

Data Sheet

Item
310



1. Product description:

Diamond wheel for cutting and profiling

Dimensions (in): 4" x 0.040" x 1-1/4"

Dimensions (mm): 100 x 1 x 31.75

Specification: D100R100B

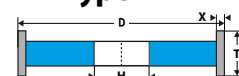
Max. rpm: 9,500

Line: Chip-cut®

Max. speed: 50 m/s



Type 1A1R



D = 100 mm

T = 0.8 mm

H = 31.75 mm

X = 4 mm



Carbide

Abrasive	Grit Size	Hardness	Concentration	Body	Bond	Internal Code	Color	Quality
Diamond	100 = Fine	R = Medium	100 = Medium		B = Resin			I = Industrial



1. Application

- For cutting, sharpening, and grooving tungsten carbide tools.
- Ideal for users with high consumption needs who require greater performance.
- Recommended for those seeking an excellent price-performance ratio.



CNC Machine

- Never exceed the maximum operating speed indicated on the wheel label.
- If used on a machine without a containment guard, a safety guard is mandatory.
- Always wear complete personal protective equipment (PPE): gloves, hearing protection, respirator, and safety glasses.
- Improper use of the product may cause serious injury.
- For more detailed information, refer to ANSI B7.1 and the FEPA Safety Code.

2. Operating instructions

- Examine el producto que no esté roto o fisurado antes de iniciar la operación.
- Usar en húmedo. Se recomienda utilizar líquidos de corte, en especial aceites sintéticos.
- Monte la rueda y déjela girar en vacío durante un minuto para verificar que no esté dañada.
- Siempre asegúrese que la pieza de trabajo está bien sujeta.
- Inicie la operación con avance lineal o profundidades bajas.
- Algunos productos tienen sentido de giro es importante que inspeccione el producto antes de usarlo para verificar este punto.
- Siempre utilice los accesorios correctos, limpios y que estén en buen estado, el correcto desempeño del producto depende de lo anterior.
- Deje girar la rueda para que expulse el exceso de refrigerante antes de apagarla.

3. Safety information

- Always follow the manufacturer's operating instructions.

4. Handling

- Perform the initial inspection in the original packaging. If the packaging shows visible damage, do not accept the product.
- Handle carefully in its original packaging to prevent impacts or drops.
- If the wheel shows any fracture or breakage, do not use it and notify the manufacturer.

5. Storage

- Store the wheel on a flat surface, avoiding impacts or drops.
- Keep the product in its original packaging, protected from humidity, dust, and dirt.
- Do not expose the wheel for long periods to extreme temperatures or wet surfaces.
- For additional information, refer to ANSI B7.1.

6. Packaging units

- 1 piece.

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