3M Science. Applied to Life.™

# 3M™ Power Tools and Accessories

**A full family of innovative tools to optimize abrasive performance and maximize productivity.**

# 3M™ Replacement Parts

**Benefits**

- Detailed schematic and parts list found in the tool instruction manual make it easy to identify the part(s) you need
- Each and every part is available individually and in stock
- Replacement parts are easy to find and order online 24/7 at 3M.com/PowerTools
- Genuine 3M replacement parts will provide new tool performance after maintenance and repair tasks are performed

Genuine 3M™ Replacement Parts are engineered specifically for your 3M™ Power Tools. All replacement parts meet the same specifications and design criteria as the original components. You can be assured the replacement parts will be identical in terms of fit, form, and function in comparison to the original parts, which will get your 3M™ Power Tools back in action.

# Table of Contents


**Metalworking Tools and Accessories ..... 2–14**

Metalworking Performance Comparison ..... 2
3M™ Cut-Off Wheel Tools ..... 2
3M™ Grinders — Type 27 ..... 3
Versatile Attachment System ..... 5
3M™ Disc Sanders ..... 4–6
Disc Sander Accessories ..... 7–9
3M™ Match and Finish Sander ..... 9
Match and Finish Sander Accessories ..... 9
3M™ Inline Sander ..... 10
Inline Sander Accessories ..... 10
3M™ File Belt Sander and Kit ..... 11
File Belt Sander Accessories ..... 11
3M™ Die Grinders ..... 12–13
Die Grinder Accessories ..... 14

**Surface Preparation Tools and Accessories ..... 15–25**

3M™ Random Orbital Sanders — Elite Series ..... 15–16
3M™ Random Orbital Sanders — Original Series ..... 17
Random Orbital Sander Accessories ..... 17–19
3M™ Orbital Sanders — Elite Series ..... 20
Orbital Sander Accessories ..... 20
3M™ Orbital Sanders — Original Series ..... 21
Orbital Sander Accessories ..... 21
3M™ Random Orbital Sander, 2-Hand ..... 22
3M™ Mini Sanders ..... 22
Mini Sander Accessories ..... 22
Orbital/Random Orbital Sander Accessories ..... 23
3M™ Buffers ..... 24
Buffer Accessories ..... 24–25

**Repair and Refurbish Service ..... 26–30**

3M™ Power Tool Repair and Refurbish Service ..... 26
Refurbish Part Numbers List ..... 26–30

**Maintenance and Repair Accessories ..... 31–34**

General Pneumatic Tool Accessories ..... 31
General Sanding Tips ..... 31
Metalworking Tool Accessories ..... 32
File Belt Sander Accessories ..... 33
Orbital/Random Orbital Sander Accessories ..... 34

**Quick Reference (tear-out sheet) ..... 35–36**

3M™ Power Tools ..... 35
3M™ Power Tool Accessories ..... 36

**Index ..... 37–40**

Part Number Index ..... 37–38
UPC Number Index ..... 39–40

**Safety Precautions ..... 41**

# Metalworking Performance Comparison

Least Aggressive

Most Aggressive

| | | | |
|---|---|---|---|
| **0.3 HP** | | | |
| | **Light Blending and Finishing** | Mostly Surface Conditioning Discs | 2" Discs |
| **0.5 HP** | | | |
| | **Light Grinding and Deburring** | Surface Conditioning/ Coated Abrasive Discs | 3" Discs |
| **1.0 HP** | | | |
| | **Grinding** | Mostly Coated Abrasive Discs | 4" to 4-1/2" Discs and Wheels |
| **1.5 HP** | | | |
| | **Grinding** | Fibre Discs/ Bonded Wheels | 4-1/2" to 5" Discs and Wheels |

# 3M™ Cut-Off Wheel Tools

### 3M™ Cut-Off Wheel Tools

- Easily cuts through everything from standard rebar to oversized bolts
- Exclusive 3M™ Gripping Material for added comfort
- Model 28826 provides greater versatility and control with right angle head and easily repositionable guard

20233

28771

28826

| | Model No. | Tool Dia. Inch (mm) | Motor HP (W) | Max RPM | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Air Inlet Thread | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *NEW* | 20233 | 3 (76) | 1 (744) | 25,000 | 37 (1,048) | 91 (102) | 2.6 (1.2) | 8 (197) | 3 (76) | 3/8" NPT | 051141-20233-4 |
| *NEW* | 28771 | 4 (100) | 1 (744) | 19,000 | 37 (1,048) | 90 (102) | 2.7 (1.2) | 8 (197) | 3 (83) | 3/8" NPT | 051141-28771-3 |
| | 28826 | 4-1/2–5 (115–125) | 1.5 (1,120) | 12,000 | 40 (1,133) | 84 (92) | 5.5 (2.5) | 11 (279) | 4 (111) | 1/2" NPT | 051141-28826-0 |

## Features of 1.5 HP Tools

1. Insulated rear handle with 3M™ Gripping Material
2. Aerospace grade aluminum and surface coating (MIL-A-8625, Type III)
3. Fully machined angle head and motor housing provides superior strength and durability
4. Spindle lock and provided spanner wrench make abrasive changes easy
5. Oiler screw and 3M™ Gear Oil 28827 eliminates messy grease guns and tubes; Drops of oil provided to angle head can be visually confirmed, ensuring appropriate lubrication has been applied
6. Quick release clamp allows the infinitely adjustable guard to be repositioned without the use of hand tools
7. Spindle-mounted autobalancer and vibration isolating side handle minimizes vibration felt by the operator

# 3M™ Grinders — Type 27

### 3M™ Grinders — Type 27

- Heavy duty gear heads for added durability under high force applications
- 3M™ Gripping Material for reduced vibration and a secure grip with less effort
- Repositionable steel guards for better visibility

28403/28405

28824

| | Model No. | Tool Dia. Inch (mm) | Motor HP (W) | Max RPM | Air Flow Rate SCFM (LPM) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Air Inlet Thread | Thread Size | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | 28403 | 4 (100) | 1 (744) | 12,000 | 37 (1,048) | 3.5 (1.6) | 9 (216) | 5 (114) | 3/8" NPT | 3/8–24 EXT | 051141-28403-3 |
| NEW | 28405 | 4-1/2 (114.3) | 1 (744) | 12,000 | 37 (1,048) | 3.7 (1.7) | 9 (216) | 5 (119) | 3/8" NPT | 5/8–11 EXT | 051141-28405-7 |
| | 28824 | 4-1/2–5 (114.3–127) | 1.5 (1,120) | 12,000 | 40 (1,133) | 5.3 (2.4) | 11 (279) | 4 (105) | 1/2" NPT | 5/8–11 EXT | 051141-28824-6 |

**Internal Feature:** Kevlar reinforced vanes increase tool life and help to provide consistent power

## Features of 2nd Generation 0.3 HP and 0.5 HP Disc Sanders

1. Ergonomic black jacket dampens vibration and insulates operator from temperature extremes
2. Ergonomic safety lever
3. 3M™ Gripping Material improves grip under greasy, wet or dirty operating conditions
4. 97° heavy-duty head design provides optimal work piece visibility and ergonomics
5. Larger gear sets, spindle bearings and new seals (for increased durability)
6. Direct backup pad/abrasive mount to tool creates less vibration and makes tool easier to control

## Features of 2nd Generation 1 HP Right Angle Tools

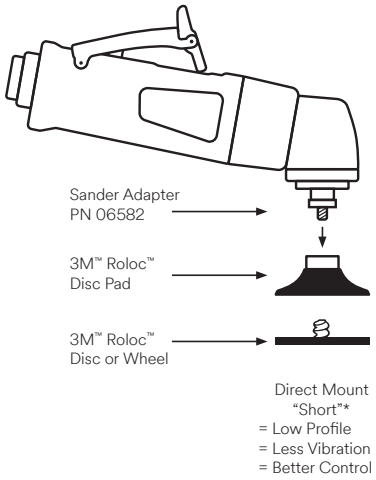
1. Fully machined steel motor housing provides strength and durability
2. Wrench flats and overhose interface allow easier maintenance and compatibility with accessories
3. Spindle shaft and housing o-ring seal minimize external containments from entering the tool
4. 3M™ Gripping Material improves grip under greasy, wet or dirty operating conditions
5. No maintenance required. Heavy duty gearsets designed to last the life of the tool.

**Internal Feature:** Kevlar reinforced vanes increase tool life and help to provide consistent power

# Versatile Attachment System

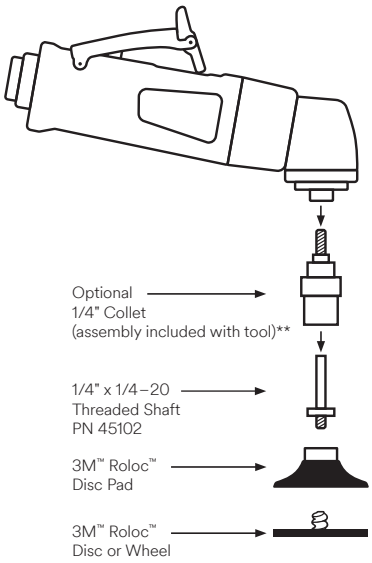
### SHORT*

**"Direct Mount" Backup Pad Attachment:**
Shorter distance to the work piece generates less vibration and allows for better operator control.

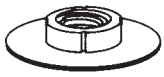



### TALL

**1/4" Collet Option:**
Allows for longer reach and mounting of other abrasives and 1/4" accessories.




*Direct mount to disc pad.
**For other collet inserts see Owners Manual for part numbers.

| 3M™ Roloc™ Attachment Systems | | | | |
|---|---|---|---|---|
| | |  | | |
| | TR | TS | TSM | TP |

# 3M™ Disc Sanders

### 3M™ Disc Sanders

- 3M™ Gripping Material for reduced vibration and a secure grip with less effort
- 97° head for decreased wrist strain
- Easy-handling, compact design for less vibration
- 3M™ Roloc™ Disc Pads can directly mount to sander without collet
- 1/4" collet included with all 2" and 3" disc sanders

28328/28341

28329/20231

28408

28825

| | Model No. | Tool Dia. Inch (mm) | Motor HP (W) | Max RPM | Air Flow Rate SCFM (LPM) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Air Inlet Thread | Collet Size | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 28341 | 2 (51) | 0.3 (224) | 20,000 | 17 (481) | 1.1 (0.5) | 6 (150) | 3 (63) | 1/4" NPT | 1/4" | 051141-28341-8 |
| | 28328 | 2–3 (51–76) | 0.3 (224) | 12,000 | 17 (481) | 1.1 (0.5) | 7 (172) | 3 (64) | 1/4" NPT | 1/4" | 051141-28328-9 |
| | 20231 | 2 (51) | 0.5 (372) | 20,000 | 26 (736) | 1.3 (0.6) | 7 (172) | 3 (70) | 1/4" NPT | 1/4" | 051141-20231-0 |
| | 28329 | 2–3 (51–76) | 0.5 (372) | 12,000 | 26 (736) | 1.3 (0.6) | 7 (172) | 3 (70) | 1/4" NPT | 1/4" | 051141-28329-6 |
| NEW | 20232 | 2–3 (51–76) | 1 (744) | 15,000 | 37 (1,048) | 3.1 (1.4) | 8 (210) | 3 (83) | 3/8" NPT | 1/4" | 051141-20232-7 |
| NEW | 28408 | 4–5 (100–127) | 1 (744) | 12,000 | 37 (1,048) | 3.1 (1.4) | 8 (210) | 4 (107) | 3/8" NPT | 1/4" | 051141-28408-8 |
| | 28825 | 4-1/2–5 (114.3–127) | 1.5 (1,120) | 12,000 | 40 (1,133) | 4.9 (2.2) | 11 (279) | 4 (102) | 1/2" NPT | 1/4" | 051141-28825-3 |

# 3M™ Disc Sanders

## 3M™ Pistol Grip Disc Sander

- Lightweight, low cost alternative to production tools for customers who need a tool for spot duty or intermittent use
- Excellent balance and generates less noise and vibration than other disc sanders
- Durable composite body for ergonomic feel
- Dual mount feature allows user to switch between direct mount (for maximum control) and collet mount (for extended reach); 1/4" collet included

28547

| Model No. | PSI | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Thread Size | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28547 | 90 | 3 (76) | 15,000 | 0.45 (336) | Rotary | 23 (651) | 74 (85) | 1.8 (0.8) | 5 (122) | 5 (136) | 1/4–20 EXT | 051141-28547-4 |

## 3M™ Pistol Grip Random Orbital Disc Sander

- Primarily intended for sanding in the automotive market
- Powerful, lightweight tool with excellent balance
- Durable composite body for ergonomic feel
- Pistol grip design allows you to sand in hard-to-reach areas such as those found in door jambs, bumpers, headlight lens, etc. with ease

28353

| Model No. | PSI | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Thread Size | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28353* | 90 | 3 (76) | 15,000 | 0.45 (336) | 1/8 (3) | 22 (623) | 75 (82) | 1.8 (0.8) | 5 (122) | 5 (136) | 5/16–24 EXT | 051141-28353-1 |

*Replacement Pad PN20427

## Collet Insert Availability for 3M™ Disc Sanders

| Tool Model No. | HP | RPM | Length | Collet Insert Size and Part Number | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 1/4" (06528) | 1/8" (06529) | 3/16" (06530) | 3 mm (06540) | 6 mm (06541) |
| 28341 | 0.3 | 20,000 | Regular | ■ | ■ | ■ | ■ | ■ |
| 28328 | 0.3 | 12,000 | Regular | ■ | ■ | ■ | ■ | ■ |
| 20231 | 0.5 | 20,000 | Regular | ■ | ■ | ■ | ■ | ■ |
| 28329 | 0.5 | 12,000 | Regular | ■ | ■ | ■ | ■ | ■ |
| 20232 | 1 | 15,000 | Regular | ■ | ■ | ■ | ■ | ■ |

# Disc Sander Accessories

## 3M™ Disc and Wheel Accessories

| Part No. | Size | Description | For Use With |
|---|---|---|---|
| 28476 | 2-1/2" Diameter, 5/8–11 INT | Disc Pad Hub — Low Profile | Fibre Discs, 4-1/2" and 5" |
| 45205 | 2-1/2" Diameter, 5/8–11 INT | Disc Pad Hub — Standard Profile | Fibre Discs, 4-1/2" and 5" |
| 28442 | 2-1/2" Diameter, 3/8–24 INT | Disc Pad Hub — Low Profile | Fibre Discs, 4-1/2" and 5" |
| 28656 | 4" Diameter | Disc Pad Face Plates — Ribbed; Red; Extra Hard | Fibre Discs, 4" x 7/8" CH |
| 28657 | 4" Diameter | Disc Pad Face Plates — Ribbed; Black; Hard | Fibre Discs, 4" x 7/8" CH |
| 28658 | 4" Diameter | Disc Pad Face Plates — Ribbed; Gray; Medium | Fibre Discs, 4" x 7/8" CH |
| 28443 | 4-1/2" Diameter | Disc Pad Face Plates — Ribbed; Red; Extra Hard | Fibre Discs, 4-1/2" x 7/8" CH |
| 14270 | 4-1/2" Diameter | Disc Pad Face Plates — Smooth; Black; Hard | Fibre Discs, 4-1/2" x 7/8" CH |
| 13325 | 4-1/2" Diameter | Disc Pad Face Plates — Smooth; Gray; Medium | Fibre Discs, 4-1/2" x 7/8" CH |
| 81732 | 5" Diameter | Disc Pad Face Plates — Ribbed; Red; Extra Hard | Fibre Discs, 5" |
| 81733 | 5" Diameter | Disc Pad Face Plates — Ribbed; Black; Hard | Fibre Discs, 5" |
| 81734 | 5" Diameter | Disc Pad Face Plates — Ribbed; Gray; Medium | Fibre Discs, 5" |
| 51047 | 5/8–11 INT | Disc Retainer Nuts — 5/16" Depth | Fibre Discs, 4-1/2" and 5" |
| 05622 | 5/8–11 INT | Disc Retainer Nuts — 3/8" Depth | Fibre Discs, 4-1/2" and 5" |
| 56573 | 4-1/2" Diameter | NTN Backup Pad | 3M™ Abrasives with Tinneman Nut Attachment, 4-1/2" (Excludes 3M™ Green Corps™ and General Purpose Wheels) |
| 50146 | 4-1/2" Diameter | 3M™ Green Corps™ Flexible Grinding Disc Backup Plate | Bonded Wheels, 4-1/2" |
| 88765 | 5/8–11 INT | Flap Disc Adaptor Nut | Flap Discs, 4-1/2" x 7/8" CH |
| 28739 | 1" x 5/8" x 3/8–24 INT | Flange Nuts | Wheels, 4" x 5/8" CH on 4" Grinders 28403 and 28413 |
| 28740 | 1" x 5/8–11 INT | Flange Nuts | Wheels, 4" x 5/8" CH on 4-1/2" Grinders 28405 and 28414 |

## 3M™ Disc Pad Holders (Hook and Loop)

| | Part No. | Size | Thickness | Thread Size | Density | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|
| | 9215 | 1-1/2" x 1/4" Shank | 1/8" | — | Firm | 5 | 048011-04130-8 | 10 |
| | 922 | 2" x 1/4" Shank | 1/8" | — | Firm | 5 | 048011-07494-8 | 1 |
| | 923 | 3" x 1/4" Shank | 1/8" | — | Firm | 5 | 048011-04132-2 | 1 |
| | 924 | 4" x 1/4" Shank | 1/16" | — | Firm | 5 | 048011-07492-4 | 5 |
| | 914 | 4" x 3/8" CH | 1/8" | 5/8–11 INT | Firm | 7 | 048011-05674-6 | 1 |
| | 9145 | 4-1/2" x 3/8" CH | 1/8" | 5/8–11 INT | Firm | 7 | 048011-14111-4 | 1 |
| | 905 | 5" | 1/4" | 5/16–24 EXT | Medium | 7 | 048011-09448-9 | 1 |
| NEW | 28890 (915CP) | 5" x 7/8" CP* | 1/4" | 5/8–11 INT | Medium | 7 | 051141-28890-1 | 1 |
| NEW | 28891 (9145CP) | 4-1/2" x 7/8" CP* | 1/4" | 5/8–11 INT | Medium | 7 | 051141-28891-8 | 1 |
| NEW | 28892 (914CP) | 4" x 7/8" CP* | 1/4" | 5/8–11 INT | Firm | 7 | 051141-28892-5 | 1 |

*CP = Center Post, for use with 7/8" center hole Scotch-Brite™ Discs

# Disc Sander Accessories

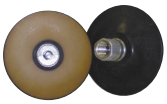
## 3M™ Roloc™ Disc Pads TR

45097

45096

45093

45091


83980

83489

28474

28475

| Part No. | Max RPM | Size Inch (mm) | Attachment | Density Rating | Thread Size | UPC | MOQ |
|---|---|---|---|---|---|---|---|
| 45097 | 25,000 | 2 (51) | TR | Extra Hard | 1/4–20 INT | 051144-45097-8 | 5 |
| 45096 | 25,000 | 2 (51) | TR | Hard | 1/4–20 INT | 051144-45096-1 | 5 |
| 45093 | 20,000 | 3 (76) | TR | Extra Hard | 1/4–20 INT | 051144-45093-0 | 5 |
| 45091 | 20,000 | 3 (76) | TR | Hard | 1/4–20 INT | 051144-45091-6 | 5 |
| 83980 | 12,000 | 4 (102) | TR | Extra Hard | 5/8–11 INT* | 051144-83980-3 | 5 |
| 83489 | 12,000 | 4 (102) | TR | Hard | 5/8–11 INT* | 051144-83489-1 | 5 |
| 28474 | 12,000 | 4 (102) | TR | Hard | 3/8–24 INT* | 051141-28474-3 | 5 |
| 28475 | 12,000 | 4 (102) | TR | Extra Hard | 3/8–24 INT* | 051141-28475-0 | 5 |

