Data Sheet

Item
263

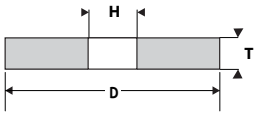
1. Product description:

Vitrified Grinding Wheel

Dimensions (in):	12" x 2" x 1-1/2"
Dimensions (mm):	300 x 50 x 38.10
Abrasive:	Silicon Carbide
Specification:	1C20R5VC1
Grit:	20
Grade:	R
Max. rpm:	2,550
Max. speed:	40 m/s



Type 1



D = 300 mm
T = 50 mm
H = 38.10 mm



Tungsten Carbide | Non-Ferrous | Stone

Certification

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





Pedestal Grinder

1. Application

• Designed for grinding gray cast iron, stainless steel, non-ferrous metals, and natural stone.
• Excellent stock removal capacity.
• Ideal for reconditioning various drilling and cutting tools, including auger bits, wedges, chisels, and drill bits.

2. Operating instructions

• Use with a pedestal grinder.
• Visually inspect the wheel before mounting. Do not use the product if it shows cracks, impact damage, chipped sections, or any other signs of damage.
• Mount the wheel properly using the appropriate mounting flanges and safety guards.
• Before starting the grinding operation, allow the wheel to run at no-load speed for at least one minute while standing clear of the plane of rotation.
• Once normal operation has been verified, proceed with the grinding operation.

3. Safety information

• Never exceed the maximum operating 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.
• Do not use a wheel that has been dropped, struck, exposed to liquids, or shows any signs of damage.
• Do not use the sides of the grinding wheel for grinding.
• 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 wheels carefully to prevent impacts or drops. Do not mount a wheel if it has been dropped, cracked, chipped, or is suspected of being damaged.

5. Storage

• Store wheels on a flat, stable surface. Prevent impacts and drops during storage and handling.
• 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

• 1 piece.