

Dynafile®



*The Most Recognized Shape
In Portable Abrasive Belt Tools!*

Air-Powered Abrasive Belt Machine

Grind • Deburr • Blend • Clean • Finish • Polish



*Featuring
New Composite
Quick-Change
Housing Cover!*



*Continued Leadership In Portable Abrasive
Power Tool Technology*



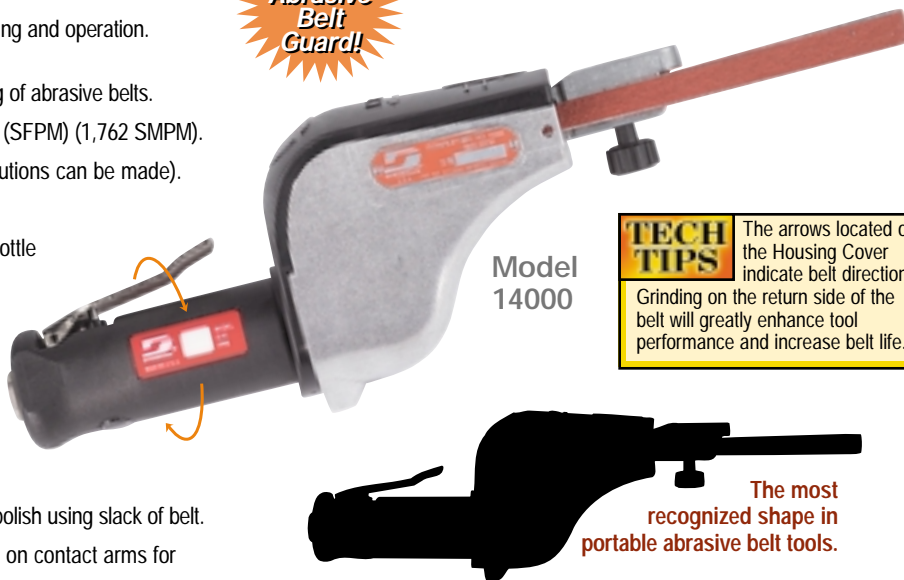
" THE ORIGINAL " DYNAFILE®

The Best Tracking Abrasive Belt Tool in the World!

Grind • Deburr • Blend • Polish

MODEL 14000

- New belt housing has larger opening for belt tracking and operation. No more grinding away the housing!
- New composite belt guard for easy quick-changing of abrasive belts.
- Adjustable speed to 5,800 surface feet per minute (SFPM) (1,762 SMPM).
- Includes 11218 Contact Arm (contact arm substitutions can be made).
- Replaces tedious hand filing and sanding.
- Motor adjusts easily for the most comfortable throttle lever position.
- Lightweight, thermal-insulated composite motor housing reduces vibration and cold air transmission to operator.
- Superior belt tracking and patented design permits use of 1/8" (3 mm), 1/4" (6 mm) or 1/2" (13 mm) wide x 24" (610 mm) long abrasive belts; fast abrasive belt change!
- Grind off contact wheel or platen pad. Finish and polish using slack of belt.
- Hard and soft Dynapad® PSA platen pads mount on contact arms for heavy grinding or contour polishing.
- Work on metal, plastic, fiberglass, composites, rubber, glass and stone.
- Work in areas as small as 3/8" (10 mm) diameter.
- The Dynafile® accepts over 30 interchangeable contact arms! (See pages 3-5.)



Model 14000

TECH TIPS The arrows located on the Housing Cover indicate belt direction. Grinding on the return side of the belt will greatly enhance tool performance and increase belt life.

The most recognized shape in portable abrasive belt tools.

IN STOCK!

24" (610 mm) Long Dynacut Belts

Width	60 Grit	80 Grit	120 Grit
1/8" (3 mm)	-	90456	90457
1/4" (6 mm)	92156	92157	92158
1/2" (13 mm)	92161	92162	92163

IN STOCK!

