



Continued Leadership in Portable
Abrasive Power Tool Technology

Industrial Power Tools, Accessories and Abrasives

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ABRASIVE BELT TOOLS



ABRASIVE
FINISHING TOOLS



RANDOM ORBITAL
SANDERS



GEAR-DRIVEN TOOLS



WET TOOLS



BUFFER/POLISHERS



DIE GRINDERS AND
DISC SANDERS



ABRASIVES



ACCESSORIES



DRILLS AND SPECIALTY TOOLS



GRINDERS

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General Product Information

Experience, Leadership and Support

MISSION STATEMENT

To exceed the expectations of our customers through the innovative design of the highest quality abrasive power tools and related accessories.

PRODUCT LINE

Founded in 1969, Dynabrade has earned a reputation and position of continued leadership in the innovative design and manufacturing of unique portable abrasive power tools. Dynabrade tools grind, deburr, file, sand and polish to meet the needs of many industries for work with metals, wood, plastics, glass, rubber, stone, fiberglass, composites and much more.

CONTINUOUS QUALITY CONTROL

Every Dynabrade product undergoes rigorous performance tests at precise stages from design conception through product assembly and packaging to insure they meet our own high standards and the demands of our customers. Our goal is to maintain or improve Dynabrade quality with product and service performance levels that equal or exceed that of any competitor and to meet customer's expectations worldwide.

CONTINUED LEADERSHIP IN RESEARCH AND DEVELOPMENT

Many industrial applications have unique requirements that cannot be met with our general line of air tools. Our research and development teams are continually upgrading our product offering based on market needs and new technology, coupled with the latest innovations and technological advancements in the abrasive industry. We make ongoing investments in plant, equipment and manufacturing processes to improve the quality of our products. Our goals are to solve abrasive user problems, increase productivity and lower total costs. Our constantly growing product line, together with many years of design engineering, research and development experience, proves our ability and commitment to provide continued leadership in the portable abrasive power tool industry.

FULL ONE YEAR WARRANTY

Following the reasonable assumption that any inherent defect, which might prevail in a product, will become apparent to the user within one year from the date of purchase, all equipment of our manufacture is warranted against defects in workmanship and materials under normal use and service. We shall repair or replace at our factory, any equipment or part thereof that shall, within one year after delivery to the original purchaser, indicate upon our examination to have been defective. Our obligation is contingent upon proper use of Dynabrade tools in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment, which has been subject to misuse, negligence, accident or tampering in any way so as to affect its normal performance. Normally wearable parts such as bearings, contact wheels, rotor blades, etc., are not covered under this warranty.

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REPAIRS

To maximize the long-term value of your Dynabrade products, have them repaired by our factory experts. We have a fully trained staff to meet all your service needs. By relying on Dynabrade for service, you can be confident that your tool will continue to operate at peak levels of performance. For those who have their own in-house repair facilities, ask your local Dynabrade Distributor about our tune-up kits available for selected models or place your order for specific parts as needed directly with your Dynabrade distributor.

Flat Rate Repair

Flat rate repair offers a reliable way to keep your tools at peak performance at a known cost. It includes labor and all necessary parts needed to restore the tool to approved factory performance levels. Dynabrade will only repair standard items that were returned with the tool (i.e. if accessories such as contact arms, pads, etc. are missing from the tool or damaged, they will not be replaced). We may determine, based on our examination, that a product is beyond economical repair.

Motor Tune-Up Kits

The regular maintenance of any air tool will contribute to greater efficiency of the tool and will prolong tool life. Motor Tune-Up Kits contain replacement parts which are most susceptible to wear. Each Dynabrade tool is complimented by a specific Motor Tune-Up Kit which you will find referenced throughout the catalog. See the Accessories section for a complete listing.

Drop-In Motors

Drop-in Motors provide a convenient, dependable way to repair your tools in-house. The kits include special tools for proper disassembly/assembly.

Industrial Air Tool Maintenance

Dynabrade has designed a booklet (reorder number D03.10) to promote and assist with proper air tool maintenance. Within this booklet is the following:

- Preventative maintenance tips.
- Compressed air system diagrams and recommendations.
- Proper air flow; hose and fittings.
- Air supply/tool lubrication and accessories (air motor oil, gear lubricant, filter-regulator-lubricator).
- Special repair tools/general repair tools.
- Parts/motor tune-up kits/drop-in motors.
- Repair training program: videos/CDs.

For full information regarding repairs and maintenance options contact your Dynabrade distributor.

Dynabrade Distribution

**Service and Support for Customers
Around the World**

NETWORK OF AUTHORIZED DYNABRADE DISTRIBUTORS

We have been supplying high quality tools to customers through a worldwide network of professional distributors who are capable of meeting the specific needs of the industrial marketplace. Our distributors have extensive knowledge of Dynabrade's complete line of power tools and related accessories. Their goal is to improve customer's competitiveness by minimizing costs through a continuous improvement process.

FREE DEMONSTRATION POLICY

We can arrange a no-obligation demonstration in your facility on most of our products. It is a sure way to see that the product is best suited to your application and to see the time, labor and cost-saving advantages of Dynabrade products. Contact your local Dynabrade distributor to arrange an in-plant demonstration. To contact your local Dynabrade distributor, call our customer service department, or visit our distributor locator on our web site: www.dynabrade.com.

CUSTOMER SERVICE

Dynabrade's customer service staff has just one very important job — to make sure that you are completely satisfied with your order and service. Our Customer Service Department is staffed with highly trained people, ready to serve you in any way they can, from order taking to technical service to rush shipments! In short, our commitment to customer service is to satisfy our customers by serving them well. If we can help or improve in any way, we'd like to hear from you.

**For More Information, Prices or an In-Plant Demonstration
Contact Your Local Dynabrade Distributor or Call/Fax our
Consumer Information Numbers:**

DYNABRADE, INC.

8989 Sheridan Drive • Clarence, New York 14031-1490
Phone: (716) 631-0100 • Fax: 716-631-2073
US Consumers Call Toll Free: 1-800-828-7333

DYNABRADE INTERNATIONAL

8989 Sheridan Drive • Clarence, New York 14031-1490
Phone: (716) 631-0100 • Fax: 716-631-2524
Canadian Consumers Call Toll Free: 1-800-344-1488

DYNABRADE EUROPE S.à r.l.

Zone Artisanale • L-5485 Wormeldange—Haut, Luxembourg
Telephone: 352 76 84 94 1 • Fax: 352 76 84 95 1

DYNABRADE DO BRASIL

Rua Mário Fongaro • 421 – Vila Marlene
São Bernardo do Campo – SP – CEP 09732-530
Telefax: (11) 4124-6040

**Or Post your Inquiry on Dynabrade's Website at:
www.dynabrade.com**

Safety Comes First

**Maximizing Value Through Proper Use
and Care**

SAFE OPERATION

Understanding the proper use and safe procedures involved with using power tools is our primary concern. Accidental injury or death can be prevented and/or reduced by reading and understanding the following:

- Safety Code for Portable Air Tools (B186.1), American National Safety Institute (ANSI).
- Safety Requirements for Use, Care and Protection of Abrasive Wheels (B7.1), American National Safety Institute (ANSI).
- Hand Held Non-Electric Power Tools (EN 792), European Committee for Standards (EN).
- General Industry Safety & Health Regulations (CFR 29 Part 1910), Occupational Safety and Health Administration (OSHA).
- Applicable State and Local Regulations (regulations may vary).

Users are responsible for following all established safety codes and regulations.

SAFETY LEGEND

**Carefully Read All Instructions Before Operating or
Servicing Any Dynabrade Abrasive Power Tools**

Always operate, inspect and maintain tools in accordance with all safety codes and regulations for the protection of operating personnel as well as adjacent areas. All products offered by Dynabrade are not to be modified, converted or otherwise altered from the original design without the expressed written consent from Dynabrade, Inc. Use only genuine Dynabrade® replacement parts and accessories made especially for the tool in use. The use of any other manufacturers' replacement parts and accessories could create a hazard.

! WARNING



Read and understand tool manual to reduce risk of injury to operator, visitors, and tool.



Eye protection must be worn at all times, eye protection to conform to ANSI Z87.1.



Respiratory protection to be used when exposed to contaminants that exceed the applicable threshold limit values required by law.



Practice safety requirements. Work alert, have proper attire, and do not operate tools under the influence of alcohol or drugs.



Ear protection to be worn when exposure to sound, exceeds the limits of applicable Federal, State or local statutes, ordinances and/or regulations.



Air line hazard, pressurized supply lines and flexible hoses can cause serious injury. Do not use damaged, frayed or deteriorated air hoses and fittings.

Safety Comes First

Maximizing Value Through Proper Use and Care

GENERAL SAFETY INFORMATION

- Do not use Dynabrade® Abrasive Power Tools for anything other than its intended application.
- For best performance, use a recommended air line filter-regulator-lubricator to always maintain 90 PSIG (6.2 Bar), unless otherwise stated. Pressure should be checked at the tool inlet while the tool is running.
- Do not expose air tool to inlet pressure above 90 PSIG (6.2 Bar).
- Always use recommended air hose, fittings and couplers and inspect them for wear and damage and replace when necessary.
- On regular basis check free speed of power tool with tachometer to ensure proper functionality of tools.
- A tool with an unusual sound and /or vibration must not be operated and must be inspected and repaired. Hand/wrist/arm injury may result from repetitive motion or prolonged exposure to vibration.
- A preventative maintenance schedule is recommended to insure the proper functionality of power tools.
- Never lubricate or clean tools with flammable or volatile liquids.
- Dynabrade® Power tool labels must be kept legible at all times, if not, reorder label(s) and replace.
- To prevent injury, always use eye, face, respiration, hearing and body protection at all times while operating or in areas where abrasive power tools are being operated.
- Be sure that any loose clothing, hair and all jewelry is properly restrained.
- Keep hand and clothing away from working end of the power tool.
- Always work with firm footing, posture and proper lighting.
- Do not apply excessive force on a tool or apply "rough" treatment to the tool.
- Operate power tools with attention to the consistency of the work environment and the tool itself.
- Follow safety procedures posted in work area.
- Make sure that the work area is uncluttered, and visitors are at a safe range from the tools and debris.
- Use a vise or clamping device to hold work piece firmly in place.
- Electric Machines – Make sure proper electrical codes are followed, including safe wiring and proper grounding.

ACCESSORIES

- Tool RPM must never exceed accessory RPM rating. Check accessory manufacturer for details on maximum operating speed or special mounting instructions.
- Always disconnect power before changing accessories or making machine adjustments and repairs.
- The aluminum Dynaswivel® air line connector or similar accessories must never be used on percussion tools such as chippers and rammers.
- Do not use damaged, bent or severely worn accessories.

SAFE OPERATING PRACTICES FOR GRINDERS AND SANDERS

- Every person involved in operating, repairing and/or supervising grinding machines or wheels should be familiar with the contents of ANSI B7.1.

- Never mount non-reinforced grinding wheels on any Dynabrade tool.
- If the speed is higher than the RPM marked on the tool, the tool must be serviced to correct the cause of the over speed condition before use.
- Always use required wheel guards. Never remove a wheel guard that has been specified for the machine. Damaged, bent and severely worn guards must be replaced.
- Improper mounting of grinding wheels is one major cause of grinding wheel failure. Each type of grinding wheel requires a different mounting method, spindle diameter and flange dimension.
- In every case, the Safety Code (ANSI B7.1) should be consulted for proper handling, storage, inspection and mounting information.
- All grinding wheels and mounting accessories should be closely inspected before installation and use.
- Protect accessories from exposure to water, solvents, high humidity, freezing temperatures and extreme temperature changes. Store accessories in protective racks or compartments to prevent damage.
- When using a grinding wheel, or one that has been out of service for an extended period of time, the operator should start the machine under a steel workbench with proper wheel guard in place. It should be run for at least one minute. If the wheel is defective or improperly mounted, this is the time it will usually fail.
- Proper machine maintenance procedures are one of the most important aspects of safety in the use of abrasive wheels. Particular attention should be placed on those components or parts which can effect the speed (RPM) of a tool, such as governors on air grinders.

MACHINE SPECIFICATIONS

Machine specifications are believed to be accurate at time of printing. However, due to design changes, exact specifications of current tools may vary from the listed data.

It is our policy to test and measure our tools in a ready-to-use condition and to state the test results in industry-accepted terms. Dynabrade measures typical production tools using the recommended air hose size, 90 PSIG air line pressure measured at tool inlet, and all muffling and speed control mechanisms. Compromises to these real-use operating conditions can artificially enhance performance measurements.

For tool specifications listed in this catalog:

- **HOSE SIZE** denotes the recommended air hose size to be used with the tool for maximum efficiency and safety.
- **WEIGHT** includes all the parts required to run the tool except the airline, abrasive, or attachment.
- **RPM** is measured under no-load conditions.
- **HORSEPOWER** is an averaged maximum rating of production tools under ready-to-use conditions.
- Maximum air flow is measured in **STANDARD CUB FEET PER MINUTE (SCFM)** and is an averaged maximum rating, recorded at free speed on non-governed tools or at maximum horsepower on governed tools. Dynabrade adheres to this standard of measurement.

It is usually sufficient to directly compare the SCFM of the tool with the compressor's inlet CFM rating to determine how many tools a particular compressor will run. Depending upon the duty cycle of the tools, a compressor with a storage tank may allow it to run tools with a larger consumption than its output.

- **SOUND LEVEL** is the sound pressure measurement according to the method outlined in ISO regulation ISO-15144.

Healthy Industrial Work Environment

The Term "Ergonomics" can Simply be Defined as the Study of Work

ERGONOMICS

Ergonomics helps adapt the job to the person, rather than forcing the person to fit the job. Adapting the job to fit the worker can help reduce ergonomic stress and eliminate many potential ergonomic disorders. The objective of ergonomics is to adapt the job and workplace to the worker by designing tasks, work stations, tools and equipment that are within the worker's physical capabilities and limitations. Major causes of many current ergonomic problems are technological advances such as more specialized tasks, higher assembly line speeds, and increased repetition, plus a lack of ergonomically designed technologies. Consequently,

worker's hands, wrists, arms, shoulders, backs and legs may be subjected to thousands of repetitive twisting, forceful or flexing motions during a typical workday. In many instances, some machine tools and work environment are often poorly designed, placing undue stress on the worker's tendons, muscles and nerves. Recognizing ergonomic hazards in the workplace is the essential first step in correcting the hazards and improving worker protection. The proper Dynabrade tool and work environment can help reduce the contributing factors associated with cumulative trauma disorders.

DYNABRADE TOOLS MEET THE FOLLOWING HIGH QUALITY STANDARDS

Ergonomics and operator comfort have worked their way into each Dynabrade air tool design. Factors including, vacuum, vibration, insulation and noise (VVIN) are addressed at every integral design stage. VVIN is now critical to our research and development of new products as we continue to meet the challenging needs of the market place.

Vacuum

Airborne sanding particles can cause severe inflammation of the eyes and lung tissue, varying on the degree of exposure and the type of airborne contaminants involved. It is because of this danger that Dynabrade manufactures self-generated and central vacuum tools that direct airborne sanding particles away from the operator and the air motor, reducing contamination and the cause of risk to the operator.



Properly Designed Tool

An example of how a properly designed tool assists in reducing work injuries is Dynabrade's 7° Offset, Gearless Front Exhaust Die Grinder

- Lightweight composite housing with anti-slip ring reduces vibration and is thermal-insulated to prevent cold air transmission to operator's hand.
- Air tight valve eliminates air run.
- Handle is offset 7° for greater operator comfort and control.
- Gearless design reduces vibration.
- Smaller collet design reduces excessive run-out and reduces vibration.
- Low profile for greater operator control to work in hard to reach areas.



Vibration

All hand-held machines transmit vibration to an operator's hand while in operation. Operators that work with vibrating machines for extended periods of time risk many different types of injury. The main types of injuries that are likely to occur are vascular injury, nerve injury, skeletal injury and joint injury. To help reduce vibration, we have built in features including composite housings, rubber overmolds, superiorly balanced motors, shafts and pads.

Unique Vacuum Design

Anti-clog design enhances vacuum pick-up and directs dust away from the air motor. Ask about our self-contained dust collection systems and vacuum shrouds.

Less Vibration

Composite base and integrated rubber over-mold create a non-slip feel and insulate from cold air.



Insulation

Cold caused by pneumatic powered tools can cause a variety of work related injuries. Dynabrade manufactures a variety of tools with thermal-insulated housings to prevent cold air transmission to the operator, reducing the risk of whitefinger disease and other injury related symptoms.



Insulated Handle

Insulates from cold air...now standard on most tool models.

Low Sound Levels

Rear exhaust muffler standard on many models.



Noise

High sound levels over an extended period of time can damage hearing. New enhancements to muffling systems, exhaust overhose protection and other tool design factors further reduce tool sound levels in the workplace.

Optional Overhose Assembly

May be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece.



Recommended Air System

Pneumatic Power Tools Have Several Advantages over Electric Power Tools

One of the major advantages is durability

However, to make full use of that advantage some important steps must be followed.

A sufficient supply of compressed air is necessary

The air system must be able to deliver an adequate volume of air and maintain the rated operating pressure at the inlet of the tool.

The supply of air must be free of contamination

The types of contamination that need to be eliminated are water (condensation produced by the temperature change while compressing the air), rust scale (rust particles produced inside iron pipes), and atmospheric dust, (dust that is pulled into the compressor from the work environment).

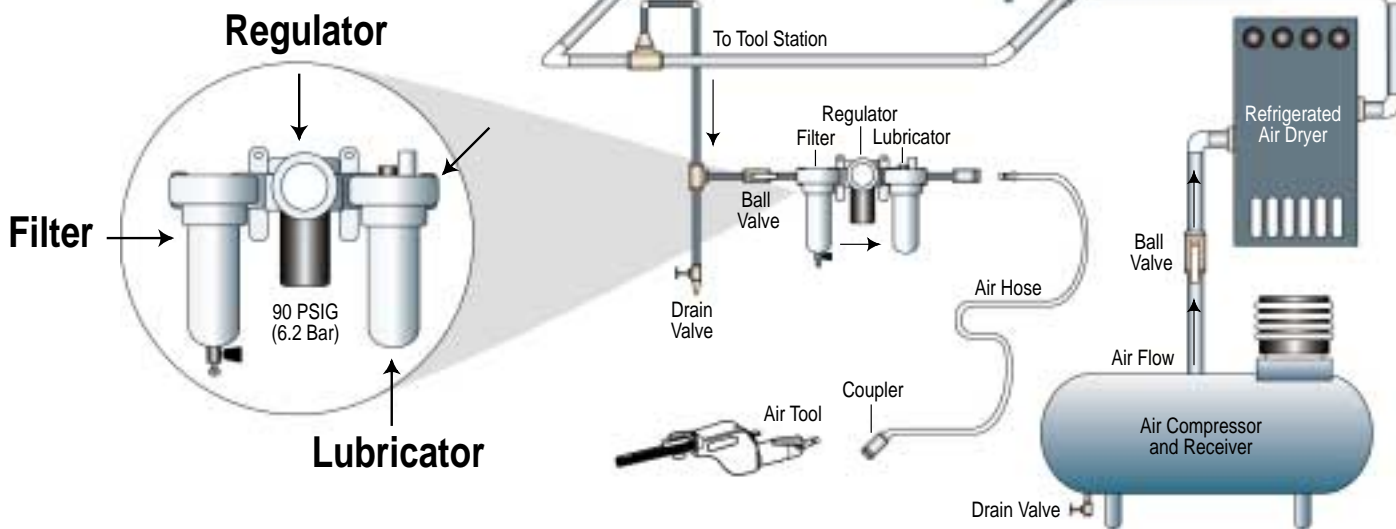
Lubrication (oil) through the air supply is important

for rotary vane style air motors. Supplying oil reduces friction and wear of the moving parts while providing a protective coating for steel components.

Filter-Regulator-Lubricator is Recommended

As an air tool manufacturer, Dynabrade recommends the use of a Filter-Regulator-Lubricator at each tool station. We also encourage the use of correctly sized accessories that will deliver a sufficient supply of air. Some examples of Dynabrade air tool accessories are Dynaswivel® airline connectors, quick disconnect fittings, and in-line blow guns. All of these accessories make for suitable additions to any compressed air system.

LUBRICATOR SETTING
1 DROP PER MINUTE
20 SCFM (283 LPM)



INTERNATIONAL MEASUREMENT CONVERSION CHART

All specifications in this catalog are presented in U.S. units of measurement. Use this chart to convert measurements to international units of measure.

U.S. Unit of Measure	Conversion Formula	International Unit of Measure
Inch	x 25.4	Millimeter (mm)
Pound	x .454	Kilogram (kg)
PSI	÷ 14.5	Bar
SFPM	x .3048	SMPM
SCFM	x 28.32	LPM
HP	x 745.7	W

VISIT THE DYNABRADE WEBSITE

- Most up-to-date product catalog and tool specifications
- Dynabrade territory manager contact information
- Location of nearest distributors
- PDF of current and past parts pages
- Dynabrade trade show schedule
- Customer service

www.dynabrade.com



Continued Leadership in Portable Abrasive
Power Tool Technology

Abrasive Belt Tools

www.dynabrade.com



Dynafile®	B-1	Dynangle®	B-7
Dynafile® II	B-2	Dynangle® II	B-8
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Dynafile® III	B-5	Contact Arms	B-11
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Dynabelter® Accu-Grinder®	B-7	Platen Pads	B-16



"The Original" Dynafile®

Air Powered Abrasive Belt Tool

The Best Tracking Abrasive Belt Tool in the World!

- Grind, deburr, blend and polish.
- Work on metal, plastic, fiberglass, composites, rubber, glass and stone.
- Work in areas as small as 3/8" diameter.

FOR 24" LONG BELTS

Model 14000

- Motor adjusts easily for the most comfortable throttle lever position.
- Superior belt tracking and patented design permits use of 1/8", 1/4" or 1/2" wide x 24" long abrasive belts; fast abrasive belt change!
- Includes 11218 Contact Arm.
- Hard and soft PSA platen pads mount on contact arms for heavy grinding or contour polishing (see page B-16).

VERSATILITY KIT

Model 14010

- 14000 Dynafile® with five contact arms and abrasive belts in a durable case.
- These contact arms included in kit: 11213, 11216, 11218, 11219 and 11231.
- This kit has a designated U.S. Government National Stock Number: 5130011263260.



The most recognized shape in portable abrasive belt tools



NOTES:



ABRASIVE CAPACITY

- 1/8", 1/4", 1/2" wide x 24" long belts; longer belt lengths available.

ACCESSORIES

- For broad range of applications see optional contact arms (page B-11) and optional platen pads (page B-16).
- Dynaswivel® (P/N 94300) air line connector improves tool maneuverability, minimizes operator fatigue and extends hose life.



TUNE-UP KIT

- Part Number 95600.

TECH TIP

- The arrows located on the belt cover indicate belt direction. Grinding on the return side of the belt will greatly enhance tool performance and increase belt life.



Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
14000	.5 (373)	20,000	77 dB(A)	1/8-1/2 (3-13) W x 24 (610) L	4/31 (878)	3/8 (10)	1/4" NPT	3.1 (1.4)	14.6 (371)	4.6 (116)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Max. SFPM 5,800 (1,762 SMPM)
 Recommended Air Line Accessory: For Best Performance use 95676 Coupler/Plug Assembly

Dynaflex® II

Air Powered Abrasive Belt Tool

Reach normally inaccessible areas



Model 40320 ▼



Model 40321



Model 40320

NOTES:

ABRASIVE CAPACITY

- 1/8", 1/4" to 3/4" wide x 18", 20-1/2" and 24" lengths.

ACCESSORIES

- For broad range of applications see optional contact arms (page B-12) and optional platen pads (page B-16).

TUNE-UP KIT

- Model 40381: Tune-Up Kit 96174; all other models this page: Tune-Up Kit 96044.

TECH TIP

- Air motor easily converts to 1/4" die grinder (50010 Collet), 6 mm die grinder (50015 Collet) or 1/4" drill (53032 Chuck).

Order collet and chuck separately.



- Grind, deburr, blend and polish. Work on metal, plastic, fiberglass, composites, rubber, glass and stone.
- Lightweight, ergonomic 7° offset design. Grinding head pivots 360°.
- Grind off contact wheel or platen pad. Finish & polish using slack of belt.
- Secure belt housing at desired position using 95134 Hex Key.

FOR 18" LONG BELTS

Model 40320

- Includes 11206 Contact Arm for 3/4" wide x 18" long abrasive belts.

Model 40335

- Designed exclusively for use with non-woven nylon belts. Excellent for setting grain lines; quick consistent satin finishes on a variety of metals; remove oxide and weld discoloration.
- Has 40375 Rubber Drive Wheel which minimizes non-woven nylon belt slippage (not recommended for use with coated abrasive belts).
- Includes 11203 Contact Arm for 1/2" wide x 18" long medium non-woven nylon belt (90292).

Model 40381

Slow Speed

- 1,500 SFPM. Slow speed is ideal for longer belt life when working with titanium and other exotic metals. Can be used on many other materials.
- Tool includes 11206 Contact Arm. Other optional contact arms available.

FOR 20-1/2" LONG BELTS

Model 40326

- Includes 11287 Contact Arm for 5/8" or 3/4" wide abrasive belts. 11287 is only arm compatible with 20-1/2" long belts.

VERSATILITY KITS

- Includes Model 40320 Dynaflex® II with 11203 and 11206 Contact Arms (see pages B-12 and B-13); eight abrasive belts and durable carrying case.

Model 40321

- Also includes: 11204 Contact Arm (see page B-12) and 50010 (1/4") Collet for die grinder use.

Model 40324

Metric

- Also includes: 11320 Contact Arm (see page B-13) and 50015 (6 mm) Collet for die grinder use.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
40320	.5 (373)	20,000	80 dB(A)	1/4-3/4 (6-19) W x 18-24 (457-610) L	4/28 (793)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)
40326	.5 (373)	20,000	80 dB(A)	1/4-3/4 (6-19) W x 18-24 (457-610) L	4/28 (793)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)
40335	.5 (373)	20,000	80 dB(A)	1/4-3/4 (6-19) W x 18-24 (457-610) L	4/28 (793)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	4-7/8 (124)
40381	.4 (321)	5,000	82 dB(A)	1/4-3/4 (6-19) W x 18-24 (457-610) L	3/24 (680)	1,150 (345)	2.8 (1.2)	15-1/2 (394)	5-3/4 (146)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Recommended Air Line Accessory: For Best Performance use 95676 Coupler/Plug Assembly

Vacuum Dynafile® II

Air Powered Abrasive Belt Tool

Vacuum while you work!

Model 40330

- Excellent for use on wood, plastic, fiberglass and exotic metals.
- Highly portable vacuum system works on tool's exhaust.
- Self-contained "bag-within-bag" dust collection system.
- Includes 11206 Contact Arm for 3/4" wide x 18" long abrasive belts.
- Air line is included and joined to exhaust hose to form "one cord" for superb maneuverability.

ABRASIVE CAPACITY

- 1/8", 1/4" to 3/4" wide x 18" long belts.

TUNE-UP KIT

- Part Number 96044.



NOTES:

Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
40330	.5 (373)	20,000	93 dB(A)	1/4-3/4 (6-19) W x 18-24 (457-610) L	4/28 (793)	4,550 (1,382)	2.5 (1.1)	14-1/4 (362)	5 (127)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Electric Dynafile® II

120-Volt Electric Powered Abrasive Belt Tool

Grind • Deburr • Blend • Surface Condition

Model 40500

- Grind off contact wheel or platen pad. Finish & polish using slack of belt.
- Side handle included for two-hand operation, if desired; right or left hand operation.
- Double-insulated; has 8' long electric cord.
- 11203 Contact Arm for 1/2" wide x 18" long abrasive belts.

Model 40500 ▼



VERSATILITY KIT

Model 40501

- Includes: 40500 Electric Dynafile® II with 11203 Contact Arm; two additional contact arms (11202 and 11204); abrasive belts; durable carrying case; assortment of platen pads mount to contact arm to provide abrasive belt support.



NOTES:

ABRASIVE CAPACITY

- 1/8", 1/4" to 3/4" wide x 18" long belts.

TECH TIP

- To keep motor in tip-top shape order Part Number 42735 Brush Set Assembly.

Model Number	Motor RPM	Abrasive Belt Size Inch (mm)	Voltage	Current	Phase	Frequency	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
40500	12,000	1/4-3/4 (6-19) W x 18-24 (457-610) L	120 V (AC)	5	1	60 Hz	2,760 (841)	4.8 (2.2)	18 (457)	5.1 (129)

Dynabelter®

Air Powered Abrasive Belt Tool

Ideal for weld grinding, blending and finishing on metal

Model 11475 ▼



Model 11477 ▼



Model 11476



- Grind cylinders, deburr castings, and fabricate metals.
- Clean welds, piping and stainless fabrication.
- Polish tubing, deburr structural steel, finish dimension on lathe work, blend inside corners, etc.
- Safety-lock lever throttle.
- Optional 80022 Bench Mount available.

STANDARD DUTY – .7 HP

Model 11475

- Uses 1" wide x 30" long abrasive belts.
- Adjustable speed; removable side handle.
- Includes 11681 Contact Arm Assembly.

HEAVY-DUTY – 1.2 HP

Model 11476

- Uses 1" wide x 30" long abrasive belts.
- Top control handle.
- Includes 11681 Contact Arm Assembly.

EXTRA HEAVY-DUTY – 2.0 HP

Model 11477

- Uses 2" wide x 30" long abrasive belts.
- Pressure bar with handle.
- Includes 11870 Contact Arm Assembly.
- A 11871 Contact Arm with 4" dia. contact wheel is available for 2" wide x 60" long belts providing a 20" workable reach (see page B-15). Optional 11891 Platen is available for the 11871 Arm.

NOTES:

ABRASIVE CAPACITY

- 1" wide x 30" long belts;
- 2" wide x 30" long belts.

ACCESSORIES

- For broad range of applications see optional contact arms (page B-15), optional platen pads (page B-16) and Dynabelter® accessories (B-16).

TUNE-UP KIT

- Model 11475 - Tune-Up Kit 96045;
- Model 11476 - Tune-Up Kit 96011;
- Model 11477 - Tune-Up Kit 96259.

TECH TIP

- Ideal for grinding circumferential welds.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Air Inlet Thread	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
11475	0.7 (522)	18,000	92 dB(A)	1/4-1 (6-25) W x 30 (762) L	1/4" NPT	4/32 (906)	5,890 (1,789)	7.5 (3.4)	21 (533)	7-1/4 (184)
11476	1.2 (895)	13,000	89 dB(A)	1/4-1 (6-25) W x 30 (762) L	3/8" NPT	8/58 (1,643)	4,220 (1,282)	8.0 (3.6)	21 (533)	7-1/4 (184)
11477	2.0 (1,492)	7,200	82 dB(A)	1-2 (25-51) W x 30 (762) L	1/2" NPT	10/70 (1,982)	4,710 (1,431)	14.0 (6.4)	21-1/2 (546)	7-3/4 (197)

Additional Specifications: Hose I.D. Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynabelter® Accu-Grinder®

Air Powered Abrasive Belt Tool with Adjust-A-Wheel

Grinds welds flat... without undercutting

HEAVY-DUTY

Model 11486

- Efficiently removes excess weld material and leaves a narrow "in-line" scratch pattern; takes the guesswork out of weld grinding, prevents undercutting.
- Adjustable guide tires control the depth of abrasive belt cut. Simple twist-knobs adjust depth of cut; pull back over weld. Controlled grinding on flats, contours and inside/outside of pipes and tanks.
- Includes 11717 Adjust-A-Wheel Contact Arm with 2" dia. x 1" wide 90-durometer standard serrated contact wheel.



Model 11486 ▲

Work on Longitudinal Welds:

- I.D. — 12" dia. pipe or larger.
- O.D. — 8" dia. pipe or larger.

Work on Circumferential Welds:

- I.D. — 22" dia. pipe or larger.
- O.D. — 12" dia. pipe or larger.



Model 11486

ABRASIVE CAPACITY

- 1" wide x 30" long belts.

TUNE-UP KIT

- Part Number 96011.

TECH TIP

- Grinds weld seam; leaves in-line scratch pattern.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
11486	1.2 (895)	13,000	89 dB(A)	1 (25) W x 30 (762) L	8/58 (1,643)	4,220 (1,282)	3/8" NPT	9.0 (4.1)	22 (559)	7 (178)

Additional Specifications: Hose I.D. Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynangle®

Air Powered Abrasive Belt Tool

Model 14200

- Powerful direct-drive air motor with adjustable speed.
- Compact build for work in tight spots; handle is multi-positional.
- Quick and easy abrasive belt change; uses coated abrasive and abrasive impregnated non-woven nylon belts to leave in-line scratch patterns.
- Interchangeable contact arms to match specific applications on stainless steel (page B-15). Also ideal for refinishing drilling screws and pump screws.
- Includes 14266 Contact Arm and 11605 Hard/Cork Dynapad® Platen Pad.



Model 14200 ▼

NOTES:

ABRASIVE CAPACITY

- 1" wide x 18" long belts.

TUNE-UP KIT

- Part Number 96045.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
14200	.7 (522)	20,000	92 dB(A)	1 (25) W x 18 (457) L	5/36 (1,020)	6,540 (1,987)	4.8 (2.2)	11 (279)	5 (127)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynangle® II

Air Powered Abrasive Belt Tool

Polish, grind contours and flats...models with or without platen



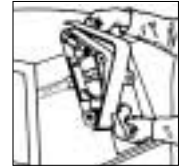
Model 14300 ▲



Model 14303 ▲



- Surface conditions stainless steel and most other metals. Also may be used on wood, plastic, fiberglass and composites. Blends and finishes solder seams.
- Built-in abrasive belt guard; fast belt change.
- Safety-lock lever-throttle; hanger brackets for optional overhead suspension.



SINGLE MOTOR – 1.2 HP

Model 14300

- Uses 2" x 34" belts; belts spans 11-1/2" for "strap polishing" up to 36" diameter pipe.
- 14350 Conversion Kit available to upgrade single motor model to a dual motor model at a later date, if desired.

NOTE: For grinding with a platen pad, dual motor models are recommended.

"DUAL MOTOR" WITH PLATEN – 1.2 HP x 2

Model 14303

- Uses 2" x 34" belts; belts spans 11-1/2" for "strap polishing" up to 36" diameter pipe.
- Includes 2" wide x 6" long platen which is easily removed for strap polishing.

HEAVY-DUTY "DUAL MOTOR" – 1.2 HP x 2

Model 14306

- Heavy-duty "dual motor" for extra power.
- Uses 2" x 45" belts; belts spans 17" for polishing pipe up to 48" diameter.
- Includes 2" wide x 6" long platen which is easily removed for strap polishing.

NOTES:

ABRASIVE CAPACITY

- 2" wide x 34" long belts;
- 2" wide x 45" long belts.

TUNE-UP KIT

- Part Number 96011.

ACCESSORIES

- The heavy duty Dynaswivel® (part number 95462) improves tool maneuverability, minimizes operator fatigue and extends hose life.



Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
14300	1.2 (895)	13,000	85 dB(A)	2 (51) W x 34 (864) L	7/53 (1,501)	8,500 (2,591)	15.1 (16.9)	18-7/8 (479)	8-1/2 (216)
14303	2.4 (1,790)	13,000	85 dB(A)	2 (51) W x 34 (864) L	15/106 (3,002)	8,500 (2,591)	18.7 (8.2)	18-7/8 (479)	9-9/16 (243)
14306	2.4 (1,790)	13,000	90 dB(A)	2 (51)W x 45 (1,143) L	15/106 (3,002)	8,500 (2,591)	19.2 (8.7)	22-7/8 (581)	9-1/2 (241)

Additional Specifications: Air Inlet Thread 1/2" NPT • Hose Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

Electric Tool Post Grinder

Electric Abrasive Belt Tool

For grinding to superfinishing... mount to your standard lathe!

2" WIDE x 48" LONG BELTS

- Air-powered belt tensioning. Easily accessible belt-tracking and air belt-tensioning adjustments.
- Rigidly mounts to all standard lathes.
- Coolant nozzle with adjustable flow valve.
- Easy to dress contact wheel.

Fixed Speed Models for Faster Cutting

Model 65750

7,200 SFPM

- These models have a water-tight on/off switch and built-in ammeter measures motor load.
- 90-durometer fixed 66619 Contact Wheel is standard.

Model 65751

6,000 SFPM

Variable Speed Models

Model 65752

2,500-10,500 SFPM

- These models include a variable speed rate motor. A digital display shows the operating speed and can be adjusted via keypad to any desired belt speed, even when the tool is in operation. Display also shows load percentage on the motor itself.
- Uses flexible diamond and other abrasive belts.
- 90-durometer fixed 66640 Contact Wheel is standard.

Model 65753

2,500-10,500 SFPM

2" WIDE x 36" LONG BELTS

- Grind and polish metal, plastic, rubber, urethane, wood and composites.
- 4" dia. x 2" wide 90-durometer, standard smooth face, contact wheel (65338).
- Includes corrosion-resistant parts, coolant nozzle with adjustable flow valve and coolant drip pan.
- Water-tight on/off switch. Built-in ammeter measures load.
- Rigidly mounts to lathe compound for close tolerance work.

Model 64991

4,500 SFPM

- Air-powered belt tensioning for quick and easy belt changes.

Model 64993

4,500 SFPM

Model 65014

4,500 SFPM

- These models feature a manual belt tensioning lever.

Model 65016

4,500 SFPM



ABRASIVE CAPACITY

- 2" wide x 36" or 48" long belts.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Air Pressure PSIG (Bar)	Max. SFPM (SMPM)	Voltage	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
64991	2.0 (1,491)	3,450	81 dB(A)	90 (6.2)	4,500 (1,367)	230	1	60 Hz	89 (40)	16 (406)	13-1/2 (343)
64993	2.0 (1,491)	2,850	81 dB(A)	90 (6.2)	4,500 (1,367)	230	1	50 Hz	89 (40)	16 (406)	13-1/2 (343)
65014	2.0 (1,491)	3,450	81 dB(A)	N/A	4,500 (1,367)	230	1	60 Hz	89 (40)	16 (406)	13-1/2 (343)
65016	2.0 (1,491)	2,850	81 dB(A)	N/A	4,500 (1,367)	230	1	50 Hz	89 (40)	16 (406)	13-1/2 (343)
65750	3.0 (2,237)	3,450	81 dB(A)	90 (6.2)	7,200 (2,187)	240	1	60 Hz	108 (49)	19 (483)	18 (457)
65751	3.0 (2,237)	2,850	81 dB(A)	90 (6.2)	6,000 (1,823)	240	1	50 Hz	108 (49)	19 (483)	18 (457)
65752	3.0 (2,237)	N/A	81 dB(A)	90 (6.2)	2,500-10,500 (762-3,200)	220	3	50-60 Hz	108 (49)	19 (483)	18 (457)
65753	3.0 (2,237)	N/A	81 dB(A)	90 (6.2)	2,500-10,500 (762-3,200)	440	3	50-60 Hz	108 (49)	19 (483)	18 (457)

Additional Specifications: Air Inlet Thread 1/4" NPT

Tool Post Grinder

Air Powered Abrasive Belt Tool

For grinding to superfinishing... mount to your standard lathe!



1-1/2" WIDE x 24" BELTS

Model 66402

- For use on metal, glass, stone, rubber, ceramic, carbide composites and other hard to grind materials.
- Simple tool holder mounting. Holds close tolerances.
- Reduce surface finish on materials prior to a superfinishing process.
- In-line belt tracking prevents uneven belt stretching.
- Fingertip controls for both motor on/off and adjustable air-belt tensioning.
- Cutaway housing design allows working into workpiece shoulders from right to left.

ABRASIVE CAPACITY

- 1-1/2" wide x 24" long belts.

TECH TIP

- Surface finishes of 2-3 RA obtainable using micron-grade abrasive belts.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
66402	1.86 (1,387)	7,200	84 dB(A)	1-1/2 (38) x 24 (610)	9/66 (1,869)	4,700 (1,428)*	19 (8.6)	15 (381)	10 (254)

Additional Specifications: Air Inlet Thread 3/8" NPT • Hose Size 1/2" (13 mm) • Air Pressure 90 PSIG (6.2 Bar)

* At Maximum Load

Versatility Grinder

Electric Powered Abrasive Belt Machine



- Sleek, compact design for easy space saving set up.
- Combines a new linear tracking adjustment with conventional pivot tracking for the ultimate belt tracking control.
- Adjustable air belt tensioning.
- Pivoting arm assembly standard. Matching pivoting vacuum scoop assembly optional. Machine also incorporates a through-housing vacuum port for the most efficient evacuation of grinding debris.
- The most complete line of interchangeable contact arms available for your every grinding need.

Variable Speed Models

Model 64900

600-4,000 SFPM

Model 64901

600-4,000 SFPM

- Single switch allows operator to change belt direction from forward to reverse (Models 64900 and 64901 only).

Model 64902

2,000-8,000 SFPM

Model 64903

2,000-8,000 SFPM

Fixed Speed Models

Model 64904

5,400 SFPM

Model 64905

5,400 SFPM

Model Number	Motor HP (W)	Abrasive Belt Size Inch (mm)	Max. SFPM (SMPM)	Voltage	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
64900	1 (744)	1/4-2 (6-51) x 72 (1,829)	600-4,000 (183-1,219)	115	1	50/60 Hz	120 (55)	33 (838)	22 (559)
64901	1 (744)	1/4-2 (6-51) x 72 (1,829)	600-4,000 (183-1,219)	230	1	50/60 Hz	120 (55)	33 (838)	22 (559)
64902	3 (2,232)	1/4-2 (6-51) x 72 (1,829)	2,000-8,000 (510-2,440)	230	3	50/60 Hz	120 (55)	33 (838)	22 (559)
64903	3 (2,232)	1/4-2 (6-51) x 72 (1,829)	2,000-8,000 (510-2,440)	460	3	50/60 Hz	120 (55)	33 (838)	22 (559)
64904	1.5 (1,116)	1/4-2 (6-51) x 72 (1,829)	5,400 (1,647)	115	1	50/60 Hz	120 (55)	33 (838)	22 (559)
64905	1.5 (1,116)	1/4-2 (6-51) x 72 (1,829)	5,400 (1,647)	230	1	50/60 Hz	120 (55)	33 (838)	22 (559)


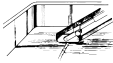
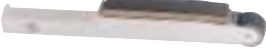


Dynaflex® Contact Arms

4" to 14" Workable Reach

Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11212 	<ul style="list-style-type: none"> • 45 PSIG maximum • File round openings as small as 7/16" 	1/4" x 24"	11066 5/16" dia. x 1/8" wide, steel	11034 1/4" wide
11213 	<ul style="list-style-type: none"> • 45 PSIG maximum • See 11239 for heavy-duty version 	1/2" x 24"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
11214 	<ul style="list-style-type: none"> • 45 PSIG maximum • Work on contact wheel or platen pad 	1/2" x 24"	11070 7/16" dia. x 3/8" wide, rubber	11025 1/2" wide
11215 	<ul style="list-style-type: none"> • Enter 1/2" x 1/2" openings 	1/4" x 24"	11072 7/16" dia. x 1/8" wide, brass	11034 1/4" wide
11216 	<ul style="list-style-type: none"> • Enter 5/16" x 3/4" openings 	1/4" x 24"	11074 5/8" dia. x 1/8" wide, rubber	11032 1/4" wide
11217 	<ul style="list-style-type: none"> • Enter channels as narrow as 9/16" 	1/2" x 24"	11076 7/16" dia. x 3/8" wide, steel	11027 1/2" wide
11218 	<ul style="list-style-type: none"> • Standard arm on Model 14000 • See 11228 for heavy-duty version 	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11219 	<ul style="list-style-type: none"> • No platen due to offset design • Grind radiuses, slack polish • Offset for slack polishing 	1/4", 5/16" or 2" x 24"	11080 1" dia. x 3/8" wide, radiused rubber	None
11228 	<ul style="list-style-type: none"> • Heavy-duty steel • Optional 11028 Steel Platen available for grinding 	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11231 	<ul style="list-style-type: none"> • See 11243 for heavy-duty version 	1/2" x 24"	11084 3/4" dia. x 1/2" wide, rubber	11026 1/2" wide
11232 "V" Shaped Wheel 	<ul style="list-style-type: none"> • For 1/8" wide belts • No platen due to offset design • Grind corners, strap polish 	1/8" or 1/4" x 24"	11086 1" dia. x 3/8" wide, tapered urethane	None
11234 	<ul style="list-style-type: none"> • Deburrs both edges of workpiece simultaneously • Contact wheels adjust for material 1/8" to 5/8" thick 	1/2" x 34"	11080 (two) 1" dia. x 3/8" wide, rubber	None
11238 Turbine Blade Arms 	<ul style="list-style-type: none"> • 45 PSIG maximum • Grind, blend and polish turbine blades • Reach areas as small as 5/16" wide • 1-1/2" strap polish area 	1/2" x 24"	1/4" dia. x 3/8" wide, steel (Consists of three 11051 Bearings)	None
11239 	<ul style="list-style-type: none"> • 45 PSIG maximum • Heavy-duty steel • Grind in narrow areas 	1/2" x 24"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
11240 	<ul style="list-style-type: none"> • 9" workable reach 	1/2" x 34"	11078 5/8" dia. x 3/8" wide, rubber	None
11241 	<ul style="list-style-type: none"> • 9" workable reach 	1/4" x 34"	11074 5/8" dia. x 1/8" wide, rubber	None
11243 	<ul style="list-style-type: none"> • Heavy-duty steel • Grind over contact wheel or platen pad 	1/2" x 24"	11084 3/4" dia. x 1/2" wide, rubber	11135 1/2" wide
11244 	<ul style="list-style-type: none"> • 14" workable reach 	1/2" x 44"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11255 None Cross Bow Arm 	<ul style="list-style-type: none"> • I.D. polish, deburr or ream with one 180° wrist turn • Deburr leading radius of 1" to 4" • Great for pipe fitters 	1/2" x 34"	11078 5/8" dia. x 3/8" wide, rubber	None

Dynafile® Contact Arms (CONT'D)

4" to 14" Workable Reach
















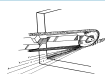


Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11258 Stroke Sander Arm  	<ul style="list-style-type: none"> • 45 PSIG maximum • Blend stainless steel 	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" x 7/8"
11262 Offset Arm  	<ul style="list-style-type: none"> • For flat grinding using platen at or near corners and edges of large radius round • Contact wheel is offset to prevent gouging 	1/2" x 24"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11297 Guide-Cut Arm 	<ul style="list-style-type: none"> • Guide wheels prevent undercutting • Removes raised material within .020" or less • Use 60 to 80 grit abrasive belts with this arm 	1/2" x 24" 60 to 80 grit	11090 5/8" dia. x 3/8" wide, rubber	None

Dynafile® II Contact Arms

For Air and Electric Models - 4" to 17" Workable Reach













Optional 40078 Adapter allows use of 24" long belts; extends reach to 7" when used with contact arm.

Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11200  	<ul style="list-style-type: none"> • Work on broad areas • Leave in-line scratch • Blend spot welds 	1/2" x 18"	11088 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11201  	<ul style="list-style-type: none"> • 45 PSIG maximum • Enter channels as small as 7/16" 	1/2" x 18"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
11202  	<ul style="list-style-type: none"> • Enter 5/16" x 3/4" openings 	1/4" x 18"	11074 5/8" dia. x 1/8" wide, rubber	11032 1/4" wide
11203  	<ul style="list-style-type: none"> • Standard on models 40335 and 40500 • Grind over contact wheel or platen • Order 11312 for heavy-duty, or 11325 for steel platen version 	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11204  	<ul style="list-style-type: none"> • Unique offset design • Strap polishing is easy with this arm 	1/8", 1/4", 5/16" OR 1/2" x 18"	11080 1" dia. x 3/8" wide, radiused rubber	None
11206  	<ul style="list-style-type: none"> • Standard on models 40320 and 40330 • Order 11326 for heavy-duty steel construction version 	5/8" OR 3/4" x 18"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide
11220, 11300, 11301, 11341  	<ul style="list-style-type: none"> • 45 PSIG maximum • Offset design and miniature contact wheels • 2" strap polish in offset area: polish turbine blades and other contours 	11220: 5/8" OR 3/4" x 18" All Others: 1/2" x 18"	11220: 11352 5/16" x 5/8", steel 11300: 11332 1/4" x 3/8", steel 11301: 11068 5/16" x 3/8", steel 11341: 11342 5/16" x 3/8", rubber	None None None None
11280  	<ul style="list-style-type: none"> • Grind corners, enter grooves, strap polish • "V" shape wheel 	1/8" OR 1/4" x 18"	11086 1" dia. x 3/8" wide, urethane, tapered	None
11286  	<ul style="list-style-type: none"> • 11024 Steel Platen available • 6-3/4" workable reach 	1/2" x 24"	11078 5/8" dia. x 3/8" wide	11025 1/2" wide

Dynafile® II Contact Arms (CONT'D)






For Air and Electric Models - 4" to 17" Workable Reach

Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11287 	<ul style="list-style-type: none"> Standard on model 40326 Grind on wheel or platen 5-1/4" reach 	5/8" OR 3/4" x 20-1/2"	11282 3/4" x 5/8" wide, rubber	11109 3/4" wide
11314 	<ul style="list-style-type: none"> 45 PSIG maximum File round openings as small as 7/16" 	1/4" x 18"	11066 5/16" dia. x 1/8" wide, steel	11034 1/4" wide
11320 Offset Arm 	<ul style="list-style-type: none"> For flat grinding using platen at or near corners and edges of large radius round Contact wheel is offset to prevent gouging 	1/2" x 18"	5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
11321 	<ul style="list-style-type: none"> 45 PSIG maximum Work on contact wheel or platen pad 	1/2" x 18"	11070 7/16" dia. x 3/8" wide, rubber	11025 1/2" wide
11322 	<ul style="list-style-type: none"> Guide-cut Removes raised material within .020" or less without undercutting 	1/2" x 18" 60 to 80 grit	11090 5/8" dia. x 3/8" wide, rubber	None
11329 	<ul style="list-style-type: none"> Extra length arm 17" workable reach 	1/2" x 44"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11330 	<ul style="list-style-type: none"> Enter 1/2" x 1/2" openings 	1/4" x 18"	11072 7/16" dia. x 1/8" wide, brass	11034 1/4" wide
11337 	<ul style="list-style-type: none"> Enter channels as narrow as 9/16" 	1/2" x 18"	11076 7/16" dia. x 3/8" wide, steel	11027 1/2" wide
11350 	<ul style="list-style-type: none"> 45 PSIG maximum Excellent for cleaning oxide off electrical bus bars Arm has a 12" workable reach 	3/4" x 34"	11352 5/16" dia. x 5/8" wide, steel	Optional 3/4" wide
11360 	<ul style="list-style-type: none"> Unique offset design Grind over contact wheels or strap polish 	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	None

Mini-Dynafile® II Contact Arms

3" Workable Reach

Mini-Dynafile® II arms are exclusive to the Mini-Dynafile® II







Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
15026 	<ul style="list-style-type: none"> Standard on Model 15003 Grind corners, enter grooves, strap polish 	1/2" x 12"	11078 5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
15028 	<ul style="list-style-type: none"> No platen due to offset design Grind radiuses, slack polish Offset for slack polishing 	1/4" x 5/16" OR 1/2" x 12"	11080 1" dia. x 3/8" wide, rubber	None
15029 	<ul style="list-style-type: none"> Grind corners, enter grooves and strap polish 	1/8" x 12"	11086 1" dia. x 3/8" wide, urethane	None
15030 	<ul style="list-style-type: none"> 45 PSIG maximum 	1/2" x 12"	11068 5/16" dia. x 3/8" wide, steel	11027 1/2" wide
15031 	<ul style="list-style-type: none"> 45 PSIG maximum Work on contact wheel or platen pad 	1/2" x 13"	11070 7/16" dia. x 3/8" wide, rubber	11027 1/2" wide

Dynafile® III Contact Arms

4" to 6-3/4" Workable Reach

Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11200 	<ul style="list-style-type: none"> Work on broad areas Leave in-line scratch Blend stainless 	1/2" x 18"	11088 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11203 	<ul style="list-style-type: none"> Standard on Models 40335 and 40500 Grind over contact wheel or platen Order 11312 for heavy-duty, or 11325 for steel platen version 	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide
11204 	<ul style="list-style-type: none"> Unique offset design Strap polishing is easy with this arm 	1/8", 1/4", 5/16" OR 1/2" x 18"	11080 1" dia. x 3/8" wide, radiused rubber	None
11206 	<ul style="list-style-type: none"> Standard on Models 40320 and 40330 Order 11326 for heavy-duty steel construction version 	5/8" OR 3/4" x 18"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide
11286 	<ul style="list-style-type: none"> 11024 Steel Platen available 6-3/4" workable reach 	1/2" x 24"	11078 5/8" dia. x 3/8" wide	11025 1/2" wide
11287 	<ul style="list-style-type: none"> Standard on Model 40326 Grind on wheel or platen 5-1/4" reach 	5/8" OR 3/4" x 20-1/2"	11282 3/4" x 5/8" wide, rubber	11109 3/4" wide
11320 Offset Arm 	<ul style="list-style-type: none"> For flat grinding using platen at or near corners and edges of large radius round Contact wheel is offset to prevent gouging bus bars 	1/2" x 18"	5/8" dia. x 3/8" wide, rubber	11026 1/2" wide
15321 	<ul style="list-style-type: none"> For flat grinding using platen pad 	1" x 18"	15320 7/8" dia. x 3/4" wide	15323 1" wide
15326 	<ul style="list-style-type: none"> Allows for longer reach Grind using platen pad 	1" x 24"	15320 7/8" dia. x 3/4" wide	15323 1" wide
15350 	<ul style="list-style-type: none"> Reversible arm - arm can be flipped to allow for platen sanding or strap polishing Standard with tool 	1" x 18"	15349 90 durometer 2" dia. x 1" wide	15323 1" wide
15351 	<ul style="list-style-type: none"> Reversible arm - arm can be flipped to allow for platen sanding or strap polishing 	1" x 18"	15348 70 durometer 2" dia. x 1" wide	15323 1" wide
15356 	<ul style="list-style-type: none"> Reversible arm - arm can be flipped to allow for platen sanding or strap polishing 	1" x 18"	15346 40 durometer 2" dia. x 5/8" wide	15323 1" wide
15357 	<ul style="list-style-type: none"> Reversible arm - arm can be flipped to allow for platen sanding or strap polishing "V" shape wheel 	1" x 18"	15347 2" dia. x 1" wide	15323 1" wide
15375 	<ul style="list-style-type: none"> Great for strap polishing 	1" x 24"	15348 70 durometer 2" dia. x 1" wide	None

Dynabelter® Contact Arms

Part Number	Comments	Belt Size	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11681	 <ul style="list-style-type: none"> 11672 Contact Arm Assembly available; same as 11681 except with 90 durometer contact wheel <p>2" dia. x 1" wide rubber wheel assemblies available for 11681 11618: 90 durometer, standard serration; 11650: 70 durometer, standard serration</p>	1" x 30"	11650 70 durometer standard serrated rubber, 2" dia. x 1" wide	11605 1" x 2-1/2"
11663	 <ul style="list-style-type: none"> Grind, deburr, polish over platen 7-1/2" workable reach 	1" x 30"	11616 80 durometer smooth rubber, 1" dia. x 1" wide	11605 1" x 2-1/2"
11668	 <ul style="list-style-type: none"> Wheel mount pivots to maintain surface contact Work on broad areas, blend stainless Leaves "in-line" scratch pattern 6" workable reach 	1" x 30"	11616 Two wheels, 80 durometer smooth rubber, 1" dia. x 1" wide	11605 1" x 1-7/8"
11677	 <ul style="list-style-type: none"> Grind, blend, polish welds Strap polish using slack of belt 7" workable reach 	1" x 30"	11620 40 durometer smooth rubber, (80 durometer available) 4" dia. x 1"	None
11682	 <ul style="list-style-type: none"> Grind, deburr fillet welds, inside corners 7" workable reach 	1/2" or 1" wide x 30" long	11638 70 durometer radiused rubber, 4" dia. x 1/2" wide	None
11684	 <ul style="list-style-type: none"> Polish contours without gouging workpiece Ideal for stainless pipe 7" workable reach 	1" x 30"	11642 40 durometer serrated rubber, (60, 80, 90 durometer urethane wheels available) 4" dia. x 5/8" wide	None
11717	 <ul style="list-style-type: none"> For best results when ordering 11717 Contact Arm for Dynabelter Model 11476: <ul style="list-style-type: none"> - Add 11544 Pressure Bar - Three 95150 Mounting Screws - 11794 Back Wheel Assembly 	1" x 30"	11618 90 durometer standard serrated urethane 2" dia. x 1" wide	None
11870	 <ul style="list-style-type: none"> 2" dia. x 2" wide rubber wheel assemblies are for extra heavy-duty tools only 7" workable reach 11872 Contact Arm Assembly available; same as 11870 except with 90 durometer contact wheel <p>2" dia. x 2" wide rubber wheel assemblies available for 11870 11851: 90 durometer, standard serration; 11847: 70 durometer, standard serration 11849: 70 durometer, scoop serration; 11853: 90 durometer, scoop serration</p>	2" x 30"	11847 70 durometer standard serrated rubber, 2" dia. x 2" wide	Optional 11659 2" x 2-1/2"

Dynabelter® Accessories

DYNABELTER® ADAPTER

11739 Adapter

- Dynaflex® contact arms (see pg. B-11), can be mounted on 11475 and 11476 Dynabelter® models with optional 11739 Adapter.
- Allows for work in small areas using 30" belts (8" reach).

DYNABELTER® CONTACT ARM EXTENDERS

- Allow for longer abrasive belts! The Dynabelter® uses standard 30" long abrasive belts, however, these extenders allow contact arms to use longer abrasive belts.
- Extenders can only be used with Dynabelter® contact arms.

11656 Extender

For 42" Belts

- 13" reach.

11679 Extender

For 60" Belts

- 21" reach.

Model 11739 ▼



Model 11656 ▼



Model 11679 ▼



Platen Pads

Provide Abrasive Belt Support on all Dynaflex®, Dynaflex® II, Mini-Dynaflex® II and Dynaflex® III Abrasive Belt Tools

Part Number	Use On				Width	Length	Thickness	Material	Package Quantity
	Dynaflex®	Dynaflex® II	Mini-Dynaflex® II	Dynaflex® III					
11025	✓	✓		✓	1/2"	7"	1/8"	Soft/Sponge	5
11026	✓	✓	✓	✓	1/2"	7"	1/8"	Hard/Cork	5
11027	✓	✓	✓		1/2"	7"	1/32"	Thin	5
11032	✓	✓			1/4"	7"	1/8"	Soft/Sponge	5
11033					1/4"	7"	1/8"	Hard/Cork	5
11034	✓	✓			1/4"	7"	1/32"	Thin	5
11109		✓		✓	3/4"	7"	1/8"	Hard/Cork	5
11119		✓			3/4"	7"	1/8"	Soft/Sponge	5
11129		✓			3/4"	7"	1/32"	Thin	5
15323				✓	1"	2"	1/8"	Soft/Sponge	5

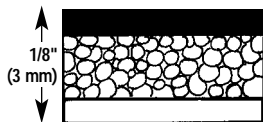
Note: Platen Pads are PSA mounted and easily trimmed to size.



SOFT

For deburring and polishing contoured pieces.

- Top facing.
- Sponge base.
- Pressure sensitive adhesive.



HARD

For heavy deburring and polishing.

- Top facing.
- Cork base.
- Pressure sensitive adhesive.






THIN

For use with contact arms having small dia. contact wheels such as 11212 Dynaflex Arm.

- Top facing.
- Pressure sensitive adhesive.



Dynangle® Contact Arms

Part Number	Contact Wheel Assembly	Face Material	Surface	Use
14261	 14251 - 1" dia. x 1" wide	70 durometer, urethane	Smooth	1/2" radiused corner
14263	 14253 - 1-1/2" dia. x 1" wide	70 durometer, urethane	Smooth	3/4" radiused corner
14266	 14256 - 2" dia. x 1" wide	70 durometer, urethane	Standard serrated	1" radiused corner



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Power Tool Technology

Abrasive Finishing Tools

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Dynastraight®	C-1	Mini-Dynisher®	C-8
Lightweight Dynastraight®	C-5	Rolling Pin Sander	C-8
Dynastraight® Flapper	C-6	Dyninger Sander	C-9
Lightweight Dynastraight® Plus	C-6	Lightweight Dyninger	C-10
Dynisher®	C-7	Eyelet Sanding Stars and Mandrels.....	C-11



Dynastraight®

Air Powered Abrasive Finishing Tool

Work on stainless steel, aluminum, carbon steel, plastic, fiberglass, composites, wood and more!



Model 13200 ▼



Model 13521 ▼



Model 13511 ▼



Model 13531 ▼



Model 13200

950 RPM SLOW-SPEED

- 13071 Combo Arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" bore may also be mounted.

Model 13200 .7 Hp

- Shown with optional non-woven nylon wheel.

Model 13500 1 Hp

1,800 RPM

Model 13501 1 Hp

- 13071 Combo Arbor for up to 3" wide wheels which have either 5/8" or 1" dia. center hole.
- Any Dynacushion® pneumatic wheel with 5/8" bore may also be mounted.

Model 13521 1 Hp

- 13015 Threaded Arbor (5/8"-11) ideal for use with optional 94472 Dynacushion® Pneumatic Wheel.

1,800 RPM, 6" EXTENSION

- Standard cushioned grip on extension models allows for operator comfort and added control of abrasive.

Model 13511 1 Hp

- 5/8" or 1" diameter combo arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" diameter bore may also be mounted. Shown with optional non-woven nylon wheel.

Model 13531 1 Hp

- 5/8"-11 threaded arbor.
- Threaded arbor for exclusive use with up to 3-1/2" wide pneumatic wheels (wheel not included) that have a threaded 5/8"-11 center hole. Ideal set-up for optional Dynacushion® pneumatic wheel (shown).

ABRASIVE CAPACITY

- Accepts conditioning discs, flap wheels, pneumatic wheels, etc. Use manufacturer's maximum operating speed as your guideline for compatibility.

TUNE-UP KIT

- .7 Hp models - Tune-Up Kit 96260.
- 1 Hp models - Tune-Up Kit 96532.

ACCESSORIES

- For the full offering of arbors see page K-26.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13200	.7 (522)	950	84 dB(A)	5/34 (957)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.7 (2.1)	14-7/8 (378)	1-3/4 (44)
13500	1 (744)	950	81 dB(A)	6/43 (1,218)	5/8" or 1"	3/8" NPT	1/2"-20 Male	5.2 (2.4)	15-3/4 (400)	1-7/8 (48)
13501	1 (744)	1,800	84 dB(A)	5/34 (952)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.2 (1.9)	13-3/8 (339)	1-7/8 (48)
13511	1 (744)	1,800	82 dB(A)	5/34 (952)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.6 (2.1)	17-1/4 (438)	1-7/8 (48)
13521	1 (744)	1,800	84 dB(A)	5/34 (952)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	3.8 (1.7)	14-7/8 (378)	1-7/8 (48)
13531	1 (744)	1,800	82 dB(A)	5/34 (952)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.2 (1.9)	17-1/2 (445)	1-7/8 (48)

Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynastraight® (CONT'D) Air Powered Abrasive Finishing Tool

3,400 RPM

Model 13201 .7 Hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.
- Shown with optional surface conditioning disc. Any Dynacushion® pneumatic wheel with 1/2" dia. bore may also be mounted.

Model 13202 .7 Hp

- 13017 Arbor for up to 2" wide x 5/8" I.D. wheels.
- Any Dynacushion® pneumatic wheel with 1/2" diameter bore may also be mounted.

Model 13203 .7 Hp

- 13014 Arbor for up to 2" wide x 14 mm I.D. wheels.

Model 13204 .7 Hp

- 13015 Threaded Arbor (5/8"-11) ideal for use with optional 94472 Dynacushion® Pneumatic Wheel.

Model 13205 .7 Hp

- 13071 Combo Arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole. Any Dynacushion® pneumatic wheel with 5/8" bore may also be mounted.

Model 13502 1 Hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.
- Any Dynacushion® pneumatic wheel with 1/2" dia. bore may also be mounted.
- Ideal set-up for optional surface conditioning discs (shown).

Model 13503 1 Hp

- 13017 Arbor for up to 2" wide x 5/8" I.D. wheels.
- Any Dynacushion® pneumatic wheel with 5/8" dia. bore may also be mounted.

VERSATILITY KIT

Model 13220 .7 Hp

- Includes 13204 Dynastraight; 94472 Dynacushion® Pneumatic Wheel; 94465 Wheel Inflation Tool (1/4" NPT); 94300 Dynaswivel® (1/4" NPT); 13016 Arbor; assortment of abrasives.

ABRASIVE CAPACITY

- Accepts conditioning discs, flap wheels, pneumatic wheels, etc. Use manufacturer's maximum operating speed as your guideline for compatibility.

TUNE-UP KIT

- .7 Hp models - Tune-Up Kit 96260.
- 1 Hp models - Tune-Up Kit 96532.

TECH TIP

- The pneumatic wheel should be inflated just enough to keep the abrasive belt on the wheel without having the abrasive belt slide off during operation.

ACCESSORIES

- For the full offering of arbors see page K-26.



Model 13204 ▼



Model 13502 ▼



Model 13201



Model 13220

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13201	.7 (522)	3,400	82 dB(A)	5/35 (977)	1/2"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13202	.7 (522)	3,400	82 dB(A)	5/35 (977)	5/8"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13203	.7 (522)	3,400	82 dB(A)	5/35 (977)	14 mm	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13204	.7 (522)	3,400	82 dB(A)	5/35 (977)	5/8"	1/4" NPT	1/2"-20 Male	3.8 (1.7)	14-5/8 (371)	1-3/4 (44)
13205	.7 (522)	3,400	82 dB(A)	5/35 (977)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.0 (1.8)	13-5/8 (346)	1-3/4 (44)
13502	1 (744)	3,400	80 dB(A)	6/43 (1,218)	1/2"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	15-1/8 (384)	1-7/8 (48)
13503	1 (744)	3,400	80 dB(A)	6/43 (1,218)	5/8"	3/8" NPT	1/2"-20 Male	4.2 (1.9)	13-7/8 (353)	1-7/8 (48)

Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynastraight® (CONT'D)
Air Powered Abrasive Finishing Tool



Model 13505 ▼



Model 13506 ▼



Model 13512 ▼



Model 13515 ▼



Model 13515

3,400 RPM

Model 13504 1 Hp

- 13014 Arbor for up to 51 mm wide x 14 mm I.D. wheels.

Model 13505 1 Hp

- Ideal set-up for optional Dynacushion® wheel (shown).
- 13015 Threaded Arbor (5/8" -11) ideal for use with 94472 Dynacushion® Pneumatic Wheel.

Model 13506 1 Hp

- 13071 Combo Arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole. (Abrasive shown sold separately.)
- Any Dynacushion® pneumatic wheel with 5/8" bore may also be mounted.

3,400 RPM, 6" EXTENSION

- Standard cushioned grip on extension models allows for operator comfort and added control of abrasive.

Model 13512 1 Hp

- Includes 1/2" diameter arbor for up to 2" wide x 1/2" I.D. wheels.
- Any Dynacushion® pneumatic wheel with 1/2" diameter bore may also be mounted.
- Ideal set-up for optional surface conditioning discs (shown).

Model 13515 1 Hp

- Ideal set-up for optional Dynacushion® wheel (shown).
- Includes threaded arbor for exclusive use with up to 3-1/2" wide pneumatic wheels (wheel not included) that have a threaded 5/8"-11 center hole.

Model 13516 1 Hp

- Includes 5/8" or 1" diameter combo arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" bore may also be mounted.

ABRASIVE CAPACITY

- Accepts conditioning discs, flap wheels, pneumatic wheels, etc. Use manufacturer's maximum operating speed as your guideline for compatibility.

ACCESSORIES

- For the full offering of arbors see page K-26.

TUNE-UP KIT

- All models this page: Tune-Up Kit 96532.

TECH TIP

- Avoid tipping the pneumatic wheel when operating. Best results will be achieved when keeping the pneumatic wheel as flat on the surface as possible.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13504	1 (744)	3,400	80 dB(A)	6/43 (1,218)	14 mm	3/8" NPT	1/2"-20 Male	4.3 (2.0)	15-1/8 (384)	1-7/8 (48)
13505	1 (744)	3,400	80 dB(A)	6/43 (1,218)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.2 (1.9)	16-1/8 (409)	1-7/8 (48)
13506	1 (744)	3,400	80 dB(A)	6/43 (1,218)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.4 (2.0)	14-1/2 (369)	1-7/8 (48)
13512	1 (744)	3,400	80 dB(A)	6/43 (1,218)	1/2"	3/8" NPT	1/2"-20 Male	4.4 (2.0)	18-1/2 (471)	1-7/8 (48)
13515	1 (744)	3,400	80 dB(A)	6/43 (1,218)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.1 (1.9)	18-5/8 (472)	1-7/8 (48)
13516	1 (744)	3,400	80 dB(A)	6/43 (1,218)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.7 (2.1)	18-3/4 (475)	1-7/8 (48)

Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynastraight® (CONT'D) Air Powered Abrasive Finishing Tool

4,500 RPM

Model 13206 .7 Hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.
- 94505 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide x 1/2" bore) may also be mounted.

Model 13207 .7 Hp

- 13071 Combo Arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole. (Abrasives shown are sold separately.)
- 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide x 5/8" bore) may also be mounted.

Model 13507 1 Hp

- 13016 Arbor for up to 2" wide x 1/2" I.D. wheels.

Model 13508 1 Hp

- 13071 Combo Arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole. (Abrasives shown are sold separately.)



Model 13207 ▼



Model 13508 ▼



Model 13520 ▼

4,500 RPM, 6" EXTENSION

- Standard cushioned grip on extension models allows for operator comfort and added control of abrasive.

Model 13517 1 Hp

- Includes 1/2" diameter arbor for up to 2" wide x 1/2" I.D. wheels.
- Ideal for use with coated abrasive flap wheels and non-woven nylon wheels (sold separately).

Model 13518 1 Hp

- Includes 5/8" or 1" diameter combo arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole.
- Ideal for use with coated abrasive flap wheels and non-woven nylon wheels (sold separately).

Model 13520 1 Hp

- Ideal set-up for optional Dynacushion® wheel (shown).
- Includes threaded arbor for exclusive use with up to 3-1/2" wide pneumatic wheels (wheel not included) that have a threaded 5/8"-11 center hole.



Model 13518

ABRASIVE CAPACITY

- Accepts conditioning discs, flap wheels, pneumatic wheels, etc. Use manufacturer's maximum operating speed as your guideline for compatibility.

TECH TIP

- The pneumatic wheel should be inflated just enough to keep the abrasive belt on the wheel without having the abrasive belt slide off during operation.

TUNE-UP KIT

- .7 Hp models - Tune-Up Kit 96260.
- 1 Hp models - Tune-Up Kit 96532.

ACCESSORIES

- For the full offering of arbors see page K-26.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13206	.7 (522)	4,500	82 dB(A)	6/40 (1,133)	1/2"	1/4" NPT	1/2"-20 Male	3.9 (1.8)	13-5/8 (346)	1-3/4 (44)
13207	.7 (522)	4,500	82 dB(A)	6/40 (1,333)	5/8" or 1"	1/4" NPT	1/2"-20 Male	4.0 (1.8)	13-5/8 (346)	1-3/4 (44)
13507	1 (744)	4,500	80 dB(A)	6/41 (1,161)	1/2"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	15-1/8 (384)	1-7/8 (48)
13508	1 (744)	4,500	80 dB(A)	6/41 (1,161)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.4 (2.0)	15-1/2 (370)	1-7/8 (48)
13517	1 (744)	4,500	80 dB(A)	6/41 (1,161)	1/2"	3/8" NPT	1/2"-20 Male	4.4 (2.0)	18-1/2 (471)	1-7/8 (48)
13518	1 (744)	4,500	80 dB(A)	6/41 (1,161)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.7 (2.1)	18-3/4 (475)	1-7/8 (48)
13520	1 (744)	4,500	80 dB(A)	6/41 (1,161)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.4 (2.0)	18-5/8 (472)	1-7/8 (48)

Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynastraight® (CONT'D)

Air Powered Abrasive Finishing Tool

Model 13509 ▼



Model 13519 ▼



6,000 RPM

Model 13509 1 Hp

- 13071 Combo Arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole.
- Any Dynacushion® pneumatic wheel with 5/8" bore may also be mounted.

6,000 RPM, 6" EXTENSION

Model 13519 1 Hp

- Standard cushioned grip for comfort and added control of abrasive.
- Ideal set-up for optional Dynacushion® wheel (shown); includes threaded arbor for exclusive use with up to 3-1/2" wide pneumatic wheels (not included) that have a threaded 5/8"-11 center hole.

TUNE-UP KIT

- Models 13509 and 13519: Tune-Up Kit 96532.

ACCESSORIES

- For the full offering of arbors see page K-26.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13509	1 (744)	6,000	82 dB(A)	6/44 (1,256)	5/8" or 1"	3/8" NPT	1/2"-20 Male	4.3 (2.0)	14-1/2 (369)	1-7/8 (48)
13519	1 (744)	6,000	83 dB(A)	6/44 (1,256)	5/8"-11 Male	3/8" NPT	1/2"-20 Male	4.4 (2.0)	18-5/8 (472)	1-7/8 (48)

Additional Specifications: Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bar)

Lightweight Dynastraight®

Air Powered Abrasive Finishing Tool

Tough, lightweight tools for consistent finishes

Model 13100 ▼



Model 13101



- All models include 13061 Multi-Purpose Arbor for mounting abrasive wheels 1/2" to 3" wide, 1/2" increments with 5/8" or 1" center hole.

950 RPM SLOW-SPEED

Model 13100 .4 Hp

- Optional 94507 Dynacushion Pneumatic Wheel (3-1/4" dia. x 3" wide x 5/8" bore) uses 3" wide x 10-11/16" long abrasive belt for use on stainless steel, marble, composite bowl cut-outs, etc.
- Also speed-mated for 8" dia. sanding stars (ideal way to whitewood sand, sealer sand and defuzz).

3,200 RPM

Model 13101 .4 Hp

- Ideal for 1/2" to 3" wide abrasive impregnated non-woven nylon wheels.
- Mount abrasive belts with optional 94507 Dynacushion® Pneumatic Wheel.
- Produces smooth finishes on stainless steel and many solid surfaces widely used in the kitchen and bath industries.

5,000 RPM

Model 13102 .4 Hp

TUNE-UP KIT

- All models: Tune-Up Kit 96173.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Diameter	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13100	.4 (298)	950	82 dB(A)	3/22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	13-1/4 (337)	1-5/8 (40)
13101	.4 (298)	3,200	81 dB(A)	3/22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	11-1/2 (292)	1-5/8 (40)
13102	.4 (298)	5,000	84 dB(A)	3/22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	2.2 (1.0)	11-1/2 (292)	1-5/8 (40)

Additional Specifications: Hose I.D. Size 1/4" (6 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynastraight® Flapper Air Powered Abrasive Finishing Tool

Polish inside of pipe and tubing; excellent for light deburring

18,000 RPM

Model 51130 .5 Hp

- Includes 51029 Flap Wheel Adapter.
- Remove rust, oxide and scale; clean welds, remove paint and surface condition using abrasive flap wheels.
- Adjustable speed, lever throttle, front exhaust.
- Shown with optional abrasive flap wheel, 2-1/2" dia. x 1" wide.

Model 51301 .5 Hp

- Includes 1/4" collet.

Model 51130 ▼



Model 51134 ▼



18,000 RPM, 8" EXTENSION

Model 51134 .5 Hp

- Includes 51029 Flap Wheel Adapter.
- Shown with optional abrasive flap wheel, 2-1/2" dia. x 1" wide.
- 8" extension.

Model 53501 .5 Hp

- Includes 1/4" collet.

ABRASIVE CAPACITY

- Up to 3" diameter flap wheels.

TUNE-UP KIT

- Model 51130 and 51301: Tune-Up Kit 95600; Model 51134 and 53501: Tune-Up Kit 96007.

ACCESSORIES

- Optional 53083 Side Handle.
- Drop-in motors available: Part Number 01127 for models 51134 and 53501; P/N 01198 for models 51130 and 51301.

IMPORTANT: Always use proper guards, wear eye gear and body protection. Never mount wheels which have lower RPM rating than the tool.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51130	.5 (373)	18,000	81 dB(A)	4/30 (850)	3/8 (10)	1/4" NPT	N/A	1.8 (0.8)	7 (178)	1-3/4 (44)
51134	.5 (373)	18,000	75 dB(A)	4/30 (850)	3/8 (10)	1/4" NPT	N/A	3.4 (1.5)	17-1/8 (435)	1-7/8 (48)
51301	.5 (373)	18,000	81 dB(A)	3/24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
53501	.5 (373)	18,000	75 dB(A)	4/30 (850)	3/8 (10)	1/4" NPT	5/16"-24 Male	3.2 (1.5)	17-7/8 (454)	1-7/8 (48)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Lightweight Dynastraight® Plus Air Powered Abrasive Finishing Tool

Has built-in holder for 3M Roloc and Roloc+ products

3,200 RPM

Model 13120 .4 Hp

- Has built-in speed control, rear exhaust, lever throttle.
- Mount abrasive directly to tool. Order abrasives separately.

5,000 RPM

Model 13121 .4 Hp

Model 13120 ▼



Model 13120



ABRASIVE CAPACITY

- Flap brushes and wheels, Cut 'n Polish wheels, Clean 'n Strip® wheels, coated abrasive discs, Scotch-Brite® surface conditioning discs and more.

ACCESSORIES

- Optional 13141 Handle/Mounting Collar Assembly available for side handle set-up.

TUNE-UP KIT

- Part Number 96173.

Roloc+, Roloc, Clean 'n Strip, and Scotch-Brite are trademarks of 3M Company

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Holder Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13120	.4 (298)	3,200	81 dB(A)	3/22 (623)	3/8 (10)	1/4" NPT	Female Roloc	1.8 (.8)	8-1/2 (216)	1-5/8 (40)
13121	.4 (298)	5,000	84 dB(A)	3/22 (623)	3/8 (10)	1/4" NPT	Female Roloc	1.8 (.8)	8-1/2 (216)	1-5/8 (40)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynisher®

Air Powered Abrasive Finishing Tool

Superior in-line finishes on most metals



Model 13400 ▼



Model 13450 ▼



Model 13450

3,400 RPM

Model 13400 .7 Hp

- Excellent for blending and finishing stainless steel and most other metals, leaving an in-line scratch pattern.
- Operator uses back-and-forth motion; guard can be adjusted for work right up to side walls.
- Variable speed control and safety-lock lever throttle.
- Arbor (3/4" dia.) included for mounting a variety of abrasives and accessories.
- Shown with optional 94473 Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide).

Model 13401 .7 Hp

- 13400 Dynisher® for use with optional 94495 Dynacushion® Pneumatic Wheel (90 mm x 100 mm wide).

VERSATILITY KITS

- Kits include two abrasive belts and 94465 Inflation Tool.

Model 13410 .7 Hp

- Includes 13400 Dynisher® with 94473 Dynacushion® Pneumatic Wheel (5" dia. x 3-1/2" wide);

Model 13411 .7 Hp

- Includes 13401 Dynisher® with 94495 Dynacushion® Pneumatic Wheel (90 mm x 100 mm wide).

3,400 RPM

Model 13450 1 Hp

- Ideal set-up for optional Dynacushion® pneumatic wheel.
- Great for refinishing stainless steel sinks, stainless steel kitchen countertops, etc.
- Minimize contamination by eliminating grooves and scratches.

VERSATILITY KIT

Model 13460 1 Hp

- Includes Model 13450 Dynisher®; 94473 Pneumatic Wheel; 94465 Wheel Inflation Tool; 80-grit belt; medium-grade belt; 95541 Grease Gun; 95542 Grease and 95848 Gear Oil.

ABRASIVE CAPACITY

- 8" dia. conditioning discs.
- 6" dia. flap wheels.
- 5" dia. pneumatic wheels.

ACCESSORIES

- Refer to the Accessories section for a complete listing of optional pneumatic wheels.

TUNE-UP KIT

- .7 Hp models - Tune-Up Kit 96234.
- 1 Hp models - Tune-Up Kit 96532.

TECH TIP

- The pneumatic wheel should be inflated just enough to keep the abrasive belt on the wheel without having the abrasive belt slide off during operation.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Diameter	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13400	.7 (522)	3,400	84 dB(A)	6/41 (1,161)	3/4" x 2-5/16"	3/8 (10)	1/4" NPT	4.5 (2.0)	13-1/2 (343)	9 (229)
13401	.7 (522)	3,400	84 dB(A)	6/41 (1,161)	3/4" x 2-5/16"	3/8 (10)	1/4" NPT	4.5 (2.0)	13-1/2 (343)	9 (229)
13450	1 (744)	2,800	80 dB(A)	6/41 (1,161)	3/4"	3/8 (10)	3/8" NPT	5.7 (2.6)	15 (381)	7 (180)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Mini-Dynisher® Air Powered Abrasive Finishing Tool

- Use optional, inflatable Dynacushion® pneumatic wheel. Finish virtually any shape, contour or material including: stainless steel, aluminum, carbon steel, copper, brass, plastic, fiberglass, composites, wood, etc.

3,200 RPM

Model 13300 .4 Hp

- Use with optional 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide).

950 RPM

Model 13301 .4 Hp

- Use with the following optional Dynacushion® Pneumatic Wheels: 94494 (5" dia. x 2-3/4" wide) or 94471 (5" dia. x 3-1/2" wide).

VERSATILITY KIT

Model 13310

- 13300 Mini-Dynisher®; 94507 Dynacushion® Pneumatic Wheel (3-1/4" dia. x 3" wide); 94465 Wheel Inflation Tool; ceramic coated aluminum oxide belt and medium grade non-woven nylon belt.

ABRASIVE CAPACITY

- 3" wide x 10-11/16" long belts.
- 2-3/4" or 3-1/2" wide x 15-1/2" long belts.
- 4" dia. x 3" wide wheels.

TUNE-UP KIT

- Part Number 96174.

TECH TIP

- Wheel conforms to contoured wood and metal; easily inflates/deflates for easy abrasive belt change.



Model 13300 ▼



◀ Model 13310

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Diameter	Hose I.D. Size	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
13300	.4 (298)	3,200	80 dB(A)	3/21 (595)	5/8" x 3"	1/4 (6)	1/4" NPT	2.8 (1.3)	10 (254)	7 (178)
13301	.4 (298)	950	81 dB(A)	3/21 (595)	5/8" x 3"	1/4 (6)	1/4" NPT	3.4 (1.5)	10 (254)	7 (178)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Rolling Pin Sander Air Powered Abrasive Finishing Tool

3,200 RPM

Model 58050 .4 Hp

- Unique offset handle to control torque.
- Includes 94434 Pneumatic Wheel – 3-1/4" dia. x 7" long. Wheel inflates to 20 PSI max.
- Designed for use with coated abrasive and non-woven nylon belts.

ABRASIVE CAPACITY

- 7" wide x 10-11/16" long belts.

TUNE-UP KIT

- Part Number 96174.

TECH TIP

- Wheel conforms to contoured wood and metal; easily inflates/deflates for easy abrasive belt change.



Model 58050 ▲



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58050	.4 (298)	3,200	82 dB(A)	3/24 (668)	3/8 (10)	1/4" NPT	5/8"-11 male	5 (2.3)	17-3/4 (452)	3-1/4 (83)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dyninger Sander

Air Powered Abrasive Finishing Tool

Sand • Defuzz • Blend • Scuff • Denib



Model 52060 ▼



Model 52061



Model 52062



Model 52060

SLOW SPEED

Model 52060 .4 Hp

- Excellent for blending and scuffing sealer coatings on contours and flat surfaces. Whitewood sand raised panels, turnings, moldings and hard-to-reach areas.
- Defuzz wooden grid pattern panels and denibbing raised grain.
- Great for light deburring of metal.
- High torque air motor includes arbor (1" dia.) to mount up to six coated abrasive stars (order stars separately).

BASIC VERSATILITY KIT

Model 52061

- 52060 Dyninger with 1" dia. arbor.
- 93245 Coated Abrasive Stars (120-grit, six stars).
- 93251 Coated Abrasive Stars (320-grit, six stars).
- 52031 Abrasive Dressing Plate.

DELUXE VERSATILITY KIT

Model 52062

- 52060 Dyninger with 1" dia. arbor.
- 93245 Coated Abrasive Stars (120-grit, six stars).
- 93251 Coated Abrasive Stars (320-grit, six stars).
- 52031 Abrasive Dressing Plate.
- 80020 Dynamount® Tool Bench Mount.
- 95745 Speed Control.

NOTES:

ABRASIVE CAPACITY

- Up to six 8" dia. abrasive stars with 1" center hole.

ACCESSORIES

- **93236 1/2" Dia. Star Insert:**
Adapts abrasive stars to most 1/2" dia. arbor tools.
- **93237 5/8" Dia. Star Insert:**
Adapts stars to most 5/8" dia. arbor tools.
- **13067 Spacer:**
Use on arbor for less than full loading of six stars. One or more spacers may be required.

TUNE-UP KIT

- Part Number 96173.

TECH TIP

• For best performance of all sanding stars, prior to application "dress" the abrasive tips against optional 52031 Stainless Steel Abrasive Dressing Plate or equivalent. Also, a piece of hardwood such as oak will do. Dressing will break the stiffness, or, flex the abrasives, resulting in a more consistent finish.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Wheel Arbor Dia. Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52060	.4 (298)	200-950	82 dB(A)	3/22 (623)	5/8" or 1"	1/4" NPT	3/8"-24 Male	3.7 (1.7)	11-1/8 (283)	2-3/4 (70)

Additional Specifications: Hose I.D. Size 1/4 (6 mm) • Air Pressure 90 PSIG (6.2 Bar)

Lightweight Dyninger Air Powered Abrasive Finishing Tool

Use with spindle-mount, arbor-mount and eyelet sanding stars

- For whitewood/sealer sanding, light deburring of metal, or fabrication and finishing of composite surfaces.
- Tools include air-flow control Dynaswivel® fitting for maximum tool maneuverability and control.
- Woodworking: excellent for wooden parts, moldings, raised panels and intricate profiles. Eliminates raised grain and removes loose fibers when whitewood sanding as well as scuffing sealer coats.
- Metalworking: eyelet stars are available in a variety of diameters with various shafts to choose from, including a long flexible shaft that's ideal for inside radiused pipe.

0-3,200 RPM

Model 52050 .4 Hp

1/4" Collet

Model 52051 .4 Hp

6 mm Collet

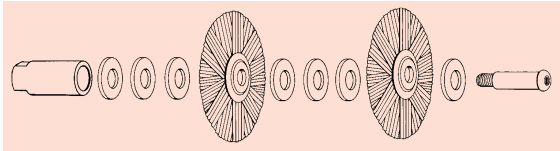
- Mount 4" diameter spindle-mount Dy-Cut sanding stars with 1/4" shank or Eyelet Dy-Cut sanding stars. (Order stars separately.)

Model 52052 .4 Hp

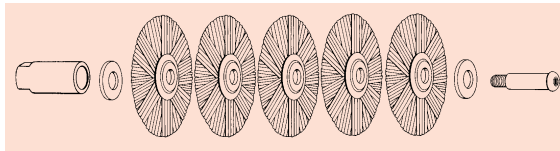
Arbor-Mount

- For arbor-mount stars and Dynacushion® wheel.
- Includes 12980 Arbor (1/2" diameter) for mounting up to five 4" diameter arbor-mount sanding stars (1/2" center hole). Arbor includes spacers to be used between the stars when added flexibility is desired. (Order stars separately.)

Least Aggressive/Most Flexible



Most Aggressive/Less Flexible



ABRASIVE CAPACITY

- 3/4", 1", 1-1/2", 2", 3" and 4" dia. sanding stars.

TUNE-UP KIT

- Part Number 96173.

TECH TIP

- The grit and spacing of the stars determine sanding aggressiveness. We suggest exploring various grit and spacing combinations.



NOTES:

NOTE: The rated RPM of a mounted sanding star is reduced when using flexible shafts. When using the flex shaft for finishing inside diameters, place the eyelet sanding star inside the workpiece, then start the tool.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52050	.4 (298)	0-3,200	81 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 male	2.2 (1.0)	9-1/4 (235)	1-5/8 (40)
52051	.4 (298)	0-3,200	81 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 male	2.2 (1.0)	9-1/4 (235)	1-5/8 (40)
52052	.4 (298)	0-3,200	81 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 male	2.2 (1.0)	8-3/4 (222)	1-5/8 (40)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Eyelet Sanding Stars and Mandrels

Ideal for Deburring and Polishing Hard-to-Reach Areas



- Eyelet sanding stars are available in the following diameters: 3/4", 1", 1-1/2", 2", 3" and 4".
- Use with Lightweight Dyninger models 52050 and 52051, and die grinder models.
- Excellent for wooden parts, moldings, raised panels and intricate profiles. Eliminates raised grain and removes loose fibers when whitewood sanding as well as scuffing sealer coats.
- Provides uniform, smooth surface for achieving the best top coats.
- Metalworking applications include setting in-line scratch on stainless steel.
- Polish and deburr inside diameters of pipe and tubing.

NOTE: The rated RPM of a mounted sanding star is reduced when using flexible shafts. When using the flex shaft for finishing inside diameters, place the eyelet sanding star inside the workpiece, then start the tool.



3" Eyelet Sanding Star easily enters pipe elbow using 7" long flexible mandrel.



Sand and deburr inside small dia. pipe and other hard to reach areas with 3/4" - 1-1/2" stars.



▲ 3" Mandrel



▲ 7" Flexible Shaft Mandrel

CHOOSE EYELET STAR...

Diameter Inch (mm)	Grit						
	80	120	150	180	220	320	400
3/4 (19)	93579	93580	93581	93582	93583	93584	93585
1 (25)	93586	93587	93588	93589	93590	93591	93592
1-1/2 (38)	93541	93542	93543	93544	93545	93546	93547
2 (51)	93551	93552	93553	93554	93555	93556	93557
3 (76)	93558	93559	93560	93561	93562	93563	93564
4 (102)	93565	93566	93567	93568	93569	-	-

...THEN CHOOSE MANDREL

Mandrel P/N	Length Inch (mm)	Max. Operating Speed	Male Thread
93534	3 (76)	25,000	3-48
93533	7 (178) Flex	5,000	3-48
93548	3 (76)	15,000	8-32
93532	7 (178) Flex	5,000	8-32
93550	3 (76)	15,000	1/4"-20
93531	7 (178) Flex	5,000	1/4"-20
93550	3 (76)	5,000	1/4"-20
93531	7 (178) Flex	3,200	1/4"-20



Continued Leadership in Portable Abrasive
Power Tool Technology

Random Orbital Sanders

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Dynorbital-Spirit™D-1
 Dynorbital® SupremeD-3
 Two-Hand Dynorbital® SanderD-5
 Palm-Style
 Mini-Dynorbital® SanderD-7
 7° Offset Mini-Dynorbital® SanderD-8

Angle-Head
 Mini-Dynorbital® SanderD-9
 Right Angle
 Mini-Dynorbital® SanderD-10
 Electric Dynorbital® SanderD-11



D-1 RANDOM ORBITAL SANDERS

Dynorbital-Spirit™ Air Powered Random Orbital Sander The latest in design innovation!

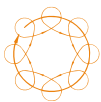


OFFERED IN 3 ORBIT DIAMETERS

Blue Lever
3/8" (10 mm) dia. orbit
for aggressive sanding



Grey Lever
3/16" (5 mm) dia. orbit
for general sanding



Black Lever
3/32" (2 mm) dia. orbit
for ultra-fine sanding



Model Number	Vacuum Style	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
59000	Non-Vac	3-1/2 (89)	3/8 (10)	81 dB(A)	1.4 (0.6)	6 (152)
59005	Non-Vac	5 (127)	3/8 (10)	75 dB(A)	1.5 (0.7)	6-1/2 (165)
59010	Non-Vac	6 (152)	3/8 (10)	79 dB(A)	1.6 (0.7)	7 (178)
59015	Non-Vac	3-1/2 (89)	3/16 (5)	73 dB(A)	1.4 (0.6)	6 (152)
59020	Non-Vac	5 (127)	3/16 (5)	75 dB(A)	1.4 (0.6)	6-1/2 (165)
59025	Non-Vac	6 (152)	3/16 (5)	75 dB(A)	1.5 (0.7)	7 (178)
59030	Non-Vac	3-1/2 (89)	3/32 (2)	76 dB(A)	1.4 (0.6)	6 (152)
59035	Non-Vac	5 (127)	3/32 (2)	75 dB(A)	1.4 (0.6)	6-1/2 (165)
59040	Non-Vac	6 (152)	3/32 (2)	74 dB(A)	1.5 (0.6)	7 (178)
59100	Non-Vac	3 (76)	3/8 (10)	81 dB(A)	1.4 (0.6)	6 (152)
59105	Non-Vac	3 (76)	3/16 (5)	73 dB(A)	1.4 (0.6)	6-1/2 (165)
59110	Non-Vac	3 (76)	3/32 (2)	76 dB(A)	1.3 (0.6)	7 (178)
59003	Self-Gen	3-1/2 (89)	3/8 (10)	77 dB(A)	1.5 (0.7)	8-1/2 (216)
59008	Self-Gen	5 (127)	3/8 (10)	78 dB(A)	1.6 (0.7)	8-1/2 (216)
59013	Self-Gen	6 (152)	3/8 (10)	79 dB(A)	1.7 (0.7)	9 (229)
59018	Self-Gen	3-1/2 (89)	3/16 (5)	76 dB(A)	1.4 (0.6)	8-1/2 (216)
59023	Self-Gen	5 (127)	3/16 (5)	80 dB(A)	1.5 (0.7)	8-1/2 (216)
59028	Self-Gen	6 (152)	3/16 (5)	80 dB(A)	1.6 (0.7)	9 (229)

THE LIGHTEST TOOL ON THE MARKET TODAY!

- Ideal for achieving a swirl-free finish on wood and other surfaces.
- Incorporates the latest engineering and manufacturing technology to create the lightest sander on the market today. Non-vacuum model weighs just 22 ounces (1.4 lbs. [.64 kg]). This makes the Dynorbital-Spirit™ ideal for all vertical applications.

NEW INNOVATIVE BEARING SEALS

- New and innovative "V-Seal" bearing seal (patent pending) protects balancer shaft bearing from sanding residue for longer life.
- Unique "top hat" seal protects front motor bearing from sanding residue. Also holds in bearing lubrication while keeping out other contaminants.

NOTES:

ABRASIVE CAPACITY

- 3", 3-1/2", 5" and 6" dia. discs.

ACCESSORIES

- See the Accessories Section for a complete listing of high quality, weight-mated sanding pads.
- No motor adjustments needed! Reduce repair time by 90% with our quick and easy drop-in motor. See Accessories Section.



TUNE-UP KIT

- Part Number 96510.

TECH TIP

- Self-generated vacuum-ready models connect to self-contained dust collection systems. See page K-25.
- Central vac-ready models connect to 1" vacuum port of central vacuum systems.

Model Number	Vacuum Style	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Sound Level	Weight Pound (kg)	Length Inch (mm)
59033	Self-Gen	3-1/2 (89)	3/32 (2)	77 dB(A)	1.4 (0.6)	8-1/2 (216)
59038	Self-Gen	5 (127)	3/32 (2)	77 dB(A)	1.5 (0.6)	8-1/2 (216)
59043	Self-Gen	6 (152)	3/32 (2)	83 dB(A)	1.5 (0.7)	9 (229)
59103	Self-Gen	3 (76)	3/8 (10)	77 dB(A)	1.5 (0.6)	8-1/2 (216)
59108	Self-Gen	3 (76)	3/16 (5)	76 dB(A)	1.4 (0.6)	8-1/2 (216)
59113	Self-Gen	3 (76)	3/32 (2)	77 dB(A)	1.4 (0.6)	9 (229)
59004	Central	3-1/2 (89)	3/8 (10)	83 dB(A)	1.5 (0.7)	7 (178)
59009	Central	5 (127)	3/8 (10)	77 dB(A)	1.5 (0.7)	7-1/4 (184)
59014	Central	6 (152)	3/8 (10)	79 dB(A)	1.6 (0.7)	7-3/4 (197)
59019	Central	3-1/2 (89)	3/16 (5)	74 dB(A)	1.4 (0.6)	7 (178)
59024	Central	5 (127)	3/16 (5)	77 dB(A)	1.5 (0.6)	7-1/4 (184)
59029	Central	6 (152)	3/16 (5)	75 dB(A)	1.6 (0.7)	7-3/4 (197)
59034	Central	3-1/2 (89)	3/32 (2)	75 dB(A)	1.4 (0.6)	7 (178)
59039	Central	5 (127)	3/32 (2)	77 dB(A)	1.4 (0.6)	7-1/4 (184)
59044	Central	6 (152)	3/32 (2)	76 dB(A)	1.5 (0.7)	7-3/4 (197)
59104	Central	3 (76)	3/8 (10)	83 dB(A)	1.5 (0.6)	7 (178)
59109	Central	3 (76)	3/16 (5)	74 dB(A)	1.4 (0.6)	7-1/4 (184)
59114	Central	3 (76)	3/32 (2)	75 dB(A)	1.4 (0.6)	7-3/4 (197)

Additional Specifications: Motor .25 HP (186W) • Motor 12,000 RPM • Thread 5/16"-24 Female • Air Inlet Thread 1/4" NPT
Hose I.D. Size 1/4" (6 mm) • Air Flow Rate 2 CFM/14 SCFM/396 LPM • Height 3-1/2" (89 mm) • Air Pressure 90 PSIG (6.2 Bar)

Dynorbital-Spirit™ Air Powered Random Orbital Sander The latest in design innovation!

NON-VACUUM

- Includes low profile, premium urethane, weight-mated sanding pad.
- Optional vacuum conversion kits available (see page K-24) to easily convert non-vacuum tool to self-generated vacuum tool for connection to a self-contained dust collection system. Can also be converted to connect to a standard central vacuum system.

Pad Diameter	3/8" Orbit Models (Pad)	3/16" Orbit Models (Pad)	3/32" Orbit Models (Pad)
3" (76 mm)	59100 (56084)	59105 (56084)	59110 (56084)
3-1/2" (89 mm)	59000 (56098)	59015 (56098)	59030 (56098)
5" (127 mm)	59005 (56106)	59020 (56106)	59035 (56106)
6" (152 mm)	59010 (56107)	59025 (56107)	59040 (56107)

Model 59020 ▼



SELF-GENERATED VACUUM-READY

- Includes low profile, premium urethane, weight mated sanding pad.
- Ready for connection to optional, portable self-contained dust collection systems (50617 shown, see page K-25 for further options).

Pad Diameter	3/8" Orbit Models (Pad)	3/16" Orbit Models (Pad)	3/32" Orbit Models (Pad)
3" (76 mm)	59103 (56084)	59108 (56084)	59113 (56084)
3-1/2" (89 mm)	59003 (56098)	59018 (56098)	59033 (56098)
5" (127 mm)	59008 (56104)	59023 (56104)	59038 (56104)
6" (152 mm)	59013 (56105)	59028 (56105)	59043 (56105)

Model 59008 ▼



CENTRAL VACUUM-READY

- Includes low profile, premium urethane, weight mated sanding pad.
- Has 1" diameter vacuum port for easy central vacuum hook-up.

Pad Diameter	3/8" Orbit Models (Pad)	3/16" Orbit Models (Pad)	3/32" Orbit Models (Pad)
3" (76 mm)	59104 (56084)	59109 (56084)	59114 (56084)
3-1/2" (89 mm)	59004 (56098)	59019 (56098)	59034 (56098)
5" (127 mm)	59009 (56104)	59024 (56104)	59039 (56104)
6" (152 mm)	59014 (56105)	59029 (56105)	59044 (56105)

Model 59039 ▼



Dynorbital® Supreme Air Powered Random Orbital Sander The tradition of excellence continues



3/16" (5 mm) Dia. Orbit
For General Sanding



3/32" (2 mm) Dia. Orbit
For Ultra-Fine Sanding



MORE POWER

- All models 12,000 RPM.
- Unique rotor utilizes five blades and produces more useable power. This composite rotor is stronger and has better lubricating qualities which enables the blades to last longer.