*Extended thread; no spacers required

## 3M™ Roloc™ Disc Pads TS/TSM

77728

14212

14216

| Part No. | Max RPM | Size Inch (mm) | Attachment | Density Rating | Thread Size | UPC | MOQ |
|---|---|---|---|---|---|---|---|
| 77728 | 30,000 | 1-1/2 (38) | TS/TSM | Hard | 1/4–20 INT | 051144-77728-0 | 5 |
| 14212 | 25,000 | 2 (51) | TS/TSM | Hard | 1/4–20 INT | 051144-14212-5 | 5 |
| 14216 | 20,000 | 3 (76) | TS/TSM | Hard | 1/4–20 INT | 051144-14216-3 | 5 |
| 28576 | 12,000 | 4 (102) | TS/TSM | Hard | 3/8–24 INT | 051141-28576-4 | 5 |
| 28577 | 12,000 | 4 (102) | TS/TSM | Extra Hard | 3/8–24 INT | 051141-28577-1 | 5 |
| 28578 | 12,000 | 4 (102) | TS/TSM | Hard | 5/8–11 INT | 051141-28578-8 | 5 |
| 28579 | 12,000 | 4 (102) | TS/TSM | Extra Hard | 5/8–11 INT | 051141-28579-5 | 5 |

## 3M™ Roloc™ Cool Running Disc Pads

82974

82975

02286

28473

28580

| Part No. | Max RPM | Size Inch (mm) | # of Holes | Attachment | Density Rating | Thread Size | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|
| 82974 | 20,000 | 2 (51) | 6 | TR | Medium | 1/4–20 INT | 051144-82974-3 | 5 |
| 28711 | 20,000 | 2 (51) | 6 | TS/TSM | Hard | 1/4–20 INT | 051141-28711-9 | 5 |
| 82975 | 12,000 | 3 (76) | 6 | TR | Medium | 1/4–20 INT | 051144-82975-0 | 5 |
| 28710 | 12,000 | 3 (76) | 6 | TS/TSM | Hard | 1/4–20 INT | 051141-28710-2 | 5 |
| 02286 | 15,000 | 4 (102) | 8 | TR | Hard | 3/8–24 INT | 051111-56479-0 | 5 |
| 28473 | 15,000 | 4 (102) | 8 | TR | Hard | 5/8–11 INT* | 051141-28473-6 | 5 |
| 28580 | 15,000 | 4 (102) | 8 | TS/TSM | Hard | 3/8–24 INT | 051141-28580-1 | 5 |
| 28581 | 15,000 | 4 (102) | 8 | TS/TSM | Hard | 5/8–11 INT* | 051141-28581-8 | 5 |

*Extended thread; no spacers required

# Disc Sander Accessories

## 3M™ Hookit™ Roloc™ Disc Pads TR

| Part No. | Max RPM | Max OPM | Size Inch (mm) | Attachment | Shape | Density Rating | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|---|
| 82564 | 8,000 | 10,000 | 1 (25) | TR | 15° | Medium | 2 | 051144-82564-6 | 10 |
| 67415 | 10,000 | 10,000 | 1-1/16 (27) | TR | 15° | Medium | 1 | 051111-60311-6 | 20 |
| 82565 | 8,000 | 10,000 | 1-1/2 (38) | TR | 15° | Medium | 2 | 051144-82565-3 | 5 |
| 82566 | 8,000 | 10,000 | 2 (51) | TR | 15° | Medium | 2 | 051144-82566-0 | 5 |
| 82567 | 8,000 | 10,000 | 3 (76) | TR | 15° | Medium | 2 | 051144-82567-7 | 1 |

## 3M™ Disc Holder Adapter No. 9

Converts your 3/8–24 disc sander to accept 5/8–11 disc pads

22970

| Part No. | Thread Size | UPC | MOQ |
|---|---|---|---|
| 22970 | 5/8–11 EXT x 3/8–24 INT | 048011-22970-6 | 1 |

## 3M™ Roloc™ Shank

45102

| Part No. | Shank Size | Thread Size | UPC | MOQ |
|---|---|---|---|---|
| 45102 | 1/4" | 1/4–20 EXT | 051144-45102-9 | 5 |

# 3M™ Match and Finish Sander

28659

## 3M™ Match and Finish Sander

- Easy-to-operate tool for generating straight line finishes for stainless steel and other metals
- Use with Scotch-Brite™ Match and Finish Flap Brushes and 3M™ Rubber Slotted Expander Wheels

| | Model No. | Max RPM | Motor HP (W) | Air Flow Rate SCFM (LPM) | Weight Pound (kg) | Length Inch (mm) | Air Inlet Thread | Shaft Size | UPC |
|---|---|---|---|---|---|---|---|---|---|
| NEW | 28659 | 3,500 | 1 (744) | 37 (1,048) | 5.6 (2.5) | 14 (343) | 3/8" NPT | 5/8–11 EXT | 051141-28659-4 |

# Match and Finish Sander Accessories

## 3M™ Rubber Slotted Expander Wheel and Adapter Kit

| Part No. | Size | Description | UPC |
|---|---|---|---|
| 28718 | 5" x 3-1/2" x 1" AH | Rubber slotted expander wheel for use with 3-1/2" x 15-1/2" belts | 051141-28718-8 |
| 28719 | 1" x 5/8–11 INT | Wheel Adapter Kit to mount 28718 wheel on 3M™ Match and Finish Sander | 051141-27819-5 |

# 3M™ Inline Sander

28339

### 3M™ Inline Sander — 1 HP (744W)

- Generate straight line scratches for finishing stainless steel and other metals
- Use with inflatable or slotted wheel accessories and many other wheel products

| | Model No. | Max RPM | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Air Inlet Thread | Shaft Size | UPC |
|---|---|---|---|---|---|---|---|---|---|
| *NEW* | 28339 | 3,500 | 37 (1,048) | 90 (102) | 3.3 (1.5) | 9 (216) | 3/8" NPT | 5/8"–11 EXT | 051141-28339-5 |

# Inline Sander Accessories

77722 28348 28349 28718

### 3M™ Rubber Slotted Expander Wheels

| Part No. | Size | Description | UPC |
|---|---|---|---|
| 77722 | 3" x 3" x 5/8–11 INT | Rubber slotted expander wheel for use with 3" x 3" bands | 051144-77722-8 |
| 28348 | 5" x 3-1/2" x 5/8" AH | Rubber slotted expander wheel for use with 3-1/2" W x 15-1/2" L belts | 051141-28348-7 |
| 28349 | 3-2/5" x 3" x 5/8" AH | Rubber slotted expander wheel for use with 3" W x 10-11/16" L belts | 051141-28349-4 |
| 28718 | 5" x 3-1/2" x 1" AH | Rubber slotted expander wheel for use with 3-1/2" W x 15-1/2" L belts | 051141-28718-8 |

### 3M™ Wheel Adapter Kits*

- Fits wheels with 5/8" or 1" AH

| Part No. | Thread Size | Description | UPC | Case Quantity |
|---|---|---|---|---|
| 45038 | 5/8–11 INT x 5/8–11 EXT | For use with Expander Wheels | 051144-45038-1 | 1 |
| 04019 | 5/8–11 INT x 5/8–11 EXT | For use with Scotch-Brite™ Wheels | 048011-04019-6 | 1 |
| 28419 | 5/8–11 INT x 1/2–20 EXT | For use with 1/2" Center Hole Wheels | 051141-28419-4 | 1 |

45038

*Kits include spacers, flanges and end nuts to mount expander wheels and other Scotch-Brite™ Wheels.

### 3M™ Replacement Spacers

| Part No. | Description | UPC | Case Quantity |
|---|---|---|---|
| 28636 | 1" OD x 5/8" ID x 3/8" thick | 051141-28636-5 | 1 |
| 28637 | 1" OD x 5/8" ID x 3/16" thick | 051141-28637-2 | 1 |

28636

28637

# 3M™ File Belt Sander and Kit

## 3M™ File Belt Sander and Kit

- Great for deburring, cleaning, blending and finishing in tight or hard-to-reach areas
- Balanced weight distribution and 3M™ Gripping Material for improved ergonomics and reduced wrist strain
- 360° rotatable housing and handle for the ultimate in versatility
- Attached belt cover won't fall off during belt changes
- Optimized belt speed for 3M™ Abrasive Belts and Scotch-Brite™ Belts

28366

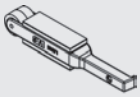
28367

| Model No. | Motor | Max RPM | Belt Speed SFPM (SMM) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Width Inch (mm) | UPC |
|---|---|---|---|---|---|---|---|---|---|---|
| 28366 | 0.6 HP | 22,000 | 4990 (1521) | 28 (793) | 81 (90) | 2.8 (1.3) | 15 (370) | 3 (75) | 6 (151) | 051141-28366-1 |
| 28367 | Kit includes Molded Case, File Belt Sander (PN28366) and two Attachment Arms (PNs 28368, 28370) | | | | | | | | | 051141-28367-8 |

# File Belt Sander Accessories

28370/27372 28374 28369 28368 28371 28375

## 3M™ File Belt Sander Attachment Arms

| | Part No. | Use With Belt Size | Description | UPC | Case Quantity |
|---|---|---|---|---|---|
| | 28368 | 1/2" x 18" | **Standard Style:** Standard arm included with 3M™ File Belt Sander (PN28366). Sand with contact wheel or platen. | 051141-28368-5 | 1 |
| | 28369 | 1/2" x 18" | **Thin Style:** Thinner than standard arm. Sand with contact wheel or platen. | 051141-28369-2 | 1 |
| | 28370 | 1/8" x 18"<br>1/4" x 18"<br>1/2" x 18" | **Corners Style:** Sand corners and grooves with contact wheel. Accommodates three belt widths. | 051141-28370-8 | 1 |
|  | 28371 | 5/8" x 18"<br>3/4" x 18" | **Thick Standard Style:** Thicker than standard arm. Sand with contact wheel or platen. Accommodates two belt widths. | 051141-28371-5 | 1 |
| | 28372 | 1/8" x 18"<br>1/4" x 18" | **Corners Style:** Sand corners and grooves with contact wheel. Accommodates two belt widths. | 051141-28372-2 | 1 |
| | 28374 | 1/2" x 18" | **Curved Arm:** Unique curved arm used for blending flat areas. Sand with contact wheel or platen. | 051141-28374-6 | 1 |
| | 28375 | 1/4" x 24"<br>1/2" x 24" | **Vessel Arm:** Unique large arm used for blending weld seams. Sand with 4" contact wheel. Includes tracking/control knob. Accommodates two belt widths. | 051141-28375-3 | 1 |

## 3M™ File Belt Sander Extension

| | Part No. | Description | UPC | Case Quantity |
|---|---|---|---|---|
| | 28376 | Use to extend arms to 24" length. Can be used with same attachment arm used for 18" length arms. | 051141-28376-0 | 1 |

28376

**Internal Feature:** Kevlar reinforced vanes increase tool life and help to provide consistent power

## Features of 2nd Generation 0.3 HP and 0.5 HP Die Grinders

1. Ergonomic black jacket dampens vibration and improved grip
2. Ergonomic safety lever
3. 3M™ Gripping Material improves grip under greasy, wet or dirty operating conditions
4. Shrouded clamp nut resists debris entry into tool

**Internal Feature:** Kevlar reinforced vanes increase tool life and help to provide consistent power

## Features of 2nd Generation 1 HP Die Grinders

1. Fully machined steel motor housing provides strength and durability
2. Wrench flats and overhose interface allow easier maintenance and compatibility with accessories
3. Spindle shaft and housing o-ring seal minimize external containments from entering the tool
4. 3M™ Gripping Material improves grip under greasy, wet or dirty operating conditions

# 3M™ Die Grinders

## 3M™ Die Grinders — 0.3 HP (224W)

- Ideal for light-duty applications such as deburring, blending, finishing and polishing in intricate and hard-to-reach areas
- Exclusive 3M™ Gripping Material reduces vibration and provides a more secure grip

| Model No. | Max RPM | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Air Inlet Thread | Collet Size | UPC |
|---|---|---|---|---|---|---|---|---|---|
| 28630 | 25,000 | 17 (481) | 86 (98) | 1.4 (0.6) | 10 (248) | 1 (35) | 1/4" NPT | 1/4"† | 051141-28630-3 |
| 28629 | 25,000 | 17 (481) | 78 (90) | 0.9 (0.4) | 6 (152) | 1 (35) | 1/4" NPT | 1/4"† | 051141-28629-7 |
| 28628 | 18,000 | 17 (481) | 80 (92) | 1.5 (0.7) | 11 (267) | 1 (35) | 1/4" NPT | 1/4"† | 051141-28628-0 |
| 28627 | 18,000 | 17 (481) | 79 (91) | 1.2 (0.5) | 7 (184) | 1 (35) | 1/4" NPT | 1/4"† | 051141-28627-3 |

†Includes 1/8" collet insert (PN55772)

## 3M™ Die Grinders — 0.5 HP (372W)

- Ideal for medium-duty applications such as polishing, buffing, shaping and deburring
- Exclusive 3M™ Gripping Material reduces vibration and provides a more secure grip

| Model No. | Max RPM | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Air Inlet Thread | Collet Size | UPC |
|---|---|---|---|---|---|---|---|---|---|
| 28330 | 18,000 | 26 (736) | 87 (99) | 1.1 (0.5) | 7 (175) | 3 (70) | 1/4" NPT | 1/4" | 051141-28330-2 |
| 28331 | 18,000* | 26 (736) | 87 (99) | 1.5 (0.7) | 11 (270) | 3 (70) | 1/4" NPT | 1/4" | 051141-28331-9 |
| 28332 | 4,000 | 26 (736) | 87 (99) | 1.6 (0.7) | 9 (200) | 3 (70) | 1/4" NPT | 1/4" | 051141-28332-6 |

*With extension

## 3M™ Die Grinders — 1 HP (744W)

- Excellent for big jobs such as weld or stock removal
- Exclusive 3M™ Gripping Material reduces vibration and provides a more secure grip

| | Model No. | Max RPM | Air Flow Rate SCFM (LPM) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Air Inlet Thread | Collet Size | UPC |
|---|---|---|---|---|---|---|---|---|---|
| NEW | 20237 | 20,000 | 37 (1,048) | 2.0 (0.9) | 8 (197) | 3 (73) | 3/8" NPT | 1/4" | 051141-20237-2 |
| NEW | 20238 | 18,000 | 37 (1,048) | 2.0 (0.9) | 8 (197) | 3 (73) | 3/8" NPT | 1/4" | 051141-20238-9 |
| NEW | 28770 | 18,000 | 37 (1,048) | 3.0 (1.4) | 13 (318) | 3 (73) | 3/8" NPT | 1/4" | 051141-28770-6 |
| NEW | 20239 | 12,000 | 37 (1,048) | 2.6 (1.2) | 9 (200) | 3 (81) | 3/8" NPT | 1/4" | 051141-20239-6 |
| NEW | 20240 | 8,000 | 37 (1,048) | 2.6 (1.2) | 9 (200) | 3 (81) | 3/8" NPT | 1/4" | 051141-20240-2 |

## Collet Insert Availability for 3M™ Die Grinders

| Tool Model No. | HP | RPM | Length | Collet Insert Size and Part Number | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1/8" (06573) | 1/8" (55772) | 3/16" (06574) | 1/4" (06575) | 1/4" (55752) | 3/8" (06545) | 3 mm (06576) | 6 mm (06577) | 8 mm (06546) |
| 28630 | 0.3 | 25,000 | Extended | | ■ | | | ■ | | | | |
| 28629 | 0.3 | 25,000 | Regular | | ■ | | | ■ | | | | |
| 28628 | 0.3 | 18,000 | Extended | | ■ | | | ■ | | | | |
| 28627 | 0.3 | 18,000 | Regular | | ■ | | | ■ | | | | |
| 28330 | 0.5 | 18,000 | Regular | ■ | | ■ | ■ | | ■ | ■ | ■ | ■ |
| 28331 | 0.5 | 18,000 | Extended | | ■ | | | ■ | | | | |
| 28332 | 0.5 | 4,000 | Regular | ■ | | ■ | ■ | | ■ | ■ | ■ | ■ |
| 20237 | 1 | 20,000 | Regular | ■ | | ■ | ■ | | ■ | ■ | ■ | ■ |
| 20238 | 1 | 18,000 | Regular | ■ | | ■ | ■ | | ■ | ■ | ■ | ■ |
| 28770 | 1 | 18,000 | Extended | ■ | | ■ | ■ | | ■ | ■ | ■ | ■ |
| 20239 | 1 | 12,000 | Regular | ■ | | ■ | ■ | | ■ | ■ | ■ | ■ |
| 20240 | 1 | 8,000 | Regular | ■ | | ■ | ■ | | ■ | ■ | ■ | ■ |

# Die Grinder Accessories

## 3M™ Die Grinder Mandrels 1/4" Shank Diameter

| For Use With | Size<br>Pilot Dia. x Pilot Length x Shank Dia. | UPC |
|---|---|---|
| Cartridge Rolls | 1/8" x 1" x 1/4" | 051144-45119-7 |
| Cartridge Rolls | 3/16" x 1" x 1/4" | 051144-45117-3 |
| Cartridge Rolls | 3/16" x 1/2" x 1/4" | 051144-45118-0 |
| Cross/Square Pads (and Cross Buffs) | 1/4" x 1/4–20 EXT thread | 051144-14308-5 |
| Cross/Square Pads (and Cross Buffs) | 1/4" x 8–32 EXT thread | 051144-14307-8 |
| Cross/Square Pads (and Cross Buffs) | 1/4" x 3–48 EXT thread | 051141-28385-2 |

For Cartridge Rolls

For Cross/Square Pads

| Part No. | For Use With | Size<br>Length x Shank Dia. x Flange Support Dia. | UPC |
|---|---|---|---|
| 936 | Deburring Wheels/Radial Bristle Discs | 2-1/16" x 1/4" x 3/4" (not pictured) | 048011-04018-9 |
| 990 | Deburring Wheels/Radial Bristle Discs | 1-3/4" x 1/4" | 048011-15012-3 |
| 944 | Stars | 1/4" x 1/4–20 EXT | 048011-13928-9 |
| 935 | Strips/Polishing Rolls | 2-7/8" x 1/4" | 048011-04020-2 |

For Deburring Wheels

For Stars

For Strips/Polishing Rolls

## 3M™ Forked Spindle

| For Use With | Size | UPC |
|---|---|---|
| Strips/Polishing Rolls | 3" x 1/16" x 1/4" | 051144-45121-0 |

Forked Spindle

## 3M™ PG Wheel Adapter 81A

| For Use With | Size | UPC |
|---|---|---|
| T-84 Flap Wheels | 1/4–20 INT thread x 1/4" shank | 051144-45081-7 |

81A

## 3M™ Rubber Cushion Polishing Wheels for Abrasive Bands

| Diameter x W x Shaft | Max RPM | UPC |
|---|---|---|
| 1/4" x 1/2" x 1/8" | 23,000 | 051144-45159-3 |
| 1/2" x 1/2" x 1/4" | 30,000 | 051144-45156-2 |
| 1/2" x 1" x 1/4" | 15,000 | 051144-45153-1 |
| 1/2" x 1-1/2" x 1/4" | 15,000 | 051144-45152-4 |
| 3/4" x 1" x 1/4" | 17,000 | 051144-45145-6 |
| 3/4" x 1-1/2" x 1/4" | 10,000 | 051144-45144-9 |
| 1" x 1" x 1/4" | 18,000 | 051144-45139-5 |
| 1" x 1-1/2" x 1/4" | 10,000 | 051144-45138-8 |
| 1-1/2" x 1" x 1/4" | 14,000 | 051144-45132-6 |
| 1-1/2" x 1-1/2" x 1/4" | 10,000 | 051144-45131-9 |
| 1-1/2" x 2" x 1/4" | 8,000 | 051144-45130-2 |
| 2" x 1" x 1/4" | 11,000 | 051144-45129-6 |

## 3M™ Rubber Slotted Expander Wheels

| Part No. | Size | Description | UPC |
|---|---|---|---|
| 77717 | 1" x 1" x 1/4" Shank | For use with 1" x 1" bands | 051144-77717-4 |
| 77718 | 1-1/2" x 1" x 1/4" Shank | For use with 1-1/2" x 1" bands | 051144-77718-1 |
| 77720 | 2" x 1" x 1/4" Shank | For use with 2" x 1" bands | 051144-77720-4 |
| 77721 | 2" x 2" x 1/4" Shank | For use with 2" x 2" bands | 051144-77721-1 |

# 3M™ Random Orbital Sanders — Elite Series

**We took our best line of air-powered 3M™ Random Orbital Sanders and made it better.**

## Upgrades from Original Series — Improved durability, ergonomics and noise level

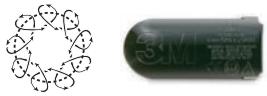
1. Aluminum housing for added durability and reduced vibration; Durable composite cover helps prevent cracked housings
2. **Recessed Lever** eliminates pinch points
3. Extended cover with **3M™ Gripping Material** allows better control with reduced effort, insulates from cold and reduces vibration
4. Safer **Thumb Wheel** mounted speed control reduces inadvertent speed changes
5. Wider port for **more efficient dust capture**
6. **Internal Muffler** results in less breakage, SGV 6 dB quieter
7. **Integrated Wrist Support** for comfort and leverage
8. Clearance for large inlet coupler
9. **Center Mount Exhaust** for more finger room, better dust collection airflow

**Bold Text** = Proprietary 3M Design Feature

## Select the orbit that's right for your project

**3/32" Diameter Orbit — Chrome Lever**
fine finish sanding

**3/16" Diameter Orbit — Silver Lever**
general purpose sanding



**5/16" Diameter Orbit — Black Lever**
aggressive sanding

**3/8" Diameter Orbit — Gold Lever**
most aggressive sanding

## Basic ROS Techniques

1) Start the tool ON the surface; stop the tool OFF the surface
2) Run the tool flat on work piece (no tipping on edge)
3) Light operator hand pressure (let the tool do the work)
4) North, south, east, west sanding pattern for a uniform, quality finish

## Troubleshooting Checklist

- ☐ Check for correct PSI and RPM
- ☐ Check airline length, leaks, fitting and inside diameter
- ☐ Check tool lubrication schedule
- ☐ Look for worn bearings
- ☐ Look for damaged disc pad
- ☐ Are the tool and disc pad diameter the same?
- ☐ Is the lever damaged or the muffler clogged?
- ☐ Is the speed control adjuster turned down?

