

Vitrified Bond Grinding Wheels

Vitrified bond grinding wheels are designed for grinding, cutting, and polishing various materials. These wheels consist of abrasive grains bonded by a vitrified ceramic, offering high strength and heat resistance.



ADDITIONAL IMAGES



Product Overview

Industrial Vitrified Bond Grinding Solutions

Vitrified bond grinding wheels are high-precision abrasive tools engineered for demanding metalworking applications, including crankshaft, gear, and centerless grinding. Constructed with high-strength ceramic bonding, these wheels offer exceptional heat resistance, durability, and form retention. Designed for professional industrial use, they are suitable for operations ranging from heavy-duty stock removal to fine surface finishing.

Technical Specifications

Common Specification Examples

Dimensions (mm)	Specification Code	Speed (m/s)
400x104x203	PA80K13V	35
500x100x203	WA36K13V	35
600x130x305	GC46K13V	35
400x25x127	WA60G11V	40
180x16x31.75	PA120K7V	35

Grinding Wheel Types

Crankshaft, Gear, Toolroom, Centerless, Double Disc, Creep Feed, Profile, Fluting

Performance Metrics

Key Performance Attributes

35 m/s

Standard Operating Speed

40 m/s

High-Speed Capability