LESS VIBRATION

- Composite base has integrated rubber over-mold creating a non-slip feel, as well as insulating from cold.
- The air motor is suspended by vibration-absorbing rubber rings (Patent No. 5,319,888) to minimize vibration.

TRIPLE-SEALED BALANCER BEARING

- Triple-sealed front double row balancer bearing (Patent No. 4,854,085) is guarded from sanding residue for long life and lower maintenance; easy replacement using 57098 Repair Kit.

ANTI-CLOG VACUUM DESIGN

- Anti-clog design (Patent No. 5,319,888) enhances the vacuum pick-up on self-generated and central vacuum models. Dust particles are directed away from the air motor (reducing contamination) following a smoother, easier path of extraction.

ABRASIVE CAPACITY

- 3", 3-1/2", 5" and 6" dia. discs.

ACCESSORIES

- See the Accessories Section for a complete listing of high quality, weight-mated sanding pads.



TECH TIP

- Self-generated vacuum-ready models connect to self-contained dust collection systems. See page K-25.
- Central vac-ready models connect to 1" vacuum port of central vacuum systems.

TUNE-UP KIT

- Part Number 96024.

Model Number	Motor HP (W)	Motor RPM	Vacuum Style	Tool Dia. Inch (mm)	Dia. Orbit Inch (mm)	Included Pad P/N	Sound Level	Air Flow Rate CFM/SCFM (LPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
56800	.28 (209)	12,000	Non-Vac	3-1/2 (89)	3/16" (5)	56098	76 dB(A)	3/18 (510)	2.1 (1.0)	6 (152)	3-3/4 (95)
56815	.28 (209)	12,000	Non-Vac	5 (127)	3/16" (5)	56106	78 dB(A)	3/18 (510)	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
56826	.28 (209)	12,000	Non-Vac	6 (152)	3/16" (5)	56107	79 dB(A)	3/18 (510)	2.2 (1.0)	7 (178)	3-1/2 (89)
56840	.28 (209)	12,000	Non-Vac	3-1/2 (89)	3/32" (2)	56098	76 dB(A)	3/18 (510)	2.1 (1.0)	6 (152)	3-3/4 (95)
56850	.28 (209)	12,000	Non-Vac	5 (127)	3/32" (2)	56106	78 dB(A)	3/18 (510)	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
56859	.28 (209)	12,000	Non-Vac	6 (152)	3/32" (2)	56107	79 dB(A)	3/18 (510)	2.2 (1.0)	7 (178)	3-1/2 (89)
56803	.28 (209)	12,000	Self-Gen	3-1/2 (89)	3/16" (5)	56098	83 dB(A)	3/18 (510)	2.1 (1.0)	8-1/4 (210)	3-3/4 (95)
56818	.28 (209)	12,000	Self-Gen	5 (127)	3/16" (5)	56104	81 dB(A)	3/18 (510)	2.1 (1.0)	8-1/2 (216)	3-5/8 (92)
56829	.28 (209)	12,000	Self-Gen	6 (152)	3/16" (5)	56105	79 dB(A)	3/18 (510)	2.2 (1.0)	9 (229)	3-1/2 (89)
56843	.28 (209)	12,000	Self-Gen	3-1/2 (89)	3/32" (2)	56098	83 dB(A)	3/18 (510)	2.1 (1.0)	8-1/4 (210)	3-3/4 (95)
56853	.28 (209)	12,000	Self-Gen	5 (127)	3/32" (2)	56104	81 dB(A)	3/18 (510)	2.1 (1.0)	8-1/2 (216)	3-5/8 (92)
56862	.28 (209)	12,000	Self-Gen	6 (152)	3/32" (2)	56105	79 dB(A)	3/18 (510)	2.2 (1.0)	9 (229)	3-1/2 (89)
56804	.28 (209)	12,000	Central	3-1/2 (89)	3/16" (5)	56098	76 dB(A)	3/18 (510)	2.1 (1.0)	7 (178)	3-3/4 (95)
56819	.28 (209)	12,000	Central	5 (127)	3/16" (5)	56104	78 dB(A)	3/18 (510)	2.2 (1.0)	7-1/4 (184)	3-5/8 (92)
56830	.28 (209)	12,000	Central	6 (152)	3/16" (5)	56105	79 dB(A)	3/18 (510)	2.2 (1.0)	7-3/4 (197)	3-1/2 (89)
56844	.28 (209)	12,000	Central	3-1/2 (89)	3/32" (2)	56098	76 dB(A)	3/18 (510)	2.1 (1.0)	7 (178)	3-3/4 (95)
56854	.28 (209)	12,000	Central	5 (127)	3/32" (2)	56104	78 dB(A)	3/18 (510)	2.2 (1.0)	7-1/4 (184)	3-5/8 (92)
56863	.28 (209)	12,000	Central	6 (152)	3/32" (2)	56105	79 dB(A)	3/18 (510)	2.2 (1.0)	7-3/4 (197)	3-1/2 (89)

Additional Specifications for All Models: Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" (6 mm) • Thread 5/16"-24 Female • Air Pressure 90 PSIG (6.2 Bar)

Dynorbital® Supreme Air Powered Random Orbital Sander

The tradition of excellence continues

NON-VACUUM MODELS

- Includes low profile, premium urethane, weight-mated sanding pad.
- Optional vacuum conversion kits available (see page K-24) to easily convert non-vacuum tool to self-generated vacuum tool for connection to a self-contained dust collection system. Can also be converted to connect to a standard central vacuum system.

Pad Diameter	3/16" Orbit Models (Pad)	3/32" Orbit Models (Pad)
3-1/2" (89 mm)	56800 (56098)	56840 (56098)
5" (127 mm)	56815 (56106)	56850 (56106)
6" (152 mm)	56826 (56107)	56859 (56107)

Model 56815 ▼



SELF-GENERATED VACUUM-READY MODELS

- Includes low profile, premium urethane, weight mated sanding pad.
- Ready for connection to optional, portable self-contained dust collection systems (50617 shown, see page K-25 for further options).

Pad Diameter	3/16" Orbit Models (Pad)	3/32" Orbit Models (Pad)
3-1/2" (89 mm)	56803 (56098)	56843 (56098)
5" (127 mm)	56818 (56104)	56853 (56104)
6" 152 mm)	56829 (56105)	56862 (56105)

Model 56818 ▼



CENTRAL VACUUM-READY MODELS

- Includes low profile, premium urethane, weight mated sanding pad.
- Has 1" diameter vacuum port for easy central vacuum hook-up.

Pad Diameter	3/16" Orbit Models (Pad)	3/32" Orbit Models (Pad)
3-1/2" (89 mm)	56804 (56098)	56844 (56098)
5" (127 mm)	56819 (56104)	56854 (56104)
6" (152 mm)	56830 (56105)	56863 (56105)

Model 56819 ▼



Two-Hand Dynorbital® Sander

5" and 6" Diameter Air Powered Random Orbital Sanders

Long handle allows two-hand support of tool

Model 58400 ▼



3/8" (10 mm) Dia. Orbit
For Aggressive Sanding



3/16" (5 mm) Dia. Orbit
For General Sanding



Model 58409



NON-VACUUM

Model 58400

5" Diameter - 3/16" Dia.

- Includes 56106 Vinyl-Face Pad.

Model 58405

6" Diameter - 3/16" Dia.

- Includes 56107 Vinyl-Face Pad.

Model 58415

5" Diameter - 3/8" Dia.

- Includes 56106 Vinyl-Face Pad.

Model 58418

6" Diameter - 3/8" Dia.

- Includes 56107 Vinyl-Face Pad.

SELF-GENERATED VACUUM-READY

- Ready for connection to optional, portable, self-contained dust collection systems.

Model 58401

5" Diameter - 3/16" Dia.

- Includes 56104 Vinyl-Face Pad.

Model 58406

6" Diameter - 3/16" Dia.

- Includes 56105 Vinyl-Face Pad.

Model 58416

5" Diameter - 3/8" Dia.

- Includes 56104 Vinyl-Face Pad.

Model 58419

6" Diameter - 3/8" Dia.

- Includes 56105 Vinyl-Face Pad.

CENTRAL VACUUM-READY

- Has 1" diameter vacuum port for easy central vacuum hose hook-up.
- Dynabrade portable vacuum also available.

Model 58404

5" Diameter - 3/16" Dia.

- Includes 56104 Vinyl-Face Pad.

Model 58409

6" Diameter - 3/16" Dia.

- Includes 56105 Vinyl-Face Pad.

Model 58417

5" Diameter - 3/8" Dia.

- Includes 56104 Vinyl-Face Pad.

Model 58420

6" Diameter - 3/8" Dia.

- Includes 56105 Vinyl-Face Pad.

ABRASIVE CAPACITY

- 5" and 6" dia. discs.

ACCESSORIES

- See page K-25 for a complete listing of optional dust collection systems.

TUNE-UP KIT

- Part Number 98220.

TECH TIP

- Start on... stop off. A simple rule of thumb to prevent unnecessary swirl marks on the work surface. Start the sander on the work surface; stop the tool off the work surface.

NOTE: For 3/8" dia. orbit model specifications refer to corresponding 3/16" dia. orbit models

Model Number	Motor HP (W)	Motor RPM	Orbit Dia. Inch (mm)	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58400	.45 (336)	12,000	3/16 (5)	5 (127)	81 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	2.5 (1.2)	11-1/16 (280)	4-15/16 (126)
58401	.45 (336)	12,000	3/16 (5)	5 (127)	84 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	2.5 (1.1)	11-1/16 (280)	4-15/16 (126)
58404	.45 (336)	12,000	3/16 (5)	5 (127)	84 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	2.5 (1.1)	11-1/16 (280)	4-15/16 (126)
58405	.45 (336)	12,000	3/16 (5)	6 (152)	81 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	2.6 (1.2)	11-3/8 (288)	4-15/16 (126)
58406	.45 (336)	12,000	3/16 (5)	6 (152)	83 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	2.5 (1.2)	11-3/8 (288)	4-15/16 (126)
58409	.45 (336)	12,000	3/16 (5)	6 (152)	83 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	2.7 (1.2)	11-3/8 (288)	4-15/16 (126)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Thread 5/16"-24 Female

Recommended Air Line Accessory: For Best Performance use 95676 Coupler/Plug Assembly

Two-Hand Dynorbital® Sander (CONT'D)

8" Diameter Air Powered Random Orbital Sanders

Work large areas on metal, fiberglass, solid surfaces and plastics

- Ideal for finish sanding.
- The long handle provides for two-hand support of the tool and excellent comfort and control, especially when working on vertical sides of workpiece.
- Anti-clog design is particularly advantageous when sanding damp filler material.
- Includes low-profile, premium, weight-mated sanding pad for use with PSA abrasive discs. (All 8" dia. pads screw-mount with 5 screws.)

NON-VACUUM

Model 58410

SELF-GENERATED VACUUM-READY

Model 58411

- Ready for connection to optional, portable, self-contained dust collection systems (see page K-25).

CENTRAL VACUUM-READY

Model 58414

- Has 1" diameter vacuum port for easy central vacuum hose hook-up.



Model 58410 ▲

3/16" (5 mm) Dia. Orbit
For General Sanding



NOTES:

ABRASIVE CAPACITY

- 8" dia. discs.

ACCESSORIES

- See the Accessories Section for a complete listing of high quality, weight-mated sanding pads.



TUNE-UP KIT

- Part Number 98221.

TECH TIP

- The sanding pads standard on each tool are perfectly balanced and weight-mated to the balancer shaft for smooth-running, low vibration performance. For best operating performance always use Dynabrade's premium quality pads.



Model Number	Motor HP (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58410	.45 (336)	10,000	8 (203)	81 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	4.0 (1.8)	12-1/2 (319)	5-5/8 (142)
58411	.45 (336)	10,000	8 (203)	85 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	4.0 (1.8)	12-1/2 (319)	5-5/8 (142)
58414	.45 (336)	10,000	8 (203)	84 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	4.2 (1.9)	12-1/2 (319)	5-5/8 (142)

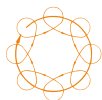
Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

D-7 **RANDOM ORBITAL SANDERS**

Palm-Style Mini-Dynorbital® Sander

Air Powered Random Orbital Sander

Excellent for reaching tight spots and dust nib removal from clearcoat paint



- Excellent on metal and composites! Ideal for finesse sanding.
- Weighs only 1-3/4 lbs. — for great operator comfort and control!
- Combined orbital and random action provides ultra-smooth finishes on most woods. Sanding head provides the "random action."
- Accepts 3/4" and 1-1/4" diameter sanding pads with sample micro-finishing film abrasive discs. Confines sanding to smallest possible area.

5,000 RPM

Model 57500

- Includes 54034 Sanding Head (accepts 3" and smaller diameter sanding pads with 1/4"-20 female thread).

5,000 RPM

Model 57503

- Includes 54035 Sanding Head (accepts 3" and smaller dia. sanding pads with male locking-type threads such as 3M Roloc).
- Model 57502 is part of the Dynabrade Two-Step Clear Coat Polishing System seen in most auto original equipment manufacturers (OEM's). See page G-3.

7,500 RPM

Model 57502

VERSATILITY KIT

Model 57501

- Includes: 57500 Mini-Dynorbital air tool; assortment of 3/4" and 1-1/4", 1/4"-20 female thread sanding pads for PSA and non-woven nylon discs; and an assortment of 3/4" and 1-1/4" coated silicon carbide and abrasive impregnated non-woven nylon discs.

NOTES:

ABRASIVE CAPACITY

- 3/4" and 1-1/4" diameter discs

ACCESSORIES

- See page K-9 for a complete listing of sanding heads and disc pads.

TUNE-UP KIT

- Part Number 96109.

TECH TIP

- Start on...Stop off. A simple rule of thumb to prevent unnecessary swirl marks on the work surface. Start the sander on the work surface; stop the tool off the work surface. For best results, operate tool at 90 PSIG air pressure.

Model Number	Motor HP (W)	Motor RPM	Orbit Dia. Inch (mm)	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57500	.05 (37)	5,000	3/16 (5)	3/4 (19), 1-1/4 (32)	70 dB(A)	1/6 (170)	1/4 (6)	1/4" NPT	1.7 (0.8)	5 (127)	3-5/8 (92)
57502	.05 (37)	7,500	3/16 (5)	3/4 (19), 1-1/4 (32)	70 dB(A)	1/6 (170)	1/4 (6)	1/4" NPT	1.7 (0.8)	5 (127)	3-5/8 (92)
57503	.05 (37)	5,000	3/16 (5)	3/4 (19), 1-1/4 (32)	70 dB(A)	1/6 (170)	1/4 (6)	1/4" NPT	1.7 (0.8)	5 (127)	3-5/8 (92)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Tool Thread 1/4"-20 Male

Note: For Model 57500, the sanding head mounts to tool's 1/4"-28 female thread exposing 1/4"-20 male thread to accept pad

7° Offset Mini-Dynorbital® Sander

Air Powered Random Orbital Sander

Excellent for removing dust nibs on clear coat paint systems

- Ideal for finesse sanding.
- Optional side handle available. Order 13141 Handle/Collar Assembly.

3,200 RPM

Model 51410

- Includes 54034 Sanding Head (accepts 3" and smaller diameter sanding pads with 1/4"-20 female thread).
- 54018 Pad 1-1/4" diameter "medium" density with sample PSA 9-micron micro-finishing film discs. Pad has 1/4"-20 female thread which mounts to sanding head.



Model 51410 ▲

3/16" (5 mm) Dia. Orbit
For General Sanding



3,200 RPM

Model 51411

- Includes 54035 Sanding Head (accepts 3" and smaller dia. sanding pads with male locking-type threads such as 3M Roloc).
- 54031 "soft" density, male locking-type pad, accepts PSA-backed micro-finishing film discs.

5,000 RPM

Model 51412

VERSATILITY KIT

Model 51415

Four-Tools-In-One!

- Two mini-random orbital sanders, 1/4" die grinder and 3-1/2" disc sander.
- Includes: 3,200 RPM air tool; 54034 and 54035 Random Orbital Sanding Heads; assortment of sanding pads for PSA type discs, 50010 Collet, 50126 Back-Up Pad, assortment of abrasives and wrenches.



Four Tools
in One!

NOTES:

ABRASIVE CAPACITY

- 3/4" and 1-1/4" diameter discs.

ACCESSORIES

- See page K-9 for a complete listing of sanding heads and disc pads.

TUNE-UP KIT

- Part Number 96174.

TECH TIP

- The 51415 Versatility Kit provides the flexibility of two mini-random orbital sanders, 1/4" die grinder and a 3-1/2" disc sander.



Model 51410

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51410	.4 (298)	3,200	79 dB(A)	3/24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	8 (203)	5-1/2 (140)
51411	.4 (298)	3,200	79 dB(A)	3/24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	8 (203)	5-1/2 (140)
51412	.4 (298)	5,000	79 dB(A)	3/24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	8 (203)	5-1/2 (140)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Note: For Model 51410, the sanding head mounts to tool's 1/4"-28 female thread exposing 1/4"-20 male thread to accept pad

D-9 **RANDOM ORBITAL SANDERS**

Angle-Head Mini-Dynorbital® Sander

Air Powered Random Orbital Sander

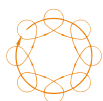
Excellent for removing dust nibs on clear coat paint systems



Model 53400 ▲

3/16" (5 mm) Dia. Orbit

For General Sanding



Model 53402



Model 53403



Model 53403

- Built-in speed regulator, rear exhaust muffler, lever throttle.
- Optional 54585 Side Handle Assembly available.
- Sample PSA 9-micron micro-finishing film discs are included.

3,200 RPM

Model 53400

- 54028 Random Orbital Sanding Head accepts sanding pads which have 1/4"-20 female thread.
- 1-1/4" dia. "medium" density pad (54018) has 1/4"-20 female thread and mounts to sanding head.

Model 53401

- 54029 Random Orbital Sanding Head accepts male locking-type Roloc® pads.
- 1-1/4" dia. "soft" density locking-type pad (54031) has male locking-type thread and mounts to sanding head.

ANGLE-HEAD VERSATILITY KIT

Model 53402

- Includes: 3,200 RPM air tool, 54028 Random Orbital Sanding Head, 54018 Sanding Pad, 54029 Random Orbital Sanding Head, 54031 Sanding Pad, 50107 Sanding Pad, 54021 Adapter, sample 2" dia. sanding discs, 54030 Locking-Type Rotary Sanding Head, 50055 Collet (1/4").

Not shown: Abrasives – 3/4" and 1-1/4" dia. 9-micron (1000-grit) micro-finishing film discs; assorted wrenches.

- Tool accepts 1/4"-28 threaded drill bits. (Not included).

SANDER/BUFFER VERSATILITY KIT

Model 53403

- Includes: 3,200 RPM air tool, 54028 Random Orbital Sanding Head, 50120 Hook 'n Loop Pad for Bonnets, 54018 Sanding Pad, 54021 Adapter, 90028 Wool Bonnet, assorted wrenches, 90027 Terry Cloth Bonnet, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, 54017 Sanding Pad and sample abrasives.

NOTES:

ABRASIVE CAPACITY

- 3/4" and 1-1/4" diameter discs.

TUNE-UP KIT

- Part Number 96333.

ACCESSORIES

- See page K-9 for a complete listing of sanding heads and disc pads.

Roloc is a registered trademark of 3M Company

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53400	.4 (298)	3,200	83 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	10-7/8 (276)	2-3/4 (70)
53401	.4 (298)	3,200	83 dB(A)	3/21 (651)	1/4 (6)	1/4" NPT	1/4"-28 Male	1.9 (.9)	10-7/8 (276)	2-3/4 (70)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Note: For Model 53400, the sanding head mounts to tool's 1/4"-28 female thread exposing 1/4"-20 male thread to accept pad

Right Angle Mini-Dynorbital® Sander Air Powered Random Orbital Sander

- Built-in speed regulator, rear exhaust muffler, lever throttle.
- Heavy duty gear head.
- Optional 54585 Side Handle Assembly available.
- Sample PSA 9-micron micro-finishing film discs.

3,200 RPM

Model 53415

- Includes 54035 Sanding Head (accepts 3" and smaller dia. sanding pads with male locking-type threads such as 3M Roloc).
- 54031 "soft" density, male locking-type pad, accepts PSA-backed micro-finishing film discs.

Model 53417

- 54034 Random Orbital Sanding Head accepts sanding pads which have 1/4"-20 female thread. NOTE: the sanding head mounts to tool's 3/8"-24 male thread exposing 1/4"-20 male thread to accept pad.
- 1-1/4" dia. "medium" density locking-type pad (54018) has 1/4"-20 female thread which mounts to sanding head.

SANDER/BUFFER VERSATILITY KIT

Model 53465

- Our versatility kit has all you need for quick, simple spot repair on painted surfaces.
- Includes: Model 53417 – 3,200 RPM air tool, 54034 Random Orbital Sanding Head, 50122 Hook 'n Loop Pad For Bonnets, 54018 Sanding Pad, 54017 Sanding Pad, 90028 Wool Bonnet, 90027 Terry Cloth Bonnet, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, assorted wrenches, and sample abrasives.

Model 53415 ▼



Model 53465



NOTES:

ABRASIVE CAPACITY

- 3/4" and 1-1/4" diameter discs.

TUNE-UP KIT

- Part Number 96333.

ACCESSORIES

- See page K-9 for a complete listing of sanding heads and disc pads.

Model 53415



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53415	.4 (298)	3,200	84 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Male	1.9 (.9)	7 (289)	2-3/4 (70)
53417	.4 (298)	3,200	84 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Male	1.9 (.9)	7 (289)	2-3/4 (70)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Note: For Model 53417, the sanding head mounts to tool's 1/4"-28 female thread exposing 1/4"-20 male thread to accept pad.

Electric Dynorbital® Sander

120-Volt Electric Powered Random Orbital Sander

Ideal solution when access to compressor isn't available



- Repositionable side handle for left or right hand operation.
- Double-insulated electric motor with 8 ft. cord connects to standard 120-volt outlet.
- All models include a vacuum shroud that becomes operational when vacuum style pad (included) is mounted.

CENTRAL VACUUM-READY

- Has 1" diameter vacuum port for easy central vacuum hose hook-up.

5" Diameter Models

Model 59302

3/8" Dia. Orbit

- Includes 56104 Vinyl-Face Vacuum Pad.

Model 59304

3/16" Dia. Orbit

- Includes 56104 Vinyl-Face Vacuum Pad.

3/8" (10 mm) Dia. Orbit

For Aggressive Sanding



3/16" (5 mm) Dia. Orbit

For General Sanding



6" Diameter Models

Model 59303

3/8" Dia. Orbit

- Includes 56105 Vinyl-Face Vacuum Pad.

Model 59305

3/16" Dia. Orbit

- Includes 56105 Vinyl-Face Vacuum Pad.



NOTES:

ABRASIVE CAPACITY

- 5" and 6" dia. discs.

ACCESSORIES

- See the Accessories Section for a complete listing of high quality, weight-mated sanding pads.



TECH TIP

- Central vac-ready models connect to 1" vacuum port of central vacuum systems.

Model Number	Motor HP (W)	Motor RPM	Pad Diameter Inch (mm)	Voltage	Current	Phase	Frequency	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
59302	1 (744)	12,000	5 (127)	120 V (AC)	5 Amps	1	60 Hz	4.9 (2.2)	11-3/4 (298)	4-1/2 (114)
59303	1 (744)	12,000	6 (152)	120 V (AC)	5 Amps	1	60 Hz	4.9 (2.2)	11-3/4 (298)	4-1/2 (114)
59304	1 (744)	12,000	5 (127)	120 V (AC)	5 Amps	1	60 Hz	4.9 (2.2)	11-3/4 (298)	4-1/2 (114)
59305	1 (744)	12,000	6 (152)	120 V (AC)	5 Amps	1	60 Hz	4.9 (2.2)	11-3/4 (298)	4-1/2 (114)

Additional Specifications: Hose Size 3/8" (10 mm) • Tool Thread 5/16"-24 Male



Continued Leadership in Portable Abrasive Power Tool Technology

Gear-Driven and Finishing Sanders

www.dynabrade.com



DynaLocke™ Dual Action Sander E-1
 Gear-Driven Sander E-2
 Dynafine™ Detail Sander E-3
 Dynafine "Backsplash" Sander E-4

Dynabug "Model T" Sander E-5
 Dynabug Orbital Sander E-7
 Dynaline Sander E-8
 11" Long File Board Sander E-9



DynaLocke™ Dual Action Sander

Combination Air Powered Random Orbital Sander and Disc Sander

Model 58430 ▼



3/16" (5 mm) Dia. Random Orbit
For General Sanding



Rotary Orbit
For Grinding and Stripping



- Dial switch allows for easy change-over from random orbital to rotary action!
- Ideal for metal applications; great on composite materials; excellent for automotive work - paint stripping and blending; level glue seams on Corian®.
- Uses vinyl-face and hook-face sanding pads that are perfectly balanced and weight-mated for smooth performance. See Accessories Section for complete sanding pad listing.
- Includes safety-lock throttle lever.

NON-VACUUM

Model 58430

5" Diameter

- Includes 56106 Vinyl-Face Pad.

Model 58435

6" Diameter

- Includes 56107 Vinyl-Face Pad.

SELF-GENERATED VACUUM-READY

- Ready for connection to optional, portable, self-contained dust collection systems (see page K-25).

Model 58431

5" Diameter

- Includes 56104 Vinyl-Face Pad.

Model 58436

6" Diameter

- Includes 56105 Vinyl-Face Pad.

CENTRAL VACUUM-READY

- Has 1" diameter vacuum port for easy central vacuum hose hook-up.

Model 58434

5" Diameter

- Includes 56104 Vinyl-Face Pad.

Model 58439

6" Diameter

- Includes 56105 Vinyl-Face Pad.

NOTES:

ABRASIVE CAPACITY

- 5" and 6" PSA and hook-face discs.

ACCESSORIES

- For best performance use 95676 Coupler/Plug Assembly.

TUNE-UP KIT

- Part Number 98220.

TECH TIP

- Make sure tool is completely stopped before switching from one sanding action to the other.

Corian is a trademark of DuPont

Model Number	Motor HP (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58430	.45 (336)	12,000	5 (127)	82 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.7 (1.2)	11-1/16 (280)	5-1/8 (131)
58431	.45 (336)	12,000	5 (127)	82 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.6 (1.2)	11-1/16 (280)	5-1/8 (131)
58434	.45 (336)	12,000	5 (127)	82 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.6 (1.2)	11-1/16 (280)	5-1/8 (131)
58435	.45 (336)	12,000	6 (152)	82 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.8 (1.3)	11-1/2 (293)	5-1/8 (131)
58436	.45 (336)	12,000	6 (152)	85 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.7 (1.2)	11-1/2 (293)	5-1/8 (131)
58439	.45 (336)	12,000	6 (152)	85 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.7 (1.2)	11-1/2 (293)	5-1/8 (131)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Gear-Driven Sander

Air Powered Gear-Driven Sander

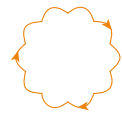
900 RPM slow-speed sander

- Ergonomically designed for low vibration and reduced sound levels.
- Excellent comfort and control, especially when working on vertical sides or large tabletops. Long handle allows for two-hand support of tool.
- Applications include removal and leveling of large amounts of filler materials such as glue or epoxy; remove small welds; prepare and surface condition prior to paint; remove coatings. Use on materials including metal, solid surfaces, wood and fiberglass.
- Includes low profile, perfectly balanced and weight-mated premium urethane sanding pad. Pad screw-mounts to tool. See Accessories Section for complete sanding pad listing.

Model 58441 ▼



Epicycloidal Pattern
Gear-Driven Tools



NON-VACUUM

Model 58441

5" Diameter

- Includes 57760 Hook-Face Sanding Pad.

Model 58442

6" Diameter

- Includes 57762 Vinyl-Face Sanding Pad.

Model 58445

8" Diameter

- Includes 56234 Vinyl-Face Sanding Pad (no holes).

CENTRAL VACUUM-READY

- Designed for exclusive use with central vacuum system.
- Combination lip-seal shroud/overskirt allows operator greater workpiece visibility and enhanced vacuum capability.
- Dust is extracted away from air motor (reducing contamination) for a smoother, easier path of extraction.
- Anti-clog design is advantageous when sanding damp filler material.

Model 58443

6" Diameter

- Includes 57763 Vinyl-Face Sanding Pad (6 holes).

Model 58444

6" Diameter

- Includes 57766 Hook-Face Sanding Pad (8 holes).

Model 58446

8" Diameter

- Includes 56235 Vinyl-Face Sanding Pad.



Model 58446 ▲



Model 58446

ABRASIVE CAPACITY

- 5", 6" and 8" diameter discs.

TUNE-UP KIT

- Part Number 98221.

TECH TIP

- Try this tool with our channel-vac pads (page K-13) for greater vacuum capability.

Model Number	Motor HP (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58441	.45 (336)	900	5 (127)	79 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3.6 (1.7)	11-1/16 (281)	5-10/16 (143)
58442	.45 (336)	900	6 (152)	78 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3.6 (1.7)	11-1/2 (293)	5-5/8 (141)
58443	.45 (336)	900	6 (152)	79 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3.8 (1.7)	11-1/2 (293)	5-5/8 (141)
58444	.45 (336)	900	6 (152)	80 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3.8 (1.7)	11-1/2 (293)	5-5/8 (141)
58445	.45 (336)	900	8 (203)	80 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3.9 (1.8)	12-1/2 (319)	5-9/16 (142)
58446	.45 (336)	900	8 (203)	81 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	4.3 (2.0)	12-1/2 (319)	5-9/16 (142)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynafine™ Detail Sander

Air Powered Finishing Sander

Excellent for use in tight corners



Model 57900 ▲



Model 57910

Lightweight...
Only 1.6 lbs.
(.7 kg)

Model 57900

- Excellent for cleaning wood edges and corners.
- Ideal for use on furniture, shutters, moldings, door jambs, metal parts and much more.
- Features 1/32" dia. orbital action for superior finishes.
- Handle is offset 7° for greater operator comfort and control.
- Includes tool with triangular and tear-drop hook-face pads.
- Uses reattachable and PSA mounted coated, non-woven nylon and sponge abrasives.

VERSATILITY KIT

Model 57910

- Includes 57900 tool with hook-face and PSA pads and an assortment of coated and non-woven nylon abrasives.

ABRASIVE CAPACITY

- 3-3/4" x 2-3/8" tear drop discs.
- 2-7/8" x 3-1/8" triangular discs.

TUNE-UP KIT

- Part Number 96236.

ACCESSORIES

- For best performance use 95676 Coupler/Plug Assembly.

Dynafine™ Finger Sander

Air Powered Finishing Sander

Excellent for use in hard-to-reach areas



Model 57930 ▲



Model 57930

Lightweight...
Only 1.6 lbs.

Model 57930

- Ideal for use on wood, metal, varnished surfaces, non-ferrous metals, stone, glass, marble, plastic, composites, painted surfaces and more!
- Handle is offset 7° for greater operator comfort and control.
- 1/32" dia. orbital action for fine finishes.
- Includes tool with 57932 Sanding Arm and an assortment of abrasives.

NOTES:

ABRASIVE CAPACITY

- 3/8" x 2" strips.
- 3/4" x 2" strips.

TUNE-UP KIT

- Part Number 96236.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57930	.12 (89)	15,000	65 dB(A)	3/20 (566)	1/4 (6)	1/4" NPT	1.6 (.7)	11-3/4 (298)	4 (102)
57900	.12 (89)	15,000	65 dB(A)	3/20 (566)	1/4 (6)	1/4" NPT	1.6 (.7)	9 (229)	3-3/4 (95)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynafine™ “Backsplash” Sander Air Powered Finishing Sander

A must for all solid surface fabricators

**Lightweight...
Only 1.6 lbs.**

Model 58000

- Includes 58021 and 58024 Backsplash Pads.
- Excellent for fabricating solid surface covered backsplashes, ideal for cleaning metal edges and corners.
- Air motor features 1/32" diameter orbital action for a superior finish.
- Low profile housing for greater operator control to work in hard-to-reach areas. Handle is offset 7° for greater operator comfort and control.
- Includes 94407 Dynaswivel® with fingertip air-flow control dial.



Model 58000 ▲

VERSATILITY KIT

Model 58010

- Includes tool with all five sanding pads shown below and an assortment of PSA mounted abrasives.

STANDARD SANDING PADS

(Included with tool)

Part No. 58021

- 3/8" Radius



Part No. 58024

- 3/4" Reverse Radius



OPTIONAL SANDING PADS

Part No. 58020

- 1/4" Radius



Part No. 58022

- 1/2" Radius



Part No. 58023

- 5/8" Radius



NOTES:

ABRASIVE CAPACITY

- 3-1/2" x 2-3/4" PSA-mounted abrasive sheets.

ACCESSORIES

- For best performance use 95676 Coupler/Plug Assembly.

TUNE-UP KIT

- Part Number 96236.



Model 58000 with 58024 Pad



Model 58000 with 58021 Pad

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58000	.12 (89)	15,000	65 dB(A)	3/20 (566)	1/4 (6)	1/4" NPT	1.6 (.7)	9 (229)	3-3/4 (95)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynabug "Model T" Sander

Air Powered Orbital Finishing Sander



Model 57920 ▼



- 3/32" diameter orbital action ideal for fine finishes.
- Lightweight...only 1 lb.!! Palm-style, ergonomic design features low profile grip for greater operator comfort and control.
- Operates 8-9 SCFM at 90 PSIG. Can be run by as little as 5 horsepower compressor.
- Low maintenance – easy to repair. Turbine-style vaneless air motor needs no oil!
- Easy interchangeable sanding pads. Uses reattachable and PSA-backed abrasive sheets and discs; coated and non-woven nylon.

NON-VACUUM

4" x 4-5/16" Pad (with clips)

Model 57920

- Includes 57999 Vinyl-Face Pad.

4-1/4" x 4-1/2" "Quarter-Sheet" Pad

Model 57923

- Includes 57998 Hook-Face Pad.

Model 57925

- Includes 56244 Vinyl-Face Pad.

Model 57922 ▲



5" Diameter Pad

Model 57922

- Includes 56249 Vinyl-Face Pad.

Model 57924

- Includes 56248 Hook-Face Pad.

6" Diameter Pad

Model 57926

- Includes 56269 Vinyl-Face Pad.

Model 57927

- Includes 56268 Hook-Face Pad.

Model 57924



NOTES:

ABRASIVE CAPACITY

- 4-1/2" x 5-1/2" sheets.
- 4-1/2" x 4-1/4" PSA or hook-face discs.
- 5" and 6" diameter PSA or hook-face discs.

TUNE-UP KIT

- Part Number 96169.

ACCESSORIES

- For best performance use 95676 Coupler/Plug Assembly.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57920	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.45)	5 (127)	3 (76)
57923	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57925	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57922	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57924	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5-1/2 (140)	3 (76)
57926	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57927	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynabug "Model T" Sander Air Powered Orbital Finishing Sander

SELF-GENERATED VACUUM-READY

4-1/4" x 4-1/2" "Quarter-Sheet" Pad

- Ready for connection to optional, portable, self-contained dust collection systems (see page K-25).
- Has 1" dia. vacuum port for easy vacuum hose hook-up.

Model 58070

- Includes 56286 Vinyl-Face Vacuum Pad.

Model 58075

- Includes 56285 Hook-Face Vacuum Pad.

CENTRAL VACUUM-READY

4-1/4" x 4-1/2" "Quarter-Sheet" Pad

- Has 1" diameter vacuum port for easy central vacuum hose hook-up.

Model 57928

- Includes 56286 Vinyl-Face Vacuum Pad.

Model 57929

- Includes 56285 Hook-Face Vacuum Pad.

NOTES:

ABRASIVE CAPACITY

- 4-1/4" x 4-1/2" PSA or hook-face discs.
- Abrasive rolls may also be used.

TUNE-UP KIT

- Part Number 96169.

ACCESSORIES

- See page K-25 for a complete listing of optional dust collection systems.



Model 58070 ▼



Model 57928 ▼



Model 57928



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58070	N/A	16,000	83 dB(A)	2/17 (255)	1/4 (6)	1/4" NPT	1.5 (.7)	8 (203)	4 (102)
58075	N/A	16,000	83 dB(A)	2/17 (255)	1/4 (6)	1/4" NPT	1.5 (.7)	8 (203)	4 (102)
57928	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)
57929	N/A	20,000	72 dB(A)	1/9 (255)	1/4 (6)	1/4" NPT	1 (.5)	5 (127)	3 (76)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynabug Orbital Sander

Air Powered "Jitter-Bug" Type Orbital Finishing Sander

Featheredge, finish, sand and blend

Model 57810 ▼



Model 57811 ▼



Model 57814 ▼



Model 57810



- 3/32" dia. orbit.
- Powerful 10,000 RPM air motor utilizes 16 SCFM at 90 PSIG.
- Compact size and lightweight. Excellent for sanding restricted areas and vertical sides.
- Tools have clips to accept traditional 3-2/3" x 9" abrasive sheets (rolls also available).

NON-VACUUM

Model 57810

- Includes premium 57580 Vinyl-Face Sanding Pad for PSA abrasives.

SELF-GENERATED VACUUM-READY

Model 57811

- Ready for connection to optional, portable, self-contained dust collection systems (see page K-25).
- Includes premium 57855 Vinyl-Face Sanding Pad for PSA abrasives.

CENTRAL VACUUM-READY

Model 57814

- Has 1" diameter vacuum port for easy central vacuum hose hook-up.
- Includes premium 57855 Vinyl-Face Sanding Pad for PSA abrasives.

NOTES:

ABRASIVE CAPACITY

- 3-2/3" wide x 9" long, with clips.
- 3-2/3" wide x 7" long, PSA or hook-face sheets and rolls.

ACCESSORIES

- See page K-25 for a complete listing of optional dust collection systems.



TUNE-UP KIT

- Part Number 96024.

TECH TIP

- Easily convert PSA rolls into vac-ready abrasives by using the 57476 Punch Plate for 3-2/3" x 7" pads.



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57810	.24 (179)	10,000	80 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	2.8 (1.3)	7-1/4 (184)	4-1/4 (108)
57811	.24 (179)	10,000	83 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	2.6 (1.2)	7-1/4 (184)	4-1/4 (108)
57814	.24 (179)	10,000	80 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	2.6 (1.2)	7-1/4 (184)	4-1/4 (108)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynaline Sander

Air Powered In-Line Finishing Sander

Ideal for working on wood, metals, composites and solid surfaces

- Uses PSA coated and non-woven nylon sheets and rolls.
- Quality constructed pad is weight-mated and perfectly-balanced to counter balancer for smooth operation and superior finishes.

NON-VACUUM

Model 57400

- Includes 2-3/4" wide x 8" long vinyl-face non-vacuum sanding pad (57454).

NON-VACUUM MODEL WITH CLIPS

Model 57407

- Includes 2-3/4" wide x 8" long vinyl-face non-vacuum sanding pad with clips (57460).
- Uses abrasives 2-3/4" wide x 11" long.



SELF-GENERATED VACUUM-READY

Model 57401

- Ready for connection to optional, portable, self-contained dust collection systems (see page K-25).
- Includes 2-3/4" wide x 8" long vinyl-face, vacuum sanding pad (57455).

CENTRAL VACUUM-READY

Model 57404

- Has 1" diameter vacuum port for easy central vacuum hose hook-up.
- Includes 2-3/4" wide x 8" long vinyl-face, vacuum sanding pad (57455).

VERSATILITY KIT

Model 57405

- Includes 57400 Dynaline; 57582 Sanding Pad (3-2/3" wide x 7" long premium urethane, long nap, hook-face pad); medium grade (94951) and very fine (94956) abrasive impregnated non-woven nylon sheets.

ABRASIVE CAPACITY

- 2-3/4" and 3-2/3" wide abrasive sheets and rolls.

TUNE-UP KIT

- Part Number 96107.

ACCESSORIES

- Create custom profile pads with the 57480 Make Your Own Pad Kit.
- 57494 Refill Kit also available.



Model 57400 ▲



Model 57407 ▼



Model 57404 ▼



Model 57400



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57400	.3 (186)	N/A	85 dB(A)	3/18 (510)	1/4 (6)	1/4" NPT	2.6 (1.2)	7 (178)	3-3/4 (95)
57401	.3 (186)	N/A	84 dB(A)	3/18 (510)	1/4 (6)	1/4" NPT	2.6 (1.2)	7 (178)	3-3/4 (95)
57404	.3 (186)	N/A	85 dB(A)	3/18 (510)	1/4 (6)	1/4" NPT	2.6 (1.2)	7 (178)	3-3/4 (95)
57407	.3 (186)	N/A	85 dB(A)	3/18 (510)	1/4 (6)	1/4" NPT	2.6 (1.2)	7 (178)	3-3/4 (95)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

11" Long File Board Sander

Air Powered In-Line Finishing Sander

Ideal for work on wood, metals, composites and solid surfaces



Model 51350 ▼

Model 51350

- File board excellent for industrial graining of stainless steel.
- Tool features high quality gear for smooth-running performance.
- For use with PSA coated and non-woven sheets and rolls.
- Includes 2-3/4" wide x 11" long 57512 Premium Urethane PSA Sanding Pad with Clips. Also accepts 2-3/4" wide x 11" long pads without clips and 2-3/4" wide x 8" long non-vac pads, see Accessories Section.

NOTES:



Model 51350

ABRASIVE CAPACITY

- 2-3/4" and 3-2/3" wide abrasive sheets and rolls.

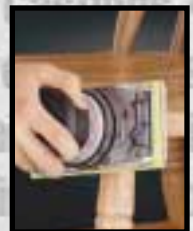
TUNE-UP KIT

- Part Number 96531.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51350	.3 (186)	N/A	84 dB(A)	3/18 (510)	1/4 (6)	1/4" NPT	3.1 (1.4)	11 (279)	3-3/4 (95)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

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Wet Sanding Tools

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Wet Dynorbital® Supreme SanderF-1
Right Angle Wet SanderF-3

Wet Dynabug® "Model T" SanderF-4

Wet Dynorbital® Supreme Sander

Air Powered Wet Sander

For polishing and finishing flats and sides



- Adjustable water feed.
- Overskirt shroud is standard on all machines to control water splash.
- Uses diamond abrasive discs as well as microfinishing film and conventional wet discs.
- Includes short nap, hook 'n loop, non-vac (3/8" thick) pad.

BASIC MODELS

- For those not requiring "through-the-tool" water feed (for those who prefer to use a garden hose or spray bottle).

3-1/2" Diameter

Model 57570

3/16" Orbit

- Includes 54311 Hook-Face Pad.

5" Diameter

Model 57572

3/16" Orbit

- Both models include 54325 Hook-Face Pad.

Model 57582

3/32" Orbit

6" Diameter

Model 57574

3/16" Orbit

- Both models include 54327 Hook-Face Pad.

Model 57584

3/32" Orbit

NOTES:

ABRASIVE CAPACITY

- 3-1/2", 5" and 6" diameter discs.

TUNE-UP KIT

- Part Number 96018.

TECH TIP

- After using your wet tool, wipe the tool down with a clean, dry rag and let dry.

Model Number	Motor HP (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57570	.24 (179)	10,000	3-1/2 (89)	76 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6 (152)	3-3/4 (95)
57572	.24 (179)	10,000	5 (127)	77 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
57574	.24 (179)	10,000	6 (152)	74 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.2 (1.0)	7 (178)	3-1/2 (89)
57582	.24 (179)	10,000	5 (127)	77 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
57584	.24 (179)	10,000	6 (152)	74 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.2 (1.0)	7 (178)	3-1/2 (89)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Wet Dynorbital® Supreme Sander (CONT'D)

Air Powered Wet Sander

For polishing and finishing flats and sides

DELUXE MODELS

- 1/4" diameter x 11' long water line and 1/4" diameter x 10' long air line — inside a pipe-away overhose!
- Adjustable "water feed" valves at two locations: one near the water source connection and another at the tool. This permits more control as one valve can be pre-set to any desired flow rate and the other utilized as an on/off valve.

3-1/2" Diameter

Model 57571

3/16" Orbit

- Includes 54311 Hook-Face Pad.

5" Diameter

Model 57573

3/16" Orbit

- Both models include 54325 Hook-Face Pad.

Model 57583

3/32" Orbit

6" Diameter

Model 57575

3/16" Orbit

- Both models include 54327 Hook-Face Pad.

Model 57585

3/32" Orbit

ABRASIVE CAPACITY

- 3-1/2", 5" and 6" diameter discs.

TUNE-UP KIT

- Part Number 96018.

TECH TIP

- Wet random orbital sanders can finish-sand painted surfaces in a third of the time leaving a better finish for buffing.

Model 57571 ▼



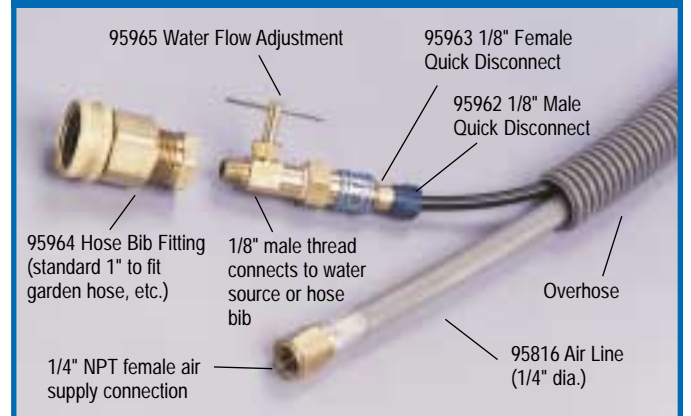
Model 57585



Connections to Deluxe Tools



Water and Air Source Connections



Model Number	Motor HP (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57571	.24 (179)	10,000	3-1/2 (89)	76 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6 (152)	3-3/4 (95)
57573	.24 (179)	10,000	5 (127)	77 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
57575	.24 (179)	10,000	6 (152)	74 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.2 (1.0)	7 (178)	3-1/2 (89)
57583	.24 (179)	10,000	5 (127)	77 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.1 (1.0)	6-1/2 (165)	3-5/8 (92)
57585	.24 (179)	10,000	6 (152)	74 dB(A)	2/16 (453)	1/4 (6)	1/4" NPT	5/16"-24 Female	2.2 (1.0)	7 (178)	3-1/2 (89)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Right Angle Wet Sander

Air Powered Wet Sander

For slow-speed polishing, buffing and finishing

Model 51474 ▼



Model 51474



- Rear exhaust muffler reduces noise levels. Conventional rotary action with lubricated gears. High torque air motor has variable speed.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).
- Center water feed—water is fed through the center of pad directly to the work surface, providing optimum flushing of work surface and pad. This prevents build-up of sanding residue on the disc allowing the tool to be used efficiently in any position. Independent water rinse allows flushing of the work surface without starting the tool.
- Uses variety of abrasive products including Wet or Dry® discs, Scotch-Brite® surface conditioning discs and film-backed discs.
- All models can mount 5", 6", or 8" diameter pads. Pads sold separately.

BASIC MODELS

Model 51474

0-2,000 RPM

Model 51476

0-3,100 RPM

- Without pre-assembled hook-ups for those not requiring "through-the-tool" water feed (for those who prefer to use a garden hose or spray bottle).

DELUXE MODELS

Model 51479

0-3,100 RPM

- Includes pre-assembled hook-ups and an overhose assembly (further reduces sound level); 96323 Air Line 3/8", 95848 Gear Oil (2.5 oz. tube) and 95541 Grease Gun.

NOTES:

ABRASIVE CAPACITY

- 5", 6" and 8" diameter discs.

TUNE-UP KIT

- Part Number 96178.

TECH TIP

- Wet random orbital sanders can finish-sand painted surfaces in a third of the time leaving a better finish for buffing.

Model Number	Motor HP (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51474	.7 (522)	0-2,000	6 (152)	82 dB(A)	6/43 (1,218)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51476	.7 (522)	0-3,100	6 (152)	80 dB(A)	6/41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.8 (2.2)	13 (330)	3-1/8 (79)
51479	.7 (522)	0-2,000	6 (152)	81 dB(A)	6/43 (1,218)	3/8 (10)	1/4" NPT	M14 Male	4.8 (2.2)	13 (330)	3-1/8 (79)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Wet Dynabug® "Model T" Sander

Air Powered Orbital Finishing Sander

Excellent on primer and clear coat

- Each model includes all hardware for self-siphoning with 20 ft. of water hose.
- Lightweight...only 1.5 lbs.! Palm-style, ergonomic design features low profile grip for greater operator comfort and control.
- Up to 3/16" diameter orbital action with adjustable speed control.
- 20,000 RPM motor never needs oil!
- 5" and 6" pads are interchangeable.
- Fast, smooth and uniform surface preparation; reduces labor time.
- Our unique water feed "through-the-pad" design allows use of standard round wet paper with holes. No special sand paper or hole punch needed!
- Fingertip control valve allows for precise water flow.

Model 57908

5" Diameter

- Includes standard 58086 Hook-Face Pad and soft 56247 Interface Pad for contours.

Model 57909

6" Diameter

- Includes standard 58086 Hook-Face Pad and soft 56247 Interface Pad for contours.



NOTES:

ABRASIVE CAPACITY

- 5" and 6" diameter discs.

TUNE-UP KIT

- Part Number 96169.

TECH TIP

- Brass weight drops into bucket for ease of use.

ACCESSORIES

- 95990 Portable Wet Tank Assembly available.



Model Number	Motor HP (W)	Motor RPM	Pad Dia. Inch (mm)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57908	N/A	20,000	5 (127)	72 dB(A)	2/17 (481)	1/4 (6)	1/4" NPT	1.5 (0.7)	8 (203)	4 (102)
57909	N/A	20,000	6 (152)	72 dB(A)	2/17 (481)	1/4 (6)	1/4" NPT	1.5 (0.7)	8 (203)	4 (102)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Continued Leadership in Portable Abrasive
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Buffers and Polishers

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Palm-Style Buffer	G-1	7° Offset Buffer/Polisher	G-4
Angle-Head Buffer	G-2	Right Angle Buffer/Polisher	G-5
Dynabuffer	G-3	Straight Line Buffer/Polisher	G-6
Two-Step Polishing System	G-3		

Palm-Style Buffer

Air Powered Buffering Tool

Remove dust nibs and scratches on base coat/clear coat paint systems

3" DIAMETER

Model 57550

2,400 RPM

- Excellent for buffing and polishing fiberglass, plastics and other materials.
- Low profile housing; rear exhaust; speed lever throttle.
- Includes 50125 rigid 3" backing pad, terry cloth pad and wool pad.
- For best performance use 95676 Coupler/Plug Assembly.



