

Data Sheet

Item
1412

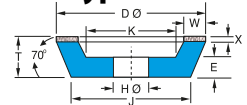
1. Product description:

Diamond Wheel for Sharpening

Dimensions (in):	4" x 1-1/2" x 1-1/4"
Dimensions (mm):	100 x 38 x 31.75
Specification:	D120R100LBX8D06P
Max. rpm:	9,550
Line:	Oro
Max. speed:	50 m/s



Type 11A2



D=	100	mm
T=	38	mm
H=	31.75	mm
W=	6	mm
X=	3.2	mm
E=	13	mm
J=	75.25	mm
K=	60	mm



Carbide

Certification

This wheel is certified by
the Organization for
the Safety of Abrasives.



Abrasive	Grit Size	Hardness	Concentration	Body	Bond	Internal Code	Identifier	Quality
Diamond	120 = Fine	R = Medium	100 = Medium	L = Aluminum	B = Resin	X8D	06 = Turquoise	P = Premium



1. Application

- For cutting, sharpening, and grooving of carbide tools.
- A very common wheel for sharpening annular and vertical cutters.
- For users who prioritize profile retention and performance.



CNC Machine

- If used on a machine or station without a containment guard, always operate with a safety guard.
- Always wear full protective equipment (gloves, hearing protection, mask, and safety glasses).
- Improper use may cause severe injury.
- For more detailed information, consult ANSI B7.1 and FEPA safety code.

2. Operating instructions

- Inspect the product to ensure it is not cracked or damaged before starting operation.
- Use wet. Cutting fluids are recommended, especially synthetic oils.
- Mount the wheel and let it run idle for one minute to verify it is not damaged.
- Always make sure the workpiece is securely clamped.
- Start the operation with linear feed or shallow depths.
- Some products have a required rotation direction—inspect the wheel before use to verify this point.
- Always use the correct, clean, and well-maintained accessories, as product performance depends on this.
- Allow the wheel to run to expel excess coolant before turning it off.

3. Safety information

- Always follow the manufacturer's recommended operating instructions.
- Never exceed the maximum operating speed of the product.

4. Handling

- Initial inspection must be carried out in the original packaging. If there is visible damage to the package, the goods must not be accepted.
- Handle the wheel carefully in its original packaging to prevent impacts or drops. If the wheel shows cracks, fractures, or visible damage, it must not be used and the manufacturer should be notified.

5. Storage

- Store the wheel on a flat surface. Do not drop or strike it. Store in a clean, dry, dust-free environment, preferably in its original packaging. Do not expose for long periods to hot, cold, or wet surfaces.
- For more information, consult ANSI B7.1.

6. Packaging units

- 1 piece

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