

Guide to Catalog Symbols

Explanations of Helpful Symbols Used Throughout Catalog

Abrasive Capacity

In the upper right corner of every tool section, this box identifies the abrasive type compatible with the designated tools. Abrasive dimensions are expressed in inches and millimeters.



Tech Tip

The glowing Dynabrade light bulb alerts you to a proven suggestion for operating a tool at peak efficiency. Tech Tips have been compiled through actual workplace experiences.



"FastTrack"

At the bottom of every tool page, the "FastTrack" is a handy reference guide to all related accessories. This is your quickest way to find the proper contact arms, sanding pads, abrasives and more!



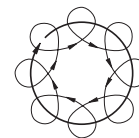
Gearless Tool

This symbol identifies a Dynabrade tool that operates with no gears. Gearless tools have fewer wearable parts, which translates to reduced maintenance and less downtime. For more information, see page 94.



Tool Motion

Dynabrade finishing tools move in a variety of patterns to suit virtually every finishing application. Motion symbols are shown to illustrate the action produced by a specific tool.



Portable Dust Collection System

Dynabrade Self-Generated Vacuum Tools collect dust and debris through the tool's exhaust, eliminating the need for an external vacuum source. These tools require the use of a portable dust collection system (sold separately), as indicated by this photo. For all optional dust collection systems, see page 156.



Measurement Conversions

Conversions to International Measurements

Conversion Factors

Length	Meters	Centimeters	Millimeters
1 Inch (in.)	0.0254 m	2.54 cm	25.4 mm
1 Foot (ft.)	0.3048 m	30.48 cm	304.8 mm

Weight	Kilograms	Grams
1 Ounce (oz.)	0.02835 kg	28.35 g
1 Pound (lb.)	0.454 kg	454 g

Volume	Liters	Power	Kilowatts	Watts
1 US Gallon	3.785 l	1 hp	0.746 kW	746 W

Torque	Newton Meters	Air Pressure	Bar
1 Ounceinch	0.00706 Nm	90 Pounds per Square Inch (PSI)	6.2 Bar
1 Poundinch	0.11298 Nm		

Abrasive Speed	SMPM	Sound Level
1 Surface Foot per Minute (SFFM)	.3048 Surface Meters per Minute (SMPM)	Expressed in dB(A). This is the pressure measurement according to method outlined in ISO regulation ISO-15744.

Air Flow Rate	LPM	NOTE: Dynabrade expresses air flow rate in SCFM/LPM only. To determine how many tools a compressor will run, compare the SCFM of tool with capacity of compressor's inlet (free air) CFM rating.
1 Standard Cubic Foot per Minute (SCFM)	28.32 Liters per Minute (LPM)	

Common Dimensions (Approximate)

Inches	Millimeters	Inches	Millimeters
3/32"	2.5 mm	4-1/2"	114 mm
1/8"	3 mm	5"	127 mm
3/16"	5 mm	6"	152 mm
1/4"	6 mm	7"	178 mm
3/8"	10 mm	8"	203 mm
1/2"	13 mm	9"	229 mm
3/4"	19 mm	11"	279 mm
1"	25 mm	12"	305 mm
1-1/4"	32 mm	18"	457 mm
2"	51 mm	20-1/2"	521 mm
2-3/4"	70 mm	24"	610 mm
3"	76 mm	30"	762 mm
3-1/2"	89 mm	34"	864 mm
4"	102 mm	44"	1,118 mm

Common Rectangular Pad Sizes - Width x Length

Inches	Millimeters
4" x 4-5/16"	102 mm x 110 mm
4-1/4" x 4-1/2"	108 mm x 114 mm
2-3/4" x 8"	70 mm x 203 mm
2-3/4" x 11"	70 mm x 278 mm
3-2/3" x 7"	93 mm x 178 mm
2-7/8" x 3-1/8"	73 mm x 79 mm
2-3/8" x 3-3/4"	60 mm x 95 mm