

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.

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

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



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.



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



- Deburrs 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

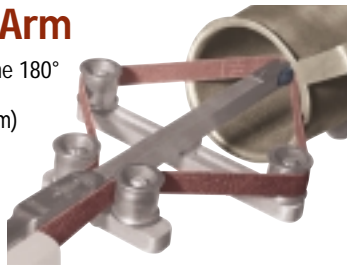
Designed to Solve Tough Production Problems!

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:

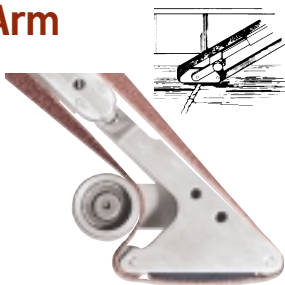
1/2" (13 mm) wide x 24" (610 mm) long.

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.

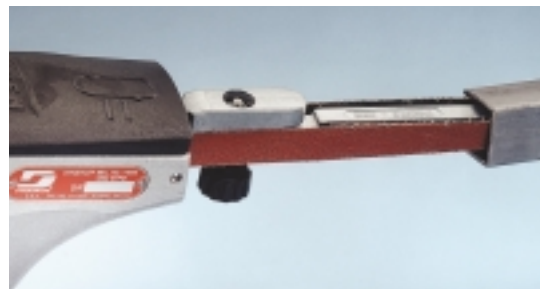
PLATEN PADS

Provides Abrasive Belt Support for all Dynaflex® 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.

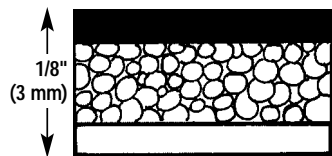
EXCEPTIONS: 11024 and 11028 Steel Platens bolt on.



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 Dynaflex Arm.

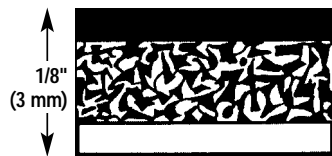
- Top facing.
- Pressure sensitive adhesive.



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.

