

Data Sheet

Item
324

1. Product description:

Vitrified Straight Cup Grinding Wheel

Dimensions (in): 5" x 2-1/2" x 1-1/4"

Dimensions (mm): 125 x 65 x 31.75

Abrasive: Silicon Carbide

Specification: C54K6VC6

Grit: 54

Grade: K

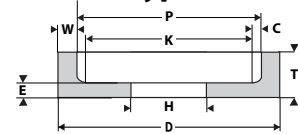
Max. rpm: 6,150

Max. speed: 40 m/s



AUSTROMEX®

Type 6



D = 5"
T = 2-1/2"
H = 1-1/4"
W = 7/8"
E = 1/2"



Tungsten
Carbide

Certification

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



1. Application

- Recommended for sharpening and grinding tungsten carbide tools, such as augers, drill bits, lathe tools, and other cutting tools.
- Excellent performance and long service life.
- Medium finish.

2. Operating instructions

- For use with a grinding machine.
- Visually inspect the wheel before mounting.
- Before grinding, run the wheel at no load for at least one minute while standing clear of the plane of rotation.
- For operations using coolant, start the wheel before turning on the coolant flow.
- At the end of the operation, turn off the coolant flow before stopping the wheel.
- Dress the wheel properly to maintain its cutting ability and achieve better results.
- Use only on properly anchored machines that are in good operating condition.

3. Safety information

- Never exceed the maximum speed indicated on the product label.
- Always use the machine's safety guards.
- Always wear appropriate personal protective equipment (PPE), including gloves, hearing protection, a dust mask, and safety glasses.



Tool
Grinder

- Do not use a wheel that has been dropped, struck, or shows any signs of damage.
- Improper use may result in serious injury.
- Use this product in accordance with ANSI B7.1.

4. Handling

- Perform the initial inspection while the wheel is still in its original packaging. If there is visible evidence of damage, the product should not be accepted.
- Handle grinding wheels carefully to prevent impacts or drops. Do not mount a wheel if it is cracked, chipped, or suspected of being damaged.

5. Storage

- Store wheels on a flat, stable surface and keep them in their original packaging until they are required for use, whenever practical.
- Do not expose wheels to:
 - (a) Water or other solvents.
 - (b) Extreme temperatures or humid conditions.
- For additional information, refer to ANSI B7.1.

6. Packaging units

- 4 pieces.

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