

Data Sheet

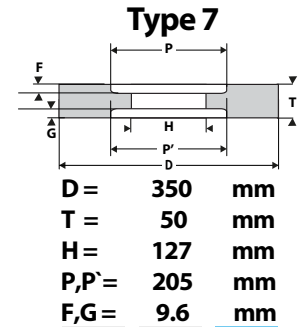
Item
78



1. Product description:

Vitrified Grinding Wheel

Dimensions (in):	14" x 2" x 5"
Dimensions (mm):	350 x 50 x 127
Abrasive:	Aluminum Oxide + Ceramic
Specification:	52A541125VP1
Grit:	54
Grade:	I
Max. rpm:	2,200
Line:	52 A
Max. speed:	40 m/s



Certification

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



1. Application

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

2. Operating instructions

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

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 dropped, impacted, or shows any signs of damage.
- 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

www.austromex.com.mx