# Data Sheet

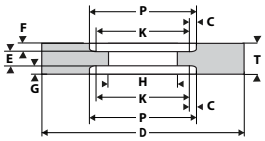
Item
# 330

## 1. Product description:

Vitrified Grinding Wheel

| | |
|---|---|
| **Dimensions (in):** | 12" x 2" x 3" |
| **Dimensions (mm):** | 300 x 50 x 76.2 |
| **Abrasive:** | Aluminum Oxide |
| **Specification:** | 89A60K5VA0 |
| **Grit:** | 60 |
| **Grade:** | K |
| **Max. rpm:** | 2,550 |
| **Line:** | 89A White |
| **Max. speed:** | 40 m/s |

**Type 7**




| | | |
|---|---|---|
| **D =** | **300** | **mm** |
| **T =** | **50** | **mm** |
| **H =** | **76.20** | **mm** |
| **P y P'=** | **150** | **mm** |
| **F y G =** | **10** | **mm** |

Carbon Steel | High-Speed Steel | Tool Steel

**Certification**

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

## 1. Application

**Surface Grinder**

**Tool Grinder**

• Recommended for general-purpose sharpening and grinding of carbon steels, high-speed steels (HSS), and tool steels.
• Excellent surface finishes and fast material removal.

## 2. Operating instructions

• For use with a surface grinder or tool grinder.
• Visually inspect the wheel before mounting.
• Ensure that the grinder's operating speed does not exceed the maximum RPM indicated on the wheel.
• Make sure the wheel is properly mounted and firmly seated between the machine flanges.
• Mount the wheel and run it at no load for one minute to verify that it is free from damage.
• 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.
• Use only on properly anchored machines that are in good operating condition.

## 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.