# 3M™ Random Orbital Sanders — Elite Series

## 3M™ Elite Non-Vacuum Random Orbital Sanders

- Our top-of-the-line non-vacuum random orbital sanders featuring the latest in 3M innovation

28494/28496

28583/28495/28497/28708/28498

28582/28499/28500/28501

| Model No. | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 28494 | 3 (76) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 73 (84) | 1.5 (.7) | 6 (147) | 4 (92.5) | Hookit™ 20350 | 051141-28494-1 |
| NEW 87092 | 3 (76) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 73 (84) | 1.3 (.6) | 6 (147) | 3 (86) | Hookit™ 20350 | 051125-87092-4 |
| 28583 | 5 (127) | 12,000 | 0.28 (209) | 3/8 (9.5) | 17 (481) | 74 (85) | 1.8 (.8) | 7 (172) | 4 (91) | Stikit™ 20351 | 051141-28583-2 |
| 28495 | 5 (127) | 12,000 | 0.28 (209) | 5/16 (8) | 17 (481) | 74 (85) | 1.8 (.8) | 7 (172) | 4 (91) | Stikit™ 20351 | 051141-28495-8 |
| 28497 | 5 (127) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 74 (85) | 1.8 (.8) | 7 (172) | 4 (91) | Stikit™ 20351 | 051141-28497-2 |
| 28708 | 5 (127) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 74 (85) | 1.8 (.8) | 7 (172) | 4 (91) | Hookit™ 20352 | 051141-28708-9 |
| 28498 | 5 (127) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 74 (85) | 1.7 (.8) | 7 (172) | 4 (91) | Stikit™ 20351 | 051141-28498-9 |
| 28582 | 6 (152) | 12,000 | 0.28 (209) | 3/8 (9.5) | 17 (481) | 75 (86) | 1.9 (.9) | 7 (187) | 4 (91) | Stikit™ 20354 | 051141-28582-5 |
| 28499 | 6 (152) | 12,000 | 0.28 (209) | 5/16 (8) | 17 (481) | 75 (86) | 1.9 (.9) | 7 (187) | 4 (91) | Stikit™ 20354 | 051141-28499-6 |
| 28500 | 6 (152) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 75 (86) | 1.9 (.8) | 7 (187) | 4 (91) | Stikit™ 20354 | 051141-28500-9 |
| 28501 | 6 (152) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 75 (86) | 2.1 (1.0) | 7 (187) | 4 (91) | Stikit™ 20354 | 051141-28501-6 |

## 3M™ Elite Self-Generated Vacuum Random Orbital Sanders*

- Take dust-management to the next level with powerful self-generated vacuum tools
- Featuring 3M patented Clean Sanding system with improved filter bag

28511/28513 28563/28512/28514/28515 28562/28510/28516/28517

| Model No. | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 28511 | 3 (76) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 85 (96) | 1.7 (.8) | 8 (209) | 4 (93) | Hookit™ 20350 | 051141-28511-5 |
| 28513 | 3 (76) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 85 (96) | 1.4 (.7) | 8 (207) | 3 (88) | Hookit™ 20350 | 051141-28513-9 |
| 28563 | 5 (127) | 12,000 | 0.28 (209) | 3/8 (9.5) | 17 (481) | 84 (95) | 1.9 (.9) | 9 (234) | 4 (93) | Hookit™ 20353 | 051141-28563-4 |
| 28512 | 5 (127) | 12,000 | 0.28 (209) | 5/16 (8) | 17 (481) | 86 (97) | 1.9 (.9) | 9 (234) | 4 (93) | Hookit™ 20353 | 051141-28512-2 |
| 28514 | 5 (127) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 86 (97) | 1.9 (.9) | 9 (234) | 4 (93) | Hookit™ 20353 | 051141-28514-6 |
| 28515 | 5 (127) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 86 (97) | 1.8 (.8) | 9 (234) | 4 (93) | Hookit™ 20353 | 051141-28515-3 |
| 28562 | 6 (152) | 12,000 | 0.28 (209) | 3/8 (9.5) | 17 (481) | 87 (94) | 2.1 (.9) | 10 (245) | 4 (93) | Hookit™ 20356 | 051141-28562-7 |
| 28510 | 6 (152) | 12,000 | 0.28 (209) | 5/16 (8) | 17 (481) | 88 (99) | 2.0 (.9) | 10 (245) | 4 (93) | Hookit™ 20356 | 051141-28510-8 |
| 28516 | 6 (152) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 89 (100) | 2.0 (.9) | 10 (245) | 4 (93) | Hookit™ 20356 | 051141-28516-0 |
| 28517 | 6 (152) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 88 (99) | 1.9 (.9) | 10 (245) | 4 (93) | Hookit™ 20356 | 051141-28517-7 |

*One (1) each of the following included: 3M™ Clean Sanding Filter Bag, Filter Bag Adapter, Hose Seal

## 3M™ Elite Central-Vacuum-Ready Random Orbital Sanders

- Easily attaches to your existing central vacuum system for efficient dust-evacuation

28503/28505 28561/28504/28506/28507 28560/28502/28508/28509

| Model No. | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 28503 | 3 (76) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 72 (83) | 1.8 (.8) | 8 (203) | 4 (93) | Hookit™ 20350 | 051141-28503-0 |
| 28505 | 3 (76) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 72 (83) | 1.4 (.6) | 8 (201) | 3 (88) | Hookit™ 20350 | 051141-28505-4 |
| 28561 | 5 (127) | 12,000 | 0.28 (209) | 3/8 (9.5) | 17 (481) | 73 (84) | 1.9 (.9) | 9 (227) | 4 (93) | Hookit™ 20353 | 051141-28561-0 |
| 28504 | 5 (127) | 12,000 | 0.28 (209) | 5/16 (8) | 17 (481) | 73 (84) | 1.9 (.9) | 9 (227) | 4 (93) | Hookit™ 20353 | 051141-28504-7 |
| 28506 | 5 (127) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 73 (84) | 1.8 (.8) | 9 (227) | 4 (93) | Hookit™ 20353 | 051141-28506-1 |
| 28507 | 5 (127) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 73 (84) | 1.8 (.8) | 9 (227) | 4 (93) | Hookit™ 20353 | 051141-28507-8 |
| 28560 | 6 (152) | 12,000 | 0.28 (209) | 3/8 (9.5) | 17 (481) | 76 (87) | 2.0 (.9) | 9 (238) | 4 (93) | Hookit™ 20356 | 051141-28560-3 |
| 28502 | 6 (152) | 12,000 | 0.28 (209) | 5/16 (8) | 17 (481) | 76 (87) | 2.0 (.9) | 9 (238) | 4 (93) | Hookit™ 20356 | 051141-28502-3 |
| 28508 | 6 (152) | 12,000 | 0.28 (209) | 3/16 (5) | 17 (481) | 76 (87) | 2.0 (.9) | 9 (238) | 4 (93) | Hookit™ 20356 | 051141-28508-5 |
| 28509 | 6 (152) | 12,000 | 0.28 (209) | 3/32 (2.5) | 17 (481) | 76 (87) | 1.9 (.9) | 9 (238) | 4 (93) | Hookit™ 20356 | 051141-28509-2 |

# 3M™ Random Orbital Sanders — Original Series

## 3M™ Self-Generated Vacuum Random Orbital Sanders*

20319

20208/20327

- Take dust-management to the next level with powerful self-generated vacuum tools
- Featuring 3M patented Clean Sanding system with improved filter bag

| Model No. | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20319 | 5 (127) | 12,000 | 0.24 (179) | 3/16 (5) | 17 (481) | 85 (93) | 1.8 (.8) | 9 (219) | 3. (85) | Hookit™ 20353 | 051141-20319-5 |
| 20208 | 6 (150) | 12,000 | 0.24 (179) | 5/16 (8) | 17 (481) | 82 (92) | 2.0 (.9) | 9 (233) | 3 (83) | Hookit™ 20356 | 051141-20208-2 |
| 20327 | 6 (150) | 12,000 | 0.24 (179) | 3/16 (5) | 17 (481) | 83 (92) | 2.0 (.9) | 9 (231) | 3 (85) | Hookit™ 20356 | 051141-20327-0 |

*One (1) each of the following included: 3M™ Clean Sanding Filter Bag, Filter Bag Adapter, Hose Seal

## 3M™ Non-Vacuum Random Orbital Sanders

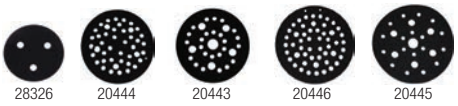
20317

20324/20325

- Powerful and popular non-vacuum tools meet or exceed highest performance standards

| Model No. | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20317 | 5 (127) | 12,000 | 0.24 (179) | 3/16 (5) | 17 (481) | 80 (88) | 1.7 (.8) | 6 (150) | 3 (83) | Stikit™ 20351 | 051141-20317-1 |
| 20324 | 6 (152) | 12,000 | 0.24 (179) | 5/16 (8) | 17 (481) | 77 (85) | 1.8 (.8) | 6 (164) | 3 (83) | Stikit™ 20354 | 051141-20324-9 |
| 20325 | 6 (152) | 12,000 | 0.24 (179) | 3/16 (5) | 17 (481) | 79 (83) | 1.7 (.8) | 6 (162) | 3 (83) | Stikit™ 20354 | 051141-20325-6 |

# Random Orbital Sander Accessories


28326 20444 20443 20446 20445

## 3M™ Hookit™ Clean Sanding Disc Pad Hook Savers

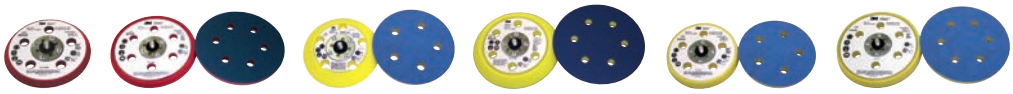
| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Ctr. Hole Dia. Inch | Face Color | # of Holes | Use With | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|---|---|
| 28326 | 15,000 | 15,000 | 3 (76) | — | Black | 3 | PN20350 | 2 | 051141-28326-5 | 20 |
| 20444 | 12,000 | 12,000 | 5 (125) | — | Black | 44 | PN20353 | 2 | 051141-20444-4 | 20 |
| 20443 | 12,000 | 12,000 | 5 (125) | 3/4 | Black | 31 | PN20206 | 2 | 051141-20443-7 | 20 |
| 20446 | 12,000 | 12,000 | 6 (152) | — | Black | 52 | PN20356 | 2 | 051141-20446-8 | 20 |
| 20445 | 12,000 | 12,000 | 6 (152) | 3/4 | Black | 25 | PN05865 | 2 | 051141-20445-1 | 20 |

# Random Orbital Sander Accessories

## 3M™ Stikit™ Disc Pads

| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Thread Size | Density Rating | Face Color | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|
| **Low Profile Disc Pads (Firm)** | | | | | | | | |
| 20348 | 15,000 | 15,000 | 3 (76) | 1/4–20 EXT | Firm | Blue | 051141-20348-5 | 10 |
| 20351 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | Firm | Blue | 051141-20351-5 | 1 |
| 20354 | 12,000 | 12,000 | 6 (152) | 5/16–24 EXT | Firm | Blue | 051141-20354-6 | 1 |
| **Standard Profile Disc Pads (Medium)** | | | | | | | | |
| 70234 | 12,000 | — | 5 (125) | 5/8–11 INT | Medium | Blue | 051111-55813-3 | 5 |
| 82189 | 12,000 | — | 5 (125) | 5/8–11 INT | Medium | Red | 051144-82189-1 | 10 |
| 05575 | 10,000 | 12,000 | 5 (125) | 5/16–24 EXT | Medium | Blue | 051144-05575-3 | 1 |
| 28772 | 10,000 | 12,000 | 6 (152) | 5/16–24 EXT | Medium | Blue | 051141-28772-0 | 1 |
| **Low Profile Finishing Disc Pads (Soft)** | | | | | | | | |
| 05545 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | Soft | Blue | 051131-05545-2 | 10 |
| 05546 | 10,000 | 12,000 | 6 (152) | 5/16–24 EXT | Soft | Blue | 051131-05546-9 | 1 |

## 3M™ Stikit™ D/F Disc Pads (Vacuum)




| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Thread Size | # of Holes | Density Rating | Face Color | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|---|
| **Low Profile Disc Pads (Firm)** | | | | | | | | | |
| 20442 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | 5 | Firm | Blue | 051141-20442-0 | 1 |
| 20454 | 12,000 | 12,000 | 6 (152) | 5/16–24 EXT | 6 | Firm | Blue | 051141-20454-3 | 1 |
| **Standard Profile Disc Pads (Medium)** | | | | | | | | | |
| 45217 | 10,000 | 12,000 | 5 (125) | 5/16–24 EXT | 5 | Medium | Blue | 051144-45217-0 | 10 |
| 45218 | 10,000 | 12,000 | 6 (152) | 5/16–24 EXT | 6 | Medium | Blue | 051144-45218-7 | 10 |
| **Low Profile Finishing Disc Pads (Soft)** | | | | | | | | | |
| 05645 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | 5 | Soft | Blue | 051131-05645-9 | 10 |
| 05646 | 10,000 | 12,000 | 6 (152) | 5/16–24 EXT | 6 | Soft | Blue | 051131-05646-6 | 1 |

# Random Orbital Sander Accessories

## 3M™ Hookit™ Disc Pads

| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Thread Size | Density Rating | Face Color | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|---|
| **Low Profile Disc Pads (Firm)** | | | | | | | | | |
| 20352 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | Firm | Black | 2 | 051141-20352-2 | 1 |
| 20355 | 12,000 | 12,000 | 6 (152) | 5/16–24 EXT | Firm | Black | 2 | 051141-20355-3 | 10 |
| **Standard Profile Disc Pads (Medium)** | | | | | | | | | |
| 85105 | 12,000 | — | 5 (125) | 5/8–11 INT | Medium | Yellow | 1 | 051144-85105-8 | 1 |
| 85096 | 12,000 | — | 5 (125) | 5/8–11 INT | Medium | Yellow | 1 | 051144-85096-9 | 10 |
| 05775 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | Medium | Yellow | 1 | 051131-05775-3 | 1 |
| 70138 | 12,000 | 12,000 | 6 (152) | 5/16–24 EXT | Medium | Yellow | 1 | 051141-28209-6 | 1 |
| **Low Profile Finishing Disc Pads (Soft)** | | | | | | | | | |
| 77855 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | Soft | Yellow | 1 | 051144-77855-3 | 10 |

## 3M™ Hookit™ D/F Disc Pads (Vacuum)

| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Thread Size | # of Holes | Density Rating | Face Color | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|---|---|
| **Standard Profile Disc Pads (Medium)** | | | | | | | | | | |
| 82659 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | 5 | Medium | Yellow | 1 | 051144-82659-9 | 10 |
| 28411* | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | 5 | Medium | Yellow | 1 | 051141-28411-8 | 10 |
| 05876 | 12,000 | 12,000 | 6 (152) | 5/16–24 EXT | 7 | Medium | Yellow | 1 | 051131-05876-7 | 1 |
| **Low Profile Finishing Disc Pads (Soft)** | | | | | | | | | | |
| 77856 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | 5 | Soft | Yellow | 1 | 051144-77856-0 | 10 |

*5" backup pad for 6" Random Orbital Sander

## 3M™ Hookit™ Clean Sanding Disc Pads

| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Ctr. Hole Dia. Inch | Thread Size | # of Holes | Density Rating | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|---|---|
| **Low Profile Disc Pads (Firm)** | | | | | | | | | | |
| 20350 | 15,000 | 15,000 | 3 (76) | — | 1/4–20 EXT | 3 | Firm | 2 | 051141-20350-8 | 10 |
| 20353 | 12,000 | 12,000 | 5 (125) | — | 5/16–24 EXT | 44 | Firm | 2 | 051141-20353-9 | 10 |
| 20356 | 12,000 | 12,000 | 6 (152) | — | 5/16–24 EXT | 52 | Firm | 2 | 051141-20356-0 | 10 |
| 20465 | 12,000 | 12,000 | 6 (152) | 5/8 | 5/16–24 EXT | 49 | Firm | 2 | 051141-20465-9 | 10 |
| **Standard Profile Disc Pads ( Medium)** | | | | | | | | | | |
| 20206 | 12,000 | 12,000 | 5 (125) | 3/4 | 5/16–24 EXT | 31 | Medium | 1 | 051141-20206-8 | 10 |
| **Low Profile Finishing Disc Pads (Soft)** | | | | | | | | | | |
| 20428 | 12,000 | 12,000 | 3 (76) | — | 1/4–20 EXT | 6 | Soft | 1 | 051141-20428-4 | 10 |
| 20290 | 12,000 | 12,000 | 5 (125) | — | 5/16–24 EXT | 44 | Soft | 1 | 051141-20290-7 | 10 |
| 20425 | 10,000 | 12,000 | 6 (152) | 5/8 | 5/16–24 EXT | 52 | Soft | 1 | 051141-20425-3 | 10 |
| **Painter's Pads** | | | | | | | | | | |
| 05858 | 12,000 | 12,000 | 5 (125) | 3/4 | 5/16–24 EXT | 31 | Soft | 1 | 051131-05858-3 | 1 |
| 05551 | 12,000 | 12,000 | 6 (152) | 3/4 | 5/16–24 EXT | 25 | Soft | 1 | 051131-05551-3 | 1 |

3M™ Hookit™ Clean Sanding Interface Pads also available. See 3M™ Accessories Catalog.