SANDER/BUFFER VERSATILITY KIT

Model 57553

- Mini random orbital sander; 3" buffer; 3-1/2" disc sander.
- Remove dust nibs and scratches on base coat/clear coat!
- Quick, simple spot repair on painted surfaces.
- Includes: 2,400 RPM basic tool; 54476 Mini-Orbital Head; 3" backing pad; 1-1/4" and 3-1/2" dia. vinyl-face pads; 3" dia. terry cloth bonnet, wool bonnet and foam "flat face" pad; 95723 Dynabrade Finesse-It Creme; 95727 Dynabrade Glaze, sample discs and sample abrasive pack.

Model 57553 ▼



NOTES:

ABRASIVE CAPACITY

- 3" dia. terry cloth, wool and foam buffs. See page K-8 for a complete listing.

ACCESSORIES

- See page K-8 complete list of hook-face disc pads.

TUNE-UP KIT

- Part Number 96107.

TECH TIP

- Use Dynabrade Finesse Sanding Cream and Dynabrade Glaze to achieve a superior high gloss finish after compounding.



Roloc is a registered trademark of 3M Company

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57550	.25 (186)	2,400	82 dB(A)	3/18 (510)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.9 (.9)	5-3/8 (137)	4-1/4 (108)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Angle-Head Buffer

Air Powered Buffing Tool

Remove dust nibs and scratches on base coat/clear coat paint systems



Model 53440 ▲

Model 53403 ▼



Model 53440

3" DIAMETER

Model 53440

3,200 RPM

- Rear exhaust, lever throttle, conventional rotary action.
- Has 50120 Hook 'n Loop Pad, 3" dia. to mount bonnets.
- Pad has 1/4"-20 female thread with mounted 54021 Adapter (included).
- Includes 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.

SANDER/BUFFER VERSATILITY KIT

Model 53403

- Includes: 3,200 RPM air tool, 54028 Random Orbital Sanding Head, two sanding pads, 50120 Hook 'n Loop Pad for bonnets, 54021 Adapter, wool and terry cloth bonnets, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, assorted wrenches and sample abrasives.

NOTE: Optional 54585 Side Handle Assembly available.

NOTES:

ABRASIVE CAPACITY

- 3" dia. terry cloth, wool and foam buffs. See page K-8 for a complete listing.

ACCESSORIES

- See page K-8 for complete list of hook-face disc pads.

TUNE-UP KIT

- Part Number 96333.

TECH TIP

- Tool has 1/4"-28 female thread with 54021 Adapter removed.



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53440	.4 (298)	3,200	83 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	1/4"-20 Female	1.9 (.9)	11-3/8 (289)	2-3/4 (70)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynabuffer

Air Powered Buffing Tool

Ideal for use with Two-Step Polishing System

DYNABUFFER

- Features a 14 mm diameter offset orbit.
- Tools run at 10,000 RPM free speed.
- Patented balancer compensates for vibration when running under load resulting in a smooth operating performance. (Patent 6,206,771).
- Rear exhaust muffler design reduces sound levels.
- For best performance use 95676 Coupler/Plug Assembly.

3" DIAMETER

Model 57126

- Excellent for buffing out sanding scratches.
- Tool slows to 7,000 RPM when running under load.
- Non-marring housing cover is insulated for operator comfort.
- Throttle lever may be positioned for right or left hand operation. Optional 01462 Safety-Lock Lever available.
- Includes 97166 Hanger Bracket and 56145 Backup Pad.
- Optional 53163 Side Handle available.

5" DIAMETER

Model 57240

Model 57245

- 57240 with hanger bracket.
- Tool slows to 5,000 RPM when running under load.

ABRASIVE CAPACITY

- 3" and 5" dia. polishing buffs, see page K-8.

ACCESSORIES

- See page K-8 for optional hook-face disc pads.

TUNE-UP KIT

- Model 57126: Tune-Up Kit 96537;
- Models 57240 and 57245: Tune-Up Kit 96122.



Model 57126 ▲



Model 57240 ▲

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Pressure PSIG (Bar)	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
57126	.16 (119)	7,000	74 dB(A)	3/20 (566)	3/8 (10)	80 (5.5)	5/16"-24 Female	2.0 (0.9)	8-1/4 (210)	3-1/8 (80)
57240	.36 (270)	5,000	79 dB(A)	3/20 (566)	3/8 (10)	90 (6.2)	5/16"-24 Female	2.7 (1.2)	10-1/4 (260)	4-1/2 (114)

Additional Specifications: Air Inlet Thread 1/4" NPT

"Two-Step" Polishing System

Remove Minor Surface Defects that Protrude Through Clearcoat

STEP ONE

- Using Model 57502 Mini-Random Orbital Sander, place the sanding disc slightly off-center of the defect with slight pressure on the pad. Throttle the tool on and sand in a random pattern for 2-5 seconds. Water must be used for sanding lubrication. Apply water directly to the disc. Keep the sanding pad flat while sanding. Throttle the tool off and remove from surface. Let the tool and the abrasive do the work. Keep the area sanded as small as possible. Wipe the area clean when finished with a clean non-scratching cloth.



STEP TWO

- Apply a small drop of polishing compound. Using Dynabuffer (3" or 5" dia. models), use the buff to spread compound evenly over spot (note: precondition pad by evenly spreading compound directly on pad). Place the buff on the sanding area. Apply approx. 10 lbs. of force to the work surface, throttle the tool on, adjust force as required, and buff in a random pattern for 5-10 seconds. Keep buff flat or slightly tipped forward. Feather the area with lighter pressure for two seconds. Wipe the area clean with non-scratching cloth and inspect. If scratches are still visible, re-polish as needed.



7° Offset Design Buffer/Polisher

Air Powered Buffering Tool

Excellent for buffing and polishing fiberglass, plastics and other materials



Model 51430 ▲



Model 51211 ▼



◀ Model 51405

ABRASIVE CAPACITY

- 3", 5" and 6" dia. buffing and polishing accessories.

TUNE-UP KIT

- Models 51450, 51451, 51454, 51455: Tune-Up Kit 96234; all other models this page: Tune-Up Kit 96174.

ACCESSORIES

- Collet models accept shank-mounted buffing and polishing accessories.

7° OFFSET, REAR EXHAUST

- 7° offset ergonomic design for control and comfort.
- High torque planetary-gear air motor; muffler reduces sound level.
- Conventional rotary action.

3" Diameter Models

3/8"-24 Male Thread

Model 51400

3,200 RPM

Model 51401

5,000 RPM

- Includes: 50126 Hook-Face Pad, 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.

5" Diameter Models

3/8"-24 Male Thread

Model 51430

3,200 RPM

- Includes 50147 Hook-Face Pad and 90040 Foam "Flat Face" Buffing Pad.
- Shown with optional 13141 Side Handle/Collar Assembly.

6" Diameter Models

- Includes safety-lock lever and soft-grip handle.

5/8"-11 Male Thread

Model 51450

3,400 RPM

Model 51451

4,500 RPM

M14 Male Thread

Model 51454

3,400 RPM

Model 51455

4,500 RPM

Collet Models

- Ideal for use with 3", 4" or 5" wire brushes, buffing wheels or related accessories.

1/4" Collet

Model 51211

3,200 RPM

Model 51212

5,000 RPM

6 mm Collet

Model 51214

3,200 RPM

Model 51215

5,000 RPM

VERSATILITY KIT

Model 51405

- Includes: 51400 air tool; 3" hook-face backing pad, terry cloth bonnet, wool bonnet and foam "flat face" pad; Dynabrade Finesse-It Creme; Dynabrade Glaze and 14 mm open end wrench.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51211/51214	.4 (298)	3,200	80 dB(A)	3/24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.1 (.9)	8 (203)	5-1/2 (141)
51212/51215	.4 (298)	5,000	78 dB(A)	3/24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.1 (.9)	8 (203)	5-1/2 (141)
51400	.4 (298)	3,200	80 dB(A)	3/24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (.8)	8-3/4 (222)	4-1/4 (108)
51401	.4 (298)	5,000	78 dB(A)	3/24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (.8)	8-3/4 (222)	4-1/4 (108)
51430	.4 (298)	3,200	80 dB(A)	3/24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.4 (1.1)	9-3/4 (248)	4-1/2 (114)
51450/51454	.7 (522)	3,400	78 dB(A)	6/46 (1,303)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.1 (1.9)	10-4/5 (275)	5-4/5 (148)
51451/51455	.7 (522)	4,500	79 dB(A)	6/46 (1,303)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.1 (1.9)	10-4/5 (275)	5-4/5 (148)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Right Angle Buffer/Polisher

Air Powered Buffing Tool

RIGHT ANGLE, REAR EXHAUST

- High torque air motor has variable speed.
- Lubricated gears; rotary action.

3" Diameter Models - .4 Hp

Model 53460

3,200 RPM

- Includes 90027 Terry Cloth Bonnet and 90028 Wool Buffing Bonnet.
- Has 50122 Hook 'n Loop Pad, 3" dia. to mount bonnets.

6"-8" Diameter Models - .7 Hp

- Ideal for use with optional 6"-8" buffing and polishing accessories.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).

5/8"-11 Male Thread

Model 51470

0-2,000 RPM

Model 51472

0-3,100 RPM

M14 Male Thread

Model 51600

0-2,000 RPM

Model 51601

0-3,100 RPM

SANDER/BUFFER VERSATILITY KIT

Model 53465

- Our kit has all you need for quick, simple spot repair on painted surfaces.
- Includes: 3,200 RPM 53417 Mini-Dynorbital® Random Orbital Sander, 54034 Random Orbital Sanding Head, 50122 Hook 'n Loop Pad For Bonnets, 54018 Sanding Pad, 54017 Sanding Pad, 90028 Wool Bonnet, 90027 Terry Cloth Bonnet, 95723 Finesse Sanding Creme, 95727 Dynabrade Glaze, assorted wrenches, and sample abrasives.
- Refer to the Random Orbital Sander section for the 53417 Mini-Dynorbital® Random Orbital Sander tool specifications.

ACCESSORY KITS

Part Number 50791

6" Diameter

Part Number 50792

8" Diameter

- Includes 50828 - 6" or 50829 - 8" dia. disc pad; 96302 Overhose Assembly (further reduces sound level); 96323 Air Line 3/8"; 95848 Gear Oil 2.5 oz. tube; 95542 Grease; 95541 Grease Gun (2).

NOTE: For aluminum-style housing models (50816, 50823, 50851) order 50797 (6" dia.) or 50798 (8" dia.) Accessory Kit.

ABRASIVE CAPACITY

- 3" dia. polishing buffs.
- 6"-8" dia. polishing buffs.

TUNE-UP KIT

- Model 53460: Tune-Up Kit 96179; all other models on this page: Tune-Up Kit 96178.

Model 53460 ▼



Model 51470 ▼



Model 53465 ▼



Model 53460

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53460	.4 (298)	3,200	81 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.9 (.9)	7 (178)	2-3/4 (70)
51470/51600	.7 (522)	0-2,000	82 dB(A)	6/41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.8 (2.2)	13 (330)	3-1/8 (79)
51472/51601	.7 (522)	0-3,100	80 dB(A)	6/41 (1,161)	3/8 (10)	1/4" NPT	5/8"-11 Male/M14	4.8 (2.2)	13 (330)	3-1/8 (79)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Buffer/Polisher

Air Powered Buffing Tool

Model 51390 ▼



Model 52101 ▼



NOTES:

ABRASIVE CAPACITY

- Shank-mounted buffing and polishing accessories.

TUNE-UP KIT

- 1 Hp tools: Tune-Up Kit 96532;
- .7 Hp tools: Tune-Up Kit 96260;
- .4 Hp tools: Tune-Up Kit 96173

ACCESSORIES

- 13140 Handle/Collar Assembly available for .7 Hp tools; 13141 for .4 Hp tools.

RIGHT ANGLE, REAR EXHAUST

- High torque air motor has variable speed.
- Lubricated gears; rotary action.
- Safety-lock throttle and soft-grip handle (adjusts to left or right hand).

6"-8" Diameter Models - 1 Hp

- Ideal for use with optional 6"-8" buffing and polishing accessories.

5/8"-11 Male Thread

Model 51390	Model 51391
1,250 RPM	1,800 RPM
Model 51392	Model 51393
2,800 RPM	4,500 RPM

M14 Male Thread

Model 51394	Model 51395
1,250 RPM	1,800 RPM
Model 51396	Model 51397
2,800 RPM	4,500 RPM

STRAIGHT-LINE, REAR EXHAUST

- Planetary gear allows tool to run at proper speed under load to maximize abrasive life.

1/4" Collet

Model 51200 - .4 Hp	Model 52100 - .7 Hp
950 RPM	950 RPM
Model 51201 - .4 Hp	Model 52101 - .7 Hp
3,200 RPM	3,400 RPM
Model 51202 - .4 Hp	Model 52102 - .7 Hp
5,000 RPM	4,500 RPM

6 mm Collet

Model 51203 - .4 Hp	Model 52103 - .7 Hp
950 RPM	950 RPM
Model 51204 - .4 Hp	Model 52104 - .7 Hp
3,200 RPM	3,400 RPM
Model 51205 - .4 Hp	Model 52105 - .7 Hp
5,000 RPM	4,500 RPM

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51200/51203	.4 (298)	950	82 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (1.0)	10-3/8 (264)	1-5/8 (40)
51201/51204	.4 (298)	3,200	81 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
51202/51205	.4 (298)	5,000	84 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
51390/51394	1 (744)	1,250	83 dB(A)	6/42 (1,201)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51391/51395	1 (744)	1,800	82 dB(A)	6/42 (1,187)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51392/51396	1 (744)	2,800	80 dB(A)	6/41 (1,167)	3/8 (10)	3/8" NPT	5/8"-11 Male/M14	4.5 (2.1)	13-1/8 (333)	3-3/4 (95)
51393/51397	1 (744)	4,500	79 dB(A)	5/35 (997)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.0 (1.8)	11-11/16 (296)	3-3/4 (95)
52100/52103	.7 (522)	950	84 dB(A)	5/34 (957)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.6 (1.6)	12-1/2 (318)	1-7/8 (48)
52101/52104	.7 (522)	3,400	82 dB(A)	5/35 (977)	3/8 (10)	1/4" NPT	1/2"-20 Male	2.7 (1.2)	9-1/2 (241)	1-7/8 (48)
52102/52105	.7 (522)	4,500	82 dB(A)	5/35 (977)	3/8 (10)	1/4" NPT	1/2"-20 Male	2.7 (1.2)	9-1/2 (241)	1-7/8 (48)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Continued Leadership in Portable Abrasive
Power Tool Technology

Die Grinders and Disc Sanders

www.dynabrade.com



Introduction	H-1	.7 Hp Die Grinders	H-8
.1 Hp Pencil Grinders	H-2	1 Hp Die Grinders	H-9
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.5 Hp Die Grinders	H-6	Large Diameter Disc Sanders	H-17
.55 Hp Die Grinders	H-7		

The Choice is Yours

Dynabrade Die Grinders and Disc Sanders are Offered in a Variety of Configurations to Fit the Preference of Every Operator

GEARED AND GEARLESS TOOL OFFERINGS

Geared Tools Have Higher Torque Levels, Gearless Tools Offer Reduced Maintenance and Downtime

Two Types of Gearing

- Planetary gears are inline speed reduction gears. The higher the reduction, the higher the torque levels.
- Right angle bevel gears turn the spindle of the machine 90° from the motor. Typically there is a speed reduction but not as high as planetary gears.

Gearless Tools

- Gearless tools have lower vibration levels due to the omission of transmitting power through gears.
- They offer longer over-all tool life with fewer wearable parts resulting in reduced maintenance and downtime.
- Gearless tools will have lower torque levels than geared tools.
- If your preference is gearless tools just look for the gearless icon (pictured to the right) throughout the Die Grinders and Disc Sanders section to quickly guide you to our selection of gearless tools.



EXHAUST AND MUFFLER OFFERINGS

Front Exhaust, Rear Exhaust with Extended Muffler and Rear Exhaust with Standard Muffler

Front Exhaust

- Front exhaust tools direct debris away from the work surface but do not have a sound reducing muffler.



Rear Exhaust

- The extended muffler design is ideal for larger hands because the tool length is extended to accommodate the higher performing, dual muffling technology.



- The abbreviated length of Dynabrade's standard, sound reducing muffler is ideal for smaller hands.

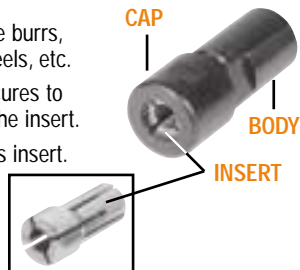


Die Grinder Collets and Inserts

Dynabrade Die Grinders Feature Precision-Made Collets and Inserts

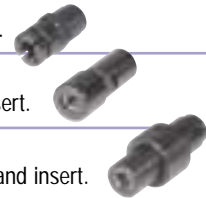
Terminology

- **COLLET:** Device used to hold carbide burrs, rotary files, mounted points and wheels, etc.
- **BODY:** The part of the collet that secures to the spindle of the tool and accepts the insert.
- **CAP:** Secures collet body and retains insert.
- **INSERT:** The collapsible portion of the collet that retains the shank of the inserted tool.



Collet Assembly Types

- **TWO-PIECE:** Insert threads into body.
- **THREE-PIECE:** Insert slips into body; cap threads to body, retaining the insert.
- **FOUR-PIECE:** Insert slips into body; cap slips over body; nut retains cap and insert.
- **INTEGRATED:** Collet is a necessary component to complete the motor assembly.



TOOL THREAD...	...CHOOSE COLLET...			...THEN CHOOSE COMPATIBLE COLLET INSERT												
	Tool Thread	Collet Size	Collet Part Number	Collet Type	1/8"		1/4"			3/8"	3 mm		6 mm	8 mm		
					01495	50034	50065	01485	01644	50013	50014	01496	01648	01497	50016	50039
3/8"-24 Male	1/4"	50010	3-Piece				✓			✓	✓				✓	✓
	6 mm	50015	3-Piece				✓			✓	✓				✓	✓
	3/8"	50018	3-Piece								✓					
M8x1 Male	1/4"	50020	2-Piece						✓				✓			
	1/4"	50080	3-Piece	✓				✓				✓		✓		
	6 mm	50079	3-Piece	✓				✓				✓		✓		
	1/4"	51124	4-Piece	✓				✓				✓		✓		
5/16"-24 Male	1/4"	51106	4-Piece	✓				✓				✓		✓		
	6 mm	51110	4-Piece	✓				✓				✓		✓		
1/2"-20 Male	1/4"	50066	3-Piece				✓			✓	✓				✓	✓
	6 mm	50073	3-Piece				✓			✓	✓				✓	✓
1/4"-28 Female	1/4"	50055	2-Piece		✓											
Integrated Collet	1/4"	N/A	N/A	✓				✓				✓		✓		
	6 mm	N/A	N/A	✓				✓				✓		✓		

.1 Hp Pencil Grinder Air Powered Grinder

- Ideal for precision deburring and metal removal on investment castings. Excellent for use on tooling, dies, molds, production parts, and much more.
- High speed air motor, controlled with a patented governor, provides constant speed underload. Quality high speed bearings for long life.
- Guarded collet with tactile warning keeps fingers close to workpiece and away from collet and burr.
- No vanes to wear out or break. Minimizes repair cost and down time.
- Oil-free. Leaves no residue on parts.
- Precision, high tolerance, low run-out collet. Run-out is a true .002" or less at 1" from face.
- Easy-change collet insert allows for quick loading/unloading of burrs and other accessories (wrench and shaft lock tool supplied).

Extension Models

- Designed to reach inside enclosures.

Ceramic Bearing Models

- Ceramic bearings provide better performance and durability with regard to high shaft speeds, dirt, extreme temperature, corrosion and other environmental factors.

Permanent Mount Stem Models

- For use on robotic arms or other permanent mount applications.

Model Number	Motor RPM	1/8" Collet	3/32" Collet	3 mm Collet	Ceramic Bearings	Extension Model	Mount Stem	Rear Exhaust
51706	35,000 G*	INT*						✓
51707	35,000 G*			INT*				✓
51708	35,000 G*		INT*					✓
51756	35,000 G*	INT*				✓		✓
51703	50,000 G*	INT*						✓
51704	50,000 G*			INT*				✓
51732	50,000 G*			INT*	✓			✓
51705	50,000 G*		INT*					✓
51730	50,000 G*	INT*			✓			✓
51753	50,000 G*	INT*				✓		✓
51700	60,000 G*	INT*						✓
51701	60,000 G*			INT*				✓
51702	60,000 G*		INT*					✓
51731	60,000 G*	INT*			✓			✓
51733	60,000 G*			INT*	✓			✓
51740	60,000 G*	INT*					✓	✓
51742	60,000 G*			INT*			✓	✓
51750	60,000 G*	INT*				✓		✓

INT*: Indicates model with integrated collet

G*: One-piece, factory-certified governor design for safety and easy replacement



ABRASIVE CAPACITY

- Carbide burrs, rotary files, mounted points, wheels and discs.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51700 - 51702	.1 (75)	60,000	69 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.8 (0.4)	5-1/4 (132)	1-1/2 (37)
51703 - 51705	.1 (75)	50,000	64 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.8 (0.4)	5-1/4 (132)	1-1/2 (37)
51706 - 51708	.1 (75)	35,000	64 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.8 (0.4)	5-1/4 (132)	1-1/2 (37)
51730 / 51732	.1 (75)	50,000	69 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.8 (0.4)	5-1/4 (132)	1-1/2 (37)
51731 / 51733	.1 (75)	60,000	69 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.8 (0.4)	5-1/4 (132)	1-1/2 (37)
51740 / 51742	.1 (75)	60,000	69 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.5 (0.2)	7-3/16 (182)	1-1/2 (37)
51750	.1 (75)	60,000	69 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.8 (0.4)	6 (152)	1-1/2 (37)
51753	.1 (75)	50,000	69 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.8 (0.4)	6 (152)	1-1/2 (37)
51756	.1 (75)	35,000	69 dB(A)	1/8 (227)	1/4 (6)	1/4" NPT	N/A	0.8 (0.4)	6 (152)	1-1/2 (37)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

.33 Hp and .4 Hp Die Grinders Air Powered Grinder

Model 52196 ▼
Rear Exhaust
Standard Muffler



Model 52325 ▼
Rear Exhaust
Standard Muffler



Model 52200 ▼
Front Exhaust



Model 52201 ▼
Rear Exhaust
Extended Muffler



.33 HP, RIGHT ANGLE

- .33 Hp gearless motor is designed for higher torque levels with a wider rotor. Like a torque wrench, the longer the throw, the higher the torque levels.



Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
52196	18,000	50010			✓		✓	Standard

.4 HP, STRAIGHT-LINE

- Planetary geared and gearless designs. Complete selection of speeds.
- For rear exhaust machines featuring the standard muffler, optional 94994 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose directs exhaust away from operator and workpiece (see page K-23).

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
51200	950	50010		✓			✓	Extended
51203	950		50015	✓			✓	Extended
51201	3,200	50010		✓			✓	Extended
51204	3,200		50015	✓			✓	Extended
51202	5,000	50010		✓			✓	Extended
51205	5,000		50015	✓			✓	Extended
52200	25,000	50080			✓	✓		N/A
52201	25,000	50080			✓		✓	Extended
52230	25,000		50079		✓	✓		N/A
52231	25,000		50079		✓		✓	Extended
52325	25,000	50080			✓		✓	Standard
52326	25,000		50079		✓		✓	Standard
52202	30,000	50080			✓	✓		N/A
52203	30,000	50080			✓		✓	Extended
52232	30,000		50079		✓	✓		N/A
52233	30,000		50079		✓		✓	Extended
52327	30,000	50080			✓		✓	Standard
52328	30,000		50079		✓		✓	Standard

ABRASIVE CAPACITY

- Carbide burrs, rotary files, mounted points, wheels and discs.

TUNE-UP KIT

- Models 52100-51205: Tune-Up Kit 96173; Model 52196: Tune-Up Kit 96505; Models 52200, 52202, 52230, 52232: Tune-Up Kit 96048; Models 52201, 52203, 52231, 52233, 52325-52328: Tune-Up Kit 96049.

Model Number 1/4" / 6 mm	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51200 / 51203	.4 (298)	950	78 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (1.0)	10-3/8 (264)	1-5/8 (40)
51201 / 51204	.4 (298)	3,200	77 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
51202 / 51205	.4 (298)	5,000	80 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/8 (232)	1-5/8 (40)
52196 / NA	.33 (246)	18,000	81 dB(A)	3/20 (567)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	4-1/2 (114)	3-7/8 (98)
52200 / 52230	.4 (298)	25,000	75 dB(A)	3/20 (566)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	0.8 (0.4)	5-1/8 (130)	1-5/8 (41)
52201 / 52231	.4 (298)	25,000	73 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	1.0 (0.5)	7-1/8 (181)	1-5/8 (41)
52202 / 52232	.4 (298)	30,000	88 dB(A)	3/20 (566)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	0.8 (0.4)	5-1/8 (130)	1-5/8 (41)
52203 / 52233	.4 (298)	30,000	76 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	1.0 (0.5)	7-1/8 (181)	1-5/8 (41)
52325 / 52326	.4 (298)	25,000	81 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	0.8 (0.4)	5-3/4 (146)	1-5/8 (41)
52327 / 52328	.4 (298)	30,000	83 dB(A)	3/23 (651)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	0.8 (0.4)	5-3/4 (146)	1-5/8 (41)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

.4 Hp Die Grinders Air Powered Grinder

MINI-ANGLE HEAD

- Low-profile, mini-right angle head to get into hard-to-reach areas.
- Ideal for aerospace applications.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
53420	3,200	50055		✓			✓	Extended



Model 53420 ▼
Rear Exhaust
Extended Muffler

7° OFFSET

- Ergonomically designed to the correct angle for proper wrist alignment.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
51211	3,200	50010		✓			✓	Extended
51214	3,200		50015	✓			✓	Extended
51212	5,000	50010		✓			✓	Extended
51215	5,000		50015	✓			✓	Extended
52204	25,000	50080			✓	✓		N/A
52250	25,000		50079		✓	✓		N/A
52251	25,000		50079		✓		✓	Extended
52331	25,000		50079		✓		✓	Standard
52335	25,000	50080			✓		✓	Standard
52205	30,000	50080			✓		✓	Extended
52206	30,000	50080			✓	✓		N/A
52207	30,000	50080			✓		✓	Extended
52252	30,000		50079		✓	✓		N/A
52333	30,000		50079		✓		✓	Standard
52337	30,000	50080			✓		✓	Standard



Model 51211 ▼
Rear Exhaust
Extended Muffler



Model 52252 ▼
Front Exhaust



Model 52335 ▼
Rear Exhaust
Standard Muffler

ABRASIVE CAPACITY

- Carbide burrs, rotary files, mounted points, wheels and discs.

TUNE-UP KIT

- Model 53420: Tune-Up Kit 96333; Models 52204, 52206, 52250 and 52252: Tune-Up Kit 96048; Models 52205, 52207, 52251, 52331, 52333, 52335 and 52337: Tune-Up Kit 96049; Models 51211-51215: Tune-Up Kit 96174

Model Number 1/4" / 6 mm	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51211 / 51214	.4 (298)	3,200	80 dB(A)	3/24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (.9)	8 (203)	5-1/2 (141)
51212 / 51215	.4 (298)	5,000	78 dB(A)	3/24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (.9)	8 (203)	5-1/2 (141)
52204 / 52250	.4 (298)	25,000	74 dB(A)	3/18 (510)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	1.0 (.5)	6 (152)	3-3/4 (94)
52205 / 52251	.4 (298)	25,000	80 dB(A)	3/19 (538)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	1.3 (.6)	8-1/2 (216)	3-3/4 (94)
52206 / 52252	.4 (298)	30,000	78 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	1.0 (.5)	6 (152)	3-3/4 (94)
52335 / 52331	.4 (298)	25,000	85 dB(A)	3/18 (510)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	1.0 (.5)	6 (152)	3-3/4 (94)
52337 / 52333	.4 (298)	30,000	84 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	1.0 (.5)	6 (152)	3-3/4 (94)
52207 / NA	.4 (298)	30,000	76 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	M8 x 1.0 Male	1.3 (.6)	8-1/2 (216)	3-3/4 (94)
53420 / NA	.4 (298)	3,200	83 dB(A)	3/23 (650)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (0.9)	11-3/8 (289)	2-1/8 (54)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

.4 Hp Die Grinders Air Powered Grinder

Model 50000 ▼
Rear Exhaust
Extended Muffler



Model 51800 ▼
Front Exhaust



Model 52316 ▼
Rear Exhaust
Standard Muffler



Model 52315



RIGHT ANGLE

- Increased gear life due to:
 - Dual wick lubrication saturated with gear oil.
 - Needle bearing assuring proper shaft alignment.
 - One-piece spindle keeping all rotating components on the same centerline for reduced run-out (which also means lower vibration levels).
 - New front exhaust continually cooling the gear box.
 - Pinion piloted on rotor to reduce run-out.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
53425	3,200	INT*		✓			✓	Standard
50000	12,000	INT*		✓			✓	Extended
50003	12,000		INT*	✓			✓	Extended
51800	12,000	INT*		✓		✓		N/A
51803	12,000		INT*	✓		✓		N/A
52315	12,000	INT*		✓			✓	Standard
52318	12,000		INT*	✓			✓	Standard
50001	15,000	INT*		✓			✓	Extended
50004	15,000		INT*	✓			✓	Extended
51801	15,000	INT*		✓		✓		N/A
51804	15,000		INT*	✓		✓		N/A
52316	15,000	INT*		✓			✓	Standard
52319	15,000		INT*	✓			✓	Standard
50002	20,000	INT*		✓			✓	Extended
50005	20,000		INT*	✓			✓	Extended
51802	20,000	INT*		✓		✓		N/A
51805	20,000		INT*	✓		✓		N/A
52317	20,000	INT*		✓			✓	Standard
52320	20,000		INT*	✓			✓	Standard

INT*: Indicates model with integrated collet (see page H-1)

NOTES:

ABRASIVE CAPACITY

- Carbide burs, rotary files, mounted points, wheels and discs.

TUNE-UP KIT

- All models this page: Tune-Up Kit 96179.

Model Number 1/4" / 6 mm	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50000 / 50003	.4 (298)	12,000	85 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.2 (.5)	7-3/8 (187)	2-7/8 (73)
50001 / 50004	.4 (298)	15,000	83 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.2 (.5)	7-3/8 (187)	2-7/8 (73)
50002 / 50005	.4 (298)	20,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.2 (.5)	7-3/8 (187)	2-7/8 (73)
51800 / 51803	.4 (298)	12,000	85 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
51801 / 51804	.4 (298)	15,000	84 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
51802 / 51805	.4 (298)	20,000	87 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
52315 / 52318	.4 (298)	12,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
52316 / 52319	.4 (298)	15,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.1 (.5)	5-3/4 (146)	2-7/8 (71)
52317 / 52320	.4 (298)	20,000	87 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	N/A	1.1 (.5)	5-3/4 (146)	2-7/8 (71)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

.5 Hp Die Grinders

Air Powered Grinder

STRAIGHT-LINE

- Gearless design with a complete selection of speeds.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
51300	15,000	50010			✓	✓		N/A
51304	15,000	50010			✓		✓	Extended
51310	15,000		50015		✓	✓		N/A
51314	15,000		50015		✓		✓	Extended
51301	18,000	50010			✓	✓		N/A
51305	18,000	50010			✓		✓	Extended
51311	18,000		50015		✓	✓		N/A
51315	18,000		50015		✓		✓	Extended
51302	20,000	50010			✓	✓		N/A
51306	20,000	50010			✓		✓	Extended
51312	20,000		50015		✓	✓		N/A
51316	20,000		50015		✓		✓	Extended
51303	24,000	50010			✓	✓		N/A
51307	24,000	50010			✓		✓	Extended
51313	24,000		50015		✓	✓		N/A
51317	24,000		50015		✓		✓	Extended

STRAIGHT-LINE, 3" EXTENSION

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
53510	18,000	INT*			✓		✓	Extended
53512	18,000		INT*		✓		✓	Extended
53511	20,000	INT*			✓		✓	Extended
53513	20,000		INT*		✓		✓	Extended

INT*: Indicates model with integrated collet (see page H-1)

STRAIGHT-LINE, 8" EXTENSION

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
53501	18,000	INT*			✓		✓	Extended
53506	18,000		INT*		✓		✓	Extended
53502	20,000	INT*			✓		✓	Extended
53507	20,000		INT*		✓		✓	Extended

INT*: Indicates model with integrated collet (see page H-1)

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51300 / 51310	.5 (373)	15,000	80 dB(A)	3/24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
51301 / 51311	.5 (373)	18,000	81 dB(A)	3/24 (680)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
51302 / 51312	.5 (373)	20,000	82 dB(A)	4/25 (708)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
51303 / 51313	.5 (373)	24,000	84 dB(A)	4/26 (736)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (0.7)	7 (178)	1-7/8 (48)
51304 / 51314	.5 (373)	15,000	79 dB(A)	4/25 (708)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/4 (235)	1-7/8 (48)
51305 / 51315	.5 (373)	18,000	79 dB(A)	4/26 (736)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/4 (235)	1-7/8 (48)
51306 / 51316	.5 (373)	20,000	80 dB(A)	4/27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/4 (235)	1-7/8 (48)
51307 / 51317	.5 (373)	24,000	79 dB(A)	4/27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.8 (0.8)	9-1/4 (235)	1-7/8 (48)
53501 / 53506	.5 (373)	18,000	75 dB(A)	4/30 (850)	3/8 (10)	1/4" NPT	N/A	3.2 (1.5)	17-7/8 (454)	1-7/8 (48)
53502 / 53507	.5 (373)	20,000	77 dB(A)	4/31 (878)	3/8 (10)	1/4" NPT	N/A	3.2 (1.5)	17-7/8 (454)	1-7/8 (48)
53510 / 52512	.5 (373)	18,000	75 dB(A)	4/30 (850)	3/8 (10)	1/4" NPT	N/A	2.5 (1.1)	12-7/8 (327)	1-7/8 (48)
53511 / 53513	.5 (373)	20,000	77 dB(A)	4/31 (878)	3/8 (10)	1/4" NPT	N/A	2.5 (1.1)	12-7/8 (327)	1-7/8 (48)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Model 51300 ▼
Front Exhaust



Model 53510 ▼
Rear Exhaust
Extended Muffler



Model 53501 ▼
Rear Exhaust
Extended Muffler



NOTES:

ABRASIVE CAPACITY

- Carbide burrs, rotary files, mounted points, wheels and discs.

TUNE-UP KIT

- Models 51300-51303 and 51310-51313: Tune-Up Kit 95600;
- Models 51303-51307 and 51314-51317: Tune-Up Kit 96530;
- Models 53501, 53502, 53506, 53507 and 53510-53513: Tune-Up Kit 96007

H-7 DIE GRINDERS AND DISC SANDERS

.5 Hp and .55 Hp Die Grinders

Air Powered Grinder



Model 52216 ▼
Front Exhaust

Long Shank

Model 52221 ▼
Rear Exhaust
Extended Muffler

Short Shank

Model 52280 ▼
Rear Exhaust
Extended Muffler



Model 52280

.5 HP, 7° OFFSET

- Ergonomically designed to the correct angle for proper wrist alignment.
- Direct drive gearless motors. No gears equates to reduced maintenance and downtime.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
52216*	15,000	50010		✓	✓		N/A
52267*	15,000	50010		✓		✓	Extended
52211	18,000	50010		✓	✓		N/A
52221	18,000	50010		✓		✓	Extended
52261	18,000		50015	✓	✓		N/A
52212	20,000	50010		✓	✓		N/A
52218*	20,000	50010		✓	✓		N/A
52222	20,000	50010		✓		✓	Extended
52262	20,000		50015	✓	✓		N/A
52213	24,000	50010		✓	✓		N/A
52223	24,000	50010		✓		✓	Extended
52263	24,000		50015	✓	✓		N/A

*: Denotes long shank models, all other models above feature short shank

.55 HP, RIGHT ANGLE

- .55 Hp gearless motor is designed for higher torque levels with a wider rotor. Like a torque wrench, the longer the throw, the higher the torque levels.
- Thermal-insulated handle reduces cold air transmission to the operator.
- Bicycle grip style side handle for comfortable operation and reduced vibration levels.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
52280	15,000	INT*		✓		✓	Extended

INT*: Indicates model with integrated collet (see page H-1)

ABRASIVE CAPACITY

- Carbide burrs, rotary files, mounted points, wheels and discs.

TUNE-UP KIT

- Model 52280: Tune-Up Kit 96522; all other models: Tune-Up Kit 96044.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52211 / 52261	.5 (373)	18,000	77 dB(A)	4/28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	4-1/2 (114)
52212 / 52262	.5 (373)	20,000	77 dB(A)	4/28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	4-1/2 (114)
52213 / 52263	.5 (373)	24,000	82 dB(A)	4/28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	4-1/2 (114)
52216 / NA	.5 (373)	15,000	78 dB(A)	4/26 (736)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52218 / NA	.5 (373)	20,000	77 dB(A)	4/28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52221 / NA	.5 (373)	18,000	77 dB(A)	3/23 (651)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	8-1/8 (206)	4-1/2 (114)
52222 / NA	.5 (373)	20,000	79 dB(A)	4/25 (708)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	8-1/8 (206)	4-1/2 (114)
52223 / NA	.5 (373)	24,000	78 dB(A)	4/27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	8-1/8 (206)	4-1/2 (114)
52267 / NA	.5 (373)	15,000	76 dB(A)	3/21 (595)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52280 / NA	.55 (410)	15,000	83 dB(A)	5/33 (934)	1/4 (6)	1/4" NPT	N/A	2.3 (1.0)	8-1/8 (207)	5-1/2 (140)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

.7 Hp Die Grinders

Air Powered Grinder

STRAIGHT-LINE

- Precision balanced for low run-out.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
52256	15,000	50010		✓		✓		N/A
52264	15,000		50015	✓		✓		N/A
52276	15,000	50010		✓			✓	Extended
52281	15,000		50015	✓			✓	Extended
52257	18,000	50010		✓		✓		N/A
52265	18,000		50015	✓		✓		N/A
52277	18,000	50010		✓			✓	Extended
52282	18,000		50015	✓			✓	Extended
52258	20,000	50010		✓		✓		N/A
52278	20,000	50010		✓			✓	Extended
52283	20,000		50015	✓			✓	Extended



Model 52256 ▼
Front Exhaust

Model 52276 ▼
Rear Exhaust
Extended Muffler



7° OFFSET

- Ergonomically designed to the correct angle for proper wrist alignment.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
52225	18,000		50015		✓	✓		N/A
52289	18,000	50010			✓	✓		N/A
52293	18,000	50010			✓		✓	Extended
52295	18,000		50015		✓		✓	Extended
52226	20,000		50015		✓	✓		N/A
52242*	20,000	50010			✓	✓		N/A
52286*	20,000		50015		✓	✓		N/A
52290	20,000	50010			✓	✓		N/A
52294	20,000	50010			✓		✓	Extended
52297	20,000	50010			✓		✓	Extended
52298	20,000		50015		✓		✓	Extended

*: Denotes long shank models, all other models above feature standard shank

NOTE: Model 52297 is Model 52294 with the addition of a side handle

ABRASIVE CAPACITY

- Carbide burrs, rotary files, mounted points, wheels and discs.

TUNE-UP KIT

- All straight-line models: Tune-Up Kit 96529; all 7° models: Tune-Up Kit 94045.



Model 52293 ▼
Rear Exhaust
Extended Muffler



Standard Shank

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52242 / 52286	.7 (522)	20,000	84 dB(A)	4/28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52256 / 52264	.7 (522)	15,000	83 dB(A)	4/31 (878)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	1-7/8 (48)
52257 / 52265	.7 (522)	18,000	87 dB(A)	5/33 (935)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	1-7/8 (48)
52258 / NA	.7 (522)	20,000	91 dB(A)	5/34 (963)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	1-7/8 (48)
52276 / 52281	.7 (522)	15,000	80 dB(A)	4/32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (0.7)	8-1/8 (206)	1-7/8 (48)
52277 / 52282	.7 (522)	18,000	81 dB(A)	5/34 (963)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (0.7)	8-1/8 (206)	1-7/8 (48)
52278 / 52283	.7 (522)	20,000	81 dB(A)	5/37 (1,048)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (0.7)	8-1/8 (206)	1-7/8 (48)
52289 / 52225	.7 (522)	18,000	87 dB(A)	5/35 (991)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52290 / 52226	.7 (522)	20,000	84 dB(A)	5/36 (1,020)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52293 / 52295	.7 (522)	18,000	80 dB(A)	5/34 (963)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)
52294 / 52298	.7 (522)	20,000	77 dB(A)	5/37 (1,048)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)
52297 / NA	.7 (522)	20,000	77 dB(A)	5/37 (1,048)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

1 Hp Die Grinders Air Powered Grinder

Model 52665 ▼
Rear Exhaust
Standard Muffler



MUFFLER ASSEMBLY

Part Number 53655

- Reduces noise levels on motors using higher air flow.



Model 52669

STRAIGHT-LINE

- Planetary geared, gearless, and governor-controlled designs. Complete selection of speeds.
- Unique anti-clog exhaust baffling.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
52660	950 G*	INT*		✓			✓	53655
52680	950 G*		INT*	✓			✓	53655
52662	3,400 G*	INT*		✓			✓	53655
52682	3,400 G*		INT*	✓			✓	53655
52663	4,500 G*	INT*		✓			✓	53655
52683	4,500 G*		INT*	✓			✓	53655
52665	9,000 G*	INT*			✓		✓	Standard
52685	9,000 G*		INT*		✓		✓	Standard
52666	12,000 G*	INT*			✓		✓	Standard
52686	12,000 G*		INT*		✓		✓	Standard
52667	15,000 G*	INT*			✓		✓	Standard
52687	15,000 G*		INT*		✓		✓	Standard
52668	18,000 G*	INT*			✓		✓	53655
52688	18,000 G*		INT*		✓		✓	53655
52269	20,000 G*	INT*			✓		✓	53655
52689	20,000 G*		INT*		✓		✓	53655

INT*: Indicates model with integrated collet (see page H-1)

G*: One-piece, factory-certified governor design for safety and easy replacement

NOTES:

ABRASIVE CAPACITY

- Carbide burs, rotary files, mounted points, wheels and discs.

TUNE-UP KIT

- All models: Tune-Up Kit 96532.

Model Number 1/4" / 6 mm	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52660 / 52680	1 (744)	950	80 dB(A)	6/43 (1,218)	3/8 (10)	3/8" NPT	1/2"-20 Male	3.6 (1.6)	13-3/4 (384)	1-7/8 (48)
52662 / 52682	1 (744)	3,400	80 dB(A)	6/43 (1,218)	3/8 (10)	3/8" NPT	1/2"-20 Male	3.1 (1.4)	12-1/2 (317)	1-7/8 (48)
52663 / 52683	1 (744)	4,500	80 dB(A)	6/41 (1,161)	3/8 (10)	3/8" NPT	1/2"-20 Male	3.1 (1.4)	12-1/2 (317)	1-7/8 (48)
52665 / 52685	1 (744)	9,000	82 dB(A)	5/36 (1,020)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.1 (1.0)	8-3/4 (221)	1-7/8 (48)
52666 / 52686	1 (744)	12,000	83 dB(A)	5/38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.1 (1.0)	8-3/4 (221)	1-7/8 (48)
52667 / 52687	1 (744)	15,000	80 dB(A)	5/39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.1 (1.0)	10 (254)	1-7/8 (48)
52668 / 52688	1 (744)	18,000	81 dB(A)	6/40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.1 (1.0)	10 (254)	1-7/8 (48)
52669 / 52689	1 (744)	20,000	80 dB(A)	6/44 (1,256)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.1 (1.0)	10 (254)	1-7/8 (48)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

1 Hp Die Grinders (CONT'D) Air Powered Grinder

STRAIGHT-LINE, 6" EXTENSION

- Planetary geared, gearless, and governor-controlled designs. Complete selection of speeds.
- Unique anti-clog exhaust baffling.

Model Number	Motor RPM	1/4" Collet	6 mm Collet	Geared	Gearless	Front Exhaust	Rear Exhaust	Muffler Type
52672	3,400 G*	INT*		✓			✓	53655
52692	3,400 G*		INT*	✓			✓	53655
52673	4,500 G*	INT*		✓			✓	53655
52693	4,500 G*		INT*	✓			✓	53655
52675	9,000 G*	INT*			✓		✓	Standard
52695	9,000 G*		INT*		✓		✓	Standard
52676	12,000 G*	INT*			✓		✓	Standard
52696	12,000 G*		INT*		✓		✓	Standard
52677	15,000 G*	INT*			✓		✓	Standard
52697	15,000 G*		INT*		✓		✓	Standard
52678	18,000 G*	INT*			✓		✓	53655
52698	18,000 G*		INT*		✓		✓	53655
52679	20,000 G*	INT*			✓		✓	53655
52699	20,000 G*		INT*		✓		✓	53655

INT*: Indicates model with integrated collet (see page H-1)

G*: One-piece, factory-certified governor design for safety and easy replacement



Model 52676 ▼
Rear Exhaust
Standard Muffler



MUFFLER ASSEMBLY

Part Number 53655

- Reduces noise levels on motors using higher air flow.

NOTES:

ABRASIVE CAPACITY

- Carbide burs, rotary files, mounted points, wheels and discs.

TUNE-UP KIT

- All models: Tune-Up Kit 96532.



Model 52676

Model Number 1/4" / 6 mm	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52672 / 52692	1 (744)	3,400	80 dB(A)	6/44 (1,256)	3/8 (10)	3/8" NPT	1/2"-20 Male	4.1 (1.9)	16-5/8 (423)	1-7/8 (48)
52673 / 52693	1 (744)	4,500	80 dB(A)	6/44 (1,256)	3/8 (10)	3/8" NPT	1/2"-20 Male	4.1 (1.9)	16-5/8 (423)	1-7/8 (48)
52675 / 52695	1 (744)	9,000	82 dB(A)	5/36 (1,020)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.2 (1.5)	14-1/4 (359)	1-7/8 (48)
52676 / 52696	1 (744)	12,000	83 dB(A)	5/38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.2 (1.5)	14-1/4 (359)	1-7/8 (48)
52677 / 52697	1 (744)	15,000	80 dB(A)	5/39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.3 (1.5)	15-3/8 (390)	1-7/8 (48)
52678 / 52698	1 (744)	18,000	81 dB(A)	6/40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.3 (1.5)	15-3/8 (390)	1-7/8 (48)
52679 / 52699	1 (744)	20,000	80 dB(A)	6/44 (1,256)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.3 (1.5)	15-3/8 (390)	1-7/8 (48)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders

Air Powered, Small Diameter



Model 53410 ▲
Rear Exhaust
Extended Muffler



Model 52503 ▲
Rear Exhaust
Standard Muffler



Model 52405 ▲
Rear Exhaust
Extended Muffler

NOTES:

2" DIAMETER, ANGLE-HEAD

.4 Hp – Rear Exhaust

Model 53410

3,200 RPM

- Tool has 1/4"-28 female thread which accepts 54021 Pad-Mounting Adapter (for pads with 1/4"-20 female thread).
- Optional 54030 Rotary Sanding Head permits locking-type male thread pad to be mounted.
- Optional 54585 Side Handle available.

2" DIAMETER, 7° OFFSET

- Handle is offset 7° for greater operator comfort and control.
- Gearless for reduced maintenance and down-time.
- Includes locking-type disc pad. Pad mounts directly to tool.



.4 Hp – Rear Exhaust

Model 52500

25,000 RPM

- Extended muffler for reduced sound levels.

Model 52503

25,000 RPM

- Standard muffler for hard-to-reach areas.

.5 Hp

Model 52400

15,000 RPM

- Front exhaust.

Model 52402

20,000 RPM

- Front exhaust.

Model 52405

20,000 RPM

- Rear exhaust.
- Extended muffler for reduced sound levels.

ABRASIVE CAPACITY

- 2" dia. discs.

TUNE-UP KIT

- Model 53410: Tune-Up Kit 96333; Models 52500 and 52503: Tune-Up Kit 96049; Models 52400, 52402 and 52405: Tune-Up Kit 96044.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52400	.5 (373)	15,000	81 dB(A)	4/26 (736)	3/8 (10)	1/4" NPT	1/4"-20 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52402	.5 (373)	20,000	82 dB(A)	4/28 (793)	3/8 (10)	1/4" NPT	1/4"-20 Male	1.7 (0.8)	6 (152)	5-1/2 (140)
52405	.5 (373)	20,000	79 dB(A)	4/25 (708)	3/8 (10)	1/4" NPT	1/4"-20 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)
53410	.4 (298)	3,200	83 dB(A)	3/23 (650)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.9 (0.9)	11-3/8 (289)	2-1/8 (56)
52500	.4 (298)	25,000	69 dB(A)	3/20 (566)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	9 (229)	3-3/4 (95)
52503	.4 (298)	25,000	82 dB(A)	3/20 (566)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.3 (0.6)	7-1/2 (191)	3-3/4 (95)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders (CONT'D)

Air Powered, Small Diameter

2"–3" DIAMETER, RIGHT ANGLE

- Thermal-insulated handle reduces cold air transmission to operator.
- Optional safety-lock lever available.

.4 Hp – Front Exhaust – Includes 2" Locking-Type Pad

Model 51820	Model 51821	Model 51822
12,000 RPM	15,000 RPM	20,000 RPM

- Standard muffler for hard-to-reach areas.

.4 Hp – Rear Exhaust – Includes 2" Locking-Type Pad

Model 52520	Model 52521	Model 52522
12,000 RPM	15,000 RPM	20,000 RPM

- Extended muffler for reduced sound levels.

Model 52540 **Model 52541** **Model 52542**

12,000 RPM	15,000 RPM	20,000 RPM
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- Standard muffler for hard-to-reach areas.