24" (610 mm) Long Non-Woven Nylon Belts

Width	Coarse	Medium	Very Fine	Super Fine
1/4" (6 mm)	90460	90433	90403	90397
1/2" (13 mm)	90461	90434	90400	90398

14010 VERSATILITY KIT

- 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.



Model 14010



Work in areas as narrow as 3/8" (10 mm).



Grind welds using abrasive belts as narrow as 1/8" (3 mm) wide!



Rework turbine blades.



Clean and finish using Scotch-Brite® 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)
14000	.5 (373)	20,000	84 dB(A)	1/8-1/2 (3-13) W x 24 (610) L	4/29 (821)	5,800 (1,762)	3.0 (1.4)	15.0 (381)	4.0 (102)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bars)
 Recommended Air Line Accessory: For Best Performance use 95676 Coupler/Plug Assembly

DYNAFILE® STANDARD CONTACT ARMS

Standard Contact Arms Allow for a 4" (102 mm) Workable Reach

Contact wheels noted include bearing and shaft.

11212



- 45 PSIG (3.1 Bars) maximum.
- File round openings as small as 7/16" (11 mm).

Belt Size: 1/4" (6 mm) wide x 24" (610 mm) long.
11066 Contact Wheel: 5/16" (8 mm) dia. x 1/8" (3 mm) wide, steel.
11034 Platen: 1/4" (6 mm) wide.

11218



- Standard arm on Model 14000.
- See 11228 for heavy-duty version.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11078 Contact Wheel: 5/8" (16 mm) dia. x 3/8" (10 mm) wide, rubber.
11025 Platen: 1/2" (13 mm) wide.

11213



- 45 PSIG (3.1 Bars) maximum.
- See 11239 for heavy-duty version.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11068 Contact Wheel: 5/16" (8 mm) dia. x 3/8" (10 mm) wide, steel.
11027 Platen: 1/2" (13 mm) wide.

11219



- No platen due to offset design.
- Grind radiuses, strap polish.
- Offset for slack polishing.

Belt Size: 1/4" (6 mm), 5/16" (8 mm) or 1/2" (13 mm) wide x 24" (610 mm) long.
11080 Contact Wheel: 1" (25 mm) dia. x 3/8" (10 mm) wide, radiused rubber.
No Platen.

11214



- 45 PSIG (3.1 Bars) maximum.
- Work on contact wheel or Dynapad®.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11070 Contact Wheel: 7/16" (11 mm) dia. x 3/8" (10 mm) wide, rubber.
11025 Platen: 1/2" (13 mm) wide.

11228



- Heavy-duty steel.
- Optional 11028 Steel Platen available for grinding.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11078 Contact Wheel: 5/8" (16 mm) dia. x 3/8" (10 mm) wide, rubber.
11025 Platen: 1/2" (13 mm) wide.

11215



Belt Size: 1/4" (6 mm) wide x 24" (610 mm) long.
11072 Contact Wheel: 7/16" (11 mm) dia. x 1/8" (3 mm) wide, brass.
11034 Platen: 1/4" (6 mm) wide.

11231



- See 11243 for heavy-duty version.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11084 Contact Wheel: 3/4" (19 mm) dia. x 1/2" (13 mm) wide, rubber.
11026 Platen: 1/2" (13 mm) wide.

11216



- Enter 5/16" (8 mm) x 3/4" (19 mm) openings.

Belt Size: 1/4" (6 mm) wide x 24" (610 mm) long.
11074 Contact Wheel: 5/8" (16 mm) dia. x 1/8" (3 mm) wide, rubber.
11032 Platen: 1/4" (6 mm) wide.

11232

"V" Shape Wheel



- For 1/8" (3 mm) wide belts.
- No platen due to offset design.
- Grind corners, strap polish.

