

# 4-1/2" - 5" Dia. Disc Sanders

## .7 hp and 1 hp Models



DISC PADS  
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### High-Quality Air-Powered Disc Sanders

FOR ABRASIVE DISCS  
4-1/2" (114 mm) to  
5" (127 mm) diameters  
SEE PAGE 280

#### Pistol Grip, .7 hp, Rear Exhaust

- Each model includes 50267 Disc Pad Assembly for center-hole abrasive discs, 4-1/2" to 5" in diameter.
- Gearless motor for reduced maintenance and downtime.
- Governor-controlled to maintain RPM under heavy load.
- Removable side handle.

**Model 50320 8,000 RPM**

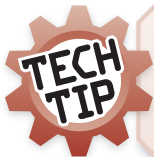
**Model 50321 11,000 RPM**



Model 50320



Gearless



Dynaswivel® air line connector is ideal for use with most air tools. It improves tool maneuverability, minimizes operator fatigue and extends hose life. (See page 223.)



*Right: 50321 Pistol-Grip Disc Sander quickly and effectively removes excess fiberglass.*



Model 50321

DISC SANDERS

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50320	.7 (522)	8,000	72 dB(A)	30 (850)	3/8 (10)	1/4" NPT	5/8"-11 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)
50321	.7 (522)	11,000	76 dB(A)	32 (906)	3/8 (10)	1/4" NPT	5/8"-11 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)

Tune-Up Kit: No. 96047 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

#### Right Angle, 1 hp, Rear Exhaust

- Extended muffler for reduced sound levels.
- Reversible side handle for left or right hand operation.

#### 5/8"-11 Thread Models

**Model 52562 9,000 RPM**

- Includes 51150 Disc Pad Assembly.
- 5" diameter.

**Model 52561 11,000 RPM**

- Includes 51148 Disc Pad Assembly.
- 4-1/2" diameter.

#### M14 Male Thread Models

- Ideal for use with 115 mm-127 mm diameter Disc Pads with M14 female thread (sold separately).

**Model 52564 9,000 RPM**

**Model 52565 11,000 RPM**



Model 52561

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52561	1 (744)	11,000	76 dB(A)	41 (1,172)	3/8 (10)	3/8" NPT	5/8"-11 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52562	1 (744)	9,000	77 dB(A)	39 (1,116)	3/8 (10)	3/8" NPT	5/8"-11 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52564	1 (744)	9,000	77 dB(A)	39 (1,116)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52565	1 (744)	11,000	76 dB(A)	41 (1,172)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)

Tune-Up Kit: No. 96532 (page 267) • Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

# Dynabrade Systems & Solutions

For Disc Sanders – Suggested Tool/Accessory Combinations



TOOL	ABRASIVE	ACCESSORIES	
<b>Disc Sander</b> Model 48503 7° Offset, 25,000 RPM, .4 hp Page 72	<b>2" Diameter Abrasive Discs Locking-Type</b> Page 279	<b>Disc Sanding Pad 51344</b> Locking-Type Page 242	<b>Overhose Assembly 94994</b> Page 247
<b>Disc Sander</b> Model 47822 Right Angle, 20,000 RPM, .4 hp Page 73	<b>2" Diameter Abrasive Discs Locking-Type</b> Page 279	<b>Disc Sanding Pad 51344</b> Locking-Type Page 242	<b>DynaJet Blow Gun 94467</b> Page 224
<b>Disc Sander</b> Model 48531 Right Angle, 15,000 RPM, .4 hp Page 74	<b>3" Diameter Abrasive Discs Locking-Type</b> Page 279	<b>Disc Sanding Pad 51346</b> Locking-Type Page 242	<b>Vacuum Shroud Kit 54603</b> Page 221
<b>Pistol Grip Disc Sander</b> Model 50321 11,000 RPM, .7 hp Page 79	<b>4-1/2" - 5" Diameter Abrasive Discs Center Hole</b> Page 280	<b>Disc Pad Assembly 50267</b> Page 242	<b>Motor Tune-Up Kit 96047</b> Page 267
<b>Disc Sander</b> Model 52563 Right Angle, 6,000 RPM, 1 hp Page 80	<b>7" Diameter Abrasive Discs Center Hole</b> Page 280	<b>Disc Sanding Pad 51151</b> Page 242	<b>Gear Oil 95848</b> Page 254