.4 Hp – Rear Exhaust – Includes 3" Locking-Type Pad

Model 52530	Model 52531	Model 52532
12,000 RPM	15,000 RPM	20,000 RPM

- Extended muffler for reduced sound levels.

NOTES:

ABRASIVE CAPACITY

- 2" and 3" dia. discs.

TUNE-UP KIT

- All models this page: Tune-Up Kit 96179.

TECH TIP

- For rear exhaust tools featuring standard mufflers: Optional 94994 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Air line sold separately.



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51820	.4 (298)	12,000	85 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	5 (134)	3-1/4 (83)
51821	.4 (298)	15,000	84 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	5 (134)	3-1/8 (79)
51822	.4 (298)	20,000	87 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	5 (134)	3-1/8 (79)
52520	.4 (298)	12,000	85 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)
52521	.4 (298)	15,000	83 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)
52522	.4 (298)	20,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (0.5)	7-3/8 (187)	3-1/8 (79)
52530	.4 (298)	12,000	85 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (.5)	7-3/8 (187)	3-1/8 (79)
52531	.4 (298)	15,000	83 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (.5)	7-3/8 (187)	3-1/8 (79)
52532	.4 (298)	20,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.2 (.5)	7-3/8 (187)	3-1/8 (79)
52540	.4 (298)	12,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	6 (152)	3-1/4 (83)
52541	.4 (298)	15,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	6 (152)	3-1/4 (83)
52542	.4 (298)	20,000	87 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-20 Male	1.1 (0.5)	6 (152)	3-1/4 (83)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders (CONT'D)

Air Powered, Small Diameter



Model 52590 ▲
Rear Exhaust
Standard Muffler



Model 52557 ▲
Rear Exhaust
Extended Muffler



Model 52412 ▼
Front Exhaust



Model 52557

2"-3" DIAMETER, RIGHT ANGLE

.33 Hp – Rear Exhaust – Includes 3" Locking-Type Pad

Model 52590

18,000 RPM

- An economical alternative to more expensive geared tools. Gearless for reduced maintenance and down-time.
- Standard muffler for hard-to-reach areas.
- Optional safety-lock lever available.



.55 Hp – Rear Exhaust – Includes 3" Locking-Type Pad

Model 52557

15,000 RPM

- Extended muffler for reduced sound levels.

Model 52558

15,000 RPM

- Standard muffler for hard-to-reach areas.



- An economical alternative to more expensive geared tools. Gearless for reduced maintenance and down-time.

- Optional safety-lock lever available.

2"-3" DIAMETER, 7° OFFSET

- Composite handle is offset 7° for greater comfort and control.
- Gearless for reduced maintenance and down-time.
- Removable side handle; includes 3" locking-type disc pad.



.7 Hp – Front Exhaust

Model 52410

15,000 RPM

Model 52412

20,000 RPM

.7 Hp – Rear Exhaust

Model 52413

15,000 RPM

Model 52415

20,000 RPM

- Extended muffler for reduced sound levels.

NOTES:

ABRASIVE CAPACITY

- 2" and 3" dia. discs.

TUNE-UP KIT

- Model 52590: Tune-Up Kit 96505; Models 52557 and 52558: Tune-Up Kit 96522; Models 52410, 52412, 52413 and 52415: Tune-Up Kit 96045.

TECH TIP

- For rear exhaust tools featuring standard mufflers: Optional 94994 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Air line sold separately.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52410	.7 (522)	15,000	96 dB(A)	4/32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52412	.7 (522)	20,000	93 dB(A)	5/36 (1,019)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6 (152)	5-1/2 (140)
52413	.7 (522)	15,000	76 dB(A)	5/32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)
52415	.7 (522)	20,000	77 dB(A)	5/35 (991)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/8 (206)	5-1/2 (140)
52557	.55 (410)	15,000	83 dB(A)	5/33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52558	.55 (410)	15,000	86 dB(A)	5/33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	4-1/2 (114)	3-7/8 (98)
52590	.33 (246)	18,000	81 dB(A)	3/20 (567)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.9 (0.8)	4-1/2 (114)	3-7/8 (98)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders (CONT'D)

Air Powered, Medium Diameter

4" DIAMETER, RIGHT ANGLE

1 Hp – Rear Exhaust

Model 52560

12,000 RPM

- Extended muffler for reduced sound levels.
- Reversible handle for right or left hand operation; includes locking-type disc pad.
- One-piece, factory-certified governor design for safety and easy replacement.
- For best performance use 95674 Coupler and 96005 Plug.

1.3 Hp – Rear Exhaust

Model 51370

12,000 RPM

- Standard muffler for hard-to-reach areas.
- Gearless for reduced maintenance and down-time.



Model 52560 ▲
Rear Exhaust
Extended Muffler



Model 51370 ▲
Rear Exhaust
Standard Muffler



Model 50324 ▼
Rear Exhaust
Standard Muffler

4" DIAMETER, PISTOL GRIP

.7 Hp – Rear Exhaust

Model 50324

11,000 RPM

- Governor speed control maintains RPM under load.
- Gearless for reduced maintenance and down-time.
- Includes locking-type disc pad. Pad mounts to tool spindle without adapters; removable side handle.
- For best performance use 95676 Coupler/Plug Assembly.



4" DIAMETER, RIGHT ANGLE – ELECTRIC

1 Hp – Rear Exhaust

Model 40587

12,000 RPM

- Run tool with fiber discs and non-woven nylon locking-type abrasives. Change abrasives quickly and easily.
- Ideal for use in metal fabrication shops.
- Excellent for gasket removal. An outstanding alternative to wire brushes.
- Includes 4" backing pad for locking-type discs. Pad is made of extra-hard material for added durability.



Model 40587

ABRASIVE CAPACITY

- 4" dia. discs.

TUNE-UP KIT

- Model 50324: Tune-Up Kit 96047;
- Model 51370: Tune-Up Kit 96504;
- Model 52560: Tune-Up Kit 96532;
- Model 40588: N/A.

Model Number	Motor HP (W)	Motor RPM	Voltage	Current Amps	Phase	Frequency	Weight Inch (mm)	Length Inch (mm)	Height Inch (mm)
40587	1 (744)	12,000	120 V (AC)	5	1	60 Hz	4 (1.8)	11 (279)	3-7/8 (98)

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50324	.7 (522)	11,000	79 dB(A)	4/32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)
51370	1.3 (969)	12,000	85 dB(A)	8/50 (1,416)	1/2 (13)	3/8" NPT	3/8"-24 Male	4.5 (2.0)	10-7/16 (265)	4-7/16 (112)
52560	1 (744)	12,000	78 dB(A)	6/40 (1,138)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.1 (1.8)	11-11/16 (296)	4-1/4 (108)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders (CONT'D)

Air Powered, Medium Diameter



Model 52515 ▲
Rear Exhaust
Standard Muffler



Model 51371 ▲
Rear Exhaust
Standard Muffler



Model 52515

4-1/2" DIAMETER, RIGHT ANGLE

.55 Hp – Rear Exhaust

- Aggressive sanding action is great on metal, for surface preparation and for sanding fiberglass.
- Gearless for reduced maintenance and down-time.
- Extended muffler for reduced sound levels.
- Disc mount, flange nut and backup pad included; abrasives are flange-mounted with a 7/8" center hole.



Model 52515

15,000 RPM

- 5/8"-11 thread.

Model 52516

15,000 RPM

- 5/8"-11 thread; includes 07184 Guard and 01462 Safety-Lock Lever.

Model 52518

15,000 RPM

- M14x2 thread; includes 07184 Guard and 01462 Safety-Lock Lever.

4-1/2" DIAMETER, RIGHT ANGLE

1.3 Hp – Rear Exhaust

Model 51371

12,000 RPM

- Gearless for reduced maintenance and down-time.
- Bicycle-grip style side handle for comfortable operation and reduced vibration levels.
- Higher horsepower and torque levels than similar competitive products.
- Curved design of standard safety-lock lever eliminates sharp edges and pinch points.
- Features spindle-lock for easy pad change.



NOTES:

ABRASIVE CAPACITY

- 4" dia. discs; 4-1/2" dia. discs.

TUNE-UP KIT

- Model 51371: Tune-Up Kit 96504; Models 52515, 52516 and 52518: Tune-Up Kit 96522.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51371	1.3 (969)	12,000	85 dB(A)	8/50 (1,416)	1/2 (13)	3/8" NPT	5/8"-11 Male	4.5 (2.0)	10-7/16 (265)	4-7/16 (112)
52515	.55 (410)	15,000	83 dB(A)	5/33 (934)	3/8 (10)	1/4" NPT	5/8"-11 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52516	.55 (410)	15,000	83 dB(A)	5/33 (934)	3/8 (10)	1/4" NPT	5/8"-11 Male	1.9 (0.8)	6 (152)	3-7/8 (98)
52518	.55 (410)	15,000	83 dB(A)	5/33 (934)	3/8 (10)	1/4" NPT	M14x2	1.9 (0.8)	6 (152)	3-7/8 (98)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders (CONT'D)

Air Powered, Medium Diameter

4-1/2"-5" DIAMETER, RIGHT ANGLE

1 Hp – Rear Exhaust

- Extended muffler for reduced sound levels.
- Reversible handle for right or left hand operation.
- For best performance use 95674 Coupler and 96005 Plug.

5/8"-11 Male Thread

Model 52562

9,000 RPM

- Includes 50275 Disc Pad Assembly (50272 Pad and 50273 Flange Nut).

Model 52561

11,000 RPM

- Includes 50274 Disc Pad Assembly (50265 Pad and 50273 Flange Nut).

M14 Male Thread

Model 52564

9,000 RPM

Model 52565

11,000 RPM

Model 52566

12,000 RPM

- Ideal for use with 115-127 mm disc pads with an M14 female thread (not included).

4-1/2" – 5" DIAMETER, RIGHT ANGLE

1.2 Hp – Side Exhaust

Model 50345

8,500 RPM

Model 50360

12,000 RPM

- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Lubricated gears increase durability.
- Soft "grip-traction" side handle increases safety and reduces hand fatigue (reversible for left or right hand operation).
- Safety-lock throttle lever prevents accidental start-up.

NOTE: For maximum performance, a 1/2" air hose is recommended.

NOTES:

ABRASIVE CAPACITY

- 4-1/2"–5" dia. discs.

TUNE-UP KIT

- 1 Hp models: Tune-Up Kit 96532;
- 1.2 Hp models: Tune-Up Kit 96011.



Model 52561 ▲
Rear Exhaust
Extended Muffler



Model 50345 ▲
Side Exhaust



Model 52561

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50345	1.2 (895)	8,500	76 dB(A)	6/43 (1,218)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (298)	3-1/8 (80)
50360	1.2 (895)	12,000	82 dB(A)	6/41 (1,161)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (298)	3-1/8 (80)
52561	1 (744)	11,000	79 dB(A)	6/41 (1,172)	3/8 (10)	3/8" NPT	5/8"-11 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52562	1 (744)	9,000	80 dB(A)	6/39 (1,116)	3/8 (10)	3/8" NPT	5/8"-11 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52564	1 (744)	9,000	80 dB(A)	6/39 (1,116)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52565	1 (744)	11,000	79 dB(A)	6/41 (1,172)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	3-3/4 (95)
52566	1 (744)	12,000	78 dB(A)	6/40 (1,138)	3/8 (10)	3/8" NPT	M14x2 Male	4 (1.8)	11-11/16 (296)	4-1/4 (108)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders (CONT'D)

Air Powered, Medium Diameter



Model 50320 ▼
Rear Exhaust
Standard Muffler



Model 50304 ▼
Side Exhaust

4-1/2" – 5" DIAMETER, PISTOL GRIP

.7 Hp – Rear Exhaust

Model 50320

8,000 RPM

Model 50321

11,000 RPM



- Gearless for reduced maintenance and down-time.
- Governor-controlled to maintain RPM under heavy load.
- Removable side handle.
- Includes 50264 Disc Mount, 50268 Flange Nut, and 50267 Back-Up Pad for slotted center-hole abrasive discs.

4-1/2" – 5" DIAMETER, VERTICAL

1.2 Hp – Side Exhaust

Model 50304

8,500 RPM

Model 50307

11,000 RPM

- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Safety-lock throttle lever prevents accidental start-up.
- "Grip-traction" side handle increases safety and reduces hand fatigue.
- Includes 50275 Disc Pad Assembly (5" diameter) which includes 50272 Pad and 50273 Flange Nut.
- For best performance use 98273 Coupler and Plug Assembly.

NOTES:



Model 50320

ABRASIVE CAPACITY

- 4-1/2"–5" dia. discs.

TUNE-UP KIT

- .7 Hp models: Tune-Up Kit 96047;
- 1.2 Hp models: Tune-Up Kit 96011.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50304	1.2 (895)	8,500	75 dB(A)	4/32 (906)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.0 (1.8)	8 (203)	6 (152)
50307	1.2 (895)	11,000	78 dB(A)	5/36 (1,020)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.0 (1.8)	8 (203)	6 (152)
50320	.7 (522)	8,000	75 dB(A)	4/30 (850)	3/8 (10)	1/4" NPT	5/8"-11 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)
50321	.7 (522)	11,000	79 dB(A)	4/32 (906)	3/8 (10)	1/4" NPT	5/8"-11 Male	2.2 (1.0)	6-5/8 (168)	5-5/8 (143)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Disc Sanders (CONT'D) Air Powered, Large Diameter

7" DIAMETER, RIGHT ANGLE

1 Hp

Model 52563

6,000 RPM

- Rear exhaust.
- Air motor is governor-controlled to maintain RPM under heavy load.
- Lubricated gears increase durability.
- Safety-lock throttle lever; left or right hand operation (reversible).
- "Grip-traction" side handle increases safety and reduces hand fatigue.
- Includes 50277 Disc Pad Assembly (7" diameter) which includes 50278 Pad and 50273 Flange Nut.

1.2 Hp

Model 50349

6,000 RPM

- Side exhaust.

2 Hp

Model 50347

6,000 RPM

- Side exhaust.



Model 52563 ▲
Rear Exhaust
Extended Muffler



Model 50349 ▲
Side Exhaust



Model 50347 ▲
Side Exhaust

7" DIAMETER, VERTICAL

2 Hp – Side Exhaust

Model 52450

6,000 RPM

Model 52451

7,200 RPM

Model 52454

8,500 RPM

- Gearless for reduced maintenance and down-time.
- Governor-controlled to maintain RPM under heavy load.
- Safety-lock throttle lever prevents accidental start-up.
- Removable side handle.
- Includes 50277 Disc Pad Assembly (7" diameter) which includes 50278 Pad and 50273 Flange Nut.
- Optional 95870 Air Line (1/2" dia.) is also available.



NOTE: For maximum performance, a 1/2" dia. air hose is recommended.

NOTES:

ABRASIVE CAPACITY

- 7" dia. discs.

TUNE-UP KIT

- Model 50347: Tune-Up Kit 96043;
- Model 50349: Tune-Up Kit 96042;
- Models 52450, 52451, 52454: Tune-Up Kit 96259; Model 52563: Tune-Up Kit 96532.



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Tool Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50347	2 (1,491)	6,000	82 dB(A)	10/71 (2,011)	1/2 (13)	1/2" NPT	5/8"-11 Male	6.9 (3.1)	13-3/4 (349)	3-5/8 (92)
50349	1.2 (895)	6,000	79 dB(A)	6/43 (1,218)	1/2 (13)	1/2" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (298)	3-1/8 (79)
52450	2 (1,491)	6,000	82 dB(A)	8/60 (1,699)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)
52451	2 (1,491)	7,200	84 dB(A)	9/66 (1,869)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)
52454	2 (1,491)	8,500	86 dB(A)	10/73 (2,067)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)
52563	1 (744)	6,000	82 dB(A)	6/40 (1,127)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.1 (1.8)	11-11/16 (296)	3-3/4 (95)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



Continued Leadership in Portable Abrasive Power Tool Technology

Grinders

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Depressed Center Wheel GrindersI-1
Type 1 Wheel Grinders.....I-5

Cone or Plug Wheel Grinders.....I-6
Cut-Off Wheel ToolsI-7

Depressed Center Wheel Grinders

Air Powered Grinders

2" DIAMETER, RIGHT ANGLE

.4 Hp – Rear Exhaust

Model 52710

Model 52711

Model 52712

12,000 RPM

15,000 RPM

20,000 RPM

- Short muffler for hard-to-reach areas.
- Includes 24-grit 90999 Depressed Center Wheel, 2" dia. x 3/8" dia. center hole, guard and wheel flange set.
- Optional 01462 Safety-Lock Throttle is available.



Model 52710 ▲

3" DIAMETER, RIGHT ANGLE

.55 Hp – Rear Exhaust

Model 57127

15,000 RPM



- Powerful high-torque air motor; standard muffler for reduced sound levels.
- Gearless for reduced maintenance and down-time.
- Removable side handle; includes safety-lock throttle lever, guard and wheel flange set.



Model 52700 ▲

3" DIAMETER, 7° OFFSET

.7 Hp – Front Exhaust

Model 52700

18,000 RPM



- Powerful high-torque grinding action.
- Gearless for reduced maintenance and down-time.
- Handle is offset 7° for greater operator comfort and control.
- Removable side handle; guard and wheel flange set included.
- Easily converts to 1/4" die grinder or drill with optional 50010 Collet or 53032 Drill Chuck.



Model 57127

NOTES:

ABRASIVE CAPACITY

- 2" and 3" dia. type 27 reinforced depressed center wheels.

TECH TIP

- Use only type 27 reinforced depressed center wheels.

TUNE-UP KIT

- Models 52710-52712: Tune-Up Kit 96179; Model 57127: Tune-Up Kit 96522; Model 52700: Tune-Up Kit 96045.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52710	.4 (298)	12,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
52711	.4 (298)	15,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
52712	.4 (298)	20,000	87 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	3 (76)
57127	.55 (410)	15,000	83 dB(A)	5/33 (934)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.9 (.8)	6 (152)	3-7/8 (98)
52700	.7 (522)	18,000	86 dB(A)	4/32 (906)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	7-1/4 (184)	4-1/2 (114)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Depressed Center Wheel Grinders (CONT'D)

Air Powered Grinders



Model 50302 ▲



Model 50340 ▲



Model 50346 ▲



Model 50302

4" DIAMETER, RIGHT ANGLE

1 Hp – Rear Exhaust

Model 50302

12,000 RPM

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

4-1/2"-5" DIAMETER, PISTOL-GRIP

.7 Hp – Rear Exhaust

Model 50340

11,000 RPM

- Governor-controlled to maintain RPM under heavy load.
- Gearless motor requires less maintenance.
- Includes removable side handle, guard and wheel flange set.



4-1/2"-5" DIAMETER, RIGHT ANGLE

1 Hp – Rear Exhaust

- Standard muffler for reduced sound levels.
- Reversible handle for right or left hand operation.
- Safety-lock throttle lever prevents accidental start-up. Guard and wheel flange set included.

Model 50306

12,000 RPM

- 5/8"-11 male spindle.

Model 50308

12,000 RPM

- M14 male spindle.

1.2 Hp – Side Exhaust

Model 50346

12,000 RPM

NOTES:

ABRASIVE CAPACITY

- 4" and 4-1/2"-5" dia. type 27 reinforced depressed center wheels.

TECH TIP

- Use only type 27 reinforced depressed center wheels.

TUNE-UP KIT

- Models 50302, 50306, 50308: Tune-Up Kit 96532; Model 50340: Tune-Up Kit 96047; Model 50346: Tune-Up Kit 96042.

Important: Never mount accessories that have lower maximum RPM rating than the tool, regardless of tool capacity. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50302	1 (744)	12,000	78 dB(A)	6/40 (1,138)	3/8 (10)	3/8" NPT	3/8"-24 Male	4.5 (2.0)	11-3/4 (299)	3-5/8 (92)
50306	1 (744)	12,000	78 dB(A)	6/40 (1,138)	3/8 (10)	3/8" NPT	5/8"-11 Male	4.8 (2.2)	11-3/4 (299)	3-13/16 (98)
50308	1 (744)	12,000	78 dB(A)	6/40 (1,138)	3/8 (10)	3/8" NPT	M14 Male	4.8 (2.2)	11-3/4 (299)	3-13/16 (98)
50340	.7 (522)	11,000	79 dB(A)	4/32 (906)	3/8 (10)	1/4" NPT	5/8"-11 Male	4.6 (2.1)	8 (203)	6-5/8 (168)
50346	1.2 (893)	12,000	87 dB(A)	6/41 (1,161)	1/2 (15)	1/2" NPT	5/8"-11 Male	5.7 (2.6)	11-3/4 (298)	4-5/8 (118)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Depressed Center Wheel Grinders (CONT'D)

Air and Electric Powered Grinders

4-1/2" DIAMETER, RIGHT ANGLE - ELECTRIC

1 Hp – Side Exhaust

Model 40588

12,000 RPM

- Ideal for grinding welds and various material removal applications.
- Easy on/off ergonomic power switch locks on to reduce operator fatigue.
- Small diameter motor housing for firm, comfortable grip.
- Long 8 ft. cord, flexible even at low temperatures.
- Reversible side handle for left or right hand operation.



4-1/2"–5" DIAMETER, VERTICAL

1.2 Hp – Side Exhaust

Model 50303

12,000 RPM

- Powerful air motor is governor-controlled to maintain RPM under heavy load.
- Gearless for reduced maintenance and down-time.
- Safety-lock throttle lever prevents accidental start-up. "Grip-traction" side handle increases safety and reduces hand fatigue.
- Guard and wheel flange set included.



5" DIAMETER, RIGHT ANGLE

1.3 Hp – Rear Exhaust

Model 52620

12,000 RPM

- 5/8"-11 male thread.
- High torque air motor.
- Composite handle ensures reduced thermal properties.
- Gearless for reduced maintenance and down-time.

Model 52625

12,000 RPM

- M14x2 male thread; ideal set-up for 3M Co. Green Corps Wheels.



ABRASIVE CAPACITY

- 4-1/2", 4-1/2"-5" and 7" dia. type 27 reinforced depressed center wheels.

TECH TIP

- Use only type 27 reinforced depressed center wheels.

TUNE-UP KIT

- Model 40588: Tune-Up Kit N/A;
- Model 50303: Tune-Up Kit 96011;
- Model 52620 and 52625: Tune-Up Kit 96504.



Green Corps is a trademark of 3M Company

Important: Never mount accessories that have lower maximum RPM rating than the tool, regardless of tool capacity. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor HP (W)	Motor RPM	Voltage	Current Amps	Phase	Frequency	Weight Inch (mm)	Length Inch (mm)	Height Inch (mm)
40588	1 (744)	12,000	120 V (AC)	5	1	60 Hz	4.8 (2.2)	11 (279)	4-3/4 (121)

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50303	1.2 (895)	12,000	84 dB(A)	5/38 (1,076)	1/2 (13)	1/2" NPT	5/8" -11 Male	5.4 (2.4)	8 (203)	6-5/8 (168)
52620	1.3 (967)	12,000	85 dB(A)	8/50 (1,416)	1/2 (13)	3/8" NPT	5/8" -11 Male	5.5 (2.5)	10-7/16 (265)	4-7/16 (112)
52625	1.3 (967)	12,000	85 dB(A)	8/50 (1,416)	1/2 (13)	3/8" NPT	M14x2	5.5 (2.5)	10-7/16 (265)	4-7/16 (112)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Depressed Center Wheel Grinders (CONT'D)

Air Powered Grinders



Model 50350 ▲

7" DIAMETER, RIGHT ANGLE

1.2 Hp – Side Exhaust

Model 50350

6,000 RPM

- Optional 52190 Guard available for left hand operation.
- 11399 Type 27 Wheel Mounting Adapter Kit includes front and rear flange with hex wrench. For use with larger than 5" type 27 grinding wheels.

NOTE: For maximum performance, a 1/2" air hose is recommended with 98273 Coupler/Plug Assembly.



Model 52452 ▲

7" DIAMETER, VERTICAL

2 Hp – Side Exhaust

Model 52452

6,000 RPM

Model 52453

7,200 RPM

Model 52455

8,500 RPM

- 11399 Type 27 Wheel Mounting Adapter Kit includes front and rear flange with hex wrench.

NOTE: For maximum performance, a 1/2" air hose is recommended with 98273 Coupler/Plug Assembly.



Model 50348 ▲

7" DIAMETER, RIGHT ANGLE

2 Hp – Side Exhaust

Model 50348

6,000 RPM

- Powerful air motor is governor-controlled to maintain RPM under heavy load and to insure smooth operation; side exhaust. Lubricated gears increase durability.
- Safety-lock throttle lever prevents accidental start-up. "Grip-traction" side handle increases safety and reduces hand fatigue. Rubber insulated grip reduces cold on operator's hand.
- Guard and wheel flange set included. Optional 52190 Guard available for left hand operation.
- 11399 Type 27 Wheel Mounting Adapter Kit includes front and rear flange with hex wrench.

ABRASIVE CAPACITY

- 7" dia. type 27 reinforced depressed center wheels.

TECH TIP

- Use only type 27 reinforced depressed center wheels.

TUNE-UP KIT

- Model 50348: Tune-Up Kit 96043; Model 50350: Tune-Up Kit 96042; all other models on this page: Tune-Up Kit 96259.

Important: Never mount accessories that have lower maximum RPM rating than the tool, regardless of tool capacity. Never mount bonded grinding wheels. Always wear eye, face & body protection.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
50348	2.0 (1,491)	6,000	86 dB(A)	9/64 (1,812)	1/2 (13)	1/2" NPT	5/8"-11 Male	8.6 (3.9)	13-3/4 (349)	5-1/4 (132)
50350	1.2 (893)	6,000	83 dB(A)	6/43 (1,218)	1/2 (15)	1/2" NPT	5/8"-11 Male	5.7 (2.6)	11-3/4 (298)	4-5/8 (118)
52452	2.0 (1,491)	6,000	82 dB(A)	9/61 (1,728)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)
52453	2.0 (1,491)	7,200	84 dB(A)	9/66 (1,869)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)
52455	2.0 (1,491)	8,500	86 dB(A)	10/73 (2,067)	1/2 (13)	1/2" NPT	5/8"-11 Male	9 (4.1)	13 (330)	8-1/4 (210)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Type 1 Wheel Grinders

Air Powered Grinders

- Clean metal before welding, grind down, smooth weld seams, remove imperfections.
- Smooth surfaces on castings. Smooth surfaces prior to painting or plating.
- Industrial applications include foundries, welding shops, fabrication plants, steel mills and shipyards.
- Governor-controlled to maintain RPM under heavy load; rear exhaust.
- Safety-lock lever is standard on all models.
- Use only reinforced Type 1 wheels, not included.

3" DIAMETER, STRAIGHT-LINE, 6" EXTENSION

1 Hp – Rear Exhaust

- Standard cushioned grip on extension models allows for operator comfort and added control of abrasive.

Model 52376

12,000 RPM

Model 52377

15,000 RPM

Model 52378

18,000 RPM

4" DIAMETER, STRAIGHT-LINE

1 Hp – Rear Exhaust

Model 52373

12,000 RPM

Model 52374

15,000 RPM

4" DIAMETER, STRAIGHT-LINE, 6" EXTENSION

1 Hp – Rear Exhaust

Model 52379

12,000 RPM

Model 52380

15,000 RPM

- Standard cushioned grip on extension models allows for operator comfort and added control of abrasive.

NOTES:

ABRASIVE CAPACITY

- 3" tool: 3" dia x 1/2" wide x 3/8" center hole Type 1 grinding wheel; 4" tool: 4" dia x 1/4" wide x 3/8" center hole Type 1 grinding wheel.

TUNE-UP KIT

- All models this page: Tune-Up Kit 96532.

Model 52376 ▼



Model 52373 ▼



Model 52374



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52376	1.0 (744)	12,000	82 dB(A)	5/38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52377	1.0 (744)	15,000	83 dB(A)	5/39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52378	1.0 (744)	18,000	84 dB(A)	6/40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	3-1/2 (89)
52373	1.0 (744)	12,000	82 dB(A)	5/38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.7 (1.2)	8-5/8 (218)	4-1/2 (113)
52374	1.0 (744)	15,000	83 dB(A)	5/39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.7 (1.2)	8-5/8 (218)	4-1/2 (113)
52379	1.0 (744)	12,000	82 dB(A)	5/38 (1,076)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	4-1/2 (113)
52380	1.0 (744)	15,000	83 dB(A)	5/39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	14-1/4 (362)	4-1/2 (113)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Cone or Plug Wheel Grinders

Air Powered Grinders

Model 52715 ▼



Model 52719 ▼



Model 52715



- Governor-controlled to maintain RPM under heavy load; rear exhaust.
- Safety-lock lever is standard on all models.
- Clean metal before welding, grind down, smooth weld seams, remove imperfections.
- Smooth surfaces on castings, smooth surfaces prior to painting or plating.
- Industrial applications include foundries, welding shops, fabrication plants, steel mills and shipyards.
- Use only abrasive cone or plug wheel, not included.

NOTE: For best performance use 95674 Coupler and 96005 Plug.

STRAIGHT-LINE

1 Hp – Rear Exhaust

Model 52715

12,000 RPM

Model 52717

18,000 RPM

Model 52716

15,000 RPM

Model 52718

20,000 RPM

STRAIGHT-LINE, 6" EXTENSION

1 Hp – Rear Exhaust

- Standard cushioned grip on extension models allows for operator comfort and added control of abrasive.

Model 52719

12,000 RPM

Model 52721

18,000 RPM

Model 52720

15,000 RPM

Model 52722

20,000 RPM

NOTES:

ABRASIVE CAPACITY

- 1-1/4" dia. cone or plug wheel.

ACCESSORIES

- Optional 53621 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Overhose redirects exhaust away from operator and workpiece. Airline sold separately.



TUNE-UP KIT

- All models this page: Tune-Up Kit 96532.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52715	1 (744)	12,000	82 dB(A)	5/38 (1,076)	3/8" NPT	3/8 (10)	3/8"-24 Male	1.9 (.9)	7-3/4 (198)	1-7/8 (48)
52716	1 (744)	15,000	83 dB(A)	5/39 (1,104)	3/8" NPT	3/8 (10)	3/8"-24 Male	1.9 (.9)	7-3/4 (198)	1-7/8 (48)
52717	1 (744)	18,000	84 dB(A)	6/40 (1,133)	3/8" NPT	3/8 (10)	3/8"-24 Male	1.9 (.9)	7-3/4 (198)	1-7/8 (48)
52718	1 (744)	20,000	88 dB(A)	6/44 (1,256)	3/8" NPT	3/8 (10)	3/8"-24 Male	1.9 (.9)	7-3/4 (198)	1-7/8 (48)
52719	1.0 (744)	12,000	82 dB(A)	5/38 (1,076)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	13-1/4 (335)	1-7/8 (48)
52720	1.0 (744)	15,000	83 dB(A)	5/39 (1,104)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	13-1/4 (335)	1-7/8 (48)
52721	1.0 (744)	18,000	84 dB(A)	6/40 (1,133)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	13-1/4 (335)	1-7/8 (48)
52722	1.0 (744)	20,000	88 dB(A)	6/44 (1,256)	3/8" NPT	3/8 (10)	3/8"-24 Male	3.3 (1.5)	13-1/4 (335)	1-7/8 (48)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Cut-Off Wheel Tools

Air Powered

Ideal for sheet metal shops; cut metal, fiberglass and plastic

- Standard safety-lock throttle lever prevents accidental start-ups.
- Use only reinforced Type 1 cut-off wheels, not included.

3" DIAMETER, STRAIGHT-LINE

.5 Hp – Front Exhaust

.5 Hp – Rear Exhaust

Model 52434

Model 52435

20,000 RPM

20,000 RPM

- Cut sheet metal, frame rails, clamps, rusted bolts.
- Gearless for reduced maintenance and down-time.



3" DIAMETER, 7° OFFSET

.5 Hp – Front Exhaust

Model 52420

20,000 RPM

- Lightweight composite handle. Handle is offset 7° for greater operator comfort and control.
- Gearless for reduced maintenance and down-time.



3" DIAMETER, STRAIGHT-LINE, 6" EXTENSION

1 Hp – Rear Exhaust

Model 52576

Model 52577

Model 52578

15,000 RPM

18,000 RPM

20,000 RPM

- Governor-controlled to maintain RPM under heavy load.
- Standard cushioned grip on extension models allows for operator comfort and added control of abrasive.

Model 52434 ▼



Model 52420 ▼



Model 52576 ▼



NOTES:

ABRASIVE CAPACITY

- 3" dia. cut-off wheels.

TUNE-UP KIT

- All models this page: Tune-Up Kit 96044.

Model 52420



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52434	.5 (373)	20,000	84 dB(A)	4/27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.0 (0.9)	6-3/8 (162)	3-1/8 (81)
52435	.5 (373)	20,000	80 dB(A)	4/27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.3 (1.0)	8-1/2 (216)	3-1/8 (81)
52420	.5 (373)	20,000	85 dB(A)	4/28 (793)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	6 (152)	5-1/2 (140)
52576	1 (744)	15,000	83 dB(A)	5/39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	13-3/4 (348)	3-1/8 (81)
52577	1 (744)	18,000	84 dB(A)	5/40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	13-3/4 (348)	3-1/8 (81)
52578	1 (744)	20,000	88 dB(A)	6/44 (1,256)	3/8 (10)	3/8" NPT	3/8"-24 Male	3.9 (1.8)	13-3/4 (348)	3-1/8 (81)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Cut-Off Wheel Tools (CONT'D)

Air Powered

Ideal for sheet metal shops; cut metal, fiberglass and plastic



Model 52430 ▼



Model 52573 ▼



Model 52580 ▼



Model 52436

- Safety-lock lever is standard on all models.
- Use only reinforced Type 1 cut-off wheels, not included.

4" DIAMETER, 7° OFFSET

.7 Hp – Front Exhaust

Model 52430

15,000 RPM

Model 52431

20,000 RPM



- Gearless motors lessen downtime and repair expense when compared to geared tools.
- Handle is offset 7° for greater operator comfort and control.

4" DIAMETER, STRAIGHT-LINE

1 Hp – Rear Exhaust

Model 52573

15,000 RPM

Model 52574

18,000 RPM

- Governor-controlled to maintain RPM under heavy load; rear exhaust.
- Uses 1/32" - 1/8" (0.8 mm–3 mm) wide x 4" (102 mm) diameter x 3/8" (10 mm) center-hole reinforced cut-off wheels.

4" DIAMETER, STRAIGHT-LINE, 6" EXTENSION

1 Hp – Rear Exhaust

Model 52579

15,000 RPM

Model 52580

18,000 RPM

- Governor-controlled to maintain RPM under heavy load; rear exhaust.
- Use only reinforced type 1 cut-off wheels, not included.

4-1/2" DIAMETER, 7° OFFSET, VACUUM

.7 Hp – Rear Exhaust

Model 52436

20,000 RPM

- Adjustable wheel guard has vacuum port for dust and particle removal.
- Cushioned, soft-grip side handle for optimum comfort and control.
- Handle is offset 7° for greater operator comfort and control.
- Great for use with 94912 Diamond Blade. Diamond Blades are slotted for cooler running and longer life (shown with tool).

ABRASIVE CAPACITY

- 4" and 4-1/2" dia. cut-off wheels.

TUNE-UP KIT

- .7 Hp models: Tune-Up Kit 96044; 1 Hp models: Tune-Up Kit 96532.

IMPORTANT: Always use proper guards, wear eye gear and body protection. Never mount wheels which have lower RPM rating than the tool.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
52430	.7 (522)	15,000	91 dB(A)	4/32 (906)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	4-3/4 (121)
52431	.7 (522)	20,000	91 dB(A)	5/36 (1,020)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	4-3/4 (121)
52436	.7 (522)	20,000	92 dB(A)	5/32 (906)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.7 (1.2)	7-3/8 (187)	5-1/4 (133)
52573	1 (744)	15,000	83 dB(A)	5/39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.4 (1.1)	8-1/4 (208)	4-1/2 (113)
52574	1 (744)	18,000	84 dB(A)	6/40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	2.4 (1.1)	8-1/4 (208)	4-1/2 (113)
52579	1 (744)	15,000	83 dB(A)	5/39 (1,104)	3/8 (10)	3/8" NPT	3/8"-24 Male	4 (1.8)	13-3/4 (348)	4-1/2 (113)
57580	1 (744)	18,000	84 dB(A)	6/40 (1,133)	3/8 (10)	3/8" NPT	3/8"-24 Male	4 (1.8)	13-3/4 (348)	4-1/2 (113)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)



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Drills and Specialty Tools

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Drills	J-1	Stockade Sander	J-6
Routers	J-4	Stockade Saw	J-6
Dynascalers	J-4	Dynadie® III	J-7
Stockade Filers	J-5		

Drills

Air Powered



Model 53430 ▲



Model 53435 ▼



Model 53077 ▼



Model 53072 ▼

ANGLE HEAD

.4 Hp – Rear Exhaust

Model 53430

3,200 RPM

- 1" angle-height; accepts 1/4"-28 threaded drill bits.
- Standard muffler for reduced sound levels.

RIGHT ANGLE

.4 Hp – Rear Exhaust

Model 53435

3,200 RPM

- 2-1/4" angle-height; accepts 1/4"-28 threaded drill bits.
- Shorter muffler for hard to reach areas.

1/4" CHUCK, STRAIGHT-LINE

.4 Hp – Rear Exhaust

Model 53077

Model 53078

Model 53079

950 RPM

3,200 RPM

5,000 RPM

- Standard muffler for reduced sound levels.
- Includes 1/4" chuck and key; shown with optional 13141 Handle/Collar Assembly.

1/4" CHUCK, 7° OFFSET

.4 Hp – Rear Exhaust

Model 53072

Model 53073

Model 53074

950 RPM

3,200 RPM

5,000 RPM

- Standard muffler for reduced sound levels.
- Includes 1/4" chuck and key.

NOTES:

TUNE-UP KIT

- Models 53072-53074: Tune-Up Kit 96174; Models 53077-53079: Tune-Up Kit 96173;

- Model 53430: Tune-Up Kit 96333; and Model 53435: Tune-Up Kit 96179.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53072	.4 (298)	950	79 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.2 (1.0)	8 (203)	6-3/4 (171)
53073	.4 (298)	3,200	80 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (0.9)	8 (203)	5-1/2 (141)
53074	.4 (298)	5,000	78 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	2.1 (0.9)	8 (203)	5-1/2 (141)
53077	.4 (298)	950	82 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)
53078	.4 (298)	3,200	81 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)
53079	.4 (298)	5,000	84 dB(A)	3/22 (623)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.8 (.8)	10-1/2 (267)	1-5/8 (40)
53430	.4 (298)	3,200	83 dB(A)	3/23 (650)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	11-3/8 (289)	1-5/8 (40)
53435	.4 (298)	3,200	84 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	1/4"-28 Female	1.9 (.9)	7 (178)	2-1/4 (57)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Drills (CONT'D)

Air Powered

1/4" CHUCK, RIGHT ANGLE

.4 Hp

- Includes 53032 Chuck.

Front Exhaust Models

Model 51846

12,000 RPM

Model 51847

15,000 RPM

Model 51848

20,000 RPM

Rear Exhaust Models

Model 53046

12,000 RPM

Model 53047

15,000 RPM

Model 53048

20,000 RPM

- Standard muffler for reduced sound levels.

1/4" CHUCK, STRAIGHT-LINE

.5 Hp – Front Exhaust

Model 53037

20,000 RPM

- Includes 1/4" chuck and key.

3/8" CHUCK, PISTOL-GRIP

.7 Hp – Rear Exhaust

Model 53091

950 RPM

Model 53095

4,500 RPM

Model 53060

3,400 RPM

Model 53096

20,000 RPM

- High torque; slow-speed start-up trigger.
- Rubber-insulated grip; removable side handle.
- Includes 3/8" drill chuck and key.

NOTES:

TUNE-UP KIT

- Models 51846-51848, 53046-53048: Tune-Up Kit 96179; Model 53037: Tune-Up Kit 95600;
- Models 53060, 53091, 53095-53096: Tune-Up Kit 96047.

Model 53046 ▼



Model 53037 ▲



Model 53096 ▼



Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
51846	.4 (298)	12,000	85 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
51847	.4 (298)	15,000	84 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
51848	.4 (298)	20,000	89 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (0.5)	5-1/2 (140)	4 (101)
53037	.5 (373)	20,000	87 dB(A)	4/27 (765)	3/8 (10)	1/4" NPT	3/8"-24 Male	1.5 (.7)	7 (178)	1-3/4 (44)
53046	.4 (298)	12,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53047	.4 (298)	15,000	86 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53048	.4 (298)	20,000	87 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	3/8"-24 Male	1.1 (.5)	5-3/4 (146)	4 (101)
53060	.7 (522)	3,400	84 dB(A)	5/33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.2 (1.4)	8-7/8 (224)	6-3/8 (163)
53091	.7 (522)	950	84 dB(A)	5/33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.9 (1.8)	10-1/2 (267)	6-3/8 (163)
53095	.7 (522)	4,500	84 dB(A)	5/33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	3.2 (1.4)	8-7/8 (224)	6-3/8 (163)
53096	.7 (522)	20,000	84 dB(A)	5/33 (935)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.4 (1.1)	7 (180)	6-3/8 (163)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Drills (CONT'D)
Air Powered



Model 53200 ▲

3/8" CHUCK, 7°, VACUUM

.4 Hp – Rear Exhaust

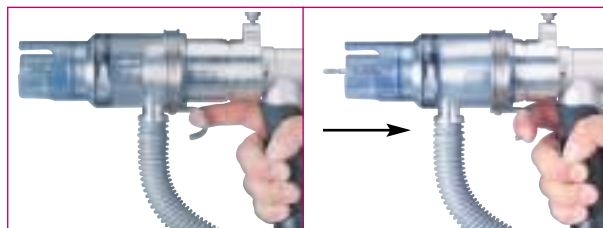
Model 53200

3,200 RPM

Model 53210

5,000 RPM

- Avoid debris falling on workplace while drilling.
- Trigger mechanism allows for one-hand operation of drill.
- Vacuum shroud can be raised, allowing for optimum view of workpiece.
- Insulated rubber grip allows for reduced tool vibration; rear exhaust.
- Great for rivet work; excellent for aluminum and aviation applications.
- Includes 6' long vacuum hose with reusable cloth bag.



Trigger mechanism allows for one-hand operation of drill.



Model 53080 ▼

1/2" CHUCK, 7° OFFSET

.7 Hp – Rear Exhaust

Model 53080

3,400 RPM

Model 53081

4,500 RPM

- Includes safety-lock throttle lever, 1/2" drill chuck and key.
- For best performance use 95676 Coupler/Plug Assembly.



Model 53090 ▼

1/2" CHUCK, PISTOL-GRIP

.7 Hp – Rear Exhaust

Model 53090

950 RPM

- High torque; whisper-quiet; slow-speed start-up trigger.
- Rubber-insulated grip; removable side handle.
- Includes 1/2" drill chuck and key.

NOTES:

TUNE-UP KIT

- Model 53200 and 53210: Tune-Up Kit 96174; Models 53080, 53081: Tune-Up

Kit 96234; Model 53090: Tune-Up Kit 96047.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
53080	.7 (522)	3,400	82 dB(A)	6/46 (1,303)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.9 (2.2)	10-3/4 (274)	7-3/4 (196)
53081	.7 (522)	4,500	82 dB(A)	6/46 (1,303)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.9 (2.2)	10-3/4 (274)	7-3/4 (196)
53090	.7 (522)	950	84 dB(A)	5/33 (935)	3/8 (10)	1/4" NPT	1/2"-20 Male	4.8 (2.1)	10-1/2 (267)	6-3/8 (163)
53200	.4 (298)	3,200	86 dB(A)	3/24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	3.2 (1.45)	10-1/2 (267)	10 (254)
53210	.4 (298)	5,000	86 dB(A)	3/24 (680)	1/4 (6)	1/4" NPT	3/8"-24 Male	3.2 (1.45)	10-1/2 (267)	10 (254)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Routers

Air Powered Tool For Routing

.7 Hp – Front Exhaust

Model 51330

20,000 RPM

- Ideal for chamfers and roundover cuts on hardwoods, softwoods, solid surfaces or plastics. Also great for laminate trimming, surface planing, beveling and cornering.
- Lightweight, non-marring composite fixed base allows for 90° cuts. Base has easy height adjustment.
- Safety-lock throttle lever is standard.
- Front exhaust directs chips away from cutter.
- Spindle locks to allow easy, one-wrench cutter changing.
- Uses high-speed steel router bits; 1/4" diameter shank capacity. With optional 1/8" collet insert, 1/8" diameter router bits may be mounted.
- Guide rails included (shown); ideal for use on solid surface glue seams.



Model 51330 ▲



Model 51330

ROUTER KIT

Model 51331

- Includes 51330 Router with 93388 six-piece router bit set.

TUNE-UP KIT

- Model 51330: Tune-Up Kit 96529.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Spindle Thread	Weight Pound (kg)	Base Size Inch (mm)	Height Inch (mm)
51330	.7 (522)	20,000	91 dB(A)	5/34 (963)	3/8 (10)	1/4" NPT	3/8"-24 Male	2.5 (1.1)	3-1/4 (83) x 3-1/2 (89)	8-1/4 (210)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Collet Depth 1-5/8" (41 mm) • Max. Cutter Dia. 1-1/8" (29 mm)

Dynascaler

Air Powered Descaling and Surface Preparing Tools

For heavy-duty industrial, marine or construction applications

- Remove rust, oxide, scale, old paint and tough coatings from most surfaces.
- Use 3M Co. Roto Peen® "bonded shot" flap assemblies.

Model 30304

Straight-Line Air Motor

- For 2" wide work on inside of pipe.

Model 30336

Straight-Line Air Motor

- For 2" wide work on flat surfaces.
- Removal of floor paint/coatings, scarify concrete.

Model 30337

Right-Angle Air Motor

Model 30303

2" Wide

- 20-slot hub for Roto Peen®.

Model 31600

3" Wide

Model 30200

1" Wide Top and Bottom

- "Over-under" simultaneous removal of scale, etc.



Model 30304 ▼

Model 30336



Model 30200 ▼

Model 30303 ▼

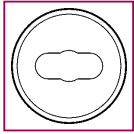
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Stockade Filers

Air Powered Reciprocating Filer



Model 12200 ▼



Opening Dimensions

6.3 mm center diameter
x 13 mm width
(approx. 1/4" x 1/2")



Model 12202 ▼

STOCKADE FILER

.4 Hp – Rear Exhaust

- Safety-lock lever throttle is standard.
- Built-in air-flow regulator.
- Order files separately.

Model 12200

- Has 1/4" round file holder opening for accepting files with 1/4" diameter shank.
- 96261 Motor Tune-Up Kit available to maintain tool in tip-top shape.

Model 12201

- Includes 12197 File Adapter for mounting all Dynabrade 6" long files.



STOCKADE FILER KIT

Model 12202

- Includes: 12201 Stockade Filer, three files (90980, 90982, 90984) and 90977 Grit-File Abrasive Kit, described below.



Part Number 90977

Grit-File Abrasive Kit

Part Number 90977

Includes:

- 40 abrasive strips (1/4" and 1/2" wide) which mount to spring-steel extenders to reach areas as small as 1/8".
- 80 and 180 grit strips are included with 4-1/2" and 6" long extenders.
- Sponge-base and cork-base Dynapad® platens are included which may be mounted to the extenders to support the abrasive strips.

TUNE-UP KIT

- All models this page:
Tune-Up Kit 96261.



Model 12200

6" (152 mm) Long Files

Part Number	Name	Shape	Shank	Cut
90980	Pillar	■	5/32" (4 mm) x 7/16" (11 mm)	"00" Very Coarse
90981	Half Round	◐	5/32" (4 mm) x 7/16" (11 mm)	"00" Very Coarse
90982	Round	●	1/4" (6 mm) Dia.	"00" Very Coarse
90983	Triangular	▲	5/32" (4 mm) x 1/2"	"00" Very Coarse
90984	Square	■	1/4" (6 mm) Dia.	"00" Very Coarse
90985	Pillar	■	5/32" (4 mm) x 7/16" (11 mm)	"0" Coarse
90986	Half Round	◐	5/32" (4 mm) x 7/16" (11 mm)	"0" Coarse
90988	Triangular	▲	5/32" (4 mm) x 1/2" (10 mm)	"0" Coarse
90989	Square	■	1/4" (6 mm) Dia.	"0" Coarse
90905	Foundry	◐	1/4" (6 mm) Dia. to 1/8" (3 mm) Tapered	"00" Very Coarse

Model Number	Motor HP (W)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Stroke Inch (mm)	Strokes per Minute	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
12200	.4 (298)	89 dB(A)	3/21 (595)	13/32 (10)	2,400	3/8 (10)	1/4" NPT	2.4 (1.1)	10- (254)	1-1/2 (38)
12201	.4 (298)	89 dB(A)	3/21 (595)	13/32 (10)	2,400	3/8 (10)	1/4" NPT	2.4 (1.1)	10- (254)	1-1/2 (38)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Stockade Sander and Stockade Saw

Air Powered Reciprocating Sanders and Saws

STOCKADE SANDER

Model 12204 ▼

Model 12204

- Has 5" long x 1/2" wide spring-steel extender which accepts stick-on coated abrasive strips.
- 80 and 180 grit abrasive strips are included.
- Three platen pads are included which may be mounted to the extender as a backing for the abrasive strip.
- Safety-lock lever throttle is standard; rear exhaust.



Model 12205 ▼

STOCKADE SAW

Model 12205

- For wood, metal composites, fiberglass and other industries!
- Built-in air-flow regulator.
- Safety-lock lever throttle is standard; rear exhaust.
- Includes: 12212 Saw Holder Adapter, 12183 Saw-Guide, 90935 General-Purpose Saw Blade.



Model 12207 ▼

STOCKADE SAW KIT

Model 12206

- Saws included are for a variety of uses: metal, fiberglass, wood and much more!
- Includes: 12205 Stockade Saw, 90933 Saw Blade Pak.



Model 12206 ▼

STOCKADE FILER/SAW KIT

Model 12207

- 12205 Stockade Saw.
- Three adapters:
 - 12197 for Dynabrade 6" long files.
 - 12211 for foundry file.
 - 12212 for saw blades.
- 12183 Saw Guard Assembly (must be used with saw blades).
- Two 6" long files (90980 Pillar; 90983 Triangular).
- One 5-1/2" long foundry file (90905).
- Two saw blades (90934, 90935).