Belt Size: 1/8" (3 mm) or 1/4" (6 mm) wide x 24" (610 mm) long.
11086 Contact Wheel: 1" (25 mm) dia. x 3/8" (10 mm) wide, tapered urethane.
No Platen.

11217



- Enter channels as narrow as 9/16" (15 mm).

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11076 Contact Wheel: 7/16" (11 mm) dia. x 3/8" (10 mm) wide, steel.
11027 Platen: 1/2" (13 mm) wide.

TECH TIPS

To maximize the life of smaller bearings. Lower the operating air pressure to 45 PSIG (3.1 Bars) and run the motor at a lower RPM.

DYNAFILE® STANDARD CONTACT ARMS (CONT'D)

Standard Contact Arms Allow for a 4" (102 mm) Workable Reach

Contact wheels noted include bearing and shaft.

11239



- Heavy-duty steel.
- Grind in narrow areas.
- 45 PSIG (3.1 Bars) maximum.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11068 Contact Wheel: 5/16" (8 mm) dia. x 3/8" (10 mm) wide, steel.
11027 Platen: 1/2" (13 mm) wide.

11262

"Offset Arm"



- For flat grinding using platen at or near corners and edges of large radius round.
- Contact wheel is offset to prevent gouging.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11078 Contact Wheel: 5/8" (16 mm) dia. x 3/8" (10 mm) wide, rubber.
11026 Platen: 1/2" (13 mm) wide.

11243



- Heavy-duty.
- Grind over contact wheel or Dynapad®.

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
11084 Contact Wheel: 3/4" (19 mm) dia. x 1/2" (13 mm) wide, rubber.
11135 Platen: 1/2" (13 mm) wide.

TECH TIPS

The arrows located on top of the Housing Cover indicate belt direction. Grinding on the return side of the belt will greatly enhance tool performance and increase belt life. Contact wheels, bearing and pins are available individually or as a set for all contact arm assemblies.

DYNAFILE® SPECIALIZED CONTACT ARMS

Designed to Solve Tough Production Problems!

11237 and 11238 Turbine Blade Arms



- Grind, blend and polish turbine blades.
- Reach areas as small as 5/16" (8 mm) wide.
- 1-1/2" (38 mm) strap polish area.
- 45 PSIG (3.1 Bars) maximum.

11237 ARM

Belt Size: 1/4" (6 mm) wide x 24" (610 mm) long.
11066 Contact Wheel: 5/16" (8 mm) dia. x 1/8" (3 mm) wide, steel.

11238 ARM

Belt Size: 1/2" (13 mm) wide x 24" (610 mm) long.
Contact Wheel: 1/4" (6 mm) dia. x 3/8" (10 mm) wide, steel.
(Consists of three 11051 Bearings).

11240, 11241, 11244 and 11245 Extra-Length Arms



9" (229 MM) WORKABLE REACH:

11240 ARM

Belt Size: 1/2" (13 mm) wide x 34" (864 mm) long.
11078 Contact Wheel: 5/8" (16 mm) dia. x 3/8" (10 mm) wide, rubber.

11241 ARM

Belt Size: 1/4" (6 mm) wide x 34" (864 mm) long.
11074 Contact Wheel: 5/8" (16 mm) dia. x 1/8" (3 mm) wide, rubber.

14" (356 MM) WORKABLE REACH:

11244 ARM

Belt Size: 1/2" (13 mm) wide x 44" (1,118 mm) long.
11078 Contact Wheel: 5/8" (16 mm) diameter x 3/8" (10 mm) wide, rubber.

11245 ARM

Belt Size: 1/4" (6 mm) wide x 44" (1,118 mm) long.
11074 Contact Wheel: 5/8" (16 mm) diameter x 1/8" (3 mm) wide, rubber.

11234 Double-Burrer Arm



- Deburs both edges of workpiece simultaneously.
- Contact wheels adjust for material 1/8" (3 mm) to 5/8" (16 mm) thick.