# 3M™ Orbital Sanders — Elite Series

28527

28529

### 3M™ Elite Series Orbital Sanders

- Ideal for sanding in tight areas or on vertical surfaces

| Model No. | Tool Size Inch (mm) | Max OPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Non-Vacuum** | | | | | | | | | | | |
| 28527 | 2-3/4 × 7-3/4 (70 × 198) | 10,000 | 0.28 (209) | 1/8 (3) | 17 (481) | 75 (86) | 2.1 (1.0) | 8 (206) | 4 (104) | Hookit™ 28531 | 051141-28527-6 |
| **Self-Generated Vacuum** | | | | | | | | | | | |
| 28529 | 2-3/4 × 7-3/4 (70 × 198) | 10,000 | 0.28 (209) | 1/8 (3) | 17 (481) | 86 (97) | 2.2 (1.0) | 11 (268) | 4 (104) | Hookit™ 28531 | 051141-28529-0 |

# Orbital Sander Accessories

28660

### 3M™ Stikit™ Sheet Pads

| Part No. | Max OPM | Size | Thickness | Density Rating | Face Color | UPC | MOQ |
|---|---|---|---|---|---|---|---|
| 28660 | 10,000 | 2-3/4" x 7-3/4" | 1/2" | Medium | Blue | 051141-28660-0 | 5 |

28531

### 3M™ Hookit™ Sheet Pads

| Part No. | Max OPM | Size | Thickness | # of Holes | Density Rating | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|
| **Clean Sanding** | | | | | | | | |
| 28531 | 10,000 | 70mm x 198mm | 12.7mm | 56 | Medium | 1 | 051141-28531-3 | 5 |

# 3M™ Orbital Sanders — Original Series

20331

20430

20431

## 3M™ Orbital Sanders

- Ideal for sanding in tight areas or on vertical surfaces

| Model No. | Tool Size Inch (mm) | Max OPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Non-Vacuum** | | | | | | | | | | | |
| 20331 | 3 × 4 (75 × 100) | 10,000 | 0.24 (179) | 1/8 (3) | 17 (481) | 73 (81) | 1.4 (0.7) | 5 (139) | 3 (84) | Hookit™ 20433 | 051141-20331-7 |
| **Central-Vacuum-Ready** | | | | | | | | | | | |
| 20430 | 3 × 4 (75 × 100) | 10,000 | 0.24 (179) | 1/8 (3) | 17 (481) | 72 (82) | 1.5 (0.7) | 5 (139) | 3 (84) | Clean Sanding Hookit™ 20435 | 051141-20430-7 |
| **Self-Generated Vacuum** | | | | | | | | | | | |
| 20431 | 3 × 4 (75 × 100) | 10,000 | 0.24 (179) | 1/8 (3) | 17 (481) | 88 (93) | 1.6 (0.7) | 6 (142) | 3 (84) | Clean Sanding Hookit™ 20435 | 051141-20431-4 |

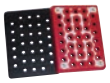
# Orbital Sander Accessories

20432

## 3M™ Stikit™ Sheet Pads

| Part No. | Max OPM | Size | Thickness | Density Rating | Face Color | UPC | MOQ |
|---|---|---|---|---|---|---|---|
| 20432 | 10,000 | 3" x 4" | 1/2" | Medium | Blue | 051141-20432-1 | 10 |

20433


20435

## 3M™ Hookit™ Sheet Pads

| Part No. | Max OPM | Size | Thickness | # of Holes | Density Rating | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|
| 20433 | 10,000 | 3" x 4" | 1/2" | — | Medium | 1 | 051141-20433-8 | 10 |
| **Clean Sanding** | | | | | | | | |
| 20435 | 10,000 | 3" x 4" | 1/2" | 33 | Medium | 1 | 051141-20435-2 | 10 |

28325

## 3M™ Hookit™ Clean Sanding Disc Pad Hook Savers

| Part No. | Max OPM | Size | Face Color | # of Holes | Use With | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|
| 28325 | 12,000 | 3" x 4" | Black | 33 | PN20435 | 2 | 051141-28325-8 | 20 |

# 3M™ Random Orbital Sander, 2-Hand

28337/28335

### 3M™ Random Orbital Sander, 2-Hand

- For extra leverage and power, choose the two-handed 3M™ Random Orbital Sander
- Features a powerful 0.45 HP motor with 3/8" orbit, built-in muffler and rear exhaust

| Model No. | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Clean Sanding Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Central-Vacuum-Ready/Non-Vacuum** | | | | | | | | | | | |
| 28337 | 6 (150) | 12,000 | 0.45 (336) | 3/8 (9.5) | 21 (594) | 81 (89) | 3 (1.32) | 13 (328) | 4 (113) | Hookit™ 20356* | 051141-28337-1 |
| **Self-Generated Vacuum** | | | | | | | | | | | |
| 28335 | 6 (150) | 12,000 | 0.45 (336) | 3/8 (9.5) | 21 (594) | 91 (94) | 3 (1.32) | 13 (328) | 4 (113) | Hookit™ 20356* | 051141-28335-7 |

*For 5" sanding using the 2-Hand Sander, use the 5" 3M™ Hookit™ D/F Disc Pad 28411

# 3M™ Mini Sanders

### 3M™ Elite Series Mini Orbital Sander

- Longer life vanes and improved skirt attachment system for greater durability
- Exclusive 3M™ Gripping Material cover for operator comfort
- Aluminum body for lighter weight and improved balance
- 3M™ Roloc™ Attachment System for sanding pad and integral tool hanger for increased usability
- Use with 3M™ Trizact™ Finesse-it™ Paint Repair System

28737

| Model No. | PSI | Tool Size Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28737 | 90 | 1-1/4 x 3/16 | 8,000 | 0.48 (358) | 1/8 (3) | 23 (651) | 76 (87) | 0.6 (0.3) | 8 (193) | 4 (104) | Roloc™ 02345 w/Stikit™ Face | 051141-28737-9 |

### 3M™ Mini-Random Orbital Sander

- Ergonomically designed for operator comfort and control
- Low profile design reduces chance of tipping and undercutting
- Direct mount 3M™ Roloc™ Sanding Pad allows close proximity to the work surface
- Use with 3M™ Trizact™ Finesse-it™ Paint Repair System

20244

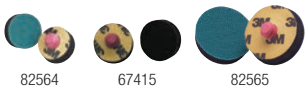
| Model No. | PSI | Tool Size Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Pad Included | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20244 | 90 | 1-1/4 x 3/16 | 8,000 | 0.24 (179) | 3/16 (5) | 15 (425) | 73 (80) | 1.0 (0.5) | 5 (120) | 3 (85) | Roloc™ 02345 w/Stikit™ Face | 051141-20244-0 |

# Mini Sander Accessories

02345 02511

### 3M™ Finesse-it™ Roloc™ Sanding Pads TR

| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Density Rating | Description | UPC | MOQ |
|---|---|---|---|---|---|---|---|
| 02345 | 10,000 | 12,000 | 1-1/4 (32) | Medium | PSA | 051111-50198-6 | 10 |
| 02511 | 10,000 | 12,000 | 1-1/4 (32) | Firm | PSA | 051111-51150-3 | 10 |


82564 67415 82565

### 3M™ Hookit™ Roloc™ Disc Pads TR

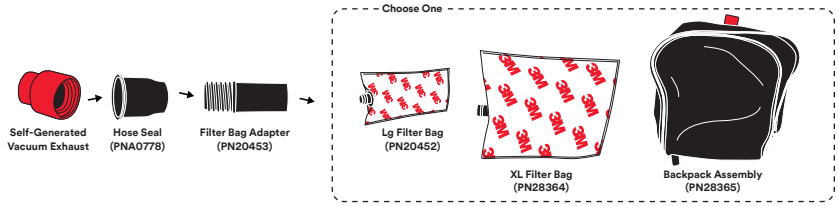
| Part No. | Max RPM | Max OPM | Size Inch (mm) | Attachment | Shape | Density Rating | Hook Type | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|---|
| 82564 | 8,000 | 10,000 | 1 (25) | TR | 15° | Medium | 2 | 051144-82564-6 | 10 |
| 67415 | 10,000 | 10,000 | 1-1/16 (27) | TR | 15° | Medium | 1 | 051111-60311-6 | 20 |
| 82565 | 8,000 | 10,000 | 1-1/2 (38) | TR | 15° | Medium | 2 | 051144-82565-3 | 5 |

# Orbital/Random Orbital Sander Accessories

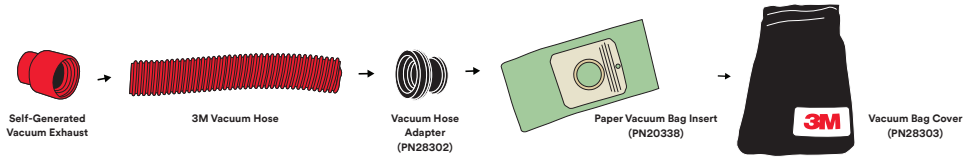


## How to Assemble Self-Generated and Central Vacuum Sanding Systems

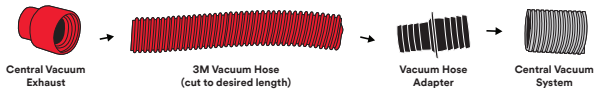
**Self-Generated Vacuum Clean Sanding System**




**Self-Generated Vacuum Sanding System with Paper Bags**




**Central Vacuum Sanding System**




### 3M™ Clean Sanding Filter Bags and Adapters

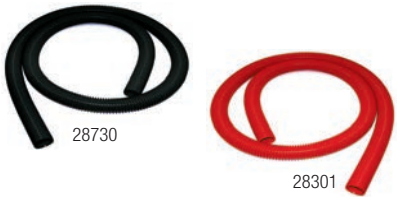
| Part No. | Description | UPC | MOQ |
|---|---|---|---|
| 20452 | Large Filter Bag — HEPA-rated (holds up to 0.5 lbs.) | 051141-20452-9 | 50 |
| 28364 | Extra-Large Filter Bag — HEPA-rated (holds up to 3 lbs.) | 051141-28364-7 | 20 |
| 28365 | Backpack Assembly (holds PN28364) | 051141-28365-4 | 1 |
| 28383 | Filter Bag End Cap — 1" Diameter | 051141-28383-8 | 1 |
| 20453 | Filter Bag Adapter — 1" EXT Hose Thread x 1" Diameter | 051141-20453-6 | 10 |
| A0778 | Hose Seal | 051115-28146-4 | 1 |

### 3M™ Paper Vacuum Bags and Adapters

| Part No. | Description | Size | UPC | MOQ |
|---|---|---|---|---|
| 20338 | Paper Vacuum Bag Inserts, Green — Collects dust when using Self-Gen Vacuum Sander | 1" INT | 051141-20338-6 | 50 |
| 28303 | Vacuum Bag Cover — Holds and protects paper vacuum bag inserts (PN20338) | 9" x 20" | 051141-28303-6 | 1 |
| 28302 | Vacuum Hose Adapter — Connects 1" EXT vacuum hose to paper vacuum inserts (PN2038) | 1" INT | 051141-28302-9 | 1 |

### 3M™ Vacuum Hoses

| Part No. | Description | Inner Dia. | Length | Thread | UPC | MOQ |
|---|---|---|---|---|---|---|
| 28730 | Black, Anti-Static | 1" | 4 ft. | 1" EXT | 051141-28730-0 | 1 |
| 28301 | Red | 1" | 6 ft. | 1" EXT | 051141-28301-2 | 1 |
| 28393 | Red | 1" | 60 ft. | 1" EXT | 051141-28393-7 | 1 |




### 3M™ Vacuum Hose Adapters

| Part No. | End 1 | End 2 | UPC | MOQ |
|---|---|---|---|---|
| 30442 | 1" INT Thread | 1" INT Thread | 051141-30442-7 | 1 |
| 20340 | 1" INT Thread | 1-1/4" INT Thread | 051141-20340-9 | 1 |
| 28304 | 1" EXT Thread | 1" Push-On | 051141-28304-3 | 1 |
| 30324 | 1" INT Thread | 3/4" Push-On | 051141-30324-6 | 1 |
| 20341 | 1" INT Thread | 1-1/2" Push-On | 051141-20341-6 | 1 |
| 30441 | 1" Push-On | 1-1/4" Push-On | 051141-30441-0 | 1 |
| 30440 | 1" Push-On | 1-1/2" Push-On | 051141-30440-3 | 1 |
| 30439 | 1" Push-On | 2" Push-On | 051141-30439-7 | 1 |

# 3M™ Buffers

## 3M™ Buffers

- Available in rotary or random orbital motions and in multiple sizes
- Excellent choice for a variety of repairs on different substrates across a wide range of industries — from paint and clear coat to lacquered wood, solid surface to acrylic

| Model No. | PSI | Tool Dia. Inch (mm) | Max RPM | Motor HP (W) | Orbit Dia. Inch (mm) | Air Flow Rate SCFM (LPM) | Noise Level dBA (power) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) | Air Inlet Thread | UPC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28333 | 90 | 3 (75) | 11,000 | 0.26 (194) | 1/2 (12) | 19 (538) | 78 (87) | 1.8 (0.8) | 9 (233) | 4 (99.6) | 1/4" NPT | 051141-28333-3 |
| 28631 | 90 | 3 (75) | 3,500 | 0.26 (194) | Rotary | 17 (481) | 80 (87) | 2.1 (0.9) | 9 (233) | 5 (114) | 1/4" NPT | 051141-28631-0 |
| 28392 | 90 | 5 (127) | 10,000 | 0.45 (336) | 3/8 (10) | 21 (595) | 77 (88) | 2.9 (1.3) | 13 (328) | 4 (113) | 1/4" NPT | 051141-28392-0 |
| 28354 | 90 | 3 (75) | 2,200 | 0.45 (336) | Rotary | 22 (683) | 80 (88) | 1.8 (0.8) | 5 (132) | 5 (136) | 1/4" NPT | 051141-28354-8 |
| 28769 | 90 | 3 (77) | 12,000 | 0.28 (209) | 1/2 (12) | 17 (481) | 79 (90) | 1.5 (0.7) | 5.8 (147) | 3.6 (92.5) | 1/4" NPT | 051141-28769-0 |

# Buffer Accessories

## 3M™ Finesse-it™ Buffing Pads

| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Description | UPC | MOQ |
|---|---|---|---|---|---|---|
| 02648 | 12,000 | 12,000 | 3-1/4 (83) | Orange Foam; White Loop | 051111-51151-0 | 10 |
| 02637 | 12,000 | 12,000 | 3-3/4 (95) | Orange Foam; White Loop | 051111-51158-9 | 50 |
| 02362 | 12,000 | 12,000 | 5-1/4 (133) | Orange Foam; White Loop | 051111-51076-6 | 10 |
| 20271 | 12,000 | 12,000 | 3-3/4 (95) | White Foam; White Loop | 051141-20271-6 | 10 |
| 85099 | — | — | 3 (76) | White Wool; Knit II; 11/16" Pile Height | 051144-85099-0 | 10 |
| 81470 | — | — | 3 (76) | White Wool; Natural; 20mm | 051144-81470-1 | 10 |
| NEW 28878 | 12,000 | 12,000 | 3-1/4 (83) | Gray Foam; Waffle Face | 051141-28878-9 | 50 |
| NEW 28879 | 12,000 | 12,000 | 3-3/4 (95) | Gray Foam; Waffle Face | 051141-28879-6 | 50 |
| NEW 28880 | 12,000 | 12,000 | 5-1/4 (133) | Gray Foam; Waffle Face | 051141-28880-2 | 50 |
| NEW 28873 | 12,000 | 12,000 | 3-1/2 (89) | Gray Foam; Flat Face | 051141-28873-4 | 50 |
| NEW 87391 | 10,000 | 12,000 | 5-1/4 (133) | Gray Foam, Flat Face | 051125-87391-8 | 50 |
| NEW 28869 | 12,000 | 12,000 | 3-1/4 (83) | Green Foam; Waffle Face | 051141-28869-7 | 50 |
| NEW 28870 | 12,000 | 12,000 | 3-3/4 (95) | Green Foam; Waffle Face | 051141-28870-3 | 50 |
| NEW 28871 | 12,000 | 12,000 | 5-1/4 (133) | Green Foam; Waffle Face | 051141-28871-0 | 50 |
| NEW 28872 | 12,000 | 12,000 | 3-1/2 (89) | Green Foam; Flat Face | 051141-28872-7 | 50 |
| NEW 28874 | 12,000 | 12,000 | 3-1/4 (83) | Red Foam; Waffle Face | 051141-28874-1 | 50 |
| NEW 28875 | 12,000 | 12,000 | 3-3/4 (95) | Red Foam; Waffle Face | 051141-28875-8 | 50 |
| NEW 28876 | 12,000 | 12,000 | 5-1/4 (133) | Red Foam; Waffle Face | 051141-28876-5 | 50 |
| NEW 28877 | 12,000 | 12,000 | 3-1/2 (89) | Red Foam; Flat Face | 051141-28877-2 | 50 |

# Buffer Accessories

## 3M™ Buffer Backup Pads

28472

84226


20427

| Part No. | Max RPM | Max OPM | Diameter Inch (mm) | Thread Size | # of Holes | Density Rating | Hook Type | For Use With | UPC | MOQ |
|---|---|---|---|---|---|---|---|---|---|---|
| 28472 | 15,000 | 15,000 | 3 (76) | 1/4–20 EXT | — | Firm | 2 | 3M™ R/O Buffers — 3" | 051141-28472-9 | 5 |
| 84226 | 12,000 | 12,000 | 5 (125) | 5/16–24 EXT | 5 | Soft | 1 | 3M™ R/O Buffers — 5" | 051111-51042-1 | 10 |
| 20427 | 15,000 | 15,000 | 3 (76) | Several adapters provided | 6 | Medium | 1 | 3M™ Pistol Grip Tools | 051141-20427-7 | 10 |

## 3M™ Finesse-it™ Polish

| Part No. | Size | Description | Cut | Finish | UPC | MOQ |
|---|---|---|---|---|---|---|
| 28791 | 8 oz | Compounding Material | 1 Most Aggressive | 7 Coarsest Finish | 051141-28791-1 | 4 |
| 28792 | 8 oz | Finishing Material | 2 | 6 | 051141-28792-8 | 4 |
| 28793 | 8 oz | K211 | 4 | 3 | 051141-28793-5 | 4 |
| 28794 | 8 oz | Extra Fine | 5 | 4 | 051141-28794-2 | 4 |
| 28795 | 8 oz | Purple | 3 | 5 | 051141-28795-9 | 4 |
| 28796 | 8 oz | Final Finish Gray | 6 | 2 | 051141-28796-6 | 4 |
| 28797 | 8 oz | Ultra Fine | 7 Least Aggressive | 1 Finest Finish | 051141-28797-3 | 4 |

Also available in larger containers.