Saw Blades for Stockade Reciprocating Saws

Part Number	Blade Type	Description	Shape
90934	Metal/Fiberglass Cutting	Silver • Long Life • Bi-Metal	
90935	Metal Cutting	White • Long Life • Bi-Metal	
90936	Metal Cutting	White • Long Life • Bi-Metal	
90937	Metal Cutting	White • Long Life • Bi-Metal	
90938	Metal Scroll Heavy Duty	White • Long Life • Bi-Metal	
90939	Wood Cutting/Stiff Back	White • Bi-Metal	

NOTES:

TUNE-UP KIT

- All models this page: Tune-Up Kit 96261.



Model 12204

Model Number	Motor HP (W)	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Hose I.D. Size Inch (mm)	Air Inlet Thread	Strokes Inch (mm)	Strokes per Minute	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
12204	.4 (298)	89 dB(A)	3/21 (595)	1/4 (6)	1/4" NPT	13/32 (10)	2,400	2.4 (1.1)	10 (254)	1-1/2 (38)
12205	.4 (298)	89 dB(A)	3/21 (595)	3/8 (10)	1/4" NPT	13/32 (10)	2,400	2.4 (1.1)	10 (254)	1-1/2 (38)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

Dynadie® III

Air Powered Reciprocating Filer for Precise Filing and Finishing



Model 12250 ▲



Model 12250

- Use on metal, wood, plastic, fiberglass, etc.
- Replaces tedious hand filing - enter narrow slots.
- Barrel indexes 360° for total operator comfort and control.
- Variable length stroke from 0-1/4"; 5,000 strokes per minute.
- Accepts 1/4" dia. or 1/8" dia. shanked files. Order files separately.
- Built-in air-flow regulator.
- Thermal-insulated handle reduces cold air transmission to operator.
- Order files separately.

6" (152 mm) Long Files

Part Number	Name	Shape	Shank	Cut
90982	Round	●	1/4" (6 mm) Dia.	"00" Very Coarse
90984	Square	■	1/4" (6 mm) Dia.	"00" Very Coarse
90989	Square	■	1/4" (6 mm) Dia.	"0" Coarse

Swiss Pattern Files

3-1/2 -4" (89-102 mm) Lengths - 1/8" (3 mm) Dia. Shank

File/Cut	Equaling	Three Square	Half Square	Round	Crochet	Round
Straight File Medium Cut 1	90900	90910	90920	90930	90940	90950
Curved File Fine Cut 2	90901	90911	90921	90931	90941	90951

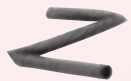
NOTES:

TUNE-UP KIT

- Model 12250: Tune-Up Kit 96533.

ACCESSORIES

- Optional 94994 Overhose Assembly may be used to further reduce noise levels by as much as 5 dB(A). Air line sold separately.



Model Number	Motor HP (W)	Sound Level	Air Flow Rate CFM/SCFM (LPM)	Stroke Inch (mm)	Strokes Per Minute	Hose I.D. Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
12250	.2 (142)	77 dB(A)	2/18 (509)	1/4 (6)	5,000	3/8 (10)	1/4" NPT	1.8 (.82)	6-5/8 (170)	4-1/8 (106)



Continued Leadership in Portable Abrasive
Power Tool Technology

Accessories

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Dynaswivel®	K-1	Downdraft Sanding Table	K-22
Filter-Regulator-Lubricator	K-2	Hose and Vacuum Accessories	K-23
Couplers and Plugs	K-3	Hose Cuffs	K-24
Coupler and Plug Assemblies	K-4	Vacuum Conversions Kits	K-24
DynaJet™ In-Line Blow Gun	K-4	Overskirt Shrouds	K-24
Air Supply Accessories	K-5	Dust Collection Receptacles	K-25
Air Line Lubricants and Grease	K-5	Self-Contained Dust Collection Systems	K-25
Leveling Jacks	K-6	Exhaust Hoses	K-25
Disc Sanding Pads and Assemblies	K-7	Arbors	K-26
Disc Mount Assembly and Wheel Mounting Adapter Kit	K-7	Safety-Lock Throttle Levers	K-26
Wet and Dry Sander/Buffer Disc Pads	K-8	Side Handles	K-26
Polishing Pads	K-8	Collets and Inserts	K-27
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Dynaswivel® Air Line Connector

Never Fight an Air Hose Again!

For use with most air tools... grinders, sanders, glue guns, staple guns, drills, buffers, etc.

- The Dynaswivel® is a patented "universal-joint" that connects portable air tools to an air line. (Patent No. D-295,552; D-295,553; D-317,818.)
- Improves tool maneuverability and air flow, minimizes operator fatigue and extends hose life.

ORIGINAL CONSTRUCTION

- Aluminum and stainless steel construction.

95461 ▶



COMPOSITE CONSTRUCTION

- Non-marring composite construction; industrial quality.

94300 ▶



SINGLE-PIVOT

- Right angle "single-pivot" swivels 360° at one location.
- Designed to permit air hose to extend horizontally away from tool while allowing 360° tool maneuverability.
- Great for stationary equipment.

95460 ◀



DOUBLE-PIVOT

- **SWIVELS 360° AT TWO PIVOT POINTS** allowing the air hose to drop directly to the floor while providing superb tool handling.

95460 ▶



FLOW CONTROL

- Finger-tip air-flow control dial.

◀ 94407



SMALL TOOL

- Ideal for light production and assembly line operations.
- Excellent for use on small screwdrivers and drills.



HEAVY DUTY

- For large capacity tools with air flow above 65 SCFM.

95690 ▲



THE PROBLEM



THE SOLUTION!



DYNASWIVEL® DISPLAY PAK

Model 96177

- Includes one counter top display box and ten 94300 Dynaswivel® Air Line Fittings.



The Choice is Yours

Dynaswivel® Air Line Connectors are Offered in a Variety of Configurations

Part Number	Thread Size	Original Construction	Composite Construction	Single Pivot	Double Pivot	Flow Control	Air Flow Range SCFM (LPM)	Small Tool	Standard Tool	Heavy Duty	Weight (kg)
94300*	1/4" NPT		✓		✓		up to 33 (935)		✓		2.15 oz. (.06)
94407*	1/4" NPT		✓		✓	✓	up to 46 (1,303)		✓		2.4 oz. (.08)
95460**	1/4" NPT	✓			✓		up to 25 (708)			✓	0.20 lbs. (.09)
95461**	3/8" NPT	✓			✓		26-45 (1,275)			✓	0.40 lbs. (.18)
95462**	1/2" NPT	✓			✓		46-65 (1,840)			✓	0.80 lbs. (.36)
95590**	1/4" NPT	✓		✓			up to 25 (708)		✓		0.12 lbs. (.05)
95591**	3/8" NPT	✓		✓			26-45 (1,275)		✓		0.26 lbs. (.12)
95592**	1/2" NPT	✓		✓			46-65 (1,840)		✓		0.47 lbs. (.21)
95690**	3/4" NPT	✓			✓		above 65 (1,840)			✓	1.50 lbs. (.68)
95734**	1/4" NPT	✓			✓	✓	up to 25 (708)			✓	0.25 lbs. (.11)
95852**	1/8" Male x 25 1/4" NPT Female	✓			✓		up to 25 (708)	✓			0.19 lbs. (.08)

IMPORTANT: 150 PSIG (10.3 Bar) maximum on all models

***NOTE:** Do not exceed recommended torque value of 20' lbs. (28-30 newton meters)

****NOTE:** Do not use on percussion tools or in areas of high mechanical abuse

Filter-Regulator-Lubricator

Cost Effective Solutions For Air Supply Systems

FILTER-REGULATOR-LUBRICATOR

- Provides accurate air pressure regulation, two stage filtration of water/contaminants and lubrication of pneumatic components.
- Complete FRL models include two 11412 Modular Connectors.
- Filter contains a 20-micron primary filter element.
- Regulator features safety-lock knob for maintaining accurate air pressure regulation.
- Lubricator features adjustable oil drop to meter the amount of oil into the air system.

FILTER

- Two stage filtration of water/contaminants from the air system.

REGULATOR

- Features safety-lock knob for maintaining accurate air pressure regulation.

LUBRICATOR

- Adjustable oil drop to meter the amount of oil into the air system.

FILTER-REGULATOR

- Models include one 11412 Modular Connector with wall-mounting capabilities.
- Filter features two stage filtration of water/contaminants from the air system.
- Regulator features safety-lock knob for maintaining accurate air pressure regulation.

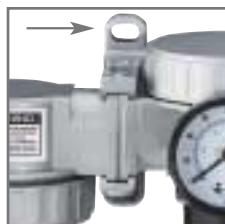
REGULATOR-LUBRICATOR

- Models include one 11412 Modular Connector with wall-mounting capabilities.
- Regulator features safety-lock knob for maintaining accurate air pressure regulation.
- Lubricator features adjustable oil drop to meter the amount of oil into the air system.

MODULAR BRACKET ASSEMBLY

Part Number 11412

- Used for connecting FRL components together.
- Built-in wall mounting bracket.



NOTES:

TECH TIP

- The supply of air must be free of contamination. The types of contamination that need to be eliminated are water, rust scale and atmospheric dust.

- Lubrication (oil) through the air supply is important for rotary vane style air motors. Supplying oil reduces friction and wear of the moving parts while providing a protective coating for steel components.

Part Number	Air Inlet Thread	Filter	Regulator	Lubricator
11405	3/8" NPT	✓	✓	✓
11400	3/8" NPT	✓		
11401	3/8" NPT		✓	
11403	3/8" NPT			✓
11402	3/8" NPT	✓	✓	
11404	3/8" NPT		✓	✓
11411	1/2" NPT	✓	✓	✓
11406	1/2" NPT	✓		
11407	1/2" NPT		✓	
11409	1/2" NPT			✓
11408	1/2" NPT	✓	✓	
11410	1/2" NPT		✓	✓

Additional Specifications: Max. Air Flow 140 PSIG (9.7 Bar) • Female Ports
 3/8" NPT = 40 SCFM (1,133 LPM) @ 100 PSIG (6.9 Bar)
 1/2" NPT = Up to 55 SCFM (1,558 LPM) @ 100 PSIG (6.9 Bar)

NOTE: For installation and maintenance instructions refer to Dynabrade's Filter-Regulator-Lubricator Manual (PD00.72).

Couplers and Plugs

Provide Maximum Air Flow to Tools



STEEL AND BRASS COUPLER

- Durable nickel-plated steel and brass construction.
- Single action quick-connect by just inserting plug into coupler. Pull back on sleeve of coupler for quick disconnect.

COMPOSITE-STYLE COUPLER

- Composite-style design provides maximum air flow to tools.
- Lightweight 1.4 oz., non-marring composite material.
- Heavy duty construction.
- Easy connect/disconnect by single push-button action.
- Shock-proof, low-vibration, crush-resistant.

SAFETY COUPLER

- Unique "Two Step" Safety Disconnect System releases air pressure before tool is disconnected.
- Engineered to minimize air leakage and eliminates "hose whip."
- Aerodynamically-designed valve improves air flow to tool.
- Ergonomically designed for easy one-hand operation.
- Advanced anti-static composite and stainless steel construction; cannot rust or corrode.
- Impact resistant with non-scratch surface.
- Conforms to ISO 4414 standard, and these specifications:
 - 7.2 / 7.4 European full flow profile.

Steel and Brass Coupler	Composite-Style Coupler	Safety Coupler
Female		
Male		
<p>Body Size</p> <p>Thread Size NPT</p>		

Part Number	Body Size	Thread Size NPT	Steel & Brass	Composite	Safety	Air Flow Range SCFM (LPM)
95674	1/4"	1/4" Female	✓			Up to 74 (2,095)
95684	1/4"	1/4" Male	✓			Up to 74 (2,095)
94960	1/4"	1/4" Female		✓		Up to 83 (2,350)
94980	1/4"	1/4" Male		✓		Up to 83 (2,350)
97566	1/4"	1/4" Female		✓	✓	Up to 55 (1,558)
97567	1/4"	1/4" Male		✓	✓	Up to 55 (1,558)
98261	3/8"	3/8" Female	✓			Up to 138 (3,900)
98262	3/8"	3/8" Male	✓			Up to 138 (3,900)
98269	1/2"	1/2" Female	✓			Up to 138 (3,900)
98270	1/2"	1/2" Male	✓			Up to 138 (3,900)

PLUGS

- Durable zinc-plated steel construction.
- Plugs all have "ported" design to prevent "starving" of the air tool.
- Provides up to twice the air flow compared to standard plug design.

Part Number	Body Size	Thread Size NPT	Air Flow Range SCFM (LPM)
95675	1/4"	1/4" Male	Up to 74 (2,095)
95677	1/4"	1/4" Female	Up to 74 (2,095)
96005	1/4"	3/8" Male	Up to 74 (2,095)
98263	3/8"	3/8" Male	Up to 138 (3,900)
98264	3/8"	3/8" Female	Up to 138 (3,900)
98271	1/2"	1/2" Male	Up to 138 (3,900)
98272	1/2"	1/2" Female	Up to 138 (3,900)

Male Plug



Female Plug



Coupler and Plug Assemblies

Provide Maximum Air Flow to Tools



- Assemblies include one coupler and one plug.
- Maximum working pressure: 150 PSIG (10 Bar).
- Temperature Range: -4°F to 212°F (-20°C to 100°C).

Part Number	Coupler Body Size	Coupler Thread Size (NPT)	Steel	Coupler Construction Composite	Safety	Plug Body Size	Plug Thread Size (NPT)	Air Flow Range SCFM (LPM)
95676	1/4"	1/4" Female	✓			1/4"	1/4" Male	Up to 74 (2,095)
95850	1/4"	1/4" Female	✓			1/4"	1/4" Female	Up to 74 (2,095)
95685	1/4"	1/4" Male	✓			1/4"	1/4" Male	Up to 74 (2,095)
95851	1/4"	1/4" Male	✓			1/4"	1/4" Female	Up to 74 (2,095)
94990	1/4"	1/4" Female		✓		1/4"	1/4" Male	Up to 74 (2,095)
94991	1/4"	1/4" Female		✓		1/4"	1/4" Female	Up to 74 (2,095)
94992	1/4"	1/4" Male		✓		1/4"	1/4" Male	Up to 74 (2,095)
94993	1/4"	1/4" Male		✓		1/4"	1/4" Female	Up to 74 (2,095)
97572	1/4"	1/4" Female		✓	✓	1/4"	1/4" Male	Up to 55 (1,558)
97573	1/4"	1/4" Female		✓	✓	1/4"	1/4" Female	Up to 55 (1,558)
97574	1/4"	1/4" Male		✓	✓	1/4"	1/4" Male	Up to 55 (1,558)
97575	1/4"	1/4" Male		✓	✓	1/4"	1/4" Female	Up to 55 (1,558)
98265	3/8"	3/8" Female	✓			3/8"	3/8" Male	Up to 138 (3,900)
98266	3/8"	3/8" Female	✓			3/8"	3/8" Female	Up to 138 (3,900)
98267	3/8"	3/8" Male	✓			3/8"	3/8" Male	Up to 138 (3,900)
98268	3/8"	3/8" Male	✓			3/8"	3/8" Female	Up to 138 (3,900)
98273	1/2"	1/2" Female	✓			1/2"	1/2" Male	Up to 138 (3,900)
98274	1/2"	1/2" Female	✓			1/2"	1/2" Female	Up to 138 (3,900)
98275	1/2"	1/2" Male	✓			1/2"	1/2" Male	Up to 138 (3,900)
98276	1/2"	1/2" Male	✓			1/2"	1/2" Female	Up to 138 (3,900)

DynaJet™ In-Line Blow Gun

Clean Off Work Surfaces Without Disconnecting!

- Connects only one time...mounts permanently between coupler and air hose.
- Purges air line of water and contaminants before starting up air tools.
- Durable aluminum construction, weighs only 2 oz.
- Each unit has 1/4" female NPT thread at both ends for easy installation.

Part Number 94466

Standard Design

- Provides no restriction of air line pressure.

Part Number 94467

Safety Tip Design

- Reduces line pressure down to 30 PSIG (2 Bar).
- Meets O.S.H.A. requirements of special relief hole in nozzle which limits pressure to 30 PSIG (2 Bar) when dead ended and used on an air line of 150 PSIG (10.3 Bar) or less.



▲ Part Number 94466

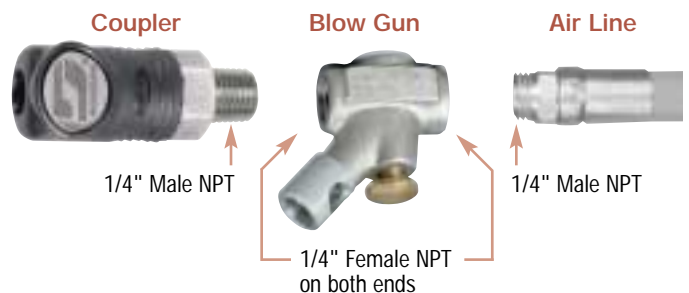


▲ Part Number 94467

Part Number	Thread Size	Weight	Recommended Air Flow Range
94466	1/4" Female NPT	2 oz.	up to 35 SCFM
94467	1/4" Female NPT	2 oz.	up to 35 SCFM

150 PSIG (10.3 Bar) maximum on all models

Proper Installation for DynaJet™ In-Line Blow Gun Connection



Air Supply Accessories

Cost-Effective Solutions for Air Systems

SWIVEL AIR LINE HOSES

- Eliminates kinking, fittings swivel 360° for easy use.
- Tough, flexible and lightweight.



Part Number	Hose O.D.	Hose I.D.	Length	Description
96217	1/4"	5/32"	3 ft.	1/4" female to 1/4" male
96218	1/4"	5/32"	3 ft.	1/4" female to 1/8" male
96219	1/4"	5/32"	6 ft.	1/4" female to 1/4" male
96220	1/4"	5/32"	6 ft.	1/4" female to 1/8" male
96221	1/4"	5/32"	Custom	Hose by the foot (no fittings). Order fittings separately, if desired.
96222	3/8"	1/4"	3 ft.	1/4" female to 1/4" male
96223	3/8"	1/4"	6 ft.	1/4" female to 1/4" male
96224	3/8"	1/4"	Custom	Hose by the foot (no fittings). Order fittings separately, if desired.

FLEXIBLE AIR LINE ASSEMBLIES

Part Number	Hose I.D.	Female Fittings	Male Fittings	Length
95361	1/4"	1	1	5 Feet
95580	1/4"	1	1	28 Inches
95807	1/4"	0	0	Custom
95938	1/4"	1	1	Custom
11292	3/8"	0	2	8 Feet
95870	1/2"	1	1	5 Feet

NOTE: 95807: Specify length
 95938: Specify length; includes one set factory-installed male and female fittings



FITTINGS

Part Number	For Use With	Description
96225	1/4" Hose	1/4" NPT female
96226	1/4" Hose	1/4" NPT male
96227	1/4" Hose	1/8" NPT male
96228	3/8" Hose	1/4" NPT female
96229	3/8" Hose	1/4" NPT male



SPEED CONTROL DIAL

Mounts Directly to Air Tool



Part Number 95745

1/4" NPT connection

- Up to 25 SCFM.

NOTE: For Flow-Control Dynaswivel® air line connector see page K-1.

Part Number 95746

3/8" NPT connection

- Up to 26-45 SCFM.

Lubricants and Grease

Help Prevent Downtime

DYNABRADE AIR LUBE (10W/NR)

- Formulated for pneumatic equipment.
- Absorbs up to 10% of its weight in water.
- Prevents rust and formation of gum/sludge for longer tool operation with greater power and less downtime.

Part Number 95821

4 oz. (118 ml)

Part Number 95842

1 pt. (473 ml)

Part Number 95843

1 gal. (3.8 l)

IMPORTANT: General air tool maintenance begins with motor lubrication. Filter-lubricators, see page K-2, are also necessary for greater performance and increased life of air tools. Dynabrade tools must be used with filter-lubricators to maintain all warranties.



GEAR OIL

Part Number 95848

2.5 oz. (74 ml) tube

- Formulated for Dynabrade geared tools utilizing a wick-type lubrication system. Apply every 8 hours of operation into tool's lubrication fitting.
- For use with our sander/polishers (Section G), right angle disc sanders (Section H), right angle die grinders (Section H), depressed center wheel grinders (Section I), and wet polisher/sanders (page Section F).
- Failure to lubricate will cause premature gear failure and void warranty.
- Easy to apply using with Dynabrade P/N 95541 Grease/Oil Gun (shown, sold separately).

Note: For non wick-type lubrication systems, use 95542 Gear Grease.



GREASE

- Multi-purpose grease for all types of bearings, cams, gears.
- High film strength; excellent resistance to water, steam, etc.
- Workable range 0° F to 300° F.

Part Number 95541

Push-type Grease Gun

- One-hand operation.

Part Number 95542

10 oz. (283.5 g) tube



Leveling Jacks

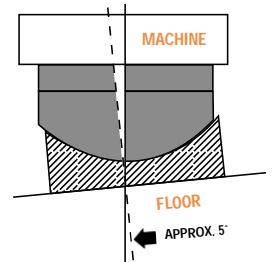
For Precision Machine Leveling and Support

Ensure consistent stability and optimal machine performance

- Compact, lightweight design.
- Lower surface of wedge is specially contoured to float laterally within concave base unit, automatically compensating for uneven floor conditions up to 5 degrees of slope.
- Black oxide finish resistant to corrosion and rust. Grooved top allows oils and liquids to run out; also helps dissipate vibration.
- Wedge action allows easy adjustment of height (1/4" - 3/8") with the turn of a wrench.
- Both models shown with optional Vibration-Absorbing Mounting Pad.



Model 60200 ▲



WEDGE-ACTION LEVELING JACKS

- Two-piece design that provides solid support from 3,000 to 9,000 pounds/foot.
- Low-profile leveling jack is ideal for applications constricted by reduced height.

VERTICAL MOTION LEVELING JACKS

- Three-piece design combines the advantages of a wedge-action jack with vertical lift capabilities in one unique and practical unit.
- Level and support up to 30,000 pounds/foot.
- Use with or without anchor bolts, depending upon installation. When anchor bolts are used, they pass through the entire assembly without interfering with the leveling action.



Model 60202 ▲

VIBRATION-ABSORBING MOUNTING PADS

- Recommended to reduce the transmission of internal machine noise to the building structure and dissipate transmitted vibrations from one machine to another.
- Unique design offers vibration-absorbing capacity of up to 90%.
- Pads are resistant to oil, grease and acids. They resist breakdown under load and over time.
- See chart below for Leveling Jack/mounting pad assembly numbers.

Vi-Sorb Pads

- Provide basic vibration reduction.
- Available with all models of Dynabrade Leveling Jacks. Also sold separately.



Vi-Damp II Pads

- Highly recommended, innovative polymer construction affords increased vibration reduction at heavier weights.
- Available with Dynabrade Leveling Jacks of 15,000-30,000 pound/foot capacity. Also sold separately.



Vi-Sorb Pad

1/4" (6 mm) Pad	1/2" (13 mm) Pad	3/4" (19 mm) Pad	For Use With
91969	91978	91855	60200, 60201
91966	91965	91886	60202
91968	91967	91984	60203, 60204
43%	74%	80%	Vibration Reduction

Vi-Damp II Pad

1/4" (6 mm) Pad	1/2" (13 mm) Pad	3/4" (19 mm) Pad	For Use With
91962	91961	91887	60202
91964	91963	91988	60203, 60204
48%	79%	90%	Vibration Reduction

Leveling Jack Specifications

Model Number	Recommended Max. Lifting Weight	Rise	Height x Width x Length	Weight lbs.	Anchor Bolt Hole Dia.
60200	3,000 lbs.	1/4"	1-1/8" x 3-1/2" x 6"	5	-
60201	9,000 lbs.	3/8"	2-1/4" x 3-1/2" x 6"	11	-
60202	15,000 lbs.	3/16"	2-3/8" x 3-1/2" x 6"	11	1"
60203	20,000 lbs.	1/4"	2-3/4" x 3-1/2" x 6"	14	1-1/8"
60204	30,000 lbs.	1/4"	2-3/4" x 3-1/2" x 6"	14	1-1/8"

Leveling Jack/Mounting Pad Assemblies

with 1/4" Vi-Sorb	with 1/2" Vi-Sorb	with 3/4" Vi-Sorb	with 1/4" Vi-Damp II	with 1/2" Vi-Damp II	with 3/4" Vi-Damp II
60205	60206	60207	-	-	-
60208	60209	60210	-	-	-
60211	60212	60213	60217	60218	60229
60214	60215	60216	60219	60220	60231
60230	60221	60232	60233	60234	60235

Disc Sanding Pads and Assemblies

Abrasive Discs and Buffing Accessories

Use tool RPM and abrasive manufacturer's maximum operating speed as your guidelines for compatibility

FOR PSA-TYPE DISCS

2" Dia. Pads

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



FOR LOCKING-TYPE DISCS

2", 3" and 4" Dia. Pads

- A quick turn of the disc locks it into place.



DISC PAD ASSEMBLIES

2" Dia. Pads

- Includes pad specified in chart and 50103 Pad Adapter; converts 1/4"-20 male thread to 1/4" dia. shank for use with collets and chucks.



Assembly Number	Included Pad	Pad Dia. Inch (mm)	PSA	Locking Type	Pad MOS RPM	Density
50111	50107	2 (51)	✓		20,000	Medium
50118	50110	2 (51)		✓	25,000	Medium
50130	50137	2 (51)		✓	25,000	Hard

Part Number	Diameter Inch (mm)	PSA	Locking Type	Pad MOS RPM	Thread	Density
50107	2 (51)	✓		20,000	1/4"-20 Female	Medium
50109	2 (51)	✓		20,000	3/8"-24 Female	Medium
50110	2 (51)		✓	25,000	1/4"-20 Female	Medium
50137	2 (51)		✓	25,000	1/4"-20 Female	Hard
50142	2 (51)		✓	30,000	1/4"-20 Female	Medium
50112	3 (76)		✓	18,000	1/4"-20 Female	Medium
50119	3 (76)		✓	18,000	3/8"-24 Female	Medium
50143	3 (76)		✓	20,000	1/4"-20 Female	Medium
50115	3 (76)		✓	20,000	1/4"-20 Female	Hard
50113	3 (76)		✓	20,000	3/8"-24 Female	Hard
50131	4 (102)		✓	12,000	3/8"-24 Female	Medium
50132	4 (102)		✓	12,000	3/8"-24 Female	Hard

SPIRALCOOL® DISC SANDER DISC PADS

4", 5", 7" and 9" Diameter

- Spiral ribs provide contact points and form air flow channels extending disc life.
- Slotted hub draws cool air behind the disc.
- Optional 96038 Spanner Wrench, available to tighten flange nut.



Part Number	Pad Dia. Inch (mm)	Pad MOS RPM	Included Flange Nut	Thread	Density
50281	4 (102)	11,000	50286	5/8"-11 Female	Medium
50282	5 (127)	10,000	50286	5/8"-11 Female	Medium
50283	7 (152)	8,500	50287	5/8"-11 Female	Medium
50284	9 (229)	6,500	50287	5/8"-11 Female	Medium

Spiralcool is a registered trademark of Spiralcool Company

NOTE: Most disc sander models will need 0,1 or 2 spacers (97311), included, to allow correct spacing when mounting.

DISC SANDER BACKING PADS

4-1/2", 5" and 7" Diameter

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



Part Number	Pad Dia. Inch (mm)	Pad MOS RPM	Thread	Density
50288	4-1/2 (114)	13,000	5/8"-11 Female	Hard
50296	5 (127)	12,000	5/8"-11 Female	Hard
50297	7 (178)	8,500	5/8"-11 Female	Hard

Disc Mount Assembly and Wheel Mounting Adapter Kit

DISC MOUNT ASSEMBLY

Part Number 50263

4-1/2"-5" Diameter Discs

- 50264 Mount and 50268 Flange Nut have 5/8"-11 thread.
- Accepts discs with center hole.
- 1-3/4" diameter mount allows for maximum disc flexibility.



WHEEL MOUNTING ADAPTER KIT

Part Number 11399

Type 27 Wheel Mount

- For use with larger than 5" diameter Type 27 grinding wheels mounted on Depressed Center Wheel Grinders.

NOTE: Use only Type 27 reinforced depressed center wheels.



Wet and Dry Sander/Buffer Disc Pads

For use with Abrasive Discs and Polishing Pads

Use tool RPM and abrasive manufacturer's maximum operating speed as your guidelines for compatibility

WET AND DRY SANDER/BUFFER DISC PADS



▲ Part Number 50947



▲ Rigid Backing

HOOK-FACE RIGID BACKING

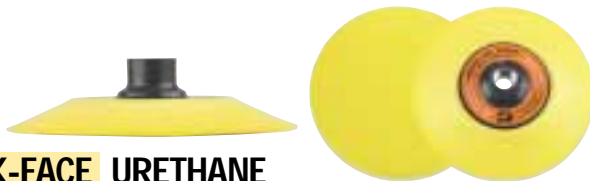
Part Number	Diameter Inch (mm)	Nap	Pad MOS RPM	Thread	Screws
50146	5 (127)	Short	6,000	1/4"-20 Female	-
50147	5 (127)	Short	6,000	3/8"-24 Female	-
50884	5 (127)	Short	10,000	5/8"-11 Female	-



HOOK-FACE FOAM BACKING

Part Number	Diameter Inch (mm)	Nap	Pad MOS RPM	Thread	Screws
50946	6 (152)	Short	3,200	5/8"-11 Female	-
50947	8 (203)	Short	3,200	5/8"-11 Female	-
54337	8 (203)	Short	1,500	-	5

NOTE: Part Number 54337 is weight-mated to Model 58445 (8" Gear-Driven Orbital Sander)



HOOK-FACE URETHANE

Part Number	Diameter Inch (mm)	Nap	Pad MOS RPM	Thread	Density
57544	5 (127)	Short	13,000	5/8"-11 Female	Medium
57545	6 (152)	Short	13,000	5/8"-11 Female	Medium

NOTE: Above pads are long tapered with an extremely flexible edge for sanding contours

Rubber-Face, Soft Pads for PSA and Screen Abrasives

- 3/8" center hole.



PSA RUBBER-FACE

Part Number	Diameter Inch (mm)	Backing	Pad MOS RPM	Thread	Density
50828	6 (152)	Foam	3,200	5/8"-11 Female	Soft
50829	8 (203)	Foam	3,200	5/8"-11 Female	Soft

MINI-DYNORBITAL DISC PADS

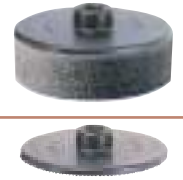
3" Diameter

- Compatible with angle-head and palm-style Mini-Dynorbital sanders; Angle-Head Buffers.
- Hook-face pads accept reattachable abrasive discs as well as polishing buff pads.
- 5,000 RPM maximum.



HOOK-FACE

Part Number	Thread Size	Foam Backing	Rigid Backing
50120	1/4"-20 Female	✓	
50122	3/8"-24 Female	✓	
50125	1/4"-20 Female		✓
50126	3/8"-24 Female		✓



Polishing Pads

For Use With Buffer/Polishers

Hook-Face



3" (76 mm) DIA.

Part Number	Description	Type	Color
90027	Terry Cloth	Polishing	White
90028	Synthetic Wool	Polishing	White
90038	Foam Flat	Polishing	White
90044	Foam Flat	Cutting	Yellow
90080	Natural Sheepskin Wool	Polishing	White

5" (127 mm) DIA.

Part Number	Description	Type	Color
90036	Natural Sheepskin Wool	Polishing	Tan
90040	Foam Flat	Polishing	White
90045	Foam Flat	Cutting	Yellow
90081	Natural Sheepskin Wool	Polishing	White

3-1/4" (83 mm) DIA.

Part Number	Description	Type	Color
90070	Foam Waffle	Polishing	Orange

5-1/4" (133 mm) DIA.

Part Number	Description	Type	Color
90063	Foam Waffle	Polishing	Orange

3-1/2" (89 mm) DIA.

Part Number	Description	Type	Color
90034	Natural Sheepskin Wool	Polishing	Tan

6" (127 mm) DIA.

Part Number	Description	Type	Color
54330	Foam Flat	Polishing	Yellow
90046	Foam Flat	Cutting	Yellow
90047	Foam Flat	Polishing	White

NOTE: Part Number 54330 has 5/16"-24 male thread

3-3/4" (95 mm) DIA.

Part Number	Description	Type	Color
90071	Foam Waffle	Polishing	Orange

7" (178 mm) DIA.

Part Number	Description	Type	Color
90082	Natural Sheepskin Wool	Polishing	White

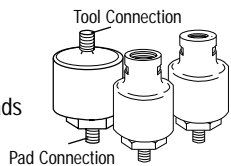
Mini-Dynorbital® Sanding Heads and Disc Pads

Greatly Enhance Versatility of Mini-Dynorbital Sander Models

SANDING HEADS

For 1/4"-20 Female Thread Pads

- Accepts 3" and smaller diameter sanding pads with 1/4"-20 female thread.



Part Number	Tool Connection	Pad Connection	Standard on
54028	1/4"-28 Male	1/4"-20 Male	53400
54034	3/8"-24 Female	1/4"-20 Male	51410, 57500, 57501, 54317
54476	1/4"-20 Female	1/4"-20 Male	57550

For Male Locking-Type Thread Pads

- Accepts 3" and smaller dia. sanding pads with male locking-type threads such as 3M Roloc.



Part Number	Tool Connection	Pad Connection	Standard on
54029	1/4"-28 Male	Locking-Type Female Thread	53401
54035	3/8"-24 Female	Locking-Type Female Thread	51411, 54315
54030*	1/4"-28 Male	Locking-Type Female Thread	53410

*: For Rotary Sanding

Roloc is a registered trademark of 3M Company

MINI-DYNORBITAL SANDING PADS

All Pads: 5,000 RPM Maximum Operating Speed

Part Number	3/4" (19 mm)	1-1/4" 32 mm)	Medium Rubber	Soft Vinyl	Hook-Face	Thread
54017	✓		✓			1/4"-20 Female
54018		✓	✓			1/4"-20 Female
54031		✓		✓		Locking-Type
54033		✓	✓			Locking-Type
54087	✓			✓		1/4"-20 Female
54088		✓		✓		1/4"-20 Female
54089	✓				✓	1/4"-20 Female
54090		✓			✓	1/4"-20 Female

NOTE: To mount pads that have 1/4"-20 female thread directly to tool for conventional rotary action, use 54021 Adapter (see pg K-27).

Soft Locking-Type Pad

- Sponge, foam facing.



Medium Dual-Density

- For wet sanding operations. 1/4" (6 mm) thick sponge, 60 duro rubber.



Soft Density

- 1/4" (6 mm) thick sponge, vinyl-face.



Hook 'n Loop

- For use with non-woven nylon discs.



Dynabug "Model T" Sanding Pads

Balanced and Weight-Mated to Dynabrade Tools

All pads: 20,000 RPM maximum operating speed



5" DIAMETER

(127 mm)

Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Thickness Inch (mm)	Density
56246	✓		✓		-	9/16 (14)	Soft
56249	✓		✓		-	3/16 (5)	Medium
56247	✓			✓	Short	9/16 (14)	Soft
56248	✓			✓	Short	5/16 (8)	Medium
58086*		✓		✓	Short	5/16 (8)	Medium

*NOTE: Pad 58086 is a channel vac pad for use with Dynabrade's Wet Dynabug

6" DIAMETER

(152 mm)

Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Thickness Inch (mm)	Density
56269	✓		✓		-	5/16 (8)	Medium
56287	✓		✓		-	9/16 (14)	Soft
56268	✓			✓	Short	5/16 (8)	Medium
56288	✓			✓	Short	9/16 (14)	Soft
58093*		✓		✓	Short	5/16 (8)	Medium

*NOTE: Pad 58093 is a channel vac pad for use with Dynabrade's Wet Dynabug

4" W x 4-5/16" L with Clips

(102 mm x 110 mm)

Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Thickness Inch (mm)	Density
57999	✓		✓		-	3/16 (5)	Medium

4-1/4" WIDE x 4-1/2" LONG

(108 mm x 114 mm)

Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Thickness Inch (mm)	Density
56244	✓		✓		-	5/16 (8)	Medium
56245	✓		✓		-	9/16 (14)	Soft
56286		✓	✓		-	3/16 (5)	Medium
56291		✓	✓		-	5/16 (8)	Medium
56293		✓	✓		-	9/16 (14)	Soft
57996	✓			✓	Short	9/16 (14)	Soft
57998	✓			✓	Short	5/16 (8)	Medium
56292		✓		✓	Short	5/16 (8)	Medium
56294		✓		✓	Short	9/16 (14)	Soft
56285		✓		✓	Short	3/16 (5)	Medium

Premium Urethane Sanding Pads

For use with Dynafine™, Dynabug, Dynaline, and 11" File Board Sander

Perfectly balanced and weight-mated to Dynabrade tools

- All pads: 3/8" thick; medium density; resist heat build-up.
- Dynabug pads mount with four screws; all other pads mount with two screws.

Vinyl-Face Pads

- Ideal for PSA-type disc adhesion and allows for quick disc removal.

Hook-Face Pads

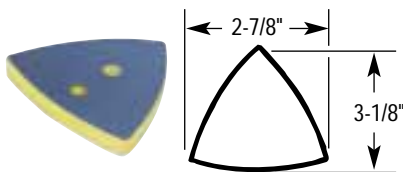
- Short nap pads for use with reattachable discs.
- Long nap pads for use with non-woven nylon discs.



DYNAFINE™ SANDING PADS

Triangular Shaped Pads

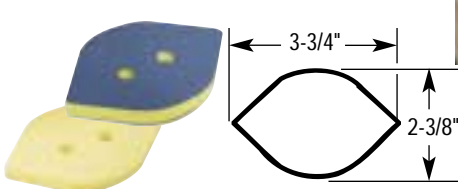
- Fit all Dynabug and Dynaline sanders.



Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Density
57950	✓		✓		-	Medium
57951	✓			✓	Short	Medium

Tear Drop Shaped Pads

- Fit all Dynabug and Dynaline sanders.



Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Density
57952	✓		✓		-	Medium
57953	✓			✓	Short	Medium

2" and 3" Diameter Round Pads

- Fit all Dynabug and Dynaline sanders.



Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Density
57952	✓		✓		-	Medium
57953	✓		✓		-	Medium

DYNABUG AND DYNALINE SANDING PADS

3-2/3" (93 mm) Wide x 7" (178 mm) Long

- Fit all Dynabug and Dynaline sanders.



Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Density
57850	✓		✓		-	Medium
57851	✓			✓	Short	Medium
57852	✓			✓	Long	Medium
57855		✓	✓		-	Medium
57856		✓		✓	Short	Medium

DYNALINE SANDING PADS

2-3/4" (70 mm) Wide x 8" (203 mm) Long

- All pads fit Dynaline sanders, non-vac pads also fit 11" File Board sander.



Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Density
57454	✓		✓		-	Medium
57456	✓			✓	Short	Medium
57471	✓			✓	Long	Medium
57455		✓	✓		-	Medium
57457		✓		✓	Short	Medium

11" FILE BOARD SANDING PADS

2-3/4" (70 mm) Wide x 11" (278 mm) Long

- File board sander also accepts 2-3/4" wide x 8" long non-vac sanding pads, see Dynaline Sanding Pads chart.



Part Number	Non-Vacuum	Vacuum	Vinyl Face	Hook Face	Nap	Density
57511	✓		✓		-	Medium
57512	✓		✓		-	Medium
57513	✓			✓	Short	Medium
57514	✓			✓	Long	Medium

Random Orbital Sanding Pads

Premium Urethane Pads are Perfectly Weight-Mated for Dynabrade Models

All Pads: 5/16"-24 Male Thread • 13,000 RPM Maximum Operating Speed

- Premium urethane pads resist heat build-up.
- Our exclusive single-piece hub design reduces vibration and wear.
- 5/8" thick pads ideal for sanding intricate contours.
- 8" diameter pads mount with five screws. All other pads have 5/16"-24 male threaded stud.

Non-Vacuum Pads

- High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.



Vacuum Pads

- Vacuum holes are precisely located to achieve proper alignment with abrasive discs for optimum vacuum capabilities.



Channel Vacuum Pads

- 1/8" deep recessed channel. No need to align vacuum holes to pad holes.



Vinyl-Face Pads

- Ideal for PSA-type disc adhesion and allows for quick disc removal.



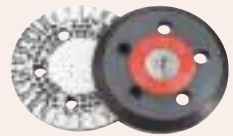
Hook-Face Pads

- Short nap pads for use with reattachable discs.
- Long nap pads for use with non-woven nylon discs.



Rubber Pads

- Low-cost alternative for the economy-minded professional.
- Post pattern design (shown) for enhanced vacuum pick-up. No need to align vacuum holes.



VINYL-FACE 3" DIAMETER

(76 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Holes	Thickness	Density
56084	✓	✓		–	5/8" (16 mm)	Medium
56086	✓	✓		–	5/8" (16 mm)	Soft

NOTE: Our 3" and 3-1/2" pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.



VINYL-FACE 3-1/2" DIAMETER

(89 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Holes	Thickness	Density
56097	✓	✓		–	5/8" (16 mm)	Soft
56098	✓	✓		–	5/8" (16 mm)	Medium

NOTE: Our 3" and 3-1/2" pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

VINYL-FACE 6" DIAMETER

(152 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Holes	Thickness	Density
56102	✓			–	3/8" (10 mm)	Soft
56103	✓			–	3/8" (10 mm)	Soft
56107	✓			–	3/8" (10 mm)	Medium
56177	✓			–	5/8" (16 mm)	Medium
56187	✓			–	5/8" (16 mm)	Soft
56101		✓		6	3/8" (10 mm)	Soft
56105		✓		6	3/8" (10 mm)	Medium
56178		✓		6	5/8" (16 mm)	Medium
56188		✓		6	5/8" (16 mm)	Soft
56261			✓	6	3/8" (10 mm)	Soft
56262			✓	6	3/8" (10 mm)	Medium
56264			✓	6	5/8" (16 mm)	Medium
56266			✓	6	5/8" (16 mm)	Soft

VINYL-FACE 5" DIAMETER

(127 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Holes	Thickness	Density
56102	✓				3/8" (10 mm)	Soft
56106	✓				3/8" (10 mm)	Medium
56175	✓				5/8" (16 mm)	Medium
56185	✓				5/8" (16 mm)	Soft
56100		✓		5	3/8" (10 mm)	Soft
56104		✓		5	3/8" (10 mm)	Medium
56176		✓		5	5/8" (16 mm)	Medium
56186		✓		5	5/8" (16 mm)	Soft
56251			✓	5	3/8" (10 mm)	Soft
56252			✓	5	3/8" (10 mm)	Medium
56254			✓	5	5/8" (16 mm)	Medium
56256			✓	5	5/8" (16 mm)	Soft

VINYL-FACE 8" DIAMETER

(203 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Holes	Thickness	Density
56234	✓			–	3/8" (10 mm)	Medium
56235		✓		8	3/8" (10 mm)	Medium

Random Orbital Sanding Pads

Premium Urethane Pads

All Pads: 5/16"-24 Male Thread • 13,000 RPM Maximum Operating Speed

HOOK-FACE 3" DIAMETER (76 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Nap	Holes	Thickness	Density
56087	✓	✓		Short	-	5/8" (16 mm)	Medium
56090	✓	✓		Long	-	5/8" (16 mm)	Medium

NOTE: Our 3" and 3-1/2" pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

HOOK-FACE 3-1/2" DIAMETER (89 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Nap	Holes	Thickness	Density
54311	✓	✓		Short	-	5/8" (16 mm)	Soft
54313	✓	✓		Short	-	5/8" (16 mm)	Hard
54314	✓	✓		Long	-	5/8" (16 mm)	Medium

NOTE: Our 3" and 3-1/2" pads, without holes, can also be used for vacuum sanding. Vacuum pick-up is around periphery of pad.

HOOK-FACE 5" DIAMETER (127 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Nap	Holes	Thickness	Density
54325	✓			Short	-	3/8" (10 mm)	Medium
56157	✓			Short	-	3/8" (10 mm)	Soft
56180	✓			Short	-	5/8" (16 mm)	Medium
56195	✓			Short	-	5/8" (16 mm)	Soft
54326		✓		Short	5	3/8" (10 mm)	Medium
56155		✓		Short	5	3/8" (10 mm)	Soft
56181		✓		Short	5	5/8" (16 mm)	Medium
56196		✓		Short	5	5/8" (16 mm)	Soft
56250			✓	Short	5	3/8" (10 mm)	Medium
56253			✓	Short	5	3/8" (10 mm)	Soft
56255			✓	Short	5	5/8" (16 mm)	Medium
56257			✓	Short	5	5/8" (16 mm)	Soft



HOOK-FACE 6" DIAMETER (152 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Nap	Holes	Thickness	Density
54327	✓			Short	-	3/8" (10 mm)	Medium
56158	✓			Short	-	3/8" (10 mm)	Soft
56182	✓			Short	-	5/8" (16 mm)	Medium
56197	✓			Short	-	5/8" (16 mm)	Soft
54328		✓		Short	6	3/8" (10 mm)	Medium
56156		✓		Short	6	3/8" (10 mm)	Soft
56183		✓		Short	6	5/8" (16 mm)	Medium
56198		✓		Short	6	5/8" (16 mm)	Soft
56260			✓	Short	6	3/8" (10 mm)	Medium
56263			✓	Short	6	3/8" (10 mm)	Soft
56265			✓	Short	6	5/8" (16 mm)	Medium
56267			✓	Short	6	5/8" (16 mm)	Soft

HOOK-FACE 8" DIAMETER (203 mm)

Part Number	Non-Vacuum	Vacuum	Channel Vacuum	Nap	Holes	Thickness	Density
56236	✓			Short	-	3/8" (10 mm)	Medium
56237		✓		Short	8	3/8" (10 mm)	Medium

Random Orbital Sanding Pads

Rubber Pads for the Economy-Minded Professional

All Pads: 5/16"-24 Male Thread • 12,000 RPM Maximum Operating Speed

RUBBER DIAMOND PATTERN

Part Number	Diameter Inch (mm)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density
50630	5 (127)	✓		-	-	1/2 (13)	Medium
50631	5 (127)		✓	-	5	1/2 (13)	Medium
50632	6 (152)	✓		-	-	1/2 (13)	Medium
50633	6 (152)		✓	-	6	1/2 (13)	Medium

NOTE: For use with PSA-type discs



RUBBER POST PATTERN

Part Number	Diameter Inch (mm)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density
50695	5 (127)		✓	-	5	1/2 (13)	Medium
50696	6 (152)		✓	-	6	1/2 (13)	Medium

NOTE: For use with PSA-type discs

RUBBER HOOK-FACE

Part Number	Diameter Inch (mm)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density
50605	5 (127)	✓		Long	-	1/2 (13)	Medium
50607	5 (127)		✓	Long	5	1/2 (13)	Medium
50606	6 (152)	✓		Long	-	1/2 (13)	Medium
50610	6 (152)		✓	Long	6	1/2 (13)	Medium

Gear-Driven Sanding Pads

Premium Urethane Pads

Medium density; resist heat build-up

- All gear-driven pads mount with either four, five or six screws, depending on the gear-driven tool model and the year built. The newly redesigned tools (page E-2) utilize a five screw-mount system; the old-style design (models 57306-57315) uses a four screw-mount system; and the original aluminum housing design uses a six screw-mount system.

Non-Vacuum Pads

- High quality back-up pad. Weight-mated for smooth running and minimal tool vibration.



Vacuum Pads

- Vacuum holes in pad align with abrasive disc holes for optimum vacuum performance.



Channel Vacuum Pads

- 1/8" deep recessed channel. No need to align vacuum holes to pad holes.



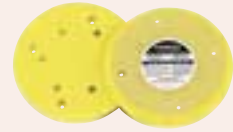
Vinyl-Face Pads

- Ideal for PSA-type disc adhesion and allows for quick disc removal.



Hook-Face Pads

- Short nap pads for use with reattachable discs.



Rubber Pads

- Low-cost alternative for the economy-minded professional.
- Long nap pads for use with non-woven nylon discs.



VINYL-FACE 5" DIAMETER

(127 mm)

Part Number	MOS (RPM)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density	Screws
57761	12,000	✓		-	-	3/8 (10)	Medium	5
57776	12,000	✓		-	-	3/8 (10)	Medium	4

VINYL-FACE 6" DIAMETER

(152 mm)

Part Number	MOS (RPM)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density	Screws
57762	12,000	✓		-	-	3/8 (10)	Medium	5
57763	12,000		✓	-	6	3/8 (10)	Medium	5
57771	12,000	✓		-	-	3/8 (10)	Medium	4
57772	12,000		✓	-	6	3/8 (10)	Medium	4
57380	10,000	✓		-	-	3/8 (10)	Medium	6
57381	10,000		✓	-	8	3/8 (10)	Medium	6

VINYL-FACE 8" DIAMETER

(203 mm)

Part Number	MOS (RPM)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density	Screws
56234	10,000	✓		-	-	1/2 (13)	Medium	5
56235	10,000		✓	-	8	1/2 (13)	Medium	5

HOOK-FACE 5" DIAMETER

(127 mm)

Part Number	MOS (RPM)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density	Screws
57770	12,000	✓		Short	-	3/8 (10)	Medium	4
57760	12,000	✓		Short	-	3/8 (10)	Medium	5

HOOK-FACE 6" DIAMETER

(152 mm)

Part Number	MOS (RPM)	Non-Vac	Vac	Channel Vac	Nap	Holes	Thickness Inch (mm)	Density	Screws
57773	12,000	✓			Short	-	3/8 (10)	Medium	4
57387	10,000	✓			Short	-	3/8 (10)	Medium	6
57775	12,000		✓		Short	6	3/8 (10)	Medium	4
57388	10,000		✓		Short	8	3/8 (10)	Medium	6
57774	12,000			✓	Short	8	3/8 (10)	Medium	4
57764	12,000	✓			Short	-	3/8 (10)	Medium	5
57765	12,000		✓		Short	6	3/8 (10)	Medium	5
57766	12,000			✓	Short	8	3/8 (10)	Medium	5

NOTE: 57775 Pad has vacuum holes around outside edge of pad for sanders with vacuum shrouds

HOOK-FACE 8" DIAMETER

(203 mm)

Part Number	MOS (RPM)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density	Screws
56236	10,000	✓		Short	-	1/2 (13)	Medium	5
56237	10,000		✓	Short	8	1/2 (13)	Medium	5

Gear-Driven Sanding Pads

Rubber Pads for the Economy-Minded Professional

1,500 RPM Maximum Operating Speed

HOOK-FACE 8" DIAMETER

(203 mm)

Part Number	MOS (RPM)	Non-Vacuum	Vacuum	Nap	Holes	Thickness Inch (mm)	Density	Screws
54332	1,500	✓		Long	-	1/2 (13)	Medium	5
54333	1,500		✓	Long	8	1/2 (13)	Medium	5

NOTE: 54333 Pad is only compatible with original aluminum housing models

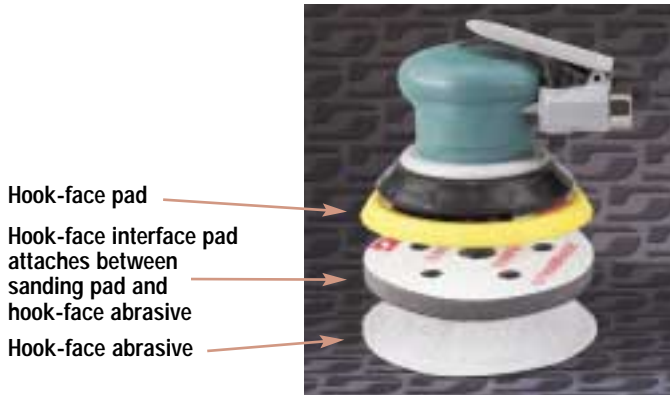


Interface Pads and Pad Conversions

For Combining with Standard Dynabrade Pads for Increased Versatility

DYNAFOAM INTERFACE PADS

- Attaches between sanding pad and hook-face abrasive.
- Soft foam increases conformability allowing operator to easily follow contours. Converts standard pad into a fine finishing and finessing pad!
- Interface pad easily contours to most surfaces.