Belt Size: 1/2" (13 mm) wide x 34" (864 mm) long.
11080 Contact Wheels: 1" (25 mm) diameter x 3/8" (10 mm) wide, rubber.

TECH TIPS

To maximize the life of smaller bearings. Lower the operating air pressure to 45 PSIG (3.1 Bars) and run the motor at a lower RPM.

DYNAFILE® SPECIALIZED CONTACT ARMS

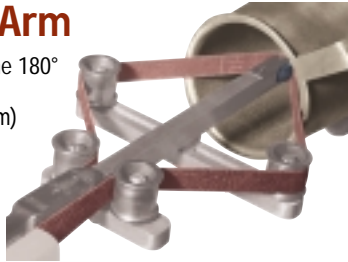
Designed to Solve Tough Production Problems!

Contact wheels noted include bearing and shaft.

11255 Cross Bow Arm

- I.D. polish, deburr or ream with one 180° wrist turn.
- Deburr leading radius of 1" (25 mm) to 4" (102 mm) round openings.
- Great for pipe fitters.

Belt Size: 1/2" (13 mm) wide x 34" (864 mm) long.



11297 Guide-Cut Arm

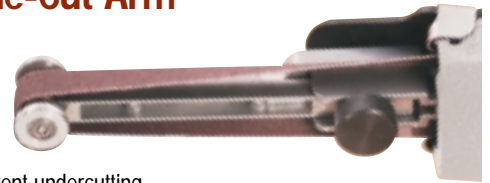
- Guide wheels prevent undercutting.
- Removes raised material within .020" (.5 mm) or less.
- Use 60 to 80 grit abrasive belts with this arm.

Belt Size:

1/2" (13 mm) wide x 24" (610 mm) long, 60 to 80 grit.

11090 Contact Wheel:

5/8" (16 mm) diameter x 3/8" (10 mm) wide rubber.



11258 Stroke Sander Arm

- 45 PSIG (3.1 Bars) maximum.
- Blend stainless steel.

Belt Size:

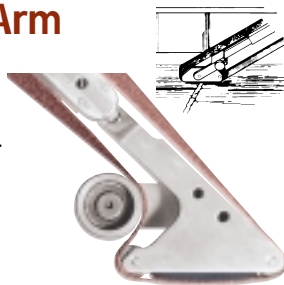
1/2" (13 mm) wide x 24" (610 mm) long.

11078 Contact Wheel:

5/8" (16 mm) diameter x 3/8" (10 mm) wide, rubber.

Platen:

1/2" (13 mm) wide x 7/8" (22 mm) long.



TECH TIPS

Visit our updated web site www.dynabrade.com. The new site is designed to support customers' desire to obtain information via the Internet.

Looking for tool information? By using the product locator, you can view any one of our tools, including technical specifying information customers can use. Other upgrades include tool schematic parts pages and list pricing.

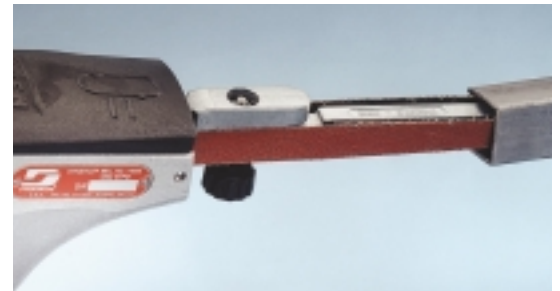
PLATEN PADS

Provides Abrasive Belt Support for all Dynafite® Abrasive Belt Machines

Part Number	Size	Material	Pkg. Qty.
11024	1/2" (13 mm) W x 3" (76 mm) L (bolts on) (11286 Arm)	Steel	1
11025	1/2" (13 mm) W x 7" (178 mm) L x 1/8" (3 mm) Thick	Soft/Sponge	5
11026	1/2" (13 mm) W x 7" L x 1/8" (3 mm) Thick	Hard/Cork	5
11027	1/2" (13 mm) W x 7" L x 1/32" (.8 mm) Thick	Thin	5
11028	1/2" (13 mm) W x 3" (76 mm) L (bolts on)	Steel	1
11032	1/4" (6 mm) W x 7" L x 1/8" (3 mm) Thick	Soft/Sponge	5
11034	1/4" (6 mm) W x 7" L x 1/32" (.8 mm) Thick	Thin	5

