

# CENTERLESS, CYLINDRICAL

## Centerless, Cylindrical & Feed Regulating Wheels

Each Cylindrical, Centerless CGW wheel is manufactured with varying hardness to assure consistent grindability throughout. This feature compensates for the diameter and speed changes as the wheel is used.



- **94AB** – Advanced grain technology used in Cylindrical and Centerless grinding wheels. This grain can be used to grind steels in either soft or hard state.
- **WAG** – Highly friable grain with special bond characteristics for fast, cool cutting action and extended life over traditional aluminum oxide wheels.
- **PASP** – Special pink formulation for precision grind applications. Tough, but very friable. Produced with new high performance VD ceramic bond for cooler cutting and longer life.
- **GC** – Green Silicon Carbide – Quickly grinds non-ferrous metals and sharpens tungsten carbide tools. Used on titanium and cemented carbide.
- **72C** – Black Silicon Carbide – for non-ferrous metals.

All CGW Feed Regulating wheels are manufactured with an isostatic process assuring perfect gripping and elimination of hard spots and voids, a common problem with rubberized wheels.

- A80-R2-RX – Natural Rubber
- A80-R2-CDR – Calendered Rubber

## Different Types of Grinding

**Cylindrical Grinding** – The precision grinding of the outer surface of any round workpiece. The workpiece is held between centers or in chucks.

**Traverse Grinding** – The grinding operation where the work traverses past the wheel.

**Plunge Grinding** – Uses a stationary work table and the wheel "plunges" into the workpiece.