# 3M™ Power Tool Repair and Refurbish Service

For tools that fall outside the manufacturer's warranty (e.g. after the warranty period has expired, or when the damage is due to use and wear), 3M is pleased to offer the 3M™ Power Tool Repair and Refurbish Service. 3M™ Power Tool Repair Experts will perform a full diagnostic analysis, replace any worn parts, and restore the tool to excellent working condition, all for one flat rate. Available for all 3M™ Power Tools except pistol grip tools 28547, 28353 and 28354; 3M Body Repair Tools 33573, 33575, 33579, 33581 and 33577; 3M™ PPS™ SUN GUN™ II 16550; and 3M™ Polisher 28363. Program highlights include:

- Fast turnaround (5 days + shipping time)
- Tool is rebuilt by the 3M™ Power Tool Repair Experts in Cumberland, Wisconsin
- Flat rate includes return shipping
- 90 day warranty on repaired tool

**For more information, contact your 3M sales professional or call 1-800-362-3550 (choose option 3, then option 5 which will put you in direct contact with the 3M™ Power Tools Repair Facility).**

## Refurbish Part Numbers List

| Product | 11 Digit Refurb | Stock Number | Part Number | Description |
|---|---|---|---|---|
| 3M™ Non-Vacuum Random Orbital Sanders (Gen I) | 60-4402-5335-3 | 60-4401-7960-8 | 20250 | 3 in; 3/16 in orbit |
| | 60-4402-5324-7 | 60-4401-2686-4 | 20314 | 3 in; 3/32 in orbit |
| | 60-4402-5337-9 | 60-4401-7963-2 | 20253 | 5 in; 5/16 in orbit |
| | 60-4402-5203-3 | 60-4401-2689-8 | 20317 | 5 in; 3/16 in orbit |
| | 60-4402-2692-2 | 60-4401-2692-2 | 20320 | 5 in; 3/32 in orbit |
| | 60-4402-5205-8 | 60-4401-2696-3 | 20324 | 6 in; 5/16 in orbit |
| | 60-4402-5206-6 | 60-4401-2697-1 | 20325 | 6 in; 3/16 in orbit |
| | 60-4402-5332-0 | 60-4401-2700-3 | 20328 | 6 in; 3/32 in orbit |
| 3M™ Self-Generated Vacuum Random Orbital Sanders (Gen I) | 60-4402-5224-9 | 60-4401-7962-4 | 20252 | 3 in; 3/16 in orbit |
| | 60-4402-5326-2 | 60-4401-2688-0 | 20316 | 3 in; 3/32 in orbit |
| | 60-4402-5338-7 | 60-4401-7965-7 | 20255 | 5 in; 5/16 in orbit |
| | 60-4402-5204-1 | 60-4401-2691-4 | 20319 | 5 in; 3/16 in orbit |
| | 60-4402-5330-4 | 60-4401-2694-8 | 20322 | 5 in; 3/32 in orbit |
| | 60-4402-5212-4 | 60-4401-7907-9 | 20208 | 6 in; 5/16 in orbit |
| | 60-4402-5207-4 | 60-4401-2699-7 | 20327 | 6 in; 3/16 in orbit |
| | 60-4402-5333-8 | 60-4401-2702-9 | 20330 | 6 in; 3/32 in orbit |
| 3M™ Central-Vacuum-Ready Random Orbital Sanders (Gen I) | 60-4402-5336-1 | 60-4401-7961-6 | 20251 | 3 in; 3/16 in orbit |
| | 60-4402-5325-4 | 60-4401-2687-2 | 20315 | 3 in; 3/32 in orbit |
| | 60-4402-5225-6 | 60-4401-7964-0 | 20254 | 5 in; 5/16 in orbit |
| | 60-4402-5327-0 | 60-4401-2690-6 | 20318 | 5 in; 3/16 in orbit |
| | 60-4402-5329-6 | 60-4401-2693-0 | 20321 | 5 in; 3/32 in orbit |
| | 60-4402-5334-6 | 60-4401-7912-9 | 20213 | 6 in; 5/16 in orbit |
| | 60-4402-5331-2 | 60-4401-2698-9 | 20326 | 6 in; 3/16 in orbit |
| | 60-4402-5208-2 | 60-4401-2701-1 | 20329 | 6 in; 3/32 in orbit |
| 3M™ Mini Random Orbital Nib Sander | 60-4402-5223-1 | 60-4402-4195-2 | 20244 | 1-1/4 in; 3/16 in orbit |

# Refurbish Part Numbers List

| Product | 11 Digit Refurb | Stock Number | Part Number | Description |
|---|---|---|---|---|
| 3M™ Die Grinders | 60-4402-5219-9 | 60-4401-7945-9 | 20237 | 1 HP; 1/4 in collet; 20,000 RPM |
| | 60-4402-5220-7 | 60-4401-7946-7 | 20238 | 1 HP; 1/4 in collet; 18,000 RPM |
| | 60-4402-5229-8 | 60-4402-3632-5 | 28330 | 0.5 HP; 1/4 in collet; 18,000 RPM |
| | 60-4402-5221-5 | 60-4401-7947-5 | 20239 | 1 HP; 1/4 in collet; 12,000 RPM |
| | 60-4402-5222-3 | 60-4401-7948-3 | 20240 | 1 HP; 1/4 in collet; 8,000 RPM |
| | 60-4402-5230-6 | 60-4402-3633-3 | 28331 | 0.5 HP; 1/4 in collet; 18,000 RPM; 3 in EXT |
| | 60-4402-5231-4 | 60-4402-3634-1 | 28332 | 0.5 HP; 1/4 in collet; 4,000 RPM |
| | 60-4402-5340-3 | 60-4402-4102-8 | 28770 | 1 HP; 1/4 in collet; 18,000 RPM |
| | 60-4402-5312-2 | 60-4402-3949-3 | 28627 | 0.3 HP; 18,000 RPM |
| | 60-4402-5313-0 | 60-4402-3950-1 | 28628 | 0.3 HP; Extended; 18,000 RPM |
| | 60-4402-5314-8 | 60-4402-3951-9 | 28629 | 0.3 HP; 25,000 RPM |
| | 60-4402-5315-5 | 60-4402-3952-7 | 28630 | 0.3 HP; Extended; 25,000 RPM |
| 3M™ Inline Sanders | 60-4402-5237-1 | 60-4402-3640-8 | 28338 | 1 HP; 5/8–11 EXT shaft |
| | 60-4402-5238-9 | 60-4402-3641-6 | 28339 | 1 HP; 5/8–11 EXT shaft |
| 3M™ Cut-Off Wheel Tools | 60-4402-5215-7 | 60-4401-7941-8 | 20233 | 3 in; 1 HP; 25,000 RPM |
| | 60-4402-5216-5 | 60-4401-7942-6 | 20234 | 4 in; 1 HP; 20,000 RPM |
| | 60-4402-5217-3 | 60-4401-7943-4 | 20235 | 5 in; 1 HP; 12,000 RPM |
| | 60-4402-5218-1 | 60-4401-7944-2 | 20236 | 6 in; 1 HP; 10,000 RPM |
| | 60-4402-5341-1 | 60-4402-4103-6 | 28771 | 4 in; 1 HP; 19,000 RPM |
| | 60-4402-4226-5 | 60-4402-4211-7 | 28826 | 4-1/2–5 in; 1.5 HP; 12,000 RPM |
| 3M™ Disc Sanders | 60-4402-5227-2 | 60-4402-3630-9 | 28328 | 2 in; 0.3 HP; 12,000 RPM |
| | 60-4402-5228-0 | 60-4402-3631-7 | 28329 | 2 in; 0.5 HP; 12,000 RPM |
| | 60-4402-5226-4 | 60-4402-3629-1 | 28341 | 2 in; 0.3 HP; 20,000 RPM (Replaces 20230) |
| | 60-4402-5213-2 | 60-4401-7939-2 | 20231 | 2 in; 0.5 HP; 20,000 RPM |
| | 60-4402-5214-0 | 60-4401-7940-0 | 20232 | 3 in; 1 HP; 15,000 RPM |
| 3M™ Buffers | 60-4402-5339-5 | 60-4402-4101-0 | 28769 | 3 in; Palm Buffer |
| | 60-4402-5232-2 | 60-4402-4196-0 | 28333 | 3 in |
| | **NO REFURB** | 60-4401-2649-2 | 08125 | 3 in; use 28333 for replacement |
| | **NO REFURB** | 60-4402-3665-5 | 28363 | 3 in; use 28333 for replacement |
| 3M™ Random Orbital Sanders, Two Hand | 60-4402-5234-8 | 60-4402-4119-2 | 28335 | 6 in; Self Gen Vac; 3/8 in orbit |
| | 60-4402-5236-3 | 60-4402-4270-3 | 28337 | 6 in; Non-Vac/Central Vac; 3/8 in orbit |
| 3M™ Mini Orbital Sander | **NO REFURB** | 60-4300-5087-6 | 03125 | 1-1/4 in; use 28737 for replacement |
| | 60-4402-4232-3 | 60-4402-4064-0 | 28737 | Replaces 3125 |

# Refurbish Part Numbers List

| Product | 11 Digit Refurb | Stock Number | Part Number | Description |
|---|---|---|---|---|
| **3M™ Orbital Sanders** | 60-4402-5209-0 | 60-4401-2703-7 | 20331 | 3 in x 4 in; Non-Vac; 10,000 RPM |
| | 60-4402-5210-8 | 60-4401-2804-3 | 20430 | 3 in x 4 in; Central Vac; 10,000 RPM |
| | 60-4402-5211-6 | 60-4401-2805-0 | 20431 | 3 in x 4 in; Self-Gen Vac; 10,000 RPM |
| **3M™ Electric Non-Vacuum Random Orbital Sanders** | 60-4402-5261-1 | 60-4402-3731-5 | 28426 | 5 in; 3/32 in orbit |
| | 60-4402-5262-9 | 60-4402-3732-3 | 28427 | 5 in; 3/16 in orbit |
| | 60-4402-5263-7 | 60-4402-3733-1 | 28428 | 6 in; 3/32 in orbit |
| | 60-4402-5264-5 | 60-4402-3734-9 | 28429 | 6 in; 3/16 in orbit |
| **3M™ Electric Central-Vacuum-Ready Random Orbital Sanders** | 60-4402-5265-2 | 60-4402-3735-6 | 28430 | 5 in; 3/32 in orbit |
| | 60-4402-5266-0 | 60-4402-3736-4 | 28431 | 5 in; 3/16 in orbit |
| | 60-4402-5267-8 | 60-4402-3737-2 | 28432 | 6 in; 3/32 in orbit |
| | 60-4402-5268-6 | 60-4402-3738-0 | 28433 | 6 in; 3/16 in orbit |
| **3M™ Electric Non-Vacuum Random Orbital Sander Kits** | 60-4402-5297-5 | 60-4402-3840-4 | 28523 | 5 in; 3/32 in orbit, Kit |
| | 60-4402-5298-3 | 60-4402-3841-2 | 28524 | 5 in; 3/16 in orbit, Kit |
| | 60-4402-5299-1 | 60-4402-4168-9 | 28525 | 6 in; 3/32 in orbit, Kit |
| | 60-4402-5300-7 | 60-4402-4169-7 | 28526 | 6 in; 3/16 in orbit, Kit |
| **3M™ Electric Central-Vacuum-Ready Random Orbital Sander Kits** | 60-4402-5293-4 | 60-4402-3836-2 | 28519 | 5 in; 3/32 in orbit, Kit |
| | 60-4402-5294-2 | 60-4402-3837-0 | 28520 | 5 in; 3/16 in orbit, Kit |
| | 60-4402-5295-9 | 60-4402-3838-8 | 28521 | 6 in; 3/32 in orbit, Kit |
| | 60-4402-5296-7 | 60-4402-4167-1 | 28522 | 6 in; 3/16 in orbit, Kit |

# Refurbish Part Numbers List

| Product | 11 Digit Refurb | Stock Number | Part Number | Description |
|---|---|---|---|---|
| **3M™ Non-Vacuum Random Orbital Sanders — Elite Series** | 60-4402-5271-0 | 60-4100-1358-9 | 28496/87092 | 3 in; 3/32 in orbit |
| | 60-4402-5269-4 | 60-4100-1356-3 | 28494 | 3 in; 3/16 in orbit |
| | 60-4402-5270-2 | 60-4100-1357-1 | 28495 | 5 in; 5/16 in orbit |
| | 60-4402-5272-8 | 60-4100-1359-7 | 28497 | 5 in; 3/16 in orbit |
| | 60-4402-5322-1 | 60-4100-1390-2 | 28708 | 5 in; 3/16 in orbit with 3M™ Hookit™ Backup Pad |
| | 60-4402-5273-6 | 60-4100-1360-5 | 28498 | 5 in; 3/32 in orbit |
| | 60-4402-5310-6 | 60-4100-1385-2 | 28583 | 5 in; 3/8 in orbit |
| | 60-4402-5274-4 | 60-4100-1361-3 | 28499 | 6 in; 5/16 in orbit |
| | 60-4402-5275-1 | 60-4100-1362-1 | 28500 | 6 in; 3/16 in orbit |
| | 60-4402-5276-9 | 60-4100-1363-9 | 28501 | 6 in; 3/32 in orbit |
| | 60-4402-5309-8 | 60-4100-1384-5 | 28582 | 6 in; 3/8 in orbit |
| | 60-4402-5318-9 | 60-4100-1386-0 | 28701 | 6 in; 5/16 orbit with 3M™ Hookit™ Backup Pad |
| | 60-4402-5320-5 | 60-4100-1388-6 | 28703 | 6 in; 3/16 orbit with 3M™ Hookit™ Backup Pad |
| **3M™ Central-Vacuum-Ready Random Orbital Sanders — Elite Series** | 60-4402-5280-1 | 60-4100-1367-0 | 28505 | 3 in; 3/32 in orbit |
| | 60-4402-5278-5 | 60-4100-1365-4 | 28503 | 3 in; 3/16 in orbit |
| | 60-4402-5282-7 | 60-4100-1369-6 | 28507 | 5 in; 3/32 in orbit |
| | 60-4402-5281-9 | 60-4100-1368-8 | 28506 | 5 in; 3/16 in orbit |
| | 60-4402-5279-3 | 60-4100-1366-2 | 28504 | 5 in; 5/16 in orbit |
| | 60-4402-5306-4 | 60-4100-1381-1 | 28561 | 5 in; 3/8 in orbit |
| | 60-4402-5284-3 | 60-4100-1371-2 | 28509 | 6 in; 3/32 in orbit |
| | 60-4402-5283-5 | 60-4100-1370-4 | 28508 | 6 in; 3/16 in orbit |
| | 60-4402-5277-7 | 60-4100-1364-7 | 28502 | 6 in; 5/16 in orbit |
| | 60-4402-5305-6 | 60-4100-1380-3 | 28560 | 6 in; 3/8 in orbit |
| **3M™ Self-Generated Vacuum Random Orbital Sanders — Elite Series** | 60-4402-5288-4 | 60-4100-1375-3 | 28513 | 3 in; 3/32 in orbit |
| | 60-4402-5286-8 | 60-4100-1373-8 | 28511 | 3 in; 3/16 in orbit |
| | 60-4402-5290-0 | 60-4100-1377-9 | 28515 | 5 in; 3/32 in orbit |
| | 60-4402-5289-2 | 60-4100-1376-1 | 28514 | 5 in; 3/16 in orbit |
| | 60-4402-5287-6 | 60-4100-1374-6 | 28512 | 5 in; 5/16 in orbit |
| | 60-4402-5308-0 | 60-4100-1383-7 | 28563 | 5 in; 3/8 in orbit |
| | 60-4402-5292-6 | 60-4100-1379-5 | 28517 | 6 in; 3/32 in orbit |
| | 60-4402-5291-8 | 60-4100-1378-7 | 28516 | 6 in; 3/16 in orbit |
| | 60-4402-5321-3 | 60-4100-1389-4 | 28704 | 6 in; 3/16 in orbit with 3M™ Hookit™ Backup Pad |
| | 60-4402-5285-0 | 60-4100-1372-0 | 28510 | 6 in; 5/16 in orbit |
| | 60-4402-5319-7 | 60-4100-1387-8 | 28702 | 6 in; 5/16 in orbit with 3M™ Hookit™ Backup Pad |
| | 60-4402-5307-2 | 60-4100-1382-9 | 28562 | 6 in; 3/8 in orbit |
| **3M™ Cut-Off Wheel Tool Extended** | 60-4402-5257-9 | 60-4402-3712-5 | 28407 | 1 HP; 4 in; 3/8-24 EXT |

# Refurbish Part Numbers List

| Product | 11 Digit Refurb | Stock Number | Part Number | Description |
|---|---|---|---|---|
| **3M™ Sanders** | 60-4402-5258-7 | 60-4402-3713-3 | 28408 | 1 HP; 4 – 5 in; 5/8-11 EXT |
| | 60-4402-5311-4 | 60-4402-3944-4 | 28622 | 1 HP; Extended; 4 – 5 in; 5/8–11 EXT |
| | 60-4402-4225-7 | 60-4402-4210-9 | 28825 | 1.5 HP; 12,000 RPM |
| **3M™ Random Orbital Buffer** | 60-4402-5254-6 | 60-4402-4121-8 | 28392 | 5 in diameter; 10mm orbit |
| **3M™ Orbital Sander — Elite Series** | 60-4402-5301-5 | 60-4402-3844-6 | 28527 | 70mm x 198mm<br>Non-Vacuum 1/8 in Orbit |
| | 60-4402-5302-3 | 60-4402-3845-3 | 28528 | 70mm x 198mm<br>Central Vacuum 1/8 in Orbit |
| | 60-4402-5303-1 | 60-4402-3847-9 | 28529 | 70mm x 198mm<br>Self-Generated Vacuum 1/8 in Orbit |
| **3M™ File Belt Sander** | 60-4402-5242-1 | 60-4402-3668-9 | 28366 | 0.6 HP |
| **3M™ Electric Variable Speed Polisher** | 60-4402-5253-8 | 60-4402-3694-5 | 28391 | 7 in; 11A; 5/8–11 EXT |
| **3M™ Grinders** | 60-4402-5255-3 | 60-4402-3708-3 | 28403 | 1 HP; T27; 4 in; 3/8–24 EXT |
| | 60-4402-5256-1 | 60-4402-3710-9 | 28405 | 1 HP; T27; 4-1/2 in; 5/8–11 EXT |
| | 60-4402-5259-5 | 60-4402-3718-2 | 28413 | 1 HP; Extended; T27; 4 in; 3/8–24 EXT |
| | 60-4402-5260-3 | 60-4402-3719-0 | 28414 | 1 HP; Extended; T27; 4-1/2 in; 5/8–11 EXT |
| | 60-4402-4224-0 | 60-4402-4209-1 | 28824 | 1.5 HP; 12,000 RPM |
| **3M™ Pneumatic Rotary Buffer** | 60-4402-5316-3 | 60-4402-3953-5 | 28631 | 3 in |
| **3M™ Match and Finish Sander** | 60-4402-5317-1 | 60-4402-3980-8 | 28659 | 1 HP; 3,500 RPM |
| **3M™ Sander/Buffer** | 60-4402-5342-9 | 60-4402-4105-1 | 28773 | 1 HP; 3,500 RPM |
| **3M™ Die Grinders (Gen II, Black Housing)** | 60-4402-5229-8 | 60-4402-4250-5 | 28330 | 0.5 HP; 1/4 in collet; 18,000 RPM |
| | 60-4402-5230-6 | 60-4402-4251-3 | 28331 | 0.5 HP; 1/4 in collet 18,000 RPM; 3 in EXT |
| | 60-4402-5231-4 | 60-4402-4252-1 | 28332 | 0.5 HP; 1/4 in collet; 4,000 RPM |
| | 60-4402-5312-2 | 60-4402-4246-3 | 28627 | 0.3 HP; 18,000 RPM |
| | 60-4402-5313-0 | 60-4402-4247-1 | 28628 | 0.3 HP; Extended; 18,000 RPM |
| | 60-4402-5314-8 | 60-4402-4248-9 | 28629 | 0.3 HP; 25,000 RPM |
| | 60-4402-5315-5 | 60-4402-4249-7 | 28630 | 0.3 HP; Extended; 25,000 RPM |
| **3M™ Disc Sanders (Gen II, Black Housing)** | 60-4402-5227-2 | 60-4402-4243-0 | 28328 | 2 in; 0.3 HP; 12,000 RPM |
| | 60-4402-5228-0 | 60-4402-4245-5 | 28329 | 2 in; 0.5 HP; 12,000 RPM |
| | 60-4402-5226-4 | 60-4402-4242-2 | 28341 | 2 in; 0.3 HP; 20,000 RPM (Replaces 20230) |
| | 60-4402-5213-2 | 60-4402-4244-8 | 20231 | 2 in; 0.5 HP; 20,000 RPM |

# General Pneumatic Tool Accessories

25119

20209

55180

## 3M™ Air Line Extensions — 300 PSI Rated

| Part No. | Inside Diameter | Length | Description | Air Inlet Thread | UPC | MOQ |
|---|---|---|---|---|---|---|
| 25119 | 3/8" | 5" | Mini | 1/4" NPT | 051141-25119-6 | 10 |
| 20209 | 3/8" | 4 ft. | — | 1/4" NPT | 051141-20209-9 | 1 |
| 55180 | — | — | Swivel Quick Change Connector | 1/4" NPT EXT | 051141-55180-7 | 1 |

20466

20467

20451

28828

## 3M™ Air Tool and Compressor Lubricants

| Part No. | Size | Description | UPC | MOQ |
|---|---|---|---|---|
| 20466 | Quart* | Air Tool and Compressor Lubricant | 051141-20466-6 | 12 |
| 20467 | Gallon* | Air Tool and Compressor Lubricant | 051141-20467-3 | 4 |
| 20451 | 4 fl. oz. (118mL) | Air Tool Lubricant | 051141-20451-2 | 12 |
| 28828 | 1 fl. oz. | Air Tool Lubricant | 051141-28828-4 | 24 |

*Available as special order, ships within 4 days.