DISC SANDERS

## ESSENTIAL ACCESSORIES

<b>Metal Capture Downdraft Station</b> 64350 Page 208	<b>Air Lube (10W/NR) 95842</b> Page 254	<b>Dynūba 100 60005</b> Page 254	<b>Dynaswivel® 94300</b> Page 223	<b>Filter-Regulator-Lubricator 10681</b> Page 224
				
	<b>Dynūba 26 60020</b> Page 254	<b>Coupler/Plug Assemblies 95676, 97572</b> Page 228	<b>Air Hose Assemblies 94863, 94852, 94892</b> Page 225	
				

# Disc Sanding Pads and Assemblies

Follow Tool RPM and Abrasive Maximum Operating Speed as Guidelines

## Thermoplastic Pads

- Accepts abrasive discs with 7/8" (22 mm) center hole.
- Fins help expel heat from disc pad extending disc life.
- Flange nut included.



Pad Diameter	Part Number	Pad MOS RPM	Center Hole Diameter	Female Thread	Density
4-1/2" (114 mm)	50150	13,000		M14 x 2	Medium
	50288	13,000	5/8"		Hard
	50289	13,000		3/8"-24	Hard
	51148	13,000	5/8"		Medium
	51149	13,000		5/8"-11*	Medium
5" (127 mm)	50151	12,000		M14 x 2	Medium
	50296	12,000	5/8"		Hard
	51150	12,000	5/8"		Medium
7" (178 mm)	50152	8,500		M14 x 2	Medium
	50297	8,500	5/8"		Hard
	51151	8,500	5/8"		Medium

\*Includes 51152 Adapter for mounting to 3/8"-24 spindle

## Rubber Molded Pad with Spiral Ribs

- Accepts abrasive discs with 7/8" (22 mm) center hole.
- Spiral ribs provide contact points and form air-flow channels, extending disc life.
- Slotted hub draws cool air behind disc.
- Flange nut included.



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
4-1/2" (114 mm)	50157	13,500	M14 x 2	Medium
	50281	13,500	5/8"-11 Female	Medium
5" (127 mm)	50282	13,000	5/8"-11 Female	Medium
	50317	10,000	M14 x 2	Medium
7" (178 mm)	50283	8,600	5/8"-11 Female	Medium

## 50261 Fibre Disc Phenolic Backing Pad

### 4-1/4" (108 mm) Dia. Pad

- Accepts center hole abrasive discs.
- 5/8"-11 female thread.
- Includes **50267 Pad Assembly** with 50268 Locking Nut. (50267 Assembly included with 50321 Disc Sander.)



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
4-1/4" (108 mm)	50261	25,000	5/8"-11 Female	Hard

## 50111 Disc Pad Conversion Assembly

### 2" (51 mm) Dia. Pad

- Includes 50107 PSA Disc Pad and 50103 Pad Adapter. Converts 1/4"-20 female thread to 1/4" dia. shank, for use with Collets and Chucks.



## Pads for PSA-Type Discs

### 2" (51 mm) Dia. Pad

- Easy application and removal of disc. Remove the disc's liner to reveal a pressure-sensitive adhesive coating. Peel the old disc off the pad, and press on the new disc!



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
2" (51 mm)	50107	20,000	1/4"-20 Female	Medium
	50109	20,000	3/8"-24 Female	Medium

## Pads for Locking-Type Discs

### 2" (51 mm), 3" (76 mm) and 4" (102 mm) Dia. Pads

- A quick turn of the disc locks it into place.
- 2" (51 mm) and 3" (76 mm) dia. pads include 50103 Pad Adapter to convert 1/4"-20 female thread to 1/4" dia. shank, for use with Collets and Chucks.



Pad Diameter	Part Number	Pad MOS RPM	Thread	Density
2" (51 mm)	51344*	30,000	1/4"-20 Female	Medium
	51345	30,000	3/8"-24 Female	Medium
3" (76 mm)	51346*	20,000	1/4"-20 Female	Medium
	51347	20,000	3/8"-24 Female	Medium
4" (102 mm)	50191	12,000	3/8"-24 Female	Medium
	50192	12,000	3/8"-24 Female	Hard

\*Includes 50103 Pad Adapter to convert 1/4"-20 female thread to 1/4" dia. shank for use with collets and chucks

