

## Product Safety Information

### Intended Use:

These die grinders are designed for grinding, porting, polishing, de-burring, and breaking sharp edges.

For additional information refer to Air Die Grinder Product Safety Information Manual Form 04580288.

Manuals can be downloaded from [www.ingersollrandproducts.com](http://www.ingersollrandproducts.com)

## Product Specifications

Model(s)	Free Speed	Collet Size	Sound Level dB(A) (ISO15744)		Vibration (m/s <sup>2</sup> ) (ISO28927)	
	rpm	mm	† Pressure (L <sub>p</sub> )	‡ Power (L <sub>w</sub> )	Level	*K
5102MAX	20000	1/4" (6 mm)	84.1	95.1	3.3	1.1
5108MAX	25000	1/4" (6 mm)	83.3	94.3	1.8	0.8

† K<sub>PA</sub> = 3dB measurement uncertainty

‡ K<sub>WA</sub> = 3dB measurement uncertainty

\*K = Vibration measurement uncertainty

## Installation and Lubrication

Size air supply line to ensure tool's maximum operating pressure (P<sub>MAX</sub>) at tool inlet. Drain condensate from valve(s) at low point(s) of piping, air filter and compressor tank daily. Install a properly sized Safety Air Fuse upstream of hose and use an anti-whip device across any hose coupling without internal shut-off, to prevent hose whipping if a hose fails or coupling disconnects. MAX Series Die Grinder vanes are made of a special material that does not require constant lubrication. However, we do suggest periodic lubrication for optimum service life. See drawing 16573164 and table on page 2. Maintenance frequency is shown in a circular arrow and defined as h=hours, d=days, and m=months of actual use. Items identified as:

1. Air filter
2. Regulator
3. Lubricator
4. Emergency shut-off valve
5. Hose diameter
6. Thread size
7. Coupling
8. Safety Air Fuse
9. Oil
10. Grease

## Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Original instructions are in English. Other languages are a translation of the original instructions.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.