

PENCIL GRINDERS

➤ Ideal for Precision Deburring and Finishing

ROTARY VANE MOTOR MODELS

Adjusts from 5,000-25,000 RPM

Model 52861 *1/8" Collet*

Model 52862 *3 mm Collet*

Model 52863 *1/4" Collet*

Model 52864 *6 mm Collet*



52861

TURBINE-DRIVEN MOTOR MODELS

35,000 RPM

Model 51706 *1/8" Collet*

Model 51756 *1/8" Collet*

- Extension model.

Model 51707 *3 mm Collet*

Model 51708 *3/32" Collet*

Extension Model



51756

50,000 RPM

Model 51703 *1/8" Collet*

Model 51730 *1/8" Collet*

- Ceramic bearings.

Model 51753 *1/8" Collet*

- Extension model.

Model 51732 *3 mm Collet*

- Ceramic bearings.

Standard Model



51703

60,000 RPM

Model 51700 *1/8" Collet*

Model 51731 *1/8" Collet*

- Ceramic bearings.

Model 51740 *1/8" Collet*

- Mount stem for robotic arms.

Model 51750 *1/8" Collet*

- Extension model.

Model 51733 *3 mm Collet*

- Ceramic bearings.

Mount Stem Model



51740

100,000 RPM

Model 51810 *1/8" Collet*

Model 51811 *1/16" Collet*

Model 51812 *3/32" Collet*

Model 51813 *3 mm Collet*

Model 51701 *3 mm Collet*

Model 51742 *3 mm Collet*

- Mount stem for robotic arms.

Model 51702 *3/32" Collet*



51810

.33 HP DIE GRINDER

- Right Angle, Gearless, Rear Exhaust

52196



18,000 RPM

Model 52196 1/4" Collet

.4 HP DIE GRINDERS

- Planetary Geared, Rear Exhaust, Extended Muffler

ANGLE HEAD MODEL



53420

3,200 RPM

Model 53420 1/4" Collet

STRAIGHT-LINE MODELS



47201

950 RPM

Model 47200

- Includes 1/4" and 6 mm collets.

3,200 RPM

Model 47201

- Includes 1/4" and 6 mm collets.

5,500 RPM

Model 47202

- Includes 1/4" and 6 mm collets.

.4 HP DIE GRINDERS

➤ Straight-Line, Right Angle and 7° Offset Models

STRAIGHT-LINE MODELS

- Gearless motor.



Collet Size		Motor RPM	Exhaust
1/4"	6 mm		
52200	52230	25,000	Front
52202	52232	30,000	Front

Model Number	Motor RPM	Exhaust	Muffler Type	Collets Included
48360	20,000	Rear	Standard	1/4", 6 mm
48325	25,000	Rear	Standard	1/4", 6 mm
48327	30,000	Rear	Standard	1/4", 6 mm
48345*	30,000	Rear	Standard	1/8", 3 mm
48345	30,000	Rear	Standard	1/8", 3 mm
48201	25,000	Rear	Extended	1/4", 6 mm
48203	30,000	Rear	Extended	1/4", 6 mm
48350	35,000	Rear	Extended	1/8", 3 mm
48355	35,000	Rear	Extended	1/4", 6 mm

*Model 48345 includes 94994 Overhose Assembly



RIGHT ANGLE MODELS

- Planetary geared motor.

Model Number	Motor RPM	Exhaust	Muffler Type	Collets Included
47800	12,000	Front	Standard	1/4", 6 mm
47801	15,000	Front	Standard	1/4", 6 mm
47802	20,000	Front	Standard	1/4", 6 mm
49425	3,200	Rear	Standard	1/4", 6 mm
48315	12,000	Rear	Standard	1/4", 6 mm
48316	15,000	Rear	Standard	1/4", 6 mm
46000	12,000	Rear	Extended	1/4", 6 mm
46001	15,000	Rear	Extended	1/4", 6 mm
46002	20,000	Rear	Extended	1/4", 6 mm

.4 HP DIE GRINDERS

➤ 7° Offset Models

48335



GEARLESS

Collet Size		Motor RPM	Exhaust
1/4"	6 mm		
52204	52250	25,000	Front
52206	52252	30,000	Front

Model Number	Motor RPM	Exhaust	Muffler Type	Collets Included
48335	25,000	Rear	Standard	1/4", 6 mm
48337	30,000	Rear	Standard	1/4", 6 mm
48205	25,000	Rear	Extended	1/4", 6 mm
48207	30,000	Rear	Extended	1/4", 6 mm

PLANETARY GEARED

Model Number	Motor RPM	Exhaust	Muffler Type	Collets Included
47211	3,200	Rear	Extended	1/4", 6 mm
47212	5,000	Rear	Extended	1/4", 6 mm

.5 HP DIE GRINDERS

➤ Straight-Line, Gearless Motor



51301



Collet Size		Motor RPM	Exhaust	Muffler Type
1/4"	6 mm			
51300	51310	15,000	Front	—
51301	51311	18,000	Front	—
51302	51312	20,000	Front	—
51303	51313	24,000	Front	—
51304	51314	15,000	Rear	Extended
51305	51315	18,000	Rear	Extended
51306	51316	20,000	Rear	Extended
51307	51317	24,000	Rear	Extended

.5 HP DIE GRINDERS

➤ Straight-Line and 7° Offset Models

3" EXTENSION MODELS

- Planetary geared motor.



