

Item
201

1. Product description:

Vitrified Grinding Wheel

Dimensions (in):	8" x 3/4" x 1-1/4"
Dimensions (mm):	200 x 20 x 31.75
Abrasive:	Aluminum Oxide
Specification:	89A46K5VA0
Grit:	46
Hardness:	K
Max. rpm:	3,850
Line:	Blancas 89A
Max. speed:	40 m/s



Type 1



D = 200 mm
T = 20 mm
H = 31.75 mm



Certification

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



1. Application

- For surface and cylindrical grinding on carbon steels, high-speed steels, and tool steels (grades H, S, M, T, and W).
- Provides fast material removal and excellent surface finishes.
- Cool-cutting action.



Surface Grinder



Sharpener

- Never use a wheel that has been wet, dropped, or damaged.
- Never use the flat side of the wheel for grinding.
- Keep the clearance between the wheel and work rest under 3 mm.
- Improper use may result in serious injury.
- Use only as specified in ANSI B7.1.

2. Operating instructions

- For use on a horizontal-spindle surface grinder.
- Mount the wheel following the label orientation.
- After mounting, run the wheel idle for one minute to ensure it is not damaged.
- Start the wheel rotation before turning on the flow of coolant or cutting fluid.
- Perform the grinding operation.
- Stop the wheel rotation after closing the coolant or cutting fluid flow.
- For best results, dress the wheel before use.
- Machine must be securely anchored and in excellent mechanical condition for maximum productivity.

3. Safety information

- Never exceed the maximum operating speed marked on the label.
- Always use safety guards.
- Always wear full protective equipment (gloves, hearing protection, mask, and safety glasses).

4. Handling

- Perform the initial inspection while the wheel is still in its original packaging. If there is any visible evidence of damage, do not accept the product.
- Handle wheels carefully to prevent impact or drops. If a wheel has fallen, cracked, chipped, or is suspected to be damaged, do not mount it.

5. Storage

- Store wheels on a flat surface. Do not strike or drop them.
- Avoid exposure to:
 - (a) Water or other solvents.
 - (b) Extreme temperatures or high humidity.
- For further information, refer to ANSI B7.1.

6. Packaging units

- 5 pieces