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

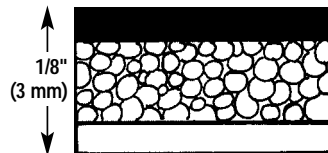
EXCEPTIONS: 11024 and 11028 Steel Platens bolt on.



SOFT

For deburring and polishing contoured pieces.

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



THIN

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

- Top facing.
- Pressure sensitive adhesive.



HARD

For heavy deburring and polishing.

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



STEEL

For flat grinding and heavy stock removal.

- Bolt to contact arm.



CHANGING DYNAFILE® ABRASIVE BELTS



1 With your thumb, pull and slide guard open in a clockwise direction.



2 Form a loop in belt keeping the belt splice between fingers as shown in photo above. Slip lower loop of belt under the drive wheel.



3 Depress idler arm lever and pull belt toward the contact wheel.



4 Slip belt over contact wheel. Release idler arm lever.



5 Completely close the guard. Operate on the contact wheel or on the return side of the belt.



ABRASIVE BELTS AND POLISHING COMPOUND

NEW DYNACUT BELTS

A Superior Product! Remove Triple the Metal... at Least Three Times Faster!

These 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).



Dynacut Coated Abrasive Belts

24" (610 mm) Long

Belt Width	40 Grit	60 Grit	80 Grit	120 Grit	180 Grit	220 Grit	320 Grit
1/8" (3 mm)	-	-	90456	90457	90410	90411	90412
1/4" (3 mm)	92155	92156	92157	92158	90423	90424	90425
1/2" (10 mm)	92160	92161	92162	92163	90449	90451	90463
1" (25 mm)	92165	92166	92167	92168	90486	90487	90488



3M Scotch-Brite® Non-Woven Nylon Belts Abrasive Impregnated

24" (610 mm) Long

Belt Width	Type T Polishing	Super Fine (320-600)	Very Fine (220-320)	Medium (150-180)	Coarse (80-150)
1/4" (6 mm)	-	90397	90403	90433	90460
1/2" (13 mm)	90054	90398	90400	90434	90461
1" (25 mm)	-	90399	90402	90416	90462

Cloth Polishing Belts

24" (610 mm) Long

Belt Width	Part Number
1/2" (13 mm)	90010



DYNÜBA®

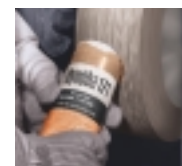
Cleaning and Polishing Products for Abrasive and Polishing Belts

Dynüba® 171

For brilliant cut and color on stainless and aluminum.

MODEL 60035 – 3 lb. (1.4 kg) Tube

- Polishing compound for cloth belts and rag wheels.
- Apply to moving cloth belts or rag wheel.
- Easily cleaned.



DYNAFILE® ACCESSORIES

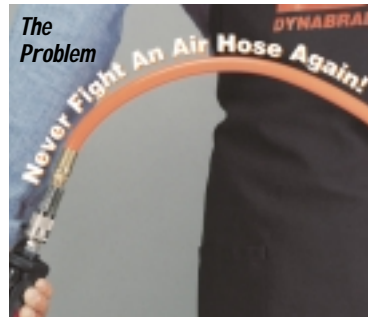
Dynaswivel® Air Line Connector Never Fight an Air Hose Again!

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

MODEL 94300

Composite Dynaswivel®

- 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.)
- **SWIVELS 360° AT TWO PIVOT POINTS** allowing the air hose to drop directly to the floor while providing superb tool handling.
- The Dynaswivel improves tool maneuverability, minimizes operator fatigue and extends hose life.
- New lightweight, non-marring composite construction; industrial quality. Improved air flow.



