 mm	9 mm	9 mm	9 mm	9 mm
Flute Length	16 mm	19 mm	16 mm	19 mm	8 mm	16 mm	19 mm	27 mm
Shank	6 mm	6 mm	6 mm	6 mm	6 mm	6 mm	6 mm	6 mm

Always wear eye, face and body protection.

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