# **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
1 US Gallon	3.785 l

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

Torque	Newton Meters
1 Ounceinch	0.00706 Nm
1 Poundinch	0.11298 Nm

Air Pressure	Bar
90 Pounds per Square Inch (PSI)	6.2 Bar

Abrasive Speed	SMPM	
1 Surface Foot	.3048 Surface	
per Minute	Meters per	
(SFPM)	Minute (SMPM)	

Expressed in dB(A). This is
the pressure measurement
according to method outlined
in ISO regulation ISO-15744.

Air Flow Rate	LPM
1 Standard Cubic Foot per Minute (SCFM)	28.32 Liters per Minute (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.

Sound Level

#### 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