

Analysis of Typical Wheel Specifications



**MAXIMUM
OPERATING
SPEED**



CGW Resin Bond Abrasive Types

- A – Dark Aluminum Oxide:** The most common of all grains. This grain is used for heavy-duty general purpose work.
- C – Silicon Carbide:** Aggressive cutting and grinding of stone, concrete, marble, and other non-metallic materials.
- WA – White Aluminum Oxide:** The high friability of this grain gives it the characteristic of fast and cool cutting used for light grinding of steels of all kinds, particularly on tool and stainless steel.
- ZA – Zirconia Aluminum Oxide:** An improvement over basic aluminum oxide grain. Zirconia grain is sharper and easily fractures for faster cutting and longer life.



CGW Coated Abrasive Types

- C3 – Ceramic:** Self-sharpening ceramic grain. Grain lasts longer than zirconia for aggressive cutting action on hard-to-grind materials.
- Z3 – Zirconia Alumina:** Premium grain for heavy duty applications and longer working life. Contains an active grinding agent for cool cutting. Contaminate-free results; stainless steel won't rust.
- A3 – Aluminum Oxide:** Premium blue fired grain for quick stock removal. Contains an active grinding agent for cool cutting.



Grain Size

- Coarse:** 8, 10, 12, 14, 16, 20, 24
- Med:** 30, 36, 46, 54, 60
- Fine:** 80, 100, 120, 150, 180
- Very Fine:** 220, 240, 280, 320, 400, 600

Grade

- Soft:** B, D, E, F, G, H
- Med:** I, J, K, L, M, N, O, P
- Hard:** Q, R, S, T, U, V, W, X