## Gear Oil

| Part No. | Size | Description | UPC | Case Quantity |
|---|---|---|---|---|
| 28827 | 4 oz. | Replacement Part for 3M™ Sander/Grinder, 1.5 HP. Use to lubricate gears. | 051141-28827-7 | 6 |

## Scotch® 48 Thread Sealant and Lubricant Tape

| Part No. | Description | Size | UPC | MOQ |
|---|---|---|---|---|
| 06195 | Seals and lubricates threaded connections | 1/2" x 260" | 054007-06195-3 | 12 |

06195

# General Sanding Tips

## Technical Recommendations for 3M™ Air-Powered Tools

- Use a clean, dry, lubricated air supply that will give a measured air pressure at the tool of 6.2 bar (90 psig) when the tool is running with the lever fully depressed. **Note:** Tools can be run at lower pressures, **but should never be run higher than 6.2 bar (90 psig)**. If run at a lower pressure, the performance of the tool is reduced.
- Use an approved 10mm x 8m (3/8" x 25 ft.) or 13mm x 8m (1/2" x 25 ft.) maximum length air line.
- Connect the tool to the air supply.
- It is strongly recommended that an air filter, regulator and lubricator (FRL) be used to supply clean, lubricated air at the correct pressure to the tool. If such equipment is not used, the tool should be manually lubricated.

## To Manually Lubricate the Tool

- Disconnect the air line and put 2–3 drops of suitable pneumatic motor lubricating oil, such as 3M™ Air Tool Lubricant 20451, into the hose end (inlet) of the tool.
- Reconnect tool to the air supply and tap the lever to allow air to circulate the oil. Lubricate at end of day and allow oil to penetrate over night for best results.
- Lubricate daily if the tool is used frequently or if the tool starts to slow or lose power.

## Air Basics

**To optimize compressed air output and delivery:**

- 90 psi under load — use your gauge
- 3/8" (10mm) minimum air line inside diameter
- Use minimum length of airline hose necessary; no more than 25 ft. (8m)
- High flow air fittings:
  – 3/16" marginal
  – 7/32" better
  – 9/32" best
- Observe compressed air demand throughout the plant
- Maximum working air pressure 6.2 bar (90 psig)

# Metalworking Tool Accessories

## 3M™ Wrench, Spanner

54105

| Part No. | Size | Description | UPC | Case Quantity |
|---|---|---|---|---|
| 54105 | 4mm x 30mm B.C. | Replacement Part for 3M™ Sander/Grinder (1.5 HP); Used to tighten/loosen flange nut | 051141-54105-1 | 1 |

54106

54107

## 3M™ Rebuild Kits

| Part No. | Description | UPC | Case Quantity |
|---|---|---|---|
| 54106 | Special tools needed to disassemble and reassemble 1.5 HP 3M™ Power Tools | 051141-54106-8 | 1 |
| 54107 | Replacement parts most likely needed to rebuild the 1.5 HP 3M™ Power Tools | 051141-54107-5 | 1 |

## Optional Grinder Guards

- Optional guard allows 4" grinder to run larger, thicker 4-1/2" fibre and flap discs

54062 54063 54064 54065 54066 54067

| Model No. | Size | For Use With Tool | Required Accessories | UPC |
|---|---|---|---|---|
| 54062 | 4-1/2" Standard | 3M™ Grinders, 1.5 HP — 4.5"– 5" (Model No. 28824) | Accessories with 5/8–11 INT threads | 051141-54062-7 |
| 54063 | 4-1/2" Jumbo | 3M™ Grinders, 1.5 HP — 4.5"– 5" (Model No. 28824) | Accessories with 5/8–11 INT threads | 051141-54063-4 |
| 54064 | 4-1/2" | 3M™ Cut-Off Wheels, 1.5 HP — 4.5"– 5" (Model No. 28826) | Accessories with 5/8–11 INT threads | 051141-54064-1 |
| 54065 | 5" Standard | 3M™ Grinders, 1.5 HP — 4.5"– 5" (Model No. 28824) | Accessories with 5/8–11 INT threads | 051141-54065-8 |
| 54066 | 5" Jumbo | 3M™ Grinders, 1.5 HP — 4.5"– 5" (Model No. 28824) | Accessories with 5/8–11 INT threads | 051141-54066-5 |
| 54067 | 5" | 3M™ Cut-Off Wheels, 1.5 HP — 4.5"– 5" (Model No. 28826) | Accessories with 5/8–11 INT threads | 051141-54067-2 |

## 3M™ Overhose Kit and Replacement Sleeve

- Designed for 0.3 HP metalworking tools

28651

28652

| Part No. | Description | UPC | MOQ |
|---|---|---|---|
| 28651 | Kit Contains: Air Line Extension (PN20209), Adapter (PN20453), Over Hose Cloth Sleeve, Exhaust Spacer, Air Inlet Bushing, Instruction Sheet | 051141-28651-8 | 1 Kit |
| 28652 | Overhose Replacement Sleeve — 1-1/2" x 4 ft. | 051141-28652-5 | 5 |

# File Belt Sander Accessories

## 3M™ File Belt Sander Platen Pad Material

| Part No. | Size Inches | For Use With | Description | UPC | Case Quantity |
|---|---|---|---|---|---|
| 28377 | 1/2 × 7 × 1/8 | 1/2" wide belts | Soft | 051141-28377-7 | 10 |
| 28378 | 3/4 × 7 × 1/8 | 5/8" or 3/4" wide belts | Soft | 051141-28378-4 | 10 |
| 28379 | 1/2 × 7 × 1/8 | 1/2" wide belts | Hard | 051141-28379-1 | 10 |
| 28380 | 3/4 × 7 × 1/8 | 5/8" or 3/4" wide belts | Hard | 051141-28380-7 | 10 |
| 28381 | 1/2 × 7 × 1/32 | 1/2" wide belts | Thin | 051141-28381-4 | 10 |
| 28382 | 3/4 × 7 × 1/32 | 5/8" or 3/4" wide belts | Thin | 051141-28382-1 | 10 |
| 28726 | 15-3/4 × 11-13/16 | Can be cut to fit any belt size arm | Soft | 051141-28726-3 | 10 |

## 3M™ File Belt Arm Service Tool Kit

| Part No. | Description | UPC | Case Quantity |
|---|---|---|---|
| 30670 | Contains Wheel Positioning Block, Shaft Removal Tool, 2 Bearing Removal Tools, Bearing Mount Tool, Bearing Tool and Retaining Compound | 051141-30670-4 | 1 |

30670

## 3M™ File Belt Attachment Arm Repair Kits

- Kits contain: Contact wheel, bearing, shaft and platen pad if applicable
- 3M™ File Belt Arm Service Tool Kit (PN30670) recommended for use with repair kits

| Attachment Arm Repair Kit Part No. | For Use With Attachment Arm Part No. |
|---|---|
| 30663 | 28368 |
| 30667 | 28369 |
| 30668 | 28370 |
| 30664 | 28371 |
| 30666 | 28372 |
| 30665 | 28373 |
| 30662 | 28374 |
| 30669 | 28375 |

30663

30667

30668

30664

30666

30665

30662

30669

# Orbital/Random Orbital Sander Accessories

20215

## 3M™ Service Tool Kit

| Part No. | Description | UPC | MOQ |
|---|---|---|---|
| 20215 | Contains all of the special tools needed to disassemble and reassemble the 3M™ Orbital and Random Orbital Sanders | 051141-20215-0 | 1 |

## 3M™ Orbital/Random Orbital Sander Drop In Motors

28318

30445

01811

30444

01812

20216/20217/20218
20256/20221/20222

30443

20223

| Part No. | Tool Size Inch (mm) | Orbit Diameter Inch (mm) | Description | UPC | MOQ |
|---|---|---|---|---|---|
| 28318 | 1-1/4 (32) | 3/16 (5) | Mini | 051141-28318-0 | 1 |
| 30445 | 3 (76) | 1/2 (12) | for Original ROS | 051141-30445-8 | 1 |
| 20216 | 3 (76) | 3/32 (2.5) | for Original ROS | 051141-20216-7 | 1 |
| 20217 | 3 (76) | 3/16 (5) | for Original ROS | 051141-20217-4 | 1 |
| 20218 | 5 (127) | 3/32 (2.5) | for Original ROS | 051141-20218-1 | 1 |
| 01811 | 5 (127) | 3/16 (5) | for Original ROS | 051122-01811-4 | 1 |
| 20256 | 5 (127) | 5/16 (8) | for Original ROS | 051141-20256-3 | 1 |
| 01812 | 6 (150) | 3/32 (2.5) | for Original ROS | 051122-01812-1 | 1 |
| 20221 | 6 (150) | 3/16 (5) | for Original ROS | 051141-20221-1 | 1 |
| 20222 | 6 (150) | 5/16 (8) | for Original ROS | 051141-20222-8 | 1 |
| 30443 | 6 (150) | 3/16 (5) | Two-Hand | 051141-30443-4 | 1 |
| 28868 | 6 (150) | 3/8 (10) | Two-Hand | 051141-28868-1 | 1 |
| 20223 | 3 × 4 (76 × 100) | 1/8 (3.2) | for Original ROS | 051141-20223-5 | 1 |
| 55434 | 5 (127) | 3/32 (2.5) | for Electric ROS | 051141-55434-1 | 1 |
| 55435 | 5 (127) | 3/16 (5) | for Electric ROS | 051141-55435-8 | 1 |
| 55436 | 6 (150) | 3/32 (2.5) | for Electric ROS | 051141-55436-5 | 1 |
| 55437 | 6 (150) | 3/16 (5) | for Electric ROS | 051141-55437-2 | 1 |
| 28605 | 3 (76) | 3/32 (2.5) | for Elite ROS | 051141-28605-1 | 1 |
| 28606 | 3 (76) | 3/32 (2.5) | for Elite ROS | 051141-28606-8 | 1 |
| 28607 | 5 (127) | 3/32 (2.5) | for Elite ROS | 051141-28607-5 | 1 |
| 28608 | 5 (127) | 3/16 (5) | for Elite ROS | 051141-28608-2 | 1 |
| 28609 | 5 (127) | 5/16 (8) | for Elite ROS | 051141-28609-9 | 1 |
| 28610 | 5 (127) | 3/8 (10) | for Elite ROS | 051141-28610-5 | 1 |
| 28611 | 6 (150) | 3/32 (2.5) | for Elite ROS | 051141-28611-2 | 1 |
| 28612 | 6 (150) | 3/16 (5) | for Elite ROS | 051141-28612-9 | 1 |
| 28613 | 6 (150) | 5/16 (8) | for Elite ROS | 051141-28613-6 | 1 |
| 28614 | 6 (150) | 3/8 (10) | for Elite ROS | 051141-28614-3 | 1 |
| 44503 | 5 (127) | 3/8 (10) | for 28392 | 076308-44503-4 | 1 |

## 3M™ Random Orbital Sander Grips — Elite and Original Series

| Part No. | Sander Series | Size | Diameter | UPC |
|---|---|---|---|---|
| 55204 | Elite Series | Small | 2-1/2" | 051141-55204-0 |
| 55205 | Elite Series | Medium | 2-3/4" (Standard on Tool) | 051141-55205-7 |
| 55206 | Elite Series | Large | 3" | 051141-55206-4 |
| 20342 | Original Series | Small | 2-1/2" | 051141-20342-3 |
| 20343 | Original Series | Medium | 2-3/4" (Standard on Tool) | 051141-20343-0 |
| 20344 | Original Series | Large | 3" | 051141-20344-7 |

55204 55205 55206 20342 20343 20344

# 3M™ Power Tools — Quick Reference

### 3M™ Cut-Off Wheel Tools

| Size | Max RPM | Motor | UPC |
|---|---|---|---|
| 3" | 25,000 | 1 HP | 051141-20233-4 |
| 4" | 19,000 | 1 HP | 051141-28771-3 |
| 4-1/2"–5" | 12,000 | 1.5 HP | 051141-28826-0 |

### 3M™ Grinders (Type 27)

| Size | Max RPM | Motor | Desc. | UPC |
|---|---|---|---|---|
| 4" | 12,000 | 1 HP | Regular | 051141-28403-3 |
| 4-1/2" | 12,000 | 1 HP | Regular | 051141-28405-7 |
| 4-1/2"–5" | 12,000 | 1.5 HP | Regular | 051141-28824-6 |

### 3M™ Disc Sanders

| Size | Max RPM | Motor | UPC |
|---|---|---|---|
| 2" | 20,000 | 0.3 HP | 051141-28341-8 |
| 2" | 12,000 | 0.3 HP | 051141-28328-9 |
| 2" | 20,000 | 0.5 HP | 051141-20231-0 |
| 2" | 12,000 | 0.5 HP | 051141-28329-6 |
| 3" | 15,000 | 1 HP | 051141-20232-7 |
| 4"–5" | 12,000 | 1 HP | 051141-28408-8 |
| 4-1/2"–5" | 12,000 | 1.5 HP | 051141-28825-3 |
| **Pistol Grip** | | | |
| 3" | 15,000 | 0.45 HP | 051141-28547-4 |
| 3" | 15,000 | 0.45 HP | 051141-28353-1* |

*Random orbital tool with 1/8" orbit

### 3M™ Match and Finish Sander

| Max RPM | Motor | UPC |
|---|---|---|
| 3,500 | 1 HP | 051141-28659-4 |

### 3M™ Inline Sander

| Max RPM | Motor | UPC |
|---|---|---|
| 3,500 | 1 HP | 051141-28339-5 |

### 3M™ File Belt Sander

| Max RPM | Motor | UPC |
|---|---|---|
| 22,000 | 0.6 HP | 051141-28366-1 |

### 3M™ Die Grinders

| Max RPM | Motor | Length | UPC |
|---|---|---|---|
| 25,000 | 0.3 HP | Extended | 051141-28630-3 |
| 25,000 | 0.3 HP | Regular | 051141-28629-7 |
| 18,000 | 0.3 HP | Extended | 051141-28628-0 |
| 18,000 | 0.3 HP | Regular | 051141-28627-3 |
| 18,000 | 0.5 HP | Regular | 051141-28330-2 |
| 18,000 | 0.5 HP | Extended | 051141-28331-9 |
| 4,000 | 0.5 HP | Regular | 051141-28332-6 |
| 20,000 | 1 HP | Regular | 051141-20237-2 |
| 18,000 | 1 HP | Regular | 051141-20238-9 |
| 18,000 | 1 HP | Extended | 051141-28770-6 |
| 12,000 | 1 HP | Regular | 051141-20239-6 |
| 8,000 | 1 HP | Regular | 051141-20240-2 |

### 3M™ Elite Series Random Orbital Sanders

| Size | Max RPM | Motor | Orbit Dia. | UPC |
|---|---|---|---|---|
| **Non-Vacuum** | | | | |
| 3" | 12,000 | 0.28 HP | 3/16" | 051141-28494-1 |
| 3" | 12,000 | 0.28 HP | 3/32" | 051125-87092-4 |
| 5" | 12,000 | 0.28 HP | 3/8" | 051141-28583-2 |
| 5" | 12,000 | 0.28 HP | 5/16" | 051141-28495-8 |
| 5" | 12,000 | 0.28 HP | 3/16" | 051141-28497-2 |
| 5" | 12,000 | 0.28 HP | 3/16" | 051141-28708-9* |
| 5" | 12,000 | 0.28 HP | 3/32" | 051141-28498-9 |
| 6" | 12,000 | 0.28 HP | 3/8" | 051141-28582-5 |
| 6" | 12,000 | 0.28 HP | 5/16" | 051141-28499-6 |
| 6" | 12,000 | 0.28 HP | 3/16" | 051141-28500-9 |
| 6" | 12,000 | 0.28 HP | 3/32" | 051141-28501-6 |
| **Self-Generated Vacuum** | | | | |
| 3" | 12,000 | 0.28 HP | 3/16" | 051141-28511-5 |
| 3" | 12,000 | 0.28 HP | 3/32" | 051141-28513-9 |
| 5" | 12,000 | 0.28 HP | 3/8" | 051141-28563-4 |
| 5" | 12,000 | 0.28 HP | 5/16" | 051141-28512-2 |
| 5" | 12,000 | 0.28 HP | 3/16" | 051141-28514-6 |
| 5" | 12,000 | 0.28 HP | 3/32" | 051141-28515-3 |
| 6" | 12,000 | 0.28 HP | 3/8" | 051141-28562-7 |
| 6" | 12,000 | 0.28 HP | 5/16" | 051141-28510-8 |
| 6" | 12,000 | 0.28 HP | 3/16" | 051141-28516-0 |
| 6" | 12,000 | 0.28 HP | 3/32" | 051141-28517-7 |
| **Central-Vacuum-Ready** | | | | |
| 3" | 12,000 | 0.28 HP | 3/16" | 051141-28503-0 |
| 3" | 12,000 | 0.28 HP | 3/32" | 051141-28505-4 |
| 5" | 12,000 | 0.28 HP | 3/8" | 051141-28561-0 |
| 5" | 12,000 | 0.28 HP | 5/16" | 051141-28504-7 |
| 5" | 12,000 | 0.28 HP | 3/16" | 051141-28506-1 |
| 5" | 12,000 | 0.28 HP | 3/32" | 051141-28507-8 |
| 6" | 12,000 | 0.28 HP | 3/8" | 051141-28560-3 |
| 6" | 12,000 | 0.28 HP | 5/16" | 051141-28502-3 |
| 6" | 12,000 | 0.28 HP | 3/16" | 051141-28508-5 |
| 6" | 12,000 | 0.28 HP | 3/32" | 051141-28509-2 |

*Comes with 3M™ Hookit™ Backup Pad 20352

### 3M™ Random Orbital Sanders

| Size | Max RPM | Motor | Orbit Dia. | UPC |
|---|---|---|---|---|
| **Self-Generated Vacuum** | | | | |
| 5" | 12,000 | 0.24 HP | 3/16" | 051141-20319-5 |
| 6" | 12,000 | 0.24 HP | 5/16" | 051141-20208-2 |
| 6" | 12,000 | 0.24 HP | 3/16" | 051141-20327-0 |
| **Non-Vacuum** | | | | |
| 5" | 12,000 | 0.24 HP | 3/16" | 051141-20317-1 |
| 6" | 12,000 | 0.24 HP | 5/16" | 051141-20324-9 |
| 6" | 12,000 | 0.24 HP | 3/16" | 051141-20325-6 |

### 3M™ Orbital Sanders

| Size | Max RPM | Motor | Orbit Dia. | UPC |
|---|---|---|---|---|
| **Elite Series** | | | | |
| 2-3/4" x 7-3/4" | 10,000 | 0.28 HP | 1/8" | 051141-28527-6 |
| | 10,000 | 0.28 HP | 1/8" | 051141-28529-0 |
| **Original Series** | | | | |
| 3" x 4" | 10,000 | 0.24 HP | 1/8" | 051141-20331-7 |
| | 10,000 | 0.24 HP | 1/8" | 051141-20430-7 |
| | 10,000 | 0.24 HP | 1/8" | 051141-20431-4 |

### 3M™ Random Orbital Sander, 2-Hand

| Size | Max RPM | Motor | Orbit Dia. | UPC |
|---|---|---|---|---|
| **Non-Vacuum/Central-Vacuum-Ready** | | | | |
| 6" | 12,000 | 0.45 HP | 3/8" | 051141-28337-1 |
| **Self-Generated Vacuum** | | | | |
| 6" | 12,000 | 0.45 HP | 3/8" | 051141-28335-7 |

### 3M™ Elite Series Mini Orbital Sander

| Size | Max RPM | Motor | UPC |
|---|---|---|---|
| 1-1/4" x 3/16" | 8,000 | 0.48 HP | 051141-28737-9 |

### 3M™ Mini-Random Orbital Sander

| Size | Max RPM | Motor | UPC |
|---|---|---|---|
| 1-1/4" x 3/16" | 8,000 | 0.24 HP | 051141-20244-0 |