Part Number	Thread Size	Weight (kg)	Air Flow Range (LPM)
94300	1/4" NPT (6 mm)	2.15 oz. (.06)	up to 33 SCFM (935)

IMPORTANT: 150 PSIG (10.3 Bars) maximum on all models.
NOTE: Do not exceed recommended torque value of 20' lbs. (28-30 newton meters).

DynaJet™ In-Line Blow Gun Clean Off Work Surfaces Without Disconnecting!

MODEL 94467

Safety Tip DynaJet™ In-line Blow Gun

- Small, lightweight ergonomic design. Durable, aluminum construction, weighs only 2 oz. (.06 kg).
- Purges air lines of water and/or contaminants before starting up air tools. Clean off workpieces and/or work stations after grinding and sanding.

Part Number	Thread Size	Weight oz. (kg)	Recommended Air Flow Range
94467	1/4" Female NPT	2 (.06)	up to 35 SCFM

150 PSIG (10.3 Bars) maximum on all models.



Composite-Style Assemblies Provides Maximum Air Flow to Tools

Features

- Available in 1/4" female and male NPT styles.
- Assembly includes one Composite-Style Coupler and one plug.
- Maximum working pressure: 150 PSIG (10 Bar).
- Temperature Range: -4°F to 212°F (-20°C to 100°C).

Model 94990



Part Number	Coupler Thread Size	Plug Thread Size
94990	1/4" Female NPT	1/4" Male NPT
94991	1/4" Female NPT	1/4" Female NPT
94992	1/4" Male NPT	1/4" Male NPT
94993	1/4" Male NPT	1/4" Female NPT



Motor Tune-Up Kit/Tool Compatibility Includes Assorted Parts to Maintain your Motor in Tip-Top Shape

MODEL 95600

- Includes both high wear and medium wear motor parts.



DYNAFILE® ACCESSORIES (CONT'D)

Filter-Regulator-Lubricator

Cost Effective Solutions For Air Supply Systems

- 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.



MODEL 11405

40 SCFM (1,133 LPM) @ 100 PSIG (6.9 Bars)

- 3/8" NPT female ports.

MODEL 11411

Up to 55 SCFM (1,558 LPM) @ 100 PSIG (6.9 Bars)

- 1/2" NPT female ports.

IMPORTANT

- Filter-Regulator-Lubricators (FRL) are necessary for greater performance and increased life of air tools. We recommend one drop of Dynabrade Air Lube per minute for each 10 SCFM (283 LPM) of air flow (example: drop rate at 4 drops per minute if tool is rated at 40 SCFM - 1,133 LPM). Always mount FRL units as close to the tool as possible. Always mount lubricator higher than the tool or at least the same height. Use one lubricator per tool. Using more than one tool per lubricator may result in one tool receiving lubrication and the others running dry, resulting in premature failure.
- Dynabrade tools must be used with FRL units to maintain all warranties. For installation and maintenance instructions refer to Dynabrade's Filter-Regulator-Lubricator Manual (PD00.72).

Dynamount Bench Mount

Mounts Portable Air Tools Securely

MODEL 80020

Universal Bench Mount

- Accepts air tools with motor diameters up to 1-3/4" (44 mm) diameter, such as Dynafile®.
- Frees operator's hands...allows total control of the workpiece. Tool clamp swivels 180° for set-up versatility.
- Heavy-duty, rugged construction. Easily mounts to workbench. Stands 9-3/4" (248 mm) tall in the upright position. Mounted tool can be rotated within clamp for desired positioning.

Model 80020



MODEL 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" [10 mm] I.D. x 11/16" [17 mm] O.D.) with two 1/4" NPT male fittings.

Model 80015



For Other Dynabrade Tools and Related Accessories, Visit www.dynabrade.com



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