For Random Orbital Sanders
Non-Vacuum and Vacuum

Part No.	Diameter	
53974	3" (76 mm)	○
53976	3-1/2" (89 mm)	○
53978	5" (127 mm)	⊙
53980	6" (152 mm)	⊙

For Dynafine Detail Sanders

Part No.	Diameter	
53970	Tear Drop	◐
53972	Triangle	△

For Dynaline and Dynabug Sanders

Part No.	Diameter	
53984	2-3/4" (70 mm) x 11" (279 mm) For the Dynaline	□
53986	2-3/4" (70 mm) x 8" (203 mm) For the Dynaline	□
53988	3-2/3" (93 mm) x 7" (175 mm) For the Dynaline and Dynabug	□

HOOK-TO-VINYL CONVERSIONS

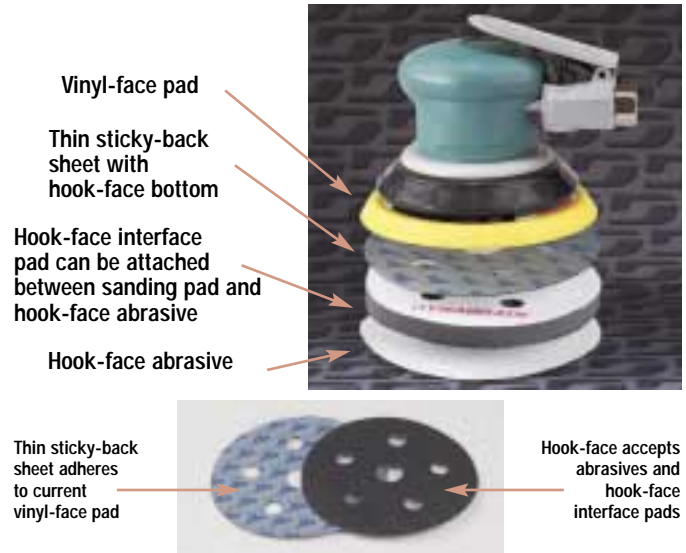
Hook-face pad

Thin velcro-backed sheet attaches to standard hook-face pad and accepts PSA-type abrasives



VINYL-TO-HOOK CONVERSIONS

- Thin sticky-back sheet adheres to current vinyl-face pad and accepts hook-face abrasives and hook-face interface pads.



For Random Orbital Sanders
Non-Vacuum and Vacuum

Part No.	Diameter	
53975	3" (76 mm)	○
53977	3-1/2" (89 mm)	○
53979	5" (127 mm)	⊙
53981	6" (152 mm)	⊙

For Dynafine Detail Sanders

Part No.	Diameter	
53971	Tear Drop	◐
53973	Triangle	△

For Dynaline and Dynabug Sanders

Part No.	Diameter	
53985	2-3/4" (70 mm) x 11" (279 mm) For the Dynaline	□
53986	2-3/4" (70 mm) x 8" (203 mm) For the Dynaline	□
53989	3-2/3" (93 mm) x 7" (175 mm) For the Dynaline and Dynabug	□

Loop material attaches to standard hook-face sanding pad



Premium vinyl-face for PSA-type abrasives

Non-Vacuum and Vacuum

Part No.	Diameter	
53992	5" (127 mm)	⊙
53993	6" (152 mm)	⊙

Dynacushion® Pneumatic Wheels

Adapts to Contour of Work Surface

For use with portable grinders and bench grinders

The Dynacushion® supports coated abrasive and non-woven nylon belts for use on metal, wood, plastic, ceramic, fiberglass and composites. Choose from standard construction, heavy duty or serrated. Each design provides an increasingly aggressive cut. Inflate rubber drum to desired firmness to customize finish (20 PSIG maximum).

STANDARD CONSTRUCTION WHEELS

- For general finishing jobs.
- 1/8" thick natural, 65 durometer rubber.



HEAVY DUTY WHEELS

- When you need a more aggressive wheel for more stock removal.
- 1/4" thick natural, 65 durometer rubber.
- Extremely durable - when used properly wheel is very resistant to gouging.



HEAVY DUTY SERRATED WHEELS

- Our most aggressive wheel.
- Winning combination of cool running air-inflated wheel with quick cutting serrations.
- Heavy duty construction with a 1:1 land to groove ratio – 1/32" deep grooves.
- Serrations help flex abrasive – making it work harder for aggressive stock removal.



COMPOSITE HUB

- Molded; lightweight design.
- Available with standard construction rubber wheels only.



HEAVY DUTY ALUMINUM HUB

- Precision machined for balance run-out and thread quality.
- Easily replace rubber wheel.
- Available with standard, heavy duty and serrated wheel designs.



2-1/4" DIAMETER x 3" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
92858	Aluminum	Standard	94433	1/2"-13 Female	9,000	3,200-6,000	1"	3" x 7-3/8"	N/A
92859	Aluminum	Heavy Duty	92642	1/2"-13 Female	9,000	3,200-6,000	1"	3" x 7-3/8"	N/A
92860	Aluminum	Heavy Duty	92642	5/8"-11 Female	9,000	3,200-6,000	1"	3" x 7-3/8"	13204, 13505, 13509 13515, 13519, 13520
94432	Aluminum	Standard	94433	5/8"-11 Female	9,000	3,200-6,000	1"	3" x 7-3/8"	13204, 13505, 13509 13515, 13519, 13520

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 3" Wide x 7-13/16" Long

3" DIAMETER x 2-1/4" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
92846	Aluminum	Standard	92643	1/2"-13 Female	7,000	3,200-6,000	2"	2-1/4" x 9-5/8"	N/A
92847	Aluminum	Standard	92643	5/8"-11 Female	7,000	3,200-6,000	2"	2-1/4" x 9-5/8"	13204, 13505, 13509 13515, 13519, 13520
92848	Aluminum	Heavy Duty	92644	1/2"-13 Female	7,000	3,200-6,000	2"	2-1/4" x 9-5/8"	N/A
92849	Aluminum	Heavy Duty	92644	5/8"-11 Female	7,000	3,200-6,000	2"	2-1/4" x 9-5/8"	13204, 13505, 13509 13515, 13519, 13520
92850	Aluminum	Heavy Duty, Serrated	92645	1/2"-13 Female	7,000	3,200-6,000	2"	2-1/4" x 9-5/8"	N/A
92851	Aluminum	Heavy Duty, Serrated	92645	5/8"-11 Female	7,000	3,200-6,000	2"	2-1/4" x 9-5/8"	13204, 13505, 13509 13515, 13519, 13520

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 2-1/4" Wide x 10-3/16" Long

Dynacushion® Pneumatic Wheels (CONT'D)

Adapts to Contour of Work Surface



3-1/4" DIAMETER x 3" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
92823	Aluminum	Standard, Straight Wall	92646	3/8"-24 Female	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	N/A
92824	Aluminum	Standard, Straight Wall	92646	1/2"-13 Female	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	N/A
92825	Aluminum	Standard, Straight Wall	92646	5/8"-11 Female	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	13204, 13505, 13515, 13520
92826	Aluminum	Heavy Duty, Straight Wall	92647	3/8"-24 Female	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	N/A
92827	Aluminum	Heavy Duty, Straight Wall	92647	1/2"-13 Female	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	N/A
92828	Aluminum	Heavy Duty, Straight Wall	92647	5/8"-11 Female	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	13204, 13505, 13515, 13520
94498	Composite	Standard	94500	3/4" Bore with Key slot	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	13401, 13450
94505	Composite	Standard	94500	1/2" Bore	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	13201, 13502, 13512, 13206, 13507, 13517
94507	Composite	Standard	94500	5/8" Bore	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	13101, 13102, 13300, 13202, 13205, 13503, 13506, 13516, 13207, 13508, 13518
94508	Composite	Standard	94500	5/8"-11 Female	7,000	2,800-5,000	2-3/8"	3" x 10-11/16"	13204, 13505, 13515, 13520

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 3" Wide x 11-1/8" Long

3-1/4" DIAMETER x 7" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
94434	Aluminum	Standard	94435	5/8"-11 Thread	3,600	3,200	2"	7" x 10-11/16"	58050, 65745, 65746, 65747

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 7" Wide x 11-1/8" Long

90 mm DIAMETER x 100 mm WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
92863	Aluminum	Standard	92651	19 mm Bore with 6 mm Key slot	7,000	2,500-5,000	2-3/8"	100 mm x 289 mm	N/A
94495	Composite	Standard	94480	3/4" Bore w/ Key slot	7,000	2,500-5,000	2-3/8"	100 mm x 289 mm	13401, 13450
94496	Composite	Standard	94480	5/8" Bore	7,000	2,500-5,000	2-3/8"	100 mm x 289 mm	13202, 13205, 13503, 13506, 13516, 13207, 13508, 13518, 13101, 13102, 13300
94497	Composite	Standard	94480	5/8"-11 Female	7,000	2,500-5,000	2-3/8"	100 mm x 289 mm	13204, 13505, 13515, 13520

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 100 mm Wide x 303 mm Long

Dynacushion® Pneumatic Wheels (CONT'D)

Adapts to Contour of Work Surface



5" DIAMETER x 2-3/4" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
92810	Aluminum	Standard	94482	1/2"-13 Female	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	N/A
92811	Aluminum	Standard	94482	5/8"-11 Female	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13521, 13531, 13204, 13505, 13515
92812	Aluminum	Standard	94482	3/4" Bore	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13400, 13450
92813	Aluminum	Heavy Duty	92653	1/2"-13 Female	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	N/A
92814	Aluminum	Heavy Duty	92653	5/8"-11 Female	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13521, 13531, 13204, 13505, 13515
92815	Aluminum	Heavy Duty	92653	3/4" Bore	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13400, 13450
92816	Aluminum	Heavy Duty, Serrated	92657	1/2"-13 Female	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	N/A
92817	Aluminum	Heavy Duty, Serrated	92657	5/8"-11 Female	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13521, 13531, 13204, 13505, 13515
92818	Aluminum	Heavy Duty, Serrated	92657	3/4" Bore	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13400, 13450
94490	Composite	Standard	94482	1/2" Bore	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13201, 13502, 13512,
94492	Composite	Standard	94482	5/8"-11 Female	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13521, 13531, 13204, 13505, 13515
94493	Composite	Standard	94482	3/4" Bore	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13400, 13450
94494	Composite	Standard	94482	5/8" Bore	3,500	1,800-3,400	2"	2-3/4" x 15-1/2"	13501, 13511, 13202, 13205, 13503, 13506, 13516

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 2-3/4" Wide x 16-1/8" Long

5" DIAMETER x 3-1/2" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
92800	Aluminum	Standard	94481	1/2"-13 Female	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	N/A
92801	Aluminum	Standard	94481	5/8"-11 Female	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	13521, 13531, 13204, 13505, 13515,
92802	Aluminum	Standard	94481	3/4" Bore	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	13400, 13450
92803	Aluminum	Standard	94481	M14 x 2	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	N/A
92804	Aluminum	Heavy Duty	92656	1/2"-13 Female	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	N/A
92805	Aluminum	Heavy Duty	92656	5/8"-11 Female	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	13521, 13531, 13204, 13505, 13515,
92806	Aluminum	Heavy Duty	92656	3/4" Bore	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	13400, 13450
94469	Composite	Standard	94481	1/2" Bore	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	13201, 13502, 13512,
94471	Composite	Standard	94481	5/8" Bore	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	13501, 13511, 13202, 13205, 13503, 13506, 13516
94472	Composite	Standard	94481	5/8"-11 Female	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	13521, 13531, 13204, 13505, 13515,
94473	Composite	Standard	94481	3/4" Bore	3,500	1,800-3,400	2"	3-1/2" x 15-1/2"	13400, 13450

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 3-1/2" Wide x 16-1/8" Long

5" DIAMETER x 7" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
92852	Aluminum	Standard	94437	3/4"-10 Female	3,500	1,800-3,400	2"	7" x 15-1/2"	Electric Pedestal
92853	Aluminum	Standard	94437	7/8"-9 Female	3,500	1,800-3,400	2"	7" x 15-1/2"	Electric Pedestal
92854	Aluminum	Heavy Duty	92658	5/8"-11 Female	3,500	1,800-3,400	2"	7" x 15-1/2"	65745, 65746, 65747
92855	Aluminum	Heavy Duty	92658	3/4"-10 Female	3,500	1,800-3,400	2"	7" x 15-1/2"	Electric Pedestal
92856	Aluminum	Heavy Duty	92658	7/8"-9 Female	3,500	1,800-3,400	2"	7" x 15-1/2"	Electric Pedestal
94436	Aluminum	Standard	94437	5/8"-11 Female	3,500	1,800-3,400	2"	7" x 15-1/2"	65745, 65746, 65747

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 7" Wide x 16-1/8" Long

Dynacushion® Pneumatic Wheels (CONT'D)

Adapts to Contour of Work Surface

6" DIAMETER x 1" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
94474	Aluminum	Standard	94557	5/8"-11 Thread	3,500	1,500-3,400	2"	1" x 19"	13521, 13204, 13505, 65745, 65746, 65747

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 1" Wide x 19-5/8" Long

6" DIAMETER x 2" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
92837	Aluminum	Standard	92659	5/8"-11 Thread	3,500	1,500-3,400	2"	2" x 19-1/4"	13521, 13204, 13505, 65745, 65746, 65747

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 2" Wide x 19-11/16" Long

8-1/4" DIAMETER x 9" WIDE

Part Number	Hub Composition	Rubber Wheel Type	Replacement Tire	Wheel Spindle Thread	Maximum RPM	Recommended Tool Speed (RPM)	Maximum Arbor Spindle Length	Coated Abrasive Belt Size (W x L)	Recommended Dynabrade Tool Models
94450	Aluminum	Standard	94451	1-1/4" Bore, Max 1-3/4"	1,800	1,750	10-1/2"	9" x 26-5/16"	65745, 65746, 65747

ADDITIONAL SPECIFICATIONS: Required Non-Woven Nylon Belt Size: 9" Wide x 26-1/2" Long

Dynacushion® Pneumatic Wheel Accessories

Dynastraight® Wheel Shields, Pneumatic Wheel Kits and Inflation Tools/Gauges

DYNASTRAIGHT® WHEEL SHIELDS

Part Number 13032

- For wheels up to 8" dia. x 2" wide.
- Built-in handle.



Part Number 13033

- For pneumatic wheels up to 5" diameter.
- Built-in handle.



PNEUMATIC WHEEL KITS

Part Number 94479

- Includes: 94472 Dynacushion® Pneumatic Wheel, Coarse Scotchbrite Belt and 80-grit Dynacut Belt.



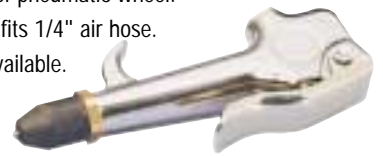
Part Number 94478

- Includes: 94473 Dynacushion® Pneumatic Wheel, Coarse Scotchbrite Belt and 80-grit Dynacut Belt.

WHEEL INFLATION TOOL

Part Number 94465

- Controlled inflation/deflation of pneumatic wheel.
- Has 1/4" NPT female thread; fits 1/4" air hose.
- 95633 Nozzle replacement available.



LOW PRESSURE AIR GAUGE

Part Number 98086

- Specially designed to measure low pressure (0-20 PSIG).



AIR PUMP ASSEMBLY

Part Number 98091

- Easy slide pump.
- No compressor needed.



HAND HELD AIR PUMP

Part Number 94464

- Great for the toolbox!
- Convenient, fast hand pump.



Dynaflex™ Expander Wheels

Grind, Deburr and Blend on all Metals

Excellent for weld removal and heavy deburring or grinding on the inside of pipes and tanks

- Expander wheels expand as they rotate. The simplest, most cost-effective method for holding abrasives on a back-up wheel.
- Air flow behind the flexer enables the wheel to run cooler than solid rubber.
- Features added flexibility so the wheel cuts fast, but won't gouge.
- Expander wheels use abrasive bands. Bands are an abrasive belt with a liner on the inside for more durability and cutting action.
- Use with our Dynastraight® line of portable tools.
- Ideal for heavy duty applications; grinding, deburring, and rough blending of all metals.
- Coated alumina zirconia and non-woven nylon abrasive bands are available for heavy stock removal and finishing.



ADDITIONAL SPECIFICATIONS: Arbor Length = wheel width + 1/2"

3" DIAMETER X 1" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92870	1/2"-13 Female Thread	7,000	4,500-6,000	1-1/2"	3" x 1"	N/A
94560	5/8"-11 Female Thread	7,000	4,500-6,000	1-1/2"	3" x 1"	13509, 13519, 13520
94566	14 mm x 2 Female Thread	7,000	4,500-6,000	1-1/2"	3" x 1"	N/A
94572	16 mm x 2 Female Thread	7,000	4,500-6,000	1-1/2"	3" x 1"	N/A

3" DIAMETER X 2" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92873	1/2"-13 Female Thread	7,000	4,500-6,000	2-1/2"	3" x 2"	N/A
94561	5/8"-11 Female Thread	7,000	4,500-6,000	2-1/2"	3" x 2"	13509, 13519, 13520
94567	14 mm x 2 Female Thread	7,000	4,500-6,000	2-1/2"	3" x 2"	N/A
94573	16 mm x 2 Female Thread	7,000	4,500-6,000	2-1/2"	3" x 2"	N/A

3" DIAMETER X 3" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92874	1/2"-13 Female Thread	7,000	4,500-5,000	3-1/2"	3" x 3"	N/A
92875	5/8"-11 Female Thread	7,000	4,500-5,000	3-1/2"	3" x 3"	N/A

4" DIAMETER X 1" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92876	1/2"-13 Female Thread	6,000	3,400-4,500	1-1/2"	4" x 1"	N/A
94562	5/8"-11 Female Thread	6,000	3,400-4,500	1-1/2"	4" x 1"	13204, 13505, 13515, 13520
94568	14 mm x 2 Female Thread	6,000	3,400-4,500	1-1/2"	4" x 1"	N/A
94574	16 mm x 2 Female Thread	6,000	3,400-4,500	1-1/2"	4" x 1"	N/A

Dynaflex™ Expander Wheels (CONT'D)

Grind, Deburr and Blend on all Metals

Excellent for weld removal and heavy deburring or grinding on the inside of pipes and tanks

4" DIAMETER X 1-1/2" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92877	1/2"-13 Female Thread	6,000	3,400-4,500	2"	4" x 1-1/2"	N/A
92878	5/8"-11 Female Thread	6,000	3,400-4,500	2"	4" x 1-1/2"	13204, 13505, 13515, 13520

4" DIAMETER X 2" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92879	1/2"-13 Female Thread	6,000	3,400-4,500	2-1/2"	4" x 2"	N/A
94563	5/8"-11 Female Thread	6,000	3,400-4,500	2-1/2"	4" x 2"	13204, 13505, 13515, 13520
94569	14 mm x 2 Female Thread	6,000	3,400-4,500	2-1/2"	4" x 2"	N/A
94575	16 mm x 2 Female Thread	6,000	3,400-4,500	2-1/2"	4" x 2"	N/A

4" DIAMETER X 3" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92880	1/2"-13 Female Thread	6,000	4,500	3-1/2"	4" x 3"	N/A
92881	5/8"-11 Female Thread	6,000	4,500	3-1/2"	4" x 3"	N/A

5" DIAMETER X 1" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92884	1/2"-13 Female Thread	5,000	3,400-4,500	1-1/2"	5" x 1"	N/A
94564	5/8"-11 Female Thread	5,000	3,400-4,500	1-1/2"	5" x 1"	13204, 13505, 13515, 13520
94570	M 14 x 2 Female Thread	5,000	3,400-4,500	1-1/2"	5" x 1"	N/A
94576	M 16 x 2 Female Thread	5,000	3,400-4,500	1-1/2"	5" x 1"	N/A

5" DIAMETER X 1-1/2" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92885	1/2"-13 Female Thread	5,000	3,400-4,500	2"	5" x 1-1/2"	N/A
92886	5/8"-11 Female Thread	5,000	3,400-4,500	2"	5" x 1-1/2"	13204, 13505, 13515, 13520

5" DIAMETER X 2" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92887	1/2"-13 Female Thread	5,000	3,400-4,500	2-1/2"	5" x 2"	N/A
94565	5/8"-11 Female Thread	5,000	3,400-4,500	2-1/2"	5" x 2"	13204, 13505, 13515, 13520
94571	14 mm x 2 Female Thread	5,000	3,400-4,500	2-1/2"	5" x 2"	N/A
94577	16 mm x 2 Female Thread	5,000	3,400-4,500	2-1/2"	5" x 2"	N/A

Dynaflex™ Expander Wheels (CONT'D)

Grind, Deburr and Blend on all Metals

Excellent for weld removal and heavy deburring or grinding on the inside of pipes and tanks

5" DIAMETER x 3" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92888	1/2"-13 Female Thread	5,000	3,400-4,500	3-1/2"	5" x 3"	N/A
92889	5/8"-11 Female Thread	5,000	3,400-4,500	3-1/2"	5" x 2"	N/A

6" DIAMETER X 1-1/2" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92904	1/2"-13 thread	3,400	1,800-3,400	2"	6" x 1-1/2"	N/A
92905	5/8"-11 thread	3,400	1,800-3,400	2"	6" x 1-1/2"	13204, 13505, 13515, 13521, 13531

6" DIAMETER X 2" WIDE

Part Number	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Band Size (Dia. x L)	Recommended Dynabrade Tool Models
92906	1/2"-13 thread	3,400	1,800-3,400	2-1/2"	6" x 2"	N/A
92907	5/8"-11 thread	3,400	1,800-3,400	2-1/2"	6" x 2"	13204, 13505, 13515, 13521, 13531

Slotted Wheels

Grind, Deburr and Blend on all Metals

Centrifugal force expands the wheel to grip the abrasive

- One-piece construction.
- Slots provide air flow that enables the wheel to run cooler than solid rubber.
- 65 durometer natural rubber with 1/4" cold rolled steel shank for excellent concentricity.
- Specially designed for use with spiral bands.



SLOTTED WHEELS

Part Number	Diameter Inch (mm)	Width Inch (mm)	Arbor Hole	Maximum Wheel RPM	Recommended Tool Speed (RPM)	Minimum Arbor Spindle Length	Coated Abrasive Belt Size (Dia. x L)	Recommended Dynabrade Tool Models
92910	1 (25)	1 (25)	1/4" Shank	12,000	10,000-12,000	Requires 1/4" Collet	1 (25) x 1 (25)	52666, 52676
92911	1 (25)	1-1/2 (38)	1/4" Shank	12,000	10,000-12,000	Requires 1/4" Collet	1 (25) x 1-1/2 (38)	52666, 52676
92912	1 (25)	2 (51)	1/4" Shank	12,000	10,000-12,000	Requires 1/4" Collet	1 (25) x 2 (51)	52666, 52676
92913	1-1/2 (38)	1 (25)	1/4" Shank	10,000	6,000-10,000	Requires 1/4" Collet	1-1/2 (38) x 1 (25)	52664, 52674, 52665, 52685
92914	1-1/2 (38)	1-1/2 (38)	1/4" Shank	10,000	6,000-10,000	Requires 1/4" Collet	1-1/2 (38) x 1-1/2 (38)	52664, 52674, 52665, 52685
92915	1-1/2 (38)	2 (51)	1/4" Shank	10,000	6,000-10,000	Requires 1/4" Collet	1-1/2 (38) x 2 (51)	52664, 52674, 52665, 52685
92916	2 (51)	1" (25)	1/4" Shank	7,500	4,500-7,500	Requires 1/4" Collet	2 (51) x 1 (25)	51202, 51212, 52102, 52663, 52673, 52664, 52674
92917	2 (51)	1-1/2 (38)	1/4" Shank	7,500	4,500-7,500	Requires 1/4" Collet	2 (51) x 1-1/2 (38)	51202, 51212, 52102, 52663, 52673, 52664, 52674
92918	2 (51)	2 (51)"	1/4" Shank	7,500	4,500-7,500	Requires 1/4" Collet	2 (51) x 2 (51)	51202, 51212, 52102, 52663, 52673, 52664, 52674

Downdraft Sanding Table

Keep Workplace Area Free of Contaminants While Sanding

STANDARD DUTY MODELS

Model 64699

33" wide x 60" long working area

- Includes two 20" wide x 25" long x 2" thick (64671) paper filters.
- Dual filtration – five-micron pre-filter blanket and one-micron paper filters.
- Rubberized surface on the table top is anti-static and anti-slip.
- Both tables include steel utility tray and random orbital sander hanger.
- Includes 5" diameter casters.
- 110 volt, 220 volt (single phase) standard on table, three phase available upon request.
- Also available: 64672 UL Rated Class I Non-Flammable Air Filter 20" wide x 25" long x 2" thick.

Model 64700

36" wide x 72" long working area

- Includes three 20" wide x 25" long x 2" thick (64671) paper filters.



Model 64700 ▲

HEAVY DUTY MODEL

Model 64657

48" wide x 96" long working area.

- Great for cabinet shops, solid surface fabricators and fiberglass applications.
- Ideal for use with Dynabrade random orbital sanders.
- Dual filtration – five-micron pre-filter blanket and one-micron paper filters.
- High quality reverse incline blowers. Heavy-duty TEFC electric motors.
- Non-slip surface for easier tool maneuverability. Optional casters available.
- Up to 70% more filter area than competitive brands.
- Base unit is all-metal construction with CNC milled 3/4" MDF table-top.
- Includes six 20" wide x 25" long paper filters (64658) and four 16" wide x 25" long paper filters (64659).
- 115 volt, single phase standard on table. 208 volt (3 phase), 230 volt (single phase), 230 volt (3 phase), 460 volt (3 phase) are available upon request.



Model 64657 ▲

NOTES:

TECH TIP

- Keep machine running even when not in use. Table actually filters air to help clean the shop environment.

Model Number	Motor Hp (W)	Number of Motors	Volts	Phase	Vacuum Suction	Sound Level	Working Area Width	Working Area Length	Height Inch (mm)	Shipping Weight
64657	1.5 (1,116)	2	115	1	6,000 CFM	72 dB(A)	48" (122 cm)	96" (244 cm)	36 (914)	820 lbs.
64699	1 (744)	1	110/220	1	3,000 SCFM	72 dB(A)	33" (84 cm)	60" (152 cm)	36 (914)	285 lbs.
64700	1 (744)	1	110/220	1	3,000 SCFM	72 dB(A)	36" (91 cm)	72" (183 cm)	36 (914)	365 lbs.

Hose and Vacuum Accessories

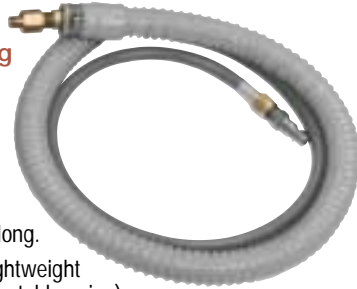
For Air Exhaust and Dust Collection

OVERHOSE ASSEMBLY

Part Number 52037

3/4" Diameter x 2-1/2' Long

- Directs exhaust away from operator.
- 52036 Flex Hose: 3/4" dia. x 2-1/2' long with cuff.
- 95361 Air Line: 1/4" dia. x 5' long.
- Use with Angle-Head tools, Lightweight Dynastraight® and Dyninger (metal housing).



OVERHOSE WATER LINE ASSEMBLY

Part Number 95801

1" Diameter x 4-1/2' Long

- 95596 Flex Hose (1" dia. x 4-1/2' long with cuff).
- 95361 Air Line (1/4" dia. x 5' long).
- 95579 Water Line Assembly (10' long with fittings).
- 95362 Rubber Connectors.
- Use with Wet Sanders.



OVERHOSE ASSEMBLY

Part Number 95527

1" Diameter x 4-1/2' Long

- 95596 Flex Hose: 1" dia. x 4-1/2' long with cuff.
- 95361 Air Line: 1/4" dia. x 5' long.
- Use with Sander Polisher and Dynastraight®.



EXHAUST HOSE ASSEMBLY

Part Number 95820

1" Diameter x 10' Long

- 95709 Flex Hose: 1" dia. x 10' long with cuffs.
- 95816 Air Line: 1/4" dia. x 11' long.
- 95362 Rubber Connectors.
- Use with Dynorbital® Sanders.



OVERHOSE ASSEMBLY

Part Number 94994

1-1/4" Diameter x 3' Long

- May be used to further reduce noise levels by as much as 5 dB(A).
- Overhose redirects exhaust away from operator and workpiece.
- Use with disc sanders and die grinders that feature our short muffler.



AIR LINE/VAC HOSE ADAPTER

Part Number 96020

1-1/2" Diameter x 18" Long

- Allows Dynorbital® Supreme (Palm-Style or Two-Hand) to be coupled with European vacuum system.
- 95847 Exhaust Hose: 1-1/2" diameter.
- 96104 Hose Cuff with air line port.
- 96019 Air Line: 1/4" dia. x 18" long.
- 96102 Hose Cuff.



HOSE COVER

Part Number 95986

5' Long Cloth Cover

- Covers air line and exhaust/vacuum hoses (not included).
- Eliminates damage from hoses dragging on the workpiece.



RUBBER CONNECTORS

Part Number 95362 (5/pkg.)

- Used to strap tool air line to tool's exhaust hose for easy "all-in-one" maneuverability.



Hose Cuffs

Many Configurations to Match Vacuum System Requirements



Part Number	Hose Connection	Tool Connection	Number of Cuffs	Insert
95601	3/4" Thread	3/4" I.D. Non-Thread	1	-
95602	3/4" Thread	3/4" I.D. Non-Thread	2 (installed)	-
95396	1" Thread	1" I.D. Non-Thread	1	-
95599	1" Thread	1" I.D. Non-Thread	2 (installed)	-
54208	1" Thread	1-1/4" I.D. Non-Thread	1	-
95894	1-1/4" Thread	1" I.D. Non-Thread	1	Included
96413	1-1/4" Thread	1-1/2" Thread	1	-
96412	1-1/4" Thread	1-1/4" Thread	1	-
95800	1-1/4" Thread	1-1/4" I.D. Non-Thread	1	Optional
96102	1-1/2" Thread	1-1/4" I.D. Non-Thread	1	Optional
96104	1-1/2" Thread	1" I.D. Non-Thread	1	-
96414	1-1/2" I.D. Non-Thread	1-1/4" Thread	1	-
96103	1-1/2" Thread	1" I.D. Non-Thread	1	-
95700	2" Thread	1-1/4" I.D. Non-Thread	1	Optional
97051	2" I.D. Non-Thread	1-1/2" Thread	1	-
64616	2-1/4" I.D. Non-Thread	1-1/4" Thread	1	-

NOTE: Part Number 95700 includes 95699 Cuff Adapter & 95698 2" Swivel Cuff
Part Number 64616 is a swivel cuff

Vacuum Conversions Kits

For use with Dynorbital-Spirit™ and Dynorbital® Supreme

- Pad diameter determines which kit is right for your tool.
- Conversion kit allows user to change tool into desired vacuum configuration.



Pad Dia. Inch (mm)	Converts to	Kit Part Number
3-1/2 (89)	Self-Generated Vac-Ready	57118
3-1/2 (89)	Central Vac-Ready	57119
5 (127)	Self-Generated Vac-Ready	57120
5 (127)	Central Vac-Ready	57121
6 (152)	Self-Generated Vac-Ready	57122
6 (152)	Central Vac-Ready	57123



Part Number 57120

Overskirt Shrouds

Maximize Dust Pick-up on Vacuum Models

- Replace standard lip-seal shrouds in seconds.
- Protects pad edges when working near workpiece sides.

FOR WET DYNORBITAL® SUPREME

Part Number 56063

5" Diameter



Part Number 56065

6" Diameter

FOR DYNORBITAL® SUPREME AND DYNORBITAL-SPIRIT™ SANDERS

- Has built-in vacuum port.

Part Number 57084

3-1/2" Diameter

Part Number 57087

6" Diameter

Part Number 57086

5" Diameter



Dust Collection Receptacles

Helps to Keep Work Area Clean by Trapping Vacuum Particles

MINI-REUSABLE FELT BAG

Part Number 50694

- New bag design features a one micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.
- 11" long x 3" wide. End opens up - no need to remove bag from tool when emptying.



REUSABLE FELT BAG

Part Number 50683

Hook 'n Loop End

- New bag design features a one-micron filter rating. Bag traps over 99% of vacuum particles one micron or larger.
- 14-1/2" long x 7-1/2" wide.



DURABLE BOX RECEPTACLE

Part Number 95575

- A pre-punched hole accepts 1" diameter Dynabrade vacuum hoses.
- Receptacle houses a throw-away paper vacuum bag.
- Paper bag reorder (50692 400/case), (50693 24/pkg).



REUSABLE FELT BAG

Part Number 56304

Zipper-Lock End

- New bag design features a one micron filter rating. Bag traps over 99% of vacuum particles one-micron or larger.
- 14-1/2" x 7-1/2" wide.



Self-Contained Dust Collection Systems

Easily Attach to Air Powered Dynorbital® Self-Generated Vac-Ready Models

MINI-FLEX-HOSE SYSTEM

Part Number 54284

- 95580 Air Line 1/4" dia. x 28" long.
- 50638 Flex-Hose 1" dia. x 18" long.
- 50694 Mini-Reusable Felt Bag.



6' (1829 MM) LONG FLEX-HOSE SYSTEMS

Part Number 50617

- Includes 50683 Bag.
- Both systems include 1" dia., 6' long 50682 Flex-Hose.

Part Number 56303

- Includes 56304 Bag.

Part Number 54218

- Includes 50683 Bag.
- Both systems include 1-1/4" dia., 6' long 54202 Flex-Hose.
- Shown with optional 95361 Air Line (1/4" dia.).

Part Number 54219

- Includes 56304 Bag.



"BAG-IN-BOX" SYSTEM

Part Number 54290

- 95361 Air Line 5' long.
- 50682 Flex-Hose 1" diameter x 6' long.
- 95575 Durable Box Receptacle (to house bag and store tool). Sample paper bag included.
- Paper bag reorder: 50692 (400/case) or 50693 (24 per package.)



Exhaust Hoses

Many Configurations to Match Vacuum System Requirements

3/4" Diameter

Part Number	Length	Number of Cuffs
52036	2-1/2' (76 cm)	1
50834	5' (152 cm)	2
95729	Specify # of feet	0*

*NOTE: Optional 95602 Factory-Installed Cuffs available

1" Diameter

Part Number	Length	Number of Cuffs
50638	18" (46 cm)	2
50682	6' (183 cm)	2
95596	4-1/2' (137 cm)	1
95709	10' (305 cm)	2
95395	Specify-up to 50'	0*

*NOTE: Optional 95599 Factory-Installed Cuffs available

1-1/4" Diameter

Part Number	Length	Number of Cuffs
54201	4-1/2' (137 cm)	0
54202	6' (183 cm)	2
54205	Specify-up to 50'	0*

*NOTE: Optional 95894 Factory-Installed Cuffs available

1-1/2" Diameter

Part Number	Length	Number of Cuffs
95847	Specify-up to 50'	0



Arbors

Use to Mount Abrasive Wheels, Discs, Pneumatic Wheels, etc.

ARBORS

- Mount abrasive wheels, discs, pneumatic wheels, sanding stars and other accessories to 3/8"-24, 1/2"-20 or 5/8"-11 male spindle tools.
- Mount to many Dynabrade and other manufacturers' portable tools and bench grinders.



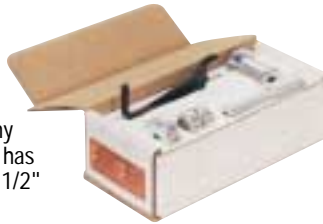
13071 ▲

NOTE: Never exceed speed rating as specified by the abrasive or accessory manufacturer. Always wear eye, face and body protection.

Part Number 13074

Arbor Kit

- Mounts to all three male spindle sizes listed above; also accepts any Dynacushion® or accessory which has 5/8" bore from 1/2" to 3" wide in 1/2" increments.



Arbor Part Number	Wheel Width	Tool's Male Spindle			Arbor Bore/Thread				
		3/8"-24	1/2"-20	5/8"-11	14 mm	1/2"	5/8"	1"	5/8"-11
13014	up to 51 mm		✓		✓				
13015	3-1/2"			✓					✓
13016	up to 2"	✓				✓			
13017	up to 2"					✓	✓		
13071	up to 3"		✓				✓	✓	
13061	up to 3"	✓							
13074	up to 3"	✓	✓	✓					

<p>Part Number 13014 Part Number 13016 Part Number 13017 2" dia. wheel flanges and spacers</p>		<p>Part Number 13015</p>
<p>Part Number 13061 (1" Position)</p>	<p>Part Number 13061 (2" Position)</p>	<p>Part Number 13071</p>

"UNIVERSAL" SHANK ARBOR

- Handy accessory fits drills and die grinders!
- Mount sanding stars, flap wheels, unitized wheels, non-woven nylon wheels, buffs, etc.
- High quality steel arbor; all flanges and spacers included.

Part Number 12995

Arbor - 1/4" Shank

- Accepts accessories up to 1" wide which have 1/2" dia. center hole.

Part Number 12977

Arbor - 6 mm Shank

Part Number 12980

Arbor - 3/8"-24 Female Thread

- Mounts to 3/8"-24 male spindle tools.

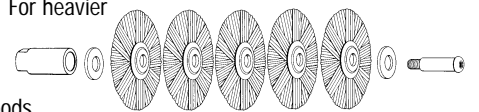


SUGGESTED MOUNTING OPTIONS FOR ARBOR MOUNT SANDING STARS

The spacing of the stars on the arbor, as well as the grit, determine desired sanding aggressiveness. We suggest that the operator explore various grit and spacing combinations based on the following guidelines.

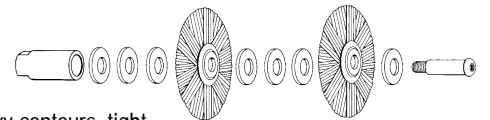
Most Aggressive/Less Flexible

Six stars, one spacer. For heavier stock removal; work on flats, edges, larger surface areas, great for defuzzing hard woods.



Least Aggressive/Most Flexible

Two stars, up to ten spacers. For light stock removal reaching into small holes, cut-outs, heavy contours, tight grooves; great for defuzzing soft woods.



Safety-Lock Throttle Levers

Help Prevent Accidental Start-up of Tool

- Remove standard throttle lever from tool and install new safety-lock lever in seconds.
- Safety-lock levers are available for all Dynabrade air tools.
- Call our customer service department to identify which safety-lock lever fits your tool.



Side Handles

Improve Ergonomic Feel

- Improved ergonomic feel with grip-traction to reduce hand fatigue.
- Fits many tool models including Dynastraight® series, Dynangle®, pistol-grip tools, wet tools, drills, die grinders and disc sanders.
- Please contact customer service department to mate handle to each tool.

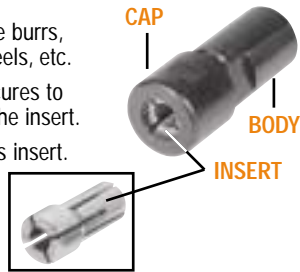


Collets and Inserts

Increase the Utility of your Die Grinders, Drills and Other Air Tools

Terminology

- **COLLET:** Device used to hold carbide burrs, rotary files, mounted points and wheels, etc.
- **BODY:** The part of the collet that secures to the spindle of the tool and accepts the insert.
- **CAP:** Secures collet body and retains insert.
- **INSERT:** The collapsible portion of the collet that retains the shank of the inserted tool.



Collet Assembly Types

- **TWO-PIECE:** Insert threads into body.
- **THREE-PIECE:** Insert slips into body; cap threads to body, retaining the insert.
- **FOUR-PIECE:** Insert slips into body; cap slips over body; nut retains cap and insert.
- **INTEGRATED:** Collet is a necessary component to complete the motor assembly.



AVAILABLE COLLETS			OPTIONAL COLLET INSERTS AVAILABLE										TOOL THREAD	
Collet Size	Collet Part Number	Collet Type	1/8"		1/4"			3/8"	3 mm	6 mm	8 mm	Compatible Tools have the Following Thread		
			01495	50034	50065	01485	01644	50013	50014	01496	01648		01497	50016
1/4"	50010	3-Piece			✓			INC*	✓			✓	✓	3/8"-24 Male
6 mm	50015	3-Piece			✓			✓				INC*	✓	
3/8"	50018	3-Piece						INC*						
1/4"	50020	2-Piece								✓				M8x1 Male
1/4"	50080	3-Piece	✓				INC*			✓		✓		
6 mm	50079	3-Piece	✓				✓			✓		INC*		
1/4"	51124	4-Piece	✓				INC*			✓		✓		5/16"-24 Male
6mm	51125	4-Piece	✓				✓			✓		INC*		
1/4"	51106	4-Piece	✓				INC*			✓		✓		
6 mm	51110	4-Piece	✓				✓			✓		INC*		1/2"-20 Male
1/4"	50066	3-Piece			✓			INC*	✓			✓	✓	
6 mm	50073	3-Piece			✓			✓	✓			INC*	✓	
1/4"	50055	2-Piece		✓										1/4"-28 Female
1/4"	N/A	N/A	✓				✓			✓		✓		
6 mm	N/A	N/A	✓				✓			✓		✓		

INC*: Included with collet purchase

Threaded Adapters and Mandrels/Drill Chucks

THREADED ADAPTERS

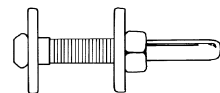


Part Number	Mounts to	Exposed	Shank Dia.	Length (Inch)	Wrench Flats
50103	1/4" Collet	1/4"-20 Male Thread	1/4"	1-1/4	7/16"
50106	3/8"-24 Male Thread	1/4"-20 Male Thread	-	1-1/16	9/16"
51032	1/4"-20 Male Thread	1/4" Shank	1/4"	1-1/2	-
54021	1/4"-20 Female Thread	1/4"-20 Male Thread	-	1-3/16	14 mm
95713	1/4" NPT Male	1/8" NPT Male	-	1	-
95714	3/8" NPT Male	1/4" NPT Male	-	1-1/4	-
95934	1/2" NPT Male	3/8" NPT Male	-	1-3/4	-

THREADED MANDRELS

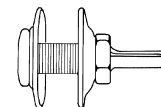
Part Number 95722

- 1/4" diameter with 1/4" shank.
- For Clean 'N Strip discs.



Part Number 95749

- 1/2" diameter with 1/4" shank.
- For Clean 'N Strip discs.



DRILL CHUCK AND MATED KEYS

- Keys included with drill chucks.

Chuck Size	Thread	Chuck Part No.	Key Part No.
5/32"	5/16"-24 Female	53031	53051
1/4"	3/8"-24 Female	53032	53052
3/8"	1/2"-20 Female	53033	53053
3/8"	3/8"-24 Female	53087	53053
1/2"	1/2"-20 Female	53034	53054



Individual Contact Wheels and Assemblies

Keep your Belt Tools Running at Maximum Efficiency

The first contact wheel assembly listed, with the asterisk next to the part number, is the assembly that comes standard with that contact arm. Any other assembly listed below the standard arm is optional to accommodate a variety of applications.

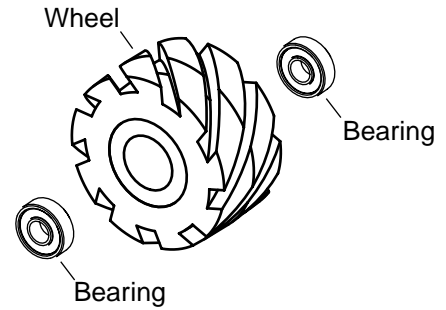
FOR DYNAFILE® CONTACT ARMS

- Bearing I.D. for all Dynafile® contact arms is 1/8".

Contact Arm P/N	Wheel Assembly P/N	Contact Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11212	11066*	11065	5/16"	1/8"	1/4"	Flat	Steel
	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
11213	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
	11070*	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
11214	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
11215	11072*	11071	7/16"	1/8"	3/8"	Crowned	Brass
	11074	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
11216	11074*	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
	11072	11071	7/16"	1/8"	3/8"	Crowned	Brass
	11076*	11075	7/16"	3/8"	3/8"	Crowned	Steel
11217	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
11218	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
11219	11078	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11086	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
11228	11078*		5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11231	11084*	11083	3/4"	1/2"	3/8"	Crowned	70 Duro Rubber
	11086*	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
11232	11080	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
	11078	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11234	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
11238	11051*	N/A	1/4"	3/8"	N/A	Flat	Steel
	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
11239	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
11240	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11241	11074*	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
	11072	11071	7/16"	1/8"	3/8"	Crowned	Brass
11243	11084*	11083	3/4"	1/2"	3/8"	Crowned	70 Duro Rubber
11244	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11255	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11258	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11262	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11297	11090*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber

NOTE: Contact wheel assembly for Contact Arm 11238 consists of three 11051 Bearings

- Wheel assemblies include contact wheel and two bearings.
- Certain assemblies may also contain a shaft and/or spacers. Refer to individual parts page for breakdown.



FOR DYNAFILE® II CONTACT ARMS

- Bearing I.D. for all contact wheel assemblies compatible with contact arms 11300 and 11341 is 3/32". All other Dynafile® II contact wheel assemblies have a bearing I.D. of 1/8".

Contact Arm P/N	Wheel Assembly P/N	Contact Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11200	11088*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
11201	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
11202	11074*	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
	11072	11071	7/16"	1/8"	3/8"	Crowned	Brass
11203	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
11204	11078	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11086	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
11206	11282*	11281	3/4"	5/8"	3/8"	Crowned	70 Duro Rubber
11220	11352*	11353	5/16"	5/8"	1/4"	Crowned	Steel
11300	11332*	11333	1/4"	3/8"	3/16"	Crowned	Steel
	11342	11343	5/16"	3/8"	3/16"	Crowned	50 Duro Rubber
11301	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
11341	11342*	11343	5/16"	3/8"	3/16"	Crowned	50 Duro Rubber
	11332	11333	1/4"	3/8"	3/16"	Crowned	Steel
	11086*	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Rubber
11280	11078	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11080	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
11286	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11287	11282*	11281	3/4"	5/8"	3/8"	Crowned	70 Duro Rubber
11314	11066*	11065	5/16"	1/8"	1/4"	Flat	Steel
11320	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11070*	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
11321	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
11322	11090*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11329	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11330	11072*	11071	7/16"	1/8"	3/8"	Crowned	Brass
	11074	11073	5/8"	1/8"	3/8"	Crowned	70 Duro Rubber
11337	11076*	11075	7/16"	3/8"	3/8"	Crowned	Steel
	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
11350	11352*	11353	5/16"	5/8"	1/4"	Crowned	Steel
11360	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber

Individual Contact Wheels and Assemblies (CONT'D)

Keep your Belt Tools Running at Maximum Efficiency

FOR MINI-DYNAFILE® II CONTACT ARMS

• Bearing I.D. for all Mini-Dynaflex® II contact arms is 1/8".

Contact Arm P/N	Wheel Assembly P/N	Contact Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
15026	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
	11086	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
15028	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
15029	11086*	11085	1"	3/8"	3/8"	V-Shaped	90 Duro Urethane
	11080	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
15030	11068*	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11070	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel
15031	11070*	11069	7/16"	3/8"	1/4"	Crowned	70 Duro Rubber
	11068	11067	5/16"	3/8"	1/4"	Crowned	Steel
	11076	11075	7/16"	3/8"	3/8"	Crowned	Steel

FOR DYNABELTER CONTACT ARMS

• Bearing I.D. for all Dynabelter contact arms is 1/4".