### 3M™ Buffers

| Size | Max RPM | Motor | Orbit Dia. | UPC |
|---|---|---|---|---|
| 3" | 11,000 | 0.26 HP | 1/2" | 051141-28333-3 |
| 3" | 3,500 | 0.26 HP | Rotary | 051141-28631-0 |
| 5" | 10,000 | 0.45 HP | 3/8" | 051141-28392-0 |
| **Pistol Grip** | | | | |
| 3" | 2,200 | 0.45 HP | Rotary | 051141-28354-8 |
| **Palm** | | | | |
| 3" | 12,000 | 0.28 HP | 1/2" | 051141-28769-0 |

Quick Reference

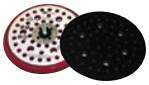
*3M™ Power Tools. Abrasives Tools from the Abrasives Experts.*

# 3M™ Power Tool Accessories — Quick Reference

### 3M™ Filter Bags and Adapters

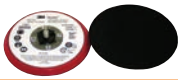
| UPC | Size |
|---|---|
| **3M™ Clean Sanding Filter Bag — HEPA-rated** | |
| 051141-20452-9 | Large — Holds up to 1/2 lb. |
| 051141-28364-7 | Extra Large — Holds up to 3 lbs. |
| **3M™ Clean Sanding Filter Bag Backpack Assembly** | |
| 051141-28365-4 | — |
| **3M™ Filter Bag Adapter** | |
| 051141-20453-6 | 1" EXT Hose Thread x 1" ID |

### 3M™ Hookit™ Clean Sanding Disc Pads



| UPC | Size | Thickness | Density |
|---|---|---|---|
| **Max RPM/OPM = 12,000** | | | |
| 051141-20428-4 | 3" x 1/4–20 EXT | 3/4" | Soft |
| 051141-20290-7 | 5" x 5/16–24 EXT | 11/16" | Soft |
| 051141-20353-9 | 5" x 5/16–24 EXT | 3/8" | Firm |
| 051141-20465-9 | 6" x 5/16–24 EXT | 3/8" | Firm |
| 051141-20356-0 | 6" x 5/16–24 EXT | 3/8" | Firm |
| 051141-20425-3 | 6" x 5/16–24 EXT | 1/2" | Soft |
| **Max RPM/OPM = 15,000** | | | |
| 051141-20350-8 | 3" x 1/4–20 EXT | 1/2" | Firm |

### 3M™ Hookit™ Disc Pads



| UPC | Size | Thickness | Density |
|---|---|---|---|
| **Max RPM/OPM = 12,000** | | | |
| 051131-05775-3 | 5" x 5/16–24 EXT | 3/4" | Medium |
| 051141-20352-2 | 5" x 5/16–24 EXT | 3/8" | Firm |
| 051144-77855-3 | 5" x 5/16–24 EXT | 11/16" | Soft |
| 051141-20355-3 | 6" x 5/16–24 EXT | 3/8" | Firm |
| **Max RPM/OPM = 15,000** | | | |
| 051141-28472-9 | 3" x 1/4–20 EXT | 1/2" | Firm |

### 3M™ Stikit™ Disc Pads

| UPC | Diameter | Thickness | Density |
|---|---|---|---|
| **Max OPM/RPM = 15,000** | | | |
| 051141-20348-5 | 3" x 1/4–20 EXT | 1/2" | Firm |
| **Max RPM = 12,000** | | | |
| 051111-55813-3 | 5" x 5/8–11 INT | 1/2" | Medium |
| 051144-82189-1 | 5" x 5/8–11 INT | 3/4" | Medium |
| **Max OPM = 12,000 Max RPM = 10,000** | | | |
| 051144-05575-3 | 5" x 5/16–24 EXT | 3/4" | Medium |
| 051131-05546-9 | 6" x 5/16–24 EXT | 11/16" | Soft |
| **Max OPM/RPM = 12,000** | | | |
| 051141-20351-5 | 5" x 5/16–24 EXT | 3/8" | Firm |
| 051131-05545-2 | 5" x 5/16–24 EXT | 11/16" | Soft |
| 051141-20354-6 | 6" x 5/16–24 EXT | 3/8" | Firm |

### 3M™ Hookit™ Clean Sanding Pads

| UPC | Size | Thickness | Density |
|---|---|---|---|
| **Max OPM = 10,000** | | | |
| 051141-20435-2 | 3" x 4" | 1/2" | Medium |
| 051141-28531-3 | 70mm x 198mm | 12.7mm | Medium |

### 3M™ Hookit™ Pad

| UPC | Size | Thickness | Density | Max OPM |
|---|---|---|---|---|
| 051141-20433-8 | 3" x 4" | 1/2" | Medium | 10,000 |

### 3M™ Finesse-it™ Buffing Pads

| UPC | Diameter | Description |
|---|---|---|
| **Max OPM = 12,000** | | |
| 051111-51151-0 | 3-1/4" | Orange Foam/White Loop |
| 051141-20271-6 | 3-3/4" | White Foam/White Loop |
| 051111-51158-9 | 3-3/4" | Orange Foam/White Loop |
| 051111-51076-6 | 5-1/4" | Orange Foam/White Loop |
| 051141-28878- 9 | 3-1/4" | Gray Foam; Waffle Face |
| 051141-28879-6 | 3-3/4" | Gray Foam; Waffle Face |
| 051141-28880-2 | 5-1/4" | Gray Foam; Waffle Face |
| 051141-28873-4 | 3-1/2" | Gray Foam; Flat Face |
| 051125-87391-8 | 5-1/4" | Gray Foam; Flat Face |
| 051141-28869-7 | 3-1/4" | Green Foam; Waffle Face |
| 051141-28870-3 | 3-3/4" | Green Foam; Waffle Face |
| 051141-28871-0 | 5-1/4" | Green Foam; Waffle Face |
| 051141-28872-7 | 3-1/2" | Green Foam; Flat Face |
| 051141-28874-1 | 3-1/4" | Red Foam; Waffle Face |
| 051141-28875-8 | 3-3/4" | Red Foam; Waffle Face |
| 051141-28876-5 | 5-1/4" | Red Foam; Waffle Face |
| 051141-28877-2 | 3-1/2" | Red Foam; Flat Face |

### 3M™ Roloc™ Shank

| UPC | Shank Size | Thread Size |
|---|---|---|
| 051144-45102-9 | 1/4" | 1/4–20 EXT |

### 3M™ Roloc™ Disc Pads

| UPC | Size | Max RPM | Density |
|---|---|---|---|
| **Roloc™ TR (Plastic Button)** | | | |
| 051144-45096-1 | 2" x 1/4–20 INT | 25,000 | Hard |
| 051144-45091-6 | 3" x 1/4–20 INT | 20,000 | Hard |
| 051144-83980-3 | 4" x 5/8–11 INT | 12,000 | Extra Hard |
| 051141-28475-0 | 4" x 3/8–24 INT | 12,000 | Extra Hard |
| **Roloc™ TS/TSM** | | | |
| 051144-14212-5 | 2" x 1/4–20 INT | 25,000 | Hard |
| 051144-14216-3 | 3" x 1/4–20 INT | 20,000 | Hard |
| 051144-28577-1 | 4" x 3/8–24 INT | 12,000 | Extra Hard |
| 051144-28579-5 | 4" x 5/8–11 INT | 12,000 | Extra Hard |

### 3M™ Hookit™ Roloc™ Disc Pads

| UPC | Diameter | Max OPM | Max RPM |
|---|---|---|---|
| **Roloc™ TR (Plastic Button)** | | | |
| 051144-82564-6 | 1" | 10,000 | 8,000 |
| 051111-60311-6 | 1-1/16" | 10,000 | 10,000 |
| 051144-82565-3 | 1-1/2" | 10,000 | 8,000 |
| 051144-82566-0 | 2" | 10,000 | 8,000 |
| 051144-82567-7 | 3" | 10,000 | 8,000 |
| **3M™ Finesse-it™ Roloc™ Backup Pad — TR** | | | |
| 051111-50198-6 | 1-1/4" | Medium | 12,000 |

### 3M™ Disc Pad Hubs

| UPC | Diameter | Thread Size |
|---|---|---|
| 051141-28442-2 | 2-1/2" | 3/8–24 INT x 5/8–11 EXT |
| 051141-28476-7 | 2-1/2" | 5/8–11 INT |

### Disc Pad Holders (Hook-and-Loop)

| UPC | Size | Max RPM |
|---|---|---|
| 048011-07494-8 | 2" x 1/4" shank | 23,000 |
| 048011-04132-2 | 3" x 1/4" shank | 20,000 |
| 048011-07492-4 | 4" x 1/4" shank | 13,000 |
| 048011-05674-6 | 4" x 5/8–11 INT | 13,000 |
| 048011-14111-4 | 4-1/2" x 5/8–11 INT | 13,000 |

### 3M™ Disc Pad Face Plates

| UPC | Diameter | Hardness | Max RPM |
|---|---|---|---|
| **Ribbed** | | | |
| 051141-28656-3 | 4" | Extra Hard | 15,000 |
| 051141-28443-9 | 4-1/2" | Extra Hard | 13,300 |
| 051144-81732-0 | 5" | Extra Hard | 12,000 |

### 3M™ Disc Retainer Nuts

| UPC | Length | Thread Size |
|---|---|---|
| 051111-51047-6 | 5/16" | 5/8–11 INT |
| 051144-05622-4 | 3/8" | 5/8–11 INT |

### 3M™ Air Tool and Compressor Lubricants

| UPC | Size |
|---|---|
| 051141-20466-6 | Quart |
| 051141-20467-3 | Gallon |
| 051141-20451-2 | 4 fl. oz. (118mL) |
| 051141-28828-4 | 1 fl. oz. |

### 3M™ 935 Mini Mandrel

| UPC | Shank Size | Overall Length | Max RPM |
|---|---|---|---|
| 048011-04020-2 | 1/4" | 2-7/8" | 14,000 |

### 3M™ Square/Cross Pad Mandrels

| UPC | Thread Size | Shank Size | Overall Length |
|---|---|---|---|
| **Max RPM = 24,100** | | | |
| 051144-14307-8 | 8–32 EXT | 1/4" | 3" |
| 051144-14308-5 | 1/4–20 EXT | 1/4" | 3" |

### 3M™ Unitized Wheel Mandrels

| UPC | Part No. | Overall Length | Outside Flange Diameter | Max RPM |
|---|---|---|---|---|
| **Shank Size = 1/4"** | | | | |
| 048011-04018-9 | 936 | 2-1/16" | 3/4" | 22,200 |
| 048011-15012-3 | 990 | 1-3/4" | 1" | 25,100 |

### 3M™ Adapters

| UPC | Size |
|---|---|
| **3M™ Wheel Adapter Kit** | |
| 051141-28419-4 | 1/2–20 EXT x 5/8–11 INT |
| 051144-45038-1 | 5/8–11 EXT x 5/8–11 INT |
| **3M™ Spindle Extender Kit** | |
| 048011-04019-6 | 5/8–11 EXT x 5/8–11 INT |
| **Replacement Spacers** | |
| 051141-28636-5 | 1" OD x 5/8" ID x 3/8" thick |
| 051141-28637-2 | 1" OD x 5/8" ID x 3/16" thick |
| **3M™ Match and Finish Adapter Kit** | |
| 051141-27819-5 | 1" x 5/8–11 INT |

### 3M™ Rubber Cushion Polishing Wheels

| UPC | Diameter | Width | Max RPM |
|---|---|---|---|
| **Shank Size = 1/4"** | | | |
| 051144-45139-5 | 1" | 1" | 18,000 |
| 051144-45129-6 | 2" | 1" | 11,000 |

### 3M™ Rubber Slotted Expander Wheels

| UPC | Size | Density | Max RPM |
|---|---|---|---|
| 051144-77717-4 | 1" x 1" x 1/4" | Medium | 18,000 |
| 051144-77720-4 | 2" x 1" x 1/4" | Medium | 12,000 |
| 051144-77721-1 | 2" x 2" x 1/4" | Medium | 6,000 |
| 051144-77722-8 | 3" x 3" x 5/8–11 INT | Medium | 6,000 |
| 051141-28349-4 | 3.4" x 3" x 5/8" CH | Soft | 3,500 |
| 051141-28348-7 | 5" x 3-1/2" x 5/8" CH | Soft | 3,500 |
| 051141-28718-8 | 5" x 3-1/2" x 1" AH | Soft | 3,500 |

### 3M™ File Belt Sander Attachment Arms

| UPC | Description |
|---|---|
| 051141-28368-5 | Standard Style |
| 051141-28369-2 | Thin Style |
| 051141-28370-8 | Corners Style |
| 051141-28371-5 | Thick Standard Style |
| 051141-28372-2 | Corners Style |
| 051141-28374-6 | Curved Arm |
| 051141-28375-3 | Vessel Arm |
| 051141-28376-0 | Extension — Extend arms to 24" length |

Quick Reference

***The full line of 3M™ Accessories is available in the Accessories for Abrasive Products catalog.***

# Part Number Index


| Part No. | Page |
|---|---|
| 905 | 7 |
| 914 | 7 |
| 922 | 7 |
| 923 | 7 |
| 924 | 7 |
| 935 | 14 |
| 936 | 14 |
| 944 | 14 |
| 990 | 14 |
| 1811 | 34 |
| 1812 | 34 |
| 2286 | 8 |
| 2345 | 22 |
| 2362 | 24 |
| 2511 | 22 |
| 2637 | 24 |
| 2648 | 24 |
| 4019 | 10 |
| 5545 | 18 |
| 5546 | 18 |
| 5551 | 19 |
| 5575 | 18 |
| 5622 | 7 |
| 5645 | 18 |
| 5646 | 18 |
| 5775 | 19 |
| 5858 | 19 |
| 5876 | 19 |
| 6195 | 31 |
| 9145 | 7 |
| 9215 | 7 |
| 13325 | 7 |
| 14212 | 8 |
| 14216 | 8 |
| 14270 | 7 |
| 20206 | 19 |
| 20208 | 17 |
| 20209 | 31 |
| 20215 | 34 |
| 20216 | 34 |
| 20217 | 34 |
| 20218 | 34 |
| 20221 | 34 |
| 20222 | 34 |
| 20223 | 34 |
| 20231 | 5 |
| 20232 | 5 |

| Part No. | Page |
|---|---|
| 20233 | 2 |
| 20237 | 13 |
| 20238 | 13 |
| 20239 | 13 |
| 20240 | 13 |
| 20244 | 22 |
| 20256 | 34 |
| 20271 | 24 |
| 20290 | 19 |
| 20317 | 17 |
| 20319 | 17 |
| 20324 | 17 |
| 20325 | 17 |
| 20327 | 17 |
| 20331 | 21 |
| 20338 | 23 |
| 20340 | 23 |
| 20341 | 23 |
| 20342 | 34 |
| 20343 | 34 |
| 20344 | 34 |
| 20348 | 18 |
| 20350 | 19 |
| 20351 | 18 |
| 20352 | 19 |
| 20353 | 19 |
| 20354 | 18 |
| 20355 | 19 |
| 20356 | 19 |
| 20425 | 19 |
| 20427 | 25 |
| 20428 | 19 |
| 20430 | 21 |
| 20431 | 21 |
| 20432 | 21 |
| 20433 | 21 |
| 20435 | 21 |
| 20442 | 18 |
| 20443 | 17 |
| 20444 | 17 |
| 20445 | 17 |
| 20446 | 17 |
| 20451 | 31 |
| 20452 | 23 |
| 20453 | 23 |
| 20454 | 18 |
| 20465 | 19 |

| Part No. | Page |
|---|---|
| 20466 | 31 |
| 20467 | 31 |
| 22970 | 9 |
| 25119 | 31 |
| 28301 | 23 |
| 28302 | 23 |
| 28303 | 23 |
| 28304 | 23 |
| 28318 | 34 |
| 28325 | 21 |
| 28326 | 17 |
| 28328 | 5 |
| 28329 | 5 |
| 28330 | 13 |
| 28331 | 13 |
| 28332 | 13 |
| 28333 | 24 |
| 28335 | 22 |
| 28337 | 22 |
| 28339 | 10 |
| 28341 | 5 |
| 28348 | 10 |
| 28349 | 10 |
| 28353* | 6 |
| 28354 | 24 |
| 28364 | 23 |
| 28365 | 23 |
| 28366 | 11 |
| 28367 | 11 |
| 28368 | 11 |
| 28369 | 11 |
| 28370 | 11 |
| 28371 | 11 |
| 28372 | 11 |
| 28374 | 11 |
| 28375 | 11 |
| 28376 | 11 |
| 28377 | 33 |
| 28378 | 33 |
| 28379 | 33 |
| 28380 | 33 |
| 28381 | 33 |
| 28382 | 33 |
| 28383 | 23 |
| 28392 | 24 |
| 28393 | 23 |
| 28403 | 3 |

| Part No. | Page |
|---|---|
| 28405 | 3 |
| 28408 | 5 |
| 28411* | 19 |
| 28419 | 10 |
| 28442 | 7 |
| 28443 | 7 |
| 28472 | 25 |
| 28473 | 8 |
| 28474 | 8 |
| 28475 | 8 |
| 28476 | 7 |
| 28494 | 16 |
| 28495 | 16 |
| 28497 | 16 |
| 28498 | 16 |
| 28499 | 16 |
| 28500 | 16 |
| 28501 | 16 |
| 28502 | 16 |
| 28503 | 16 |
| 28504 | 16 |
| 28505 | 16 |
| 28506 | 16 |
| 28507 | 16 |
| 28508 | 16 |
| 28509 | 16 |
| 28510 | 16 |
| 28511 | 16 |
| 28512 | 16 |
| 28513 | 16 |
| 28514 | 16 |
| 28515 | 16 |
| 28516 | 16 |
| 28517 | 16 |
| 28527 | 20 |
| 28529 | 20 |
| 28531 | 20 |
| 28547 | 6 |
| 28560 | 16 |
| 28561 | 16 |
| 28562 | 16 |
| 28563 | 16 |
| 28576 | 8 |
| 28577 | 8 |
| 28578 | 8 |
| 28579 | 8 |
| 28580 | 8 |

# Part Number Index


| Part No. | Page |
|---|---|
| 28581 | 8 |
| 28582 | 16 |
| 28583 | 16 |
| 28605 | 34 |
| 28606 | 34 |
| 28607 | 34 |
| 28608 | 34 |
| 28609 | 34 |
| 28610 | 34 |
| 28611 | 34 |
| 28612 | 34 |
| 28613 | 34 |
| 28614 | 34 |
| 28627 | 13 |
| 28628 | 13 |
| 28629 | 13 |
| 28630 | 13 |
| 28631 | 24 |
| 28636 | 10 |
| 28637 | 10 |
| 28651 | 32 |
| 28652 | 32 |
| 28656 | 7 |
| 28657 | 7 |
| 28658 | 7 |
| 28659 | 9 |
| 28660 | 20 |
| 28708 | 16 |
| 28710 | 8 |
| 28711 | 8 |
| 28718 | 9 |
| 28718 | 10 |
| 28719 | 9 |
| 28726 | 33 |
| 28730 | 23 |
| 28737 | 22 |
| 28739 | 7 |
| 28740 | 7 |

| Part No. | Page |
|---|---|
| 28769 | 24 |
| 28770 | 13 |
| 28771 | 2 |
| 28772 | 18 |
| 28791 | 25 |
| 28792 | 25 |
| 28793 | 25 |
| 28794 | 25 |
| 28795 | 25 |
| 28796 | 25 |
| 28797 | 25 |
| 28824 | 3 |
| 28825 | 5 |
| 28826 | 2 |
| 28827 | 31 |
| 28828 | 31 |
| 28868 | 34 |
| 28869 | 24 |
| 28870 | 24 |
| 28871 | 24 |
| 28872 | 24 |
| 28873 | 24 |
| 28874 | 24 |
| 28875 | 24 |
| 28876 | 24 |
| 28877 | 24 |
| 28878 | 24 |
| 28879 | 24 |
| 28880 | 24 |
| 28890 | 7 |
| 28891 | 7 |
| 28892 | 7 |
| 30324 | 23 |
| 30439 | 23 |
| 30440 | 23 |
| 30441 | 23 |
| 30442 | 23 |
| 30443 | 34 |

| Part No. | Page |
|---|---|
| 30445 | 34 |
| 30662 | 33 |
| 30663 | 33 |
| 30664 | 33 |
| 30665 | 33 |
| 30666 | 33 |
| 30667 | 33 |
| 30668 | 33 |
| 30669 | 33 |
| 30670 | 33 |
| 44503 | 34 |
| 45038 | 10 |
| 45091 | 8 |
| 45093 | 8 |
| 45096 | 8 |
| 45097 | 8 |
| 45102 | 9 |
| 45205 | 7 |
| 45217 | 18 |
| 45218 | 18 |
| 50146 | 7 |
| 51047 | 7 |
| 54062 | 32 |
| 54063 | 32 |
| 54064 | 32 |
| 54065 | 32 |
| 54066 | 32 |
| 54067 | 32 |
| 54105 | 32 |
| 54106 | 32 |
| 54107 | 32 |
| 55180 | 31 |
| 55204 | 34 |
| 55205 | 34 |
| 55206 | 34 |
| 55434 | 34 |
| 55435 | 34 |
| 55436 | 34 |

| Part No. | Page |
|---|---|
| 55437 | 34 |
| 56573 | 7 |
| 67415 | 9 |
| 67415 | 22 |
| 70138 | 19 |
| 70234 | 18 |
| 77717 | 14 |
| 77718 | 14 |
| 77720 | 14 |
| 77721 | 14 |
| 77722 | 10 |
| 77728 | 8 |
| 77855 | 19 |
| 77856 | 19 |
| 81470 | 24 |
| 81732 | 7 |
| 81733 | 7 |
| 81734 | 7 |
| 82189 | 18 |
| 82564 | 9 |
| 82564 | 22 |
| 82565 | 9 |
| 82565 | 22 |
| 82566 | 9 |
| 82567 | 9 |
| 82659 | 19 |
| 82974 | 8 |
| 82975 | 8 |
| 83489 | 8 |
| 83980 | 8 |
| 84226 | 25 |
| 85096 | 19 |
| 85099 | 24 |
| 85105 | 19 |
| 87092 | 16 |
| 87391 | 24 |
| 88765 | 7 |
| A0778 | 23 |