Collet Size		Motor RPM	Exhaust	Muffler Type
1/4"	6 mm			
53510	53512	18,000	Rear	Extended
53511	53513	20,000	Rear	Extended

7-1/4" EXTENSION MODELS

Collet Size		Motor RPM	Exhaust	Muffler Type
1/4"	6 mm			
53501	53506	18,000	Rear	Extended
53502	53507	20,000	Rear	Extended

7° OFFSET MODELS

- Gearless motor.



Collet Size		Motor RPM	Shank Type	Exhaust	Muffler Type
1/4"	6 mm				
52211	52261	18,000	Short	Front	—
52212	52262	20,000	Short	Front	—
52213	52263	24,000	Short	Front	—
52216	—	15,000	Long	Front	—
52218	—	20,000	Long	Front	—
52221	—	18,000	Short	Rear	Extended
52222	—	20,000	Short	Rear	Extended
52223	—	24,000	Short	Rear	Extended
52267	—	15,000	Long	Rear	Extended

.5 HP DIE GRINDERS

- Steel Housing for Increased Durability



24,000 RPM

Model 53807

- 1/4" collet, front exhaust.

Model 53808

- 1/4" collet, rear exhaust.

.55 HP DIE GRINDER

- Right Angle, Gearless Motor



15,000 RPM

Model 52280

- 1/4" collet, rear exhaust.

.7 HP DIE GRINDERS

- Straight-Line, Planetary Geared



Collet Size		Motor RPM	Exhaust	Muffler Type
1/4"	6 mm			
52256	52264	15,000	Front	—
52257	52265	18,000	Front	—
52258	—	20,000	Front	—
52100	52103	950	Rear	Extended
52101	52104	3,400	Rear	Extended
52102	52105	4,500	Rear	Extended
52276	52281	15,000	Rear	Extended
52277	52282	18,000	Rear	Extended
52278	52283	20,000	Rear	Extended

.7 HP DIE GRINDERS

➤ 7° Offset and Steel Housing (Straight-Line) Models

7° OFFSET MODELS

- Gearless motor.



GEARLESS



52289



52293

Collet Size		Motor RPM	Shank Type	Exhaust	Muffler Type
1/4"	6 mm				
52289	52225	18,000	Short	Front	—
52290	52226	20,000	Short	Front	—
52242	52286	20,000	Long	Rear	Standard
52293	52295	18,000	Short	Rear	Extended
52294	52298	20,000	Short	Rear	Extended
52297*	—	20,000	Short	Rear	Extended

*Model 52297 includes Side Handle

STEEL HOUSING MODELS

- Steel housing for increased durability.



53811



53812

20,000 RPM

Model 53811

- 1/4" collet, front exhaust.

Model 53812

- 1/4" collet, rear exhaust.

EXTENSION STEEL HOUSING MODELS

- 20,000 RPM, rear exhaust.



53781

Die Grinder

Model 53781

- 1/4" collet.

Cone or Plug Grinder

Model 53783

- 3/8"-24 thread.

1 HP DIE GRINDERS

➤ Straight-Line, Rear Exhaust, Standard Muffler



Collet Size		Motor RPM	Motor Type
1/4"	6 mm		
52660	52680	950	Planetary
52662	52682	3,400	Planetary
52663	52683	4,500	Planetary
52665	52685	9,000	Gearless
52666	52686	12,000	Gearless
52667	52687	15,000	Gearless
52668	52688	18,000	Gearless
52669	52689	20,000	Gearless

6" EXTENSION MODELS



Collet Size		Motor RPM	Motor Type
1/4"	6 mm		
52672	52692	3,400	Planetary
52673	52693	4,500	Planetary
52675	52695	9,000	Gearless
52676	52696	12,000	Gearless
52677	52697	15,000	Gearless
52678	52698	18,000	Gearless
52679	52699	20,000	Gearless

8-3/8" EXTENSION MODELS



3,400 RPM

Model 53521

- 19-3/4" length.

Model 53522

- 28-1/8" length.

Model 53523

- 36-1/2" length.

18,000 RPM

Model 53531

- 18-3/8" length.

Model 53532

- 26-3/4" length.

Model 53533

- 35-1/8" length.