# Data Sheet

Item
# 228

## 1. Product description:

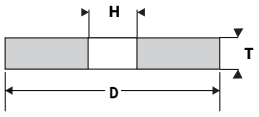
Vitrified Grinding Wheel

| | |
|---|---|
| **Dimensions (in):** | 6" x 3/4" x 1" |
| **Dimensions (mm):** | 150 x 20 x 25.40 |
| **Abrasive:** | Silicon Carbide |
| **Specification:** | C100LV |
| **Grit:** | 100 |
| **Grade:** | L |
| **Max. rpm:** | 5,100 |
| **Line:** | Easy Cut® |
| **Max. speed:** | 40 m/s |






**Type 1**




| | | |
|---|---|---|
| **D =** | **150** | **mm** |
| **T =** | **20** | **mm** |
| **H =** | **25.40** | **mm** |



Tungsten Carbide

### Certification

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

## 1. Application



**Bench Grinder**

- Designed for grinding and sharpening tungsten carbide cutting tools.
- Fine surface finish.
- Good price-to-performance ratio.
- Includes plastic reducing bushings for 3/4", 5/8", and 1/2" shaft diameters.
- Practical and durable retail packaging.

## 2. Operating instructions

- Use with a bench 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 grinding.

## 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

- 5 pieces.