Contact Arm P/N	Wheel Assembly P/N	Contact Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11681	11650*	11649	2"	1"	5/8"	Standard	70 Duro Rubber
	11644	11643	2"	1/2"	5/8"	Crowned	90 Duro Rubber
	11634	11633	2"	1"	5/8"	Crowned	40 Duro Rubber
	11618	11617	2"	1"	5/8"	Standard	90 Duro Rubber
11663	11616*	11615	1"	1"	5/8"	Flat	80 Duro Rubber
11668	11616*	11615	1"	1"	5/8"	Flat	80 Duro Rubber
11677	11620*	11619	4"	1"	5/8"	Crowned	40 Duro Rubber
	11689	11688	4"	1"	5/8"	Scoop	60 Duro Urethane
	11636	11635	4"	1"	5/8"	Scoop	80 Duro Urethane
11682	11638*	11637	4"	1/2"	5/8"	Severely Radiused	70 Duro Rubber
	11642*	11641	4"	5/8"	5/8"	Scoop	40 Duro Rubber
	11892	11886	4"	5/8"	5/8"	Scoop	80 Duro Urethane
11717	11889	11888	4"	5/8"	5/8"	Scoop	90 Duro Urethane
	11618*	11617	2"	1"	5/8"	Standard	90 Duro Rubber
	11644	11643	2"	1/2"	5/8"	Standard	90 Duro Rubber
11870	11634	11633	2"	1"	5/8"	Crowned	40 Duro Rubber
	11650	11649	2"	1"	5/8"	Standard	70 Duro Rubber
	11847*	11846	2"	2"	1-1/8"	Standard	70 Duro Urethane
	11851	11850	2"	2"	1-1/8"	Standard	90 Duro Urethane

FOR DYNAFILE® III CONTACT ARMS

• Bearing I.D. for the following Dynaflex® III contact arms is 1/8".

Contact Arm P/N	Wheel Assembly P/N	Contact Wheel P/N	Wheel Dia.	Wheel Width	Wheel I.D.	Face Surface	Material
11200	11088*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11203	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11204	11080*	11079	1"	3/8"	3/8"	Round Radiused	70 Duro Rubber
11206	11282*	11281	3/4"	5/8"	3/8"	Crowned	70 Duro Rubber
11286	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
11287	11282*	11281	3/4"	5/8"	3/8"	Crowned	70 Duro Rubber
11320	11078*	11077	5/8"	3/8"	3/8"	Crowned	70 Duro Rubber
15321	15320*	15318	3/4"	7/8"	3/8"	Crowned	70 Duro Rubber
15326	15320*	15318	3/4"	7/8"	3/8"	Crowned	70 Duro Rubber

• Bearing I.D. for the following Dynaflex® III contact arms is 1/4".

15350	15349*	11617	2"	1"	5/8"	Flat	90 Duro Rubber
	15346	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15347	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15348	11649	2"	1"	5/8"	Flat	70 Duro Rubber
15351	15348*	11649	2"	1"	5/8"	Flat	70 Duro Rubber
	15346	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15347	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
15356	15349	11617	2"	1"	5/8"	Flat	90 Duro Rubber
	15346*	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15347	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15348	11649	2"	1"	5/8"	Flat	70 Duro Rubber
15357	15349	11617	2"	1"	5/8"	Flat	90 Duro Rubber
	15347*	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15346	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15348	11649	2"	1"	5/8"	Flat	70 Duro Rubber
15375	15349	11617	2"	1"	5/8"	Flat	90 Duro Rubber
	15348*	11649	2"	1"	5/8"	Flat	70 Duro Rubber
	15346	15342	2"	5/8"	5/8"	Crowned	40 Duro Rubber
	15347	15343	2"	1"	5/8"	V-Shaped	70 Duro Rubber
	15349	11617	2"	1"	5/8"	Flat	90 Duro Rubber



Motor Tune-Up Kit/Tool Compatibility

Includes Assorted Parts to Maintain Your Motor in Tip-Top Shape

For models not listed, please contact Customer Service



Model No.	Tune-Up Kit
11000	95600
11001	95600
11003	95600
11450	96259
11462	96045
11475	96045
11476	96011
11477	96259
11480	96045
11481	96011
11486	96011
11489	96011
12200	96261
12201	96261
12202	96261
12203	96261
12204	96261
12205	96261
12206	96261
12207	96261
12250	96533
12252	96533
12254	96533
13100	96173
13101	96173
13102	96173
13120	96173
13121	96173
13200	96260
13201	96260
13202	96260
13203	96260
13204	96260
13205	96260
13206	96260
13207	96260
13220	96260
13300	96174
13301	96174
13310	96174
13400	96234
13401	96234
13410	96234
13411	96234
13450	96532
13460	96532
13500	96532
13501	96532
13502	96532
13503	96532
13504	96532
13505	96532
13506	96532
13507	96532
13508	96532
13511	96532
13512	96532
13515	96532
13516	96532
13517	96532
13518	96532
13521	96532
13531	96532
14000	95600
14010	95600
14200	96045
14201	96045

Model No.	Tune-Up Kit
14300	96011
14302	96011
14303	96011
14306	96011
14308	96260
14309	96260
14310	96260
14311	96260
14312	96260
14313	96260
15002	96074
15003	96074
15006	96074
15300	96233
15301	96233
15302	96233
30200	96260
30304	96260
30336	96260
30337	96260
40320	96044
40321	96044
40324	96044
40326	96044
40330	96044
40335	96044
40338	96044
40381	96174
50000	96179
50001	96179
50002	96179
50003	96179
50004	96179
50005	96179
50302	96532
50303	96011
50304	96011
50306	96532
50307	96011
50308	96532
50320	96047
50321	96047
50324	96047
50325	96047
50340	96047
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50347	96043
50348	96043
50349	96042
50350	96042
50360	96042
50370	96184
50371	96184
50372	96184
50374	96184
50375	96184
50727	96179
50728	96179
50729	96179
50730	96011
50760	96011
51130	95600
51134	96007
51200	96173
51201	96173

Model No.	Tune-Up Kit
51202	96173
51203	96173
51204	96173
51205	96173
51210	96174
51211	96174
51212	96174
51213	96174
51214	96174
51215	96174
51240	96049
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51300	95600
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51302	95600
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51400	96174
51401	96174
51405	96174
51410	96174
51411	96174
51415	96174
51420	96174
51425	96174
51430	96174
51450	96234
51451	96234
51454	96234
51455	96234
51460	96174
51461	96174
51470	96178
51472	96178

Model No.	Tune-Up Kit
51474	96178
51476	96178
51479	96178
51482	96178
51600	96178
51601	96178
51602	96178
51603	96178
51604	96178
51605	96178
51735	96522
51800	96179
51801	96179
51802	96179
51803	96179
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51831	96179
51832	96179
51833	96179
51834	96179
51835	96179
51846	96179
51847	96179
51848	96179
51930	96532
51931	96532
51932	96532
51933	96532
51934	96532
51935	96532
51936	96532
51937	96532
52050	96173
52051	96173
52052	96173
52053	96173
52060	96173
52061	96173
52062	96173
52100	96260
52101	96260
52102	96260
52103	96260
52104	96260
52105	96260
52196	96505
52200	96048
52201	96049
52202	96048
52203	96049
52204	96048
52205	96049
52206	96048
52207	96049
52210	96044
52211	96044

Model No.	Tune-Up Kit
52212	96044
52213	96044
52216	96044
52217	96044
52218	96044
52219	96044
52220	96044
52221	96044
52222	96044
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52249	96045
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52253	96049
52254	96045
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52258	96529
52260	96044
52261	96044
52262	96044
52263	96044
52264	96529
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52266	96529
52267	96044
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52273	96044
52274	96044
52275	96044
52276	96529
52277	96529
52278	96529
52279	96045
52280	96522

Model No.	Tune-Up Kit
52281	96529
52282	96529
52283	96529
52284	96045
52285	96045
52286	96045
52287	96045
52288	96045
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52413	96045
52414	96045

Model No.	Tune-Up Kit
52415	96045
52420	96044
52421	96044
52424	96045
52425	96045
52426	96045
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52431	96045
52432	96045
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52503	96049
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52512	96049
52515	96522
52516	96522
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52522	96179
52523	96179
52524	96179
52525	96179
52530	96179
52531	96179
52532	96179
52533	96179
52534	96179
52535	96179
52540	96179
52541	96179
52542	96179
52543	96179
52544	96179
52545	96179
52550	96179
52551	96179
52552	96179
52553	96179
52554	96179
52555	96179
52557	96522
52558	96522
52560	96532
52561	96532
52562	96532
52563	96532

Motor Tune-Up Kit/Tool Compatibility (CONT'D)

Includes Assorted Parts to Maintain Your Motor in Tip-Top Shape

For models not listed, please contact Customer Service

Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit	Model No.	Tune-Up Kit
52564	96532	52715	96532	53507	96007	56922	96024	57135	96024	57551	96107	57677	96024
52565	96532	52716	96532	53510	96007	56923	96024	57136	96024	57552	96107	57700	96195
52566	96532	52717	96532	53511	96007	56924	96024	57137	96024	57553	96107	57704	96195
52570	96519	52718	96532	53512	96007	56926	96024	57138	96024	57555	96107	57810	96024
52571	96519	52719	96532	53513	96007	56927	96024	57139	96024	57570	96018	57811	96024
52573	96532	52720	96532	53514	96007	56928	96024	57140	96024	57571	96018	57812	96024
52574	96532	52721	96532	54481	96531	56929	96024	57141	96024	57572	96018	57813	96024
52575	96532	52722	96532	54482	96531	56930	96024	57142	96024	57573	96018	57814	96024
52576	96532	52725	96532	54483	96531	56932	96024	57143	96024	57574	96018	57860	96024
52577	96532	52730	96532	54484	96531	56933	96024	57144	96024	57575	96018	57900	96236
52578	96532	52731	96532	56800	96024	56934	96024	57145	96024	57582	96018	57902	96236
52579	96532	52732	96532	56801	96024	56935	96024	57146	96024	57583	96018	57908	96236
52580	96532	53001	96260	56802	96024	56950	96024	57147	96024	57584	96018	57910	96236
52581	96532	53004	96260	56803	96024	56951	96024	57148	96024	57585	96018	57920	96169
52590	96505	53037	95600	56804	96024	56952	96024	57149	96024	57600	96122	57922	96169
52600	96044	53043	96179	56815	96024	56953	96024	57150	96024	57601	96122	57923	96169
52601	96044	53044	96179	56816	96024	56954	96024	57151	96024	57602	96122	57924	96169
52602	96044	53045	96179	56817	96024	56955	96024	57152	96024	57603	96122	57925	96169
52603	96044	53046	96179	56818	96024	56956	96024	57153	96024	57604	96122	57926	96169
52604	96044	53047	96179	56819	96024	56957	96024	57154	96024	57610	96122	57927	96169
52605	96044	53048	96179	56821	96024	56958	96024	57155	96024	57611	96122	57928	96169
52610	96045	53060	96047	56822	96024	56959	96024	57156	96024	57620	96108	57929	96169
52611	96045	53070	96174	56823	96024	56960	96024	57157	96024	57621	96024	57930	96236
52612	96045	53071	96174	56824	96024	56961	96024	57200	96122	57622	96024	57935	96236
52613	96045	53072	96174	56826	96024	56962	96024	57201	96122	57623	96024	58000	96236
52614	96045	53073	96174	56827	96024	56963	96024	57202	96122	57624	96024	58010	96236
52615	96045	53074	96174	56828	96024	56964	96024	57203	96122	57625	96024	58050	96173
52660	96532	53075	96173	56829	96024	56965	96024	57204	96122	57626	96024	58100-	96480
52661	96532	53076	96173	56830	96024	56966	96024	57210	96122	57627	96024	58330	96480
52662	96532	53077	96173	56832	96024	56967	96024	57211	96122	57628	96024	58400	98220
52663	96532	53078	96173	56833	96024	56968	96024	57212	96122	57629	96024	58401	98220
52664	96532	53079	96173	56834	96024	56969	96024	57213	96122	57630	96024	58404	98220
52665	96532	53080	96234	56835	96024	56970	96024	57214	96122	57631	96024	58405	98220
52666	96532	53081	96234	56840	96024	56971	96024	57220	96122	57632	96024	58406	98220
52667	96532	53090	96047	56841	96024	56972	96024	57221	96122	57633	96024	58409	98220
52668	96532	53091	96047	56842	96024	57000	96024	57222	96122	57634	96024	58410	98221
52669	96532	53095	96047	56843	96024	57001	96024	57223	96122	57635	96024	58411	98221
52672	96532	53096	96047	56844	96024	57002	96024	57224	96122	57636	96024	58414	98221
52673	96532	53120	96532	56850	96024	57003	96024	57225	96122	57637	96024	58415	98220
52674	96532	53121	96532	56851	96024	57004	96024	57226	96122	57638	96024	58416	98220
52675	96532	53122	96532	56852	96024	57010	96122	57227	96122	57639	96024	58417	98220
52676	96532	53123	96532	56853	96024	57015	96024	57228	96122	57640	96024	58418	98220
52677	96532	53124	96532	56854	96024	57016	96024	57229	96122	57641	96024	58419	98220
52678	96532	53125	96532	56855	96024	57017	96024	57240	96122	57642	96024	58420	98220
52679	96532	53126	96532	56856	96024	57018	96024	57245	96122	57643	96024	58430	98220
52680	96532	53127	96532	56857	96024	57019	96024	57300	96195	57655	96024	58431	98220
52681	96532	53128	96532	56858	96024	57021	96024	57301	96195	57656	96024	58434	98220
52682	96532	53129	96532	56859	96024	57022	96024	57302	96195	57657	96024	58435	98220
52683	96532	53130	96532	56860	96024	57023	96024	57303	96195	57658	96024	58436	98220
52684	96532	53200	96174	56861	96024	57024	96024	57304	96195	57659	96024	58439	98220
52685	96532	53400	96333	56862	96024	57026	96024	57306	96195	57660	96024	58441	98221
52686	96532	53401	96333	56863	96024	57027	96024	57310	96195	57661	96024	58442	98221
52687	96532	53402	96333	56864	96024	57028	96024	57314	96195	57662	96024	58443	98221
52688	96532	53403	96333	56865	96024	57029	96024	57315	96195	57663	96024	58445	98221
52689	96532	53410	96333	56866	96024	57030	96024	57400	96107	57664	96024	58446	98221
52692	96532	53415	96179	56867	96024	57032	96024	57401	96107	57665	96024	59000-	
52693	96532	53417	96179	56900	96024	57033	96024	57402	96107	57666	96024	59114	96510
52694	96532	53420	96333	56901	96024	57034	96024	57403	96107	57667	96024		
52695	96532	53425	96179	56902	96024	57035	96024	57404	96107	57668	96024		
52696	96532	53430	96333	56903	96024	57125	96437	57405	96107	57669	96024		
52697	96532	53435	96179	56904	96024	57126	96537	57407	96107	57670	96024		
52698	96532	53440	96333	56915	96024	57127	96522	57500	96109	57671	96024		
52699	96532	53460	96179	56916	96024	57130	96024	57501	96109	57672	96024		
52700	96045	53465	96179	56917	96024	57131	96024	57502	96109	57673	96024		
52710	96179	53501	96007	56918	96024	57132	96024	57503	96109	57674	96024		
52711	96179	53502	96007	56919	96024	57133	96024	57530	96024	57675	96024		
52712	96179	53506	96007	56921	96024	57134	96024	57550	96107	57676	96024		

Dynüba

Cleaning and Polishing Products for Abrasive and Polishing Belts

DYNÜBA 26

Part Number 60020

1-1/2 lb. tube

- Abrasive belt grease for use with all metals.
- Promotes free cutting, improves abrasive belt life; prevents heat discoloration.



DYNÜBA 100

Ozone Safe

- Our most popular Dynüba product - extends belt life.
- Keeps belts free of metal build-up when sanding non-ferrous metals with grit 80 or finer.



Part Number 60000

11.25 oz. can

Part Number 60001

1-gallon can

Part Number 60003

5-gallon can

Part Number 60004

55-gal. drum

DYNÜBA 103

Part Number 60030

1/2 lb. stick

- Removes abrasive belt build-up of wood and resin residue.
- 8-1/2" x 1-1/2" x 1-1/2" gum rubber stick.
- Apply to grit side of moving abrasive belts and discs.



DYNÜBA 171

Part Number 60035

3 lb. tube

- Easily cleaned.
- For brilliant cut and color on stainless and aluminum.
- Polishing compound for cloth belts and rag wheels. Apply to moving cloth belts or rag wheel.



Portable Wet Tank Assembly

Preset your Desired Water Flow with Valve on Tank

Part Number 95990

- Eliminates the need for a garden hose. Two gallon capacity. Heavy-duty corrosion resistant construction.
- Translucent tank allows easy viewing of liquid level.
- Hand pump manual pressurizes container (50 PSIG maximum pressure). No need for external power source.
- Adjustable "water feed" valves at two locations. Use valve at tool as an on/off switch.



95990 ▶

Dynamount Bench Mount

Mounts Portable Air Tools Securely

Frees operator's hands

- Tool clamp swivels 180° for set-up versatility.
- Heavy-duty, rugged construction; easily mounts to workbench.
- Stands 9-3/4" tall in the upright position.
- Mounted tool can be rotated within clamp for desired positioning.



Model 80020 ▼

Part Number 80020

Universal Bench Mount

- Accepts air tools with motor diameters up to 1-3/4" diameter, such as Dynafile®.

Part Number 80021

- Has custom worktable. Designed exclusively for Dynafile® II.



Model 80021 ▲

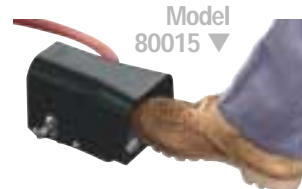
Part Number 80022

- Designed exclusively for Dynabeller® models 11475, 11476 and 11477.

Part Number 80015

Foot Pedal and Hose Assembly

- Connects to bench-mounted air tool; provides on/off foot control of air tool operation.
- Includes 11291 Foot Pedal and 11292 8' Hose Assembly (3/8" I.D. x 11/16" O.D.) with two 1/4" NPT male fittings.



Model 80015 ▼

Finesse Sanding Creme and Glaze

For use with Dynabrade Buffers

FINESSE SANDING CREME

- A sanding compound for metal, fiberglass and composites.
- Use with fine-grade sanding discs.

Part Number 95723

4 oz. (118 ml)

Part Number 95724

1 qt. (946 ml)



Part Number 95725

1 gal. (3.8 l)

DYNABRADE GLAZE

- For use with slow-speed tools to achieve a high gloss after compounding.
- For finesse sanding information, see pages G-3.

Part Number 95727

4 oz. (118 ml)

Part Number 95728

1 qt. (946 ml)





Continued Leadership in Portable Abrasive
Power Tool Technology

Abrasives and Files

www.dynabrade.com



FOR SMALL BELT TOOLS

- Coated Abrasive Belts L-1
- 3M Scotch-Brite™ Non-Woven
Nylon Belts L-2

FOR PNEUMATIC WHEELS

- Coated Abrasive Belts L-3
- Non-Woven Nylon Belts L-3

FOR DYNASTRAIGHT FINISHING TOOLS

- 3M Non-Woven Nylon Wheels L-4

FOR EXPANDER WHEELS

- Coated Abrasive Bands L-4
- Non-Woven Nylon Bands L-5

FOR ABRASIVE FINISHING TOOLS

- Coated Abrasive Flap Wheels L-5
- 3M Clean 'n Strip™ Discs L-6
- Coated Abrasive Sanding Stars L-6

FOR MINI-DYNORBITAL® SANDERS

- Coated Abrasive Discs L-6
- Non-Woven Nylon Discs L-6

FOR RANDOM ORBITAL SANDERS AND GEAR-DRIVEN SANDERS

- Coated Abrasive Discs L-7
- 3M StickIt™ Coated Abrasive Discs L-7

FOR DYNABUG, DYNALINE AND 1/4 SHEET SANDERS

- 3M Coated Abrasive Rolls L-8
- Coated Abrasive Sheets L-8

FOR DYNAFINE SANDERS

- Coated Abrasive Strips L-8
- Coated Abrasive Discs L-9
- Non-Woven Nylon Discs L-9
- Coated Abrasive Sheets L-9

FOR DISC SANDERS

- Coated Abrasive Flap Discs L-5
- Coated Abrasive Discs L-10
- 3M Non-Woven Nylon Discs L-10
- 3M Ceramic Coated Discs L-10

FOR DEPRESSED CENTER WHEEL GRINDERS

- Type 27 Reinforced Depressed
Center Wheels L-10

FOR DYNASCALER

- Roto Peen® Flaps and Hub L-11

FOR CUT-OFF WHEEL TOOLS

- 3M Green Corps™ Wheels L-11

FOR RECIPROCATING TOOLS

- Reciprocating Files L-11
- Reciprocating Saw Blades L-11



Coated Abrasive Belts

For Use With Small Belt Tools

THE CHOICE IS YOURS!

Dynabrade offers abrasives belts in three different varieties to fit the preference and budget of every operator.

3M 3M 577F

Premium grade belts. The 577F Cubicut Polycut is a premium grade of zirconia alumina from 3M. The self-sharpening characteristic of the microcrystalline structure is combined with heavy strength polyester cloth making these belts superior. We recommend these belts for optimum performance on our tools.



DC Dynacut

These zirconia alumina abrasive belts cut faster and last longer than most coated abrasive products when grinding steel or stainless steel with Dynabrade small belt tools. The belts are very sharp and are excellent for use on most metals, including aluminum and titanium, when lubricated properly (use Dynüba 100 spray lubricant; part number 60000).



A/O Aluminum Oxide

Abrasive belts constructed of the most popular man-made abrasive: aluminum oxide. Aluminum oxide is tough and known for its high speed penetration of materials such as carbon steel, alloy steel, tough bronze and hard wood without excessive fracturing of the grain. Excellent all-around abrasive belts for everyday use.



12" (309 mm) LONG

Mini-Dynafiler® II



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	1/8 (3)	-	-	89002	89003	-	-	-
	1/4 (6)	89005	89006	89007	89008	-	-	-
	1/2 (13)	89010	89011	89012	89013	-	-	-
DC	1/8 (3)	-	-	92206	92207	-	-	-
	1/4 (6)	92105	92106	92107	92108	-	-	-
	1/2 (13)	92110	92111	92112	92113	-	-	-
A/O	1/8 (3)	-	-	-	-	92208	92209	92210
	1/4 (6)	-	91425	91426	91427	92118	92119	92120
	1/2 (13)	-	91428	91429	91430	92114	92115	92116

18" (457 mm) LONG

Dynafiler® II,
Electric Dynafiler® II,
Dynafiler® III and Dynangle



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	1/8 (3)	-	-	89032	89033	-	-	-
	1/4 (6)	89035	89036	89037	89038	-	-	-
	1/2 (13)	89040	89041	89042	89043	-	-	-
	3/4 (19)	89045	89046	89047	89048	-	-	-
	1 (25)	89050	89051	89052	89053	-	-	-
DC	1/8 (3)	-	-	92230	92231	-	-	-
	1/4 (6)	92125	92126	92127	92128	-	-	-
	1/2 (13)	92130	92131	92132	92133	-	-	-
	3/4 (19)	92135	92136	92137	92138	-	-	-
	1 (25)	92140	92141	92142	92143	-	-	-
A/O	1/8 (3)	-	-	92228	92229	92232	92233	92234
	1/4 (6)	-	91114	91115	91116	90224	90225	90226
	1/2 (13)	-	91117	91118	91119	90244	90245	90246
	3/4 (19)	-	91123	91124	91125	90254	90255	90256
	1 (25)	-	91126	91127	91128	90288	90289	90290

NOTE: Our Dynafiler® II, Electric Dynafiler® II, and Dynafiler® III can also be adapted to use 24" belts

20-1/2" (521 mm) LONG

Dynafiler® II



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	3/4 (19)	-	89061	89062	89063	-	-	-
DC	3/4 (19)	90640	90641	90642	90643	-	-	-
A/O	3/4 (19)	-	-	-	-	90334	90335	90336

24" (610 mm) LONG

Dynafiler®



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	1/8 (3)	-	-	89072	89073	-	-	-
	1/4 (3)	89075	89076	89077	89078	-	-	-
	1/2 (10)	89080	89081	89082	89083	-	-	-
	1 (25)	89085	89086	89087	89088	-	-	-
DC	1/8 (3)	-	-	90456	90457	-	-	-
	1/4 (3)	92155	92156	92157	92158	-	-	-
	1/2 (10)	92160	92161	92162	92163	-	-	-
	1 (25)	92165	92166	92167	92168	-	-	-
A/O	1/8 (3)	-	-	-	-	90410	90411	90412
	1/4 (6)	-	91434	91435	91436	90423	90424	90425
	1/2 (13)	-	91437	91438	91439	90449	90451	90453
	1 (25)	-	-	-	-	90486	90487	90488

Coated Abrasive Belts (CONT'D)

For Use With Small Belt Tools

3M 3M 577F **DC** Dynacut **A/O** Aluminum Oxide

30" (762 mm) LONG

Dynabelter



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	1/4 (6)	89095	89096	89097	89098	-	-	-
	1/2 (10)	89100	89101	89102	89103	-	-	-
	1 (25)	89105	89106	89107	89108	-	-	-
	2 (51)	89110	89111	89112	89113	-	-	-
DC	1/4 (6)	92175	92176	92177	92178	-	-	-
	1/2 (10)	92180	92181	92182	92183	-	-	-
	1 (25)	92185	92186	92187	92188	-	-	-
	2 (51)	92190	92191	92192	92193	-	-	-
A/O	1/4 (6)	-	-	-	-	90471	90472	90473
	1/2 (13)	-	90671	90672	90673	90493	90494	90496
	1 (25)	-	90674	90675	90676	90512	90513	90514
	2 (51)	-	90677	90678	90679	90390	90391	90392

34" (864 mm) LONG

Dynangle II



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	1/2 (10)	-	84815	84816	84817	-	-	-
	2 (51)	-	84818	84819	84820	-	-	-
A/O	1/4 (6)	-	90475	90477	90479	-	-	-
	1/2 (10)	-	90495	90497	90499	-	-	-
	3/4 (19)	-	90367	90368	90370	-	-	-
	2 (51)	-	90377	90378	90380	-	-	-

44" (1,118 mm) LONG

	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	1/2 (10)	-	84821	84822	84823	-	-	-
A/O	1/2 (10)	-	90545	90547	90549	-	-	-

3M Scotch-Brite™ Non-Woven Nylon Belts

For Use With Small Belt Tools - Abrasive Impregnated

Premium Scotch-Brite™ surface conditioning material from 3M. This material was designed for rust removal, wood sanding, cleaning, finishing, light deburring and blending. Its open construction resists loading. We recommend these products for optimum performance of our tools.



24" (610 mm) LONG

Dynafile®



Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
1/4 (6)	-	90397	90403	90433	90460	-
1/2 (13)	90054	90398	90400	90434	90461	-
1 (25)	-	90399	90402	90416	90462	-

12" (309 mm) LONG

Mini-Dynafile® II



Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
1/2 (13)	-	90311	90312	90313	90314	-

18" (457 mm) LONG

Dynafile® II,
Electric Dynafile® II,
Dynafile® III and Dynangle



Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
1/4 (6)	-	90158	90228	90229	-	-
1/2 (13)	90052	90159	90248	90292	90297	-
3/4 (19)	90053	90161	90258	90294	90299	-
1 (25)	-	90162	90259	90295	90300	-

30" (762 mm) LONG

Dynabelter



Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
1/2 (13)	-	-	90406	90436	90442	-
1 (25)	-	-	90401	90437	90444	-
2 (51)	-	-	90414	90438	90448	-

34" (864 mm) LONG

Dynangle II



Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
2 (51)	-	-	90371	90373	90374	-

Scotch-Brite is a registered trademark of 3M Company

Coated Abrasive Belts

For Use With Dynacushion® Pneumatic Wheels

3M 3M 577F **DC** Dynacut **A/O** Aluminum Oxide

7-3/8" (187 mm) LONG

2-1/4" Dia. Pneumatic Wheels



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
DC	3 (76)	-	90631	90632	90633	-	-	-
A/O	3 (76)	-	-	-	-	90634	90635	90636

9-5/8" (244 mm) LONG

3" Dia. Pneumatic Wheels

	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
DC	2-1/4 (57)	-	92260	92261	92262	-	-	-

10-11/16" (271 mm) LONG

3-1/4" Dia. Pneumatic Wheels



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	3 (76)	-	89151	89152	89153	-	-	-
DC	3 (76)	-	92101	92102	92103	-	-	-
	7 (178)	-	-	-	90600	-	-	-
A/O	3 (76)	-	90613	90614	90615	90268	90269	90270
	7 (178)	-	-	-	-	90601	-	90602

15-1/2" (394 mm) LONG

5" Dia. Pneumatic Wheels



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
3M	2-3/4 (70)	-	89166	89167	89168	-	-	-
	3-1/2 (89)	-	89171	89172	89173	-	-	-
DC	2-3/4 (70)	-	90017	90018	90020	-	-	-
	3-1/2 (89)	-	90272	90273	90275	-	-	-
A/O	2-3/4 (70)	-	90076	90077	90078	90026	90011	90012
	3-1/2 (89)	-	90353	90354	90355	90277	90338	90339

19-1/4" (489 mm) LONG

6" Dia. Pneumatic Wheels

	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
DC	2 (51)	-	92663	92664	92665	-	-	-

26-5/16" (668 mm) LONG

8-1/4" Dia. x 9" Long Pneumatic Wheels



	Width Inch (mm)	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320
DC	9 (229)	-	-	-	90606	-	-	-
A/O	9 (229)	-	-	-	-	90607	-	90608

Non-Woven Nylon Belts

For Use With Dynacushion® Pneumatic Wheels

3M **3M**

DB Dynabrade

Denotes 3M Company non-woven nylon belts.

Denotes Dynabrade non-woven nylon belts.



7-1/2" (191 mm) LONG

2-1/4" Dia. Pneumatic Wheels

	Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
DB	3 (76)	-	90090	90091	90092	-	-

9-5/8" (244 mm) LONG

3" Dia. Pneumatic Wheels

	Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
DB	2-1/4 (57)	-	90093	90094	90095	-	-

10-11/16" (271 mm) LONG

3-1/4" Dia. Pneumatic Wheels

	Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
3M	3 (76)	90048	89210	89211	89212	89213	-
DB	3 (76)	-	90219	90237	90238	90239	-
	7 (178)	-	90096	90097	90098	-	-

15-1/2" (394 mm) LONG

5" Dia. Pneumatic Wheels

	Width Inch (mm)	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)	SE Coarse
3M	2-3/4 (70)	-	-	89231	89232	89233	-
	3-1/2 (89)	90051	89240	89241	89242	89243	89244
DB	2-3/4 (70)	-	90013	90021	90022	90023	-
	3-1/2 (89)	-	90014	90281	90282	90283	-

3M Non-Woven Nylon Wheels

For Dynastraight®

1" Center Hole

- 6" dia. x 4" wide wheels have 3/4" flange adapter (96037) which may be removed to fit 1" dia. spindles.
- 6" dia. x 2" wide and 6" dia. x 1" wide wheels include 1/2" (96035) and 5/8" (96036) dia. flange inserts.



4" (102 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
3 (76)	–	90871

6" (152 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
1 (76)	–	90866
2 (51)	–	90865
4 (102)	90870	90864

Coated Abrasive Bands

For Use With Expander Wheels

Zirconia Alumina

1" (25 mm) DIAMETER

Width Inch (mm)	36 Grit	60 Grit	80 Grit	120 Grit
1 (25)	–	–	91069	91072
1-1/2 (38)	–	–	91070	91073
2 (51)	–	–	91071	91074



1-1/2" (38 mm) DIAMETER

Width Inch (mm)	36 Grit	60 Grit	80 Grit	120 Grit
1 (25)	–	–	91078	91081
1-1/2 (38)	–	–	91079	91082
2 (51)	–	–	91080	91083

4" (102 mm) DIAMETER

Width Inch (mm)	36 Grit	60 Grit	80 Grit	120 Grit
1 (25)	90702	90714	90726	90738
1-1/2 (38)	–	90720	90732	90744
2 (51)	90703	90715	90727	90739
3 (76)	–	90721	90733	90745

2" (51 mm) DIAMETER

Width Inch (mm)	36 Grit	60 Grit	80 Grit	120 Grit
1 (25)	–	–	91087	91090
1-1/2 (38)	–	–	91088	91091
2 (51)	–	–	91089	91092

5" (127 mm) DIAMETER

Width Inch (mm)	36 Grit	60 Grit	80 Grit	120 Grit
1 (25)	90704	90716	90728	90740
1-1/2 (38)	–	90723	90735	90747
2 (51)	90705	90717	90729	90741
3 (76)	–	90706	90708	90710

3" (76 mm) DIAMETER

Width Inch (mm)	36 Grit	60 Grit	80 Grit	120 Grit
1 (25)	90700	90712	90724	90736
2 (51)	90701	90713	90725	90737
3 (76)	–	90719	90731	90743

6" (152 mm) DIAMETER

Width Inch (mm)	36 Grit	60 Grit	80 Grit	120 Grit
1-1/2 (38)	–	90690	90694	90697
2 (51)	–	90691	90695	90698

Non-Woven Nylon Bands

For Use With Expander Wheels



1" (25 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
1 (25)	90810	90760
1-1/2 (38)	90811	90761
2 (51)	90812	90762

1-1/2" (38 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
1 (25)	90813	90763
1-1/2 (38)	90814	90764
2 (51)	90815	90765

3" (76 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
1 (25)	90748	90754
1-1/2 (38)	90819	90769
2 (51)	90749	90755
3 (76)	90820	90770

5" (127 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
1 (25)	90752	90758
1-1/2 (38)	90824	90774
2 (51)	90753	90759
3 (76)	90825	90775
4 (102)	90826	90776

2" (51 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
1 (25)	90816	90766
1-1/2 (38)	90817	90767
2 (51)	90818	90768

4" (102 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
1 (25)	90750	90756
1-1/2 (38)	90821	90771
2 (51)	90751	90757
3 (76)	90822	90772
4 (102)	90823	90773

6" (152 mm) DIAMETER

Width Inch (mm)	Coarse (80-150)	Medium (150-180)
1 (25)	90827	90777
1-1/2 (38)	90828	90778
2 (51)	90829	90779

Coated Abrasive Flap Wheels

For Use With Dynastraight® Flapper and Dynisher

Aluminum Oxide

2-1/2" (64 mm) DIA. X 1" (25 mm) WIDE

Dynastraight Flapper

Part Number	Grit
90830	60
90831	80



4" (102 mm) DIA. X 4" (102 mm) WIDE

Dynisher

Part Number	Grit
90850	40
90849	50
90851	80
90852	120



Coated Abrasive Flap Discs

For Use With 2" and 3" Dia. Disc Sanders

Aluminum Oxide

2" (51 mm) – LOCKING-TYPE DISCS

2" Disc Sanders

Part Number	Grit
90970	40
90971	60
90972	80
90973	120



3" (76 mm) – LOCKING-TYPE DISCS

3" Disc Sanders

Part Number	Grit
90924	40
90925	60
90926	80
90927	120



3M Clean 'n Strip™ Discs For Dynastraight®

1/2" (13 mm) WIDE

Width Inch (mm)	Coarse (80-150)
4 (102)	90890
5 (127)	90883
6 (152)	90886



Clean 'N Strip is a registered trademark of 3M Company

Coated Abrasive Sanding Stars

For Use With
Lightweight
Dyninger
and Dyninger
Aluminum Oxide



SPINDLE-MOUNT STARS

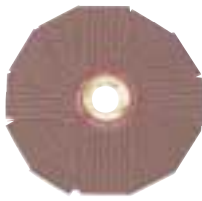
4" (102 mm) Diameter

Diameter Inch (mm)	80 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	400 Grit
4 (102)	93166	93167	93168	93169	93171	93172	93173

ARBOR-MOUNT STARS

4" (102 mm) Diameter –
Lightweight Dyninger

8" (203 mm) Diameter – Dyninger



Diameter Inch (mm)	80 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	400 Grit
4 (102)	93392	93393	93394	93395	93396	93397	93398
8 (203)	93243	93245	93246	93247	93248	93251	93252



EYELET STARS

Lightweight Dyninger

Diameter Inch (mm)	80 Grit	120 Grit	150 Grit	180 Grit	220 Grit	320 Grit	400 Grit
3/4 (19)	93579	93580	93581	93582	93583	-	-
1 (25)	93586	93587	93588	93589	93590	-	-
1-1/2 (38)	93541	93542	93543	93544	93545	93546	93547
2 (51)	93551	93552	93553	93554	93555	93556	93557
3 (76)	93558	93559	93560	93561	93562	93563	93564
4 (102)	93565	93566	93567	93568	93569	-	-

Coated Abrasive Discs

For Use With Mini-Dynorbital® Sanders
Micro-Finishing Film



PSA DISCS

Aluminum Oxide

Width Inch (mm)	1,000 Grit
3/4 (19)	93183
1-1/4 (32)	93191



PSA DISCS

Silicon Carbide

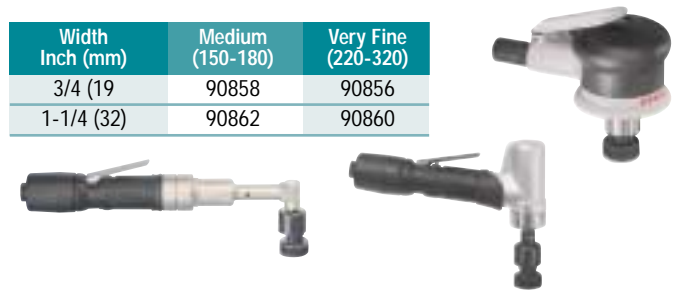
Diameter Inch (mm)	80 Grit	120 Grit	180 Grit	220 Grit
3/4 (19)	93271	93272	93274	93275
1-1/4 (32)	93280	93281	93283	93284

Non-Woven Nylon Discs

For Use With Mini-Dynorbital® Sanders

HOOK-FACE DISCS

Width Inch (mm)	Medium (150-180)	Very Fine (220-320)
3/4 (19)	90858	90856
1-1/4 (32)	90862	90860



Coated Abrasive Discs

For Use With Random Orbital and Gear-Driven Sanders

Aluminum Oxide

5" (127 mm) DIAMETER

Hook-Face

Number of Holes	40 Grit	60 Grit	80 Grit	120 Grit
0	93312	93313	-	-
5	93309	93310	-	-

6" (152 mm) DIAMETER

Hook-Face

Number of Holes	40 Grit	60 Grit	80 Grit	120 Grit
0	93318	93319	-	-
6	93315	93316	-	-

8" (203 mm) DIAMETER

Hook-Face

Number of Holes	40 Grit	60 Grit	80 Grit	120 Grit
0	-	-	91446	91448
8	-	-	91458	91460



8" (203 mm) DIAMETER

PSA

Vacuum Type	Number of Holes	40 Grit	80 Grit	120 Grit
Non-Vacuum	0	91235	91237	91249
Vacuum	8	91247	91249	91251

3M Stikit™ Coated Abrasive Discs

For Use With Random Orbital Sanders

PSA Disc Rolls

3-1/2" (89 mm) DIAMETER

Stikit™ Gold 216U – Aluminum Oxide

Number of Holes	80 Grit	100 Grit	120 Grit	180 Grit	200 Grit	220 Grit	320 Grit
0	92090	-	92092	92094	92095	-	92097



5" (127 mm) DIAMETER

Stikit™ Gold 216U – Aluminum Oxide

Number of Holes	80 Grit	100 Grit	120 Grit	180 Grit	200 Grit	220 Grit	320 Grit
0	93101	93102	93103	93105	-	93106	-
5	93109	93110	93111	93113	-	93114	-

5" (127 mm) DIAMETER

Stikit™ Gold 415U Tri-m-ite – Silicon Oxide

Number of Holes	80 Grit	100 Grit	120 Grit	180 Grit	200 Grit	220 Grit	320 Grit
0	93051	-	93053	93055	-	93056	-
5	93060	-	93062	93064	-	93065	-

6" (152 mm) DIAMETER

Stikit™ Gold 216U – Aluminum Oxide

Number of Holes	80 Grit	100 Grit	120 Grit	180 Grit	200 Grit	220 Grit	320 Grit
0	93200	93201	93202	93204	-	93205	-
6	93215	93216	93217	93219	-	93220	-

6" (152 mm) DIAMETER

Stikit™ Gold 415U Tri-m-ite – Silicon Oxide

Number of Holes	80 Grit	100 Grit	120 Grit	180 Grit	200 Grit	220 Grit	320 Grit
0	93069	-	93071	93073	-	93074	-
6	93077	-	93079	93081	-	93082	-

3M Coated Abrasive Rolls

For Use With Dynabug and Dynaline Sanders

PSA Mounted Rolls – Aluminum Oxide



2-3/4" (70 mm) WIDE

Dynaline Sanders

80 Grit	100 Grit	120 Grit	150 Grit	180 Grit
93000	93001	93002	93003	93004

3-2/3" (93 mm) WIDE

Dynabug Sanders

80 Grit	100 Grit	120 Grit	150 Grit	180 Grit
93030	–	93032	93033	93034

Coated Abrasive Sheets

For Use With 1/4 Sheet and Dynabug Sanders

Aluminum Oxide



4-1/2" (114 mm) WIDE x 4-1/4" (108 mm) LONG

1/4 Sheet Sander

Type	80 Grit	100 Grit	120 Grit	180 Grit	220 Grit	320 Grit
Hook-Face	93850	–	93851	93852	–	93853

3-2/3" (93 mm) WIDE x 7" (178 mm) LONG

Dynabug Sanders

Type	80 Grit	100 Grit	120 Grit	180 Grit	220 Grit	320 Grit
Hook-Face	–	93801	–	–	–	–
PSA	93810	–	93812	93814	93815	93816

Coated Abrasive Strips

For Use With Dynafine Finger Sanders and Stockade Filers

PSA – Aluminum Oxide

2" (51 mm) LONG

Dynafine Finger Sanders

Width Inch (mm)	120 Grit	180 Grit	240 Grit
3/8 (10)	93940	93941	93942
3/4 (19)	93943	93944	93945

6" (152 mm) LONG

Grit File Abrasive Kits

Width Inch (mm)	80 Grit	180 Grit
1/4 (6)	90960	90967
1/2 (10)	90955	90957



Coated Abrasive Discs

For Use With Dynafine Sanders

Aluminum Oxide



TEAR-DROP DISCS

Dynafine Sanders

Type	80 Grit	120 Grit	150 Grit	180 Grit
Hook-Face	93953	93954	93955	93956
PSA	93993	93994	93995	93996

TRIANGULAR DISCS

Dynafine Sanders

Type	80 Grit	120 Grit	150 Grit	180 Grit
Hook-Face	93913	93914	93915	93916
PSA	93983	93984	93985	93986

Non-Woven Nylon Discs

For Use With Dynafine Sanders



TEAR-DROP DISCS

Dynafine Sanders

Coarse (150-180)	Medium (220-320)	Fine (180-220)	Super Fine (220-600)
93970	93971	93972	93973

TRIANGULAR DISCS

Dynafine Sanders

Medium (150-180)	Very Fine (220-320)
93931	93932

Coated Abrasive Sheets

For Use With Dynafine Backsplash Sanders

Silicon Carbide

3-1/2" (89 mm) WIDE x 2-3/4" (70 mm) LONG

Dynafine "Backsplash" Sanders

120 Grit	150 Grit	180 Grit
93130	93131	93132



Coated Abrasive Discs

For Use With 2" and 4-1/2" Diameter Disc Sanders



2" (51 mm) DIAMETER

Aluminum Oxide

50 Grit	80 Grit	100 Grit	120 Grit
-	92040	92046	-

4-1/2" (114 mm) DIAMETER

Ceramic Coated Aluminum Oxide

50 Grit	80 Grit	100 Grit	120 Grit
92052	92053	92054	92055

3M Non-Woven Nylon Discs

For Use With 2", 3" and 4" Diameter Disc Sanders

Roloc™

2" (51 mm) DIAMETER

Coarse (80-150)	Medium (150-180)	Very Fine (220-320)	Super Fine (220-600)
90872	90873	90874	90875

3" (76 mm) DIAMETER

Coarse (80-150)	Medium (150-180)	Very Fine (220-320)	Super Fine (220-600)
90876	90877	90878	90879

4" (102 mm) DIAMETER

Coarse (80-150)	Medium (150-180)	Very Fine (220-320)	Super Fine (220-600)
90867	90868	-	-



3M Ceramic Coated Discs

For Use With 2", 3" and 4" Diameter Disc Sanders

Roloc™ - Aluminum Oxide

2" (51 mm) DIAMETER

60 Grit	80 Grit	120 Grit
92027	92028	92029

3" (76 mm) DIAMETER

60 Grit	80 Grit	120 Grit
92031	92032	92033

4" (102 mm) DIAMETER

36 Grit	60 Grit	80 Grit
92047	92049	92050

Roloc is a registered trademark of 3M Company



Type 27 Reinforced Depressed Center Wheels

For Use With 2" Diameter Depressed Center Wheel Grinders

Aluminum Oxide

2" (51 mm) DIAMETER

3/8" Center Hole

Part Number	Grit
90999	24



Dynascaler Flaps and Hubs

For Use With Dynascalers

3M ROTO PEEN® FLAPS

Type C

Part Number	Flap Size Inch (mm)
39002	2 (51)

ROTO PEEN® HUB

Type C

Part Number	Hub Width Inch (mm)
30330	2-1/4 (57)



Roto Peen is a registered trademark of 3M Company

3M Green Corps™ Wheels

For Use With 3" and 4" Diameter Cut-Off Wheel Tools

3M Co. Green Corps™ Cut-Off Wheels

3" (76 mm) DIAMETER

Part Number	Thickness Inch (mm)	Hole Dia. Inch (mm)
94910	1/16 (2)	3/8 (10)

4" (102 mm) DIAMETER

Part Number	Thickness Inch (mm)	Hole Dia. Inch (mm)
94911	1/32 (1)	3/8 (10)



Green Corps is a registered trademark of 3M Company

Reciprocating Files

For Use With Reciprocating Filers



6" (152 mm) LONG

Part Number	Name	Shape	Shank	Cut
90980	Pillar	■	5/32" (4 mm) x 7/16" (11 mm)	"00" Very Coarse
90981	Half Round	◐	5/32" (4 mm) x 7/16" (11 mm)	"00" Very Coarse
90982	Round	●	1/4" (6 mm) Dia.	"00" Very Coarse
90983	Triangular	▲	5/32" (4 mm) x 1/2"	"00" Very Coarse
90984	Square	■	1/4" (6 mm) Dia.	"00" Very Coarse
90985	Pillar	■	5/32" (4 mm) x 7/16" (11 mm)	"0" Coarse
90986	Half Round	◐	5/32" (4 mm) x 7/16" (11 mm)	"0" Coarse
90988	Triangular	▲	5/32" (4 mm) x 1/2" (10 mm)	"0" Coarse
90989	Square	■	1/4" (6 mm) Dia.	"0" Coarse
90905	Foundry	◐	1/4" (6 mm) Dia. to 1/8" (3 mm) Tapered	"00" Very Coarse

3-1/2" – 4" (89-102 mm) LONG

1/8" (3 mm) Diameter Shank

File/Cut	Equaling	Three Square	Half Square	Round	Crochet	Round
Straight File Medium Cut 1	90900	90910	90920	90930	90940	90950
Curved File Fine Cut 2	90901	90911	90921	90931	90941	90951

Reciprocating Saw Blades

For Use With Reciprocating Saws

SAW BLADES

Part Number	Blade Type	Description	Shape
90934	Metal/Fiberglass Cutting	Silver • Long Life • Bi-Metal	
90937	Metal Cutting	White • Long Life • Bi-Metal	
90938	Metal Scroll Heavy Duty	White • Long Life • Bi-Metal	
90939	Wood Cutting/Stiff Back	White • Bi-Metal	





Continued Leadership in Portable Abrasive Power Tool Technology



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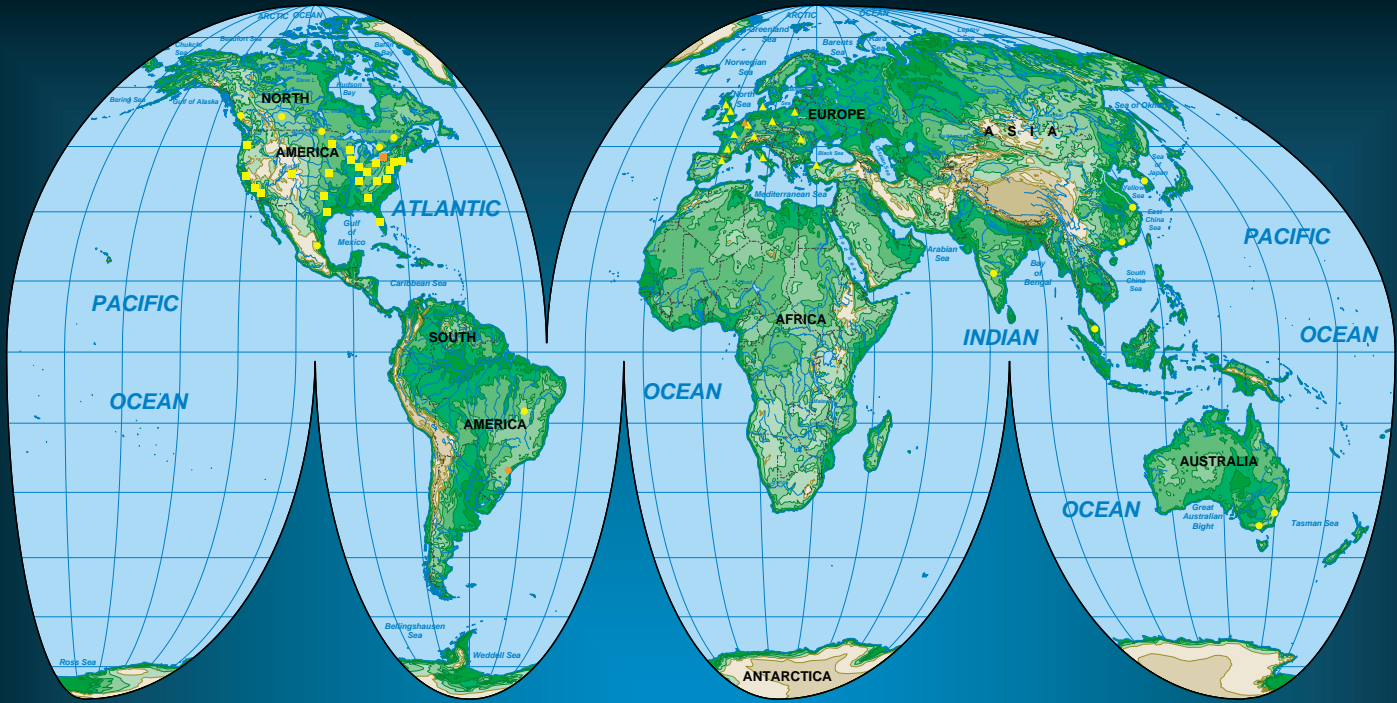
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