

Item
1003

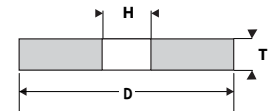
1. Product description:

Vitrified Grinding Wheel

Dimensions (in):	8" x 1/2" x 1-1/4"
Dimensions (mm):	200 x 13 x 31.75
Abrasive:	Aluminum Oxide + Ceramic
Specification:	52A54J1pVTR
Grit:	54
Grade:	J
Max. rpm:	3,850
Line:	52 A
Max. speed:	40 m/s



Type 1



D = 200 mm
T = 13 mm
H = 31.75 mm



Certification

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



1. Application

- High stock removal, allowing deeper grinding cuts.
- Made with ceramic grain and premium pink aluminum oxide.
- Reduces wheel loading during operation.
- Reduces the risk of workpiece burn, even at increased depths of cut.
- Minimizes chatter during grinding.
- Maintains tool angles and profiles.
- Provides excellent performance and wear resistance.
- Designed for grinding high-speed steels, tool steels, and hardened stainless steels.



- Do not use a wheel that has been dropped, struck, or shows any signs of damage.
- Do not grind with the flat sides of the wheel.
- 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

- 5 pieces.

2. Operating instructions

- Use the wheel on a surface grinder or tool grinder.
- Perform a ring test before mounting the wheel.
- Mount the wheel and run it at no load for one minute to verify that it is free from damage.
- Once proper operation has been verified, proceed with grinding.

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.

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