# **Data Sheet**

# ltem

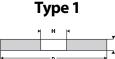
## 1. Product description:

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







200 D =mm T = 20 mm 31.75 mm









High-speed Steel (HSS)

Stainless

#### 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.

#### 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).







- · 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.

#### 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

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