

Data Sheet

Item
305

1. Product description:

Diamond Wheel for Sharpening

Dimensions (in): 5" x 1-3/4" x 1-1/4"

Dimensions (mm): 125 x 45 x 31.75

Specification: D140R100LBX8D05P

Max. rpm: 7,650

Line: Oro

Max. speed: 50 m/s



Abrasive	Grit Size	Hardness	Concentration	Body	Bond	Internal Code	Identifier	Quality
Diamond	140 = Fine	R = Medium	100 = Medium	L = Aluminum	B = Resin	X8D	05 = Red	P = Premium



1. Application

- Specialized wheel for sharpening drills and carbide (tungsten carbide) tools.
- For users who prioritize profile retention and performance.



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.

- 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.

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

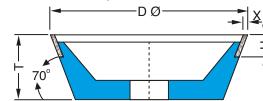
- Store the wheel on a flat surface. Do not drop or strike it. Store in a clean, dry, dust-free environment, preferably in its original packaging. Do not expose for long periods to hot, cold, or wet surfaces.
- For more information, consult ANSI B7.1.

6. Packaging units

- 1 piece



Type 11V9



D = 125 mm
T = 45 mm
H = 31.75 mm
U = 9.5 mm
X = 3.2 mm



Certification

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