# UPC Number Index


| Part No. | Page |
|---|---|
| 051141-20233-4 | 2 |
| 051141-28771-3 | 2 |
| 051141-28826-0 | 2 |
| 051141-28403-3 | 3 |
| 051141-28405-7 | 3 |
| 051141-28824-6 | 3 |
| 051141-28341-8 | 5 |
| 051141-28328-9 | 5 |
| 051141-20231-0 | 5 |
| 051141-20232-7 | 5 |
| 051141-28329-6 | 5 |
| 051141-28408-8 | 5 |
| 051141-28825-3 | 5 |
| 051141-28547-4 | 6 |
| 051141-28353-1 | 6 |
| 048011-04130-8 | 7 |
| 048011-07494-8 | 7 |
| 048011-04132-2 | 7 |
| 048011-07492-4 | 7 |
| 048011-05674-6 | 7 |
| 048011-14111-4 | 7 |
| 048011-09448-9 | 7 |
| 051141-28890-1 | 7 |
| 051141-28891-8 | 7 |
| 051141-28892-5 | 7 |
| 051144-45097-8 | 8 |
| 051144-45096-1 | 8 |
| 051144-45093-0 | 8 |
| 051144-45091-6 | 8 |
| 051144-83980-3 | 8 |
| 051144-83489-1 | 8 |
| 051141-28474-3 | 8 |
| 051141-28475-0 | 8 |
| 051144-77728-0 | 8 |
| 051144-14212-5 | 8 |
| 051144-14216-3 | 8 |
| 051141-28576-4 | 8 |
| 051141-28577-1 | 8 |
| 051141-28578-8 | 8 |
| 051141-28579-5 | 8 |
| 051144-82974-3 | 8 |
| 051141-28711-9 | 8 |
| 051144-82975-0 | 8 |
| 051141-28710-2 | 8 |
| 051111-56479-0 | 8 |
| 051141-28473-6 | 8 |
| 051141-28580-1 | 8 |
| 051141-28581-8 | 8 |
| 051144-82564-6 | 9 |
| 051111-60311-6 | 9 |
| 051144-82565-3 | 9 |
| 051144-82566-0 | 9 |
| 051144-82567-7 | 9 |
| 048011-22970-6 | 9 |
| 051144-45102-9 | 9 |
| 051141-28659-4 | 9 |
| 051141-28718-8 | 9 |
| 051141-27819-5 | 9 |
| 051141-28339-5 | 10 |
| 051144-77722-8 | 10 |
| 051141-28348-7 | 10 |
| 051141-28349-4 | 10 |
| 051141-28718-8 | 10 |
| 051144-45038-1 | 10 |
| 048011-04019-6 | 10 |
| 051141-28419-4 | 10 |
| 051141-28636-5 | 10 |
| 051141-28637-2 | 10 |
| 051141-28366-1 | 11 |
| 051141-28367-8 | 11 |
| 051141-28368-5 | 11 |
| 051141-28369-2 | 11 |
| 051141-28370-8 | 11 |
| 051141-28371-5 | 11 |
| 051141-28372-2 | 11 |
| 051141-28374-6 | 11 |
| 051141-28375-3 | 11 |
| 051141-28376-0 | 11 |
| 051141-28630-3 | 13 |
| 051141-28629-7 | 13 |
| 051141-28628-0 | 13 |
| 051141-28627-3 | 13 |
| 051141-28330-2 | 13 |
| 051141-28331-9 | 13 |
| 051141-28332-6 | 13 |
| 051141-20237-2 | 13 |
| 051141-20238-9 | 13 |
| 051141-28770-6 | 13 |
| 051141-20239-6 | 13 |
| 051141-20240-2 | 13 |
| 051144-45119-7 | 14 |
| 051144-45117-3 | 14 |
| 051144-45118-0 | 14 |
| 051144-14308-5 | 14 |
| 051144-14307-8 | 14 |
| 051141-28385-2 | 14 |
| 048011-04018-9 | 14 |
| 048011-15012-3 | 14 |
| 048011-13928-9 | 14 |
| 048011-04020-2 | 14 |
| 051144-45121-0 | 14 |
| 051144-45081-7 | 14 |
| 051144-45159-3 | 14 |
| 051144-45156-2 | 14 |
| 051144-45153-1 | 14 |
| 051144-45152-4 | 14 |
| 051144-45145-6 | 14 |
| 051144-45144-9 | 14 |
| 051144-45139-5 | 14 |
| 051144-45138-8 | 14 |
| 051144-45132-6 | 14 |
| 051144-45131-9 | 14 |
| 051144-45130-2 | 14 |
| 051144-45129-6 | 14 |
| 051144-77717-4 | 14 |
| 051144-77718-1 | 14 |
| 051144-77720-4 | 14 |
| 051144-77721-1 | 14 |
| 051141-28494-1 | 16 |
| 051125-87092-4 | 16 |
| 051141-28583-2 | 16 |
| 051141-28495-8 | 16 |
| 051141-28497-2 | 16 |
| 051141-28708-9 | 16 |
| 051141-28498-9 | 16 |
| 051141-28582-5 | 16 |
| 051141-28499-6 | 16 |
| 051141-28500-9 | 16 |
| 051141-28501-6 | 16 |
| 051141-28511-5 | 16 |
| 051141-28513-9 | 16 |
| 051141-28563-4 | 16 |
| 051141-28512-2 | 16 |
| 051141-28514-6 | 16 |
| 051141-28515-3 | 16 |
| 051141-28562-7 | 16 |
| 051141-28510-8 | 16 |
| 051141-28516-0 | 16 |
| 051141-28517-7 | 16 |
| 051141-28503-0 | 16 |
| 051141-28505-4 | 16 |
| 051141-28561-0 | 16 |
| 051141-28504-7 | 16 |
| 051141-28506-1 | 16 |
| 051141-28507-8 | 16 |
| 051141-28560-3 | 16 |
| 051141-28502-3 | 16 |
| 051141-28508-5 | 16 |
| 051141-28509-2 | 16 |
| 051141-20319-5 | 17 |
| 051141-20208-2 | 17 |
| 051141-20327-0 | 17 |
| 051141-20317-1 | 17 |
| 051141-20324-9 | 17 |
| 051141-20325-6 | 17 |
| 051141-28326-5 | 17 |
| 051141-20444-4 | 17 |
| 051141-20443-7 | 17 |
| 051141-20446-8 | 17 |
| 051141-20445-1 | 17 |
| 051141-20348-5 | 18 |
| 051141-20351-5 | 18 |
| 051141-20354-6 | 18 |
| 051111-55813-3 | 18 |
| 051144-82189-1 | 18 |
| 051144-05575-3 | 18 |
| 051141-28772-0 | 18 |
| 051131-05545-2 | 18 |
| 051131-05546-9 | 18 |
| 051141-20442-0 | 18 |
| 051141-20454-3 | 18 |
| 051144-45217-0 | 18 |
| 051144-45218-7 | 18 |
| 051131-05645-9 | 18 |
| 051131-05646-6 | 18 |
| 051141-20352-2 | 19 |
| 051141-20355-3 | 19 |
| 051144-85105-8 | 19 |
| 051144-85096-9 | 19 |
| 051131-05775-3 | 19 |
| 051141-28209-6 | 19 |
| 051144-77855-3 | 19 |
| 051144-82659-9 | 19 |
| 051141-28411-8 | 19 |
| 051131-05876-7 | 19 |
| 051144-77856-0 | 19 |
| 051141-20350-8 | 19 |
| 051141-20353-9 | 19 |

# UPC Number Index


| Part No. | Page |
|---|---|
| 051141-20356-0 | 19 |
| 051141-20465-9 | 19 |
| 051141-20206-8 | 19 |
| 051141-20428-4 | 19 |
| 051141-20290-7 | 19 |
| 051141-20425-3 | 19 |
| 051131-05858-3 | 19 |
| 051131-05551-3 | 19 |
| 051141-28527-6 | 20 |
| 051141-28529-0 | 20 |
| 051141-28660-0 | 20 |
| 051141-28531-3 | 20 |
| 051141-20331-7 | 21 |
| 051141-20430-7 | 21 |
| 051141-20431-4 | 21 |
| 051141-20432-1 | 21 |
| 051141-20433-8 | 21 |
| 051141-20435-2 | 21 |
| 051141-28325-8 | 21 |
| 051141-28337-1 | 22 |
| 051141-28335-7 | 22 |
| 051141-28737-9 | 22 |
| 051141-20244-0 | 22 |
| 051111-50198-6 | 22 |
| 051111-51150-3 | 22 |
| 051144-82564-6 | 22 |
| 051111-60311-6 | 22 |
| 051144-82565-3 | 22 |
| 051141-20452-9 | 23 |
| 051141-28364-7 | 23 |
| 051141-28365-4 | 23 |
| 051141-28383-8 | 23 |
| 051141-20453-6 | 23 |
| 051115-28146-4 | 23 |
| 051141-20338-6 | 23 |
| 051141-28303-6 | 23 |

| Part No. | Page |
|---|---|
| 051141-28302-9 | 23 |
| 051141-28730-0 | 23 |
| 051141-28301-2 | 23 |
| 051141-28393-7 | 23 |
| 051141-30442-7 | 23 |
| 051141-20340-9 | 23 |
| 051141-28304-3 | 23 |
| 051141-30324-6 | 23 |
| 051141-20341-6 | 23 |
| 051141-30441-0 | 23 |
| 051141-30440-3 | 23 |
| 051141-30439-7 | 23 |
| 051141-28333-3 | 24 |
| 051141-28631-0 | 24 |
| 051141-28392-0 | 24 |
| 051141-28354-8 | 24 |
| 051141-28769-0 | 24 |
| 051111-51151-0 | 24 |
| 051111-51158-9 | 24 |
| 051111-51076-6 | 24 |
| 051141-20271-6 | 24 |
| 051144-85099-0 | 24 |
| 051144-81470-1 | 24 |
| 051141-28878-9 | 24 |
| 051141-28879-6 | 24 |
| 051141-28880-2 | 24 |
| 051141-28873-4 | 24 |
| 051125-87391-8 | 24 |
| 051141-28869-7 | 24 |
| 051141-28870-3 | 24 |
| 051141-28871-0 | 24 |
| 051141-28872-7 | 24 |
| 051141-28874-1 | 24 |
| 051141-28875-8 | 24 |
| 051141-28876-5 | 24 |
| 051141-28472-9 | 25 |

| Part No. | Page |
|---|---|
| 051111-51042-1 | 25 |
| 051141-20427-7 | 25 |
| 051141-28791-1 | 25 |
| 051141-28792-8 | 25 |
| 051141-28793-5 | 25 |
| 051141-28794-2 | 25 |
| 051141-28795-9 | 25 |
| 051141-28796-6 | 25 |
| 051141-28797-3 | 25 |
| 051141-25119-6 | 31 |
| 051141-20209-9 | 31 |
| 051141-55180-7 | 31 |
| 051141-20466-6 | 31 |
| 051141-20467-3 | 31 |
| 051141-20451-2 | 31 |
| 051141-28828-4 | 31 |
| 051141-28827-7 | 31 |
| 054007-06195-3 | 31 |
| 051141-54105-1 | 32 |
| 051141-54106-8 | 32 |
| 051141-54107-5 | 32 |
| 051141-54062-7 | 32 |
| 051141-54063-4 | 32 |
| 051141-54064-1 | 32 |
| 051141-54065-8 | 32 |
| 051141-54066-5 | 32 |
| 051141-54067-2 | 32 |
| 051141-28651-8 | 32 |
| 051141-28652-5 | 32 |
| 051141-28377-7 | 33 |
| 051141-28378-4 | 33 |
| 051141-28379-1 | 33 |
| 051141-28380-7 | 33 |
| 051141-28381-4 | 33 |
| 051141-28382-1 | 33 |
| 051141-28726-3 | 33 |

| Part No. | Page |
|---|---|
| 051141-30670-4 | 33 |
| 051141-20215-0 | 34 |
| 051141-28318-0 | 34 |
| 051141-30445-8 | 34 |
| 051141-20216-7 | 34 |
| 051141-20217-4 | 34 |
| 051141-20218-1 | 34 |
| 051122-01811-4 | 34 |
| 051141-20256-3 | 34 |
| 051122-01812-1 | 34 |
| 051141-20221-1 | 34 |
| 051141-20222-8 | 34 |
| 051141-30443-4 | 34 |
| 051141-28868-1 | 34 |
| 051141-20223-5 | 34 |
| 051141-55434-1 | 34 |
| 051141-55435-8 | 34 |
| 051141-55436-5 | 34 |
| 051141-55437-2 | 34 |
| 051141-28605-1 | 34 |
| 051141-28606-8 | 34 |
| 051141-28607-5 | 34 |
| 051141-28608-2 | 34 |
| 051141-28609-9 | 34 |
| 051141-28610-5 | 34 |
| 051141-28611-2 | 34 |
| 051141-28612-9 | 34 |
| 051141-28613-6 | 34 |
| 051141-28614-3 | 34 |
| 076308-44503-4 | 34 |
| 051141-55204-0 | 34 |
| 051141-55205-7 | 34 |
| 051141-55206-4 | 34 |
| 051141-20342-3 | 34 |
| 051141-20343-0 | 34 |
| 051141-20344-7 | 34 |

# Safety Precautions

1. Read all instructions before using. All operators must be fully trained in tool usage and be aware of these safety rules.
2. The Tool Max RPM should be checked on a regular basis to ensure proper operating speed.
3. Make sure the tool is disconnected from the air supply. Select a suitable abrasive and secure it to the disc pad or spindle. Be careful to center the abrasive on the disc pad.
4. Always wear required safety equipment.
5. Always remove the air supply to the tool before fitting, adjusting or removing the abrasive or disc pad.
6. Always adopt a firm footing and grip and be aware of torque reaction developed by the tool.
7. Use only 3M approved spare parts.
8. Always ensure the material being worked is firmly fixed to avoid movement.
9. Check hose and fittings regularly for wear. Do not carry the tool by its hose; always be careful to prevent the tool from being started when carrying the tool with the air supply connected.
10. Dust can be highly combustible.
11. If tool is serviced or rebuilt, check to ensure that the maximum tool RPM is not exceeded and that there is no excessive tool vibration.
12. Do not exceed maximum recommended air pressure. Use safety equipment as recommended.
13. Prior to installing any shaft mounted abrasive or sanding or grinding accessory, always check that its marked maximum operating speed is equal or higher than the rated speed of this tool.
14. The tool is not electrically insulated. Do not use where there is a possibility of contact with live electricity, gas pipes, and/or water pipes.
15. The tool is not protected against hazards inherent in cutting operations, and no such cutting products should ever be attached.
16. Take care to avoid entanglement with the moving parts of the tool with clothing, ties, hair, cleaning rags or loose hanging objects. If entangled, stop air supply immediately to avoid contact with moving tool parts.
17. Keep hands clear of the spinning pad or spindle during use.
18. If the tool appears to malfunction, remove from use immediately and arrange for service and repair.
19. Do not allow the tool to free spin without taking precautions to protect any persons or objects from the loss of the abrasive or pad rupture.
20. Immediately release the start handle in the event of any disruption of pressure; do not attempt to re-start until the disruption has been corrected.
21. When tool is not in use, store in a clean, dry environment free of debris.
22. Recycle or dispose of tool according to Local, State and Federal regulations.
23. Operators and maintenance personnel should be able to handle the bulk, weight and power of the tool.
24. For overhead work, wear a safety helmet.
25. Be aware that the tool will continue to run for a short period of time after the release of the start handle.
26. Operators should adopt a comfortable posture whilst maintaining a secure footing and avoiding awkward or off-balance postures. Operators should change posture during extended tasks; this can help avoid discomfort and fatigue.
27. Slips, trips and falls are major causes of workplace injury. Be aware of slippery surfaces caused by the tool or surrounding work area and also of the trip hazards associated with air lines.
28. Proceed with care in unfamiliar surroundings. There can be hidden hazards such as electricity lines or gas pipes.
29. Whipping hoses can cause severe injury.
30. Whenever universal twist couplings (claw couplings) are used, lock pins shall be installed and whip check safety cables shall be used to safe guard against a possible hose-to-tool connection failure.

# Optimize Results With 3M™ Power Tools

**Product Selection and Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

**Warranty, Limited Remedy, and Disclaimer:** Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

**For warranty and repair service, call 1-800-362-3550 (choose option 3, then option 5)**

### 3M™ Power Tool Warranty

**Warranty and Limited Remedy:** 3M warrants this tool against defects in workmanship and materials under normal operating conditions for one (1) year from the date of purchase. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property. User must operate the tool in accordance with all applicable operating instructions, safety precautions, and other procedures stated in the operating manual to be entitled to warranty coverage. 3M shall have no obligation to repair or replace any tool or part that fails due to normal wear, inadequate or improper maintenance, inadequate cleaning, non-lubrication, improper operating environment, improper utilities, operator error or misuse, alteration or modification, mishandling, lack of reasonable care, or due to any accidental cause. If a tool or any part thereof is defective within this warranty period, your exclusive remedy and 3M's sole obligation will be, at 3M's option, to repair or replace the tool or refund the purchase price.

**Limitation of Liability:** Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

**Submitting a Warranty Claim:** Contact your dealer when submitting a warranty claim in accordance with the restrictions listed above. Please note that all warranty claims are subject to manufacturer's approval. Be sure to keep your sales receipt in a safe place. This must be submitted when filing a warranty claim, within 1 year from the date of purchase. For additional assistance call 1-800-362-3550 (choose option 3, then option 5).

# The full line of 3M™ Accessories is available in the Accessories for Abrasive Products catalog.

3M

***3M™ Power Tools. Abrasives Tools from the Abrasives Experts.***

**3M Abrasive Systems Division**
**3M Center**
**Building 223-6S-03**
**St. Paul, MN 55144-1000**

**3M.com/PowerTools**

3M, Finesse-it, Green Corps, Hookit, PPS, Roloc, Scotch-Brite, Stikit, SUN GUN and Trizact are trademarks of 3M. Scotch is a registered trademark of 3M. Used under license in Canada.

Please recycle. Printed in U.S.A. © 3M 2018. All rights reserved. 61-5002-8217-5 REV 7/2018