



# BONDED FIELD SELECTION GUIDE



PERFORMANCE

## SUPERIOR LIFE & CUT MAX PERFORMANCE

### TIGER CERAMIC

Self-sharpening grain, cool cutting and contaminant-free. Removes material effortlessly while a hard bond keeps working longer.

### PIPELINE

Ceramic-infused wheels designed for bead and angle grinding applications on the pipeline.

## LONG LIFE & FAST CUT HIGH PERFORMANCE

### TIGER ZIRC

Self-sharpening Zirconia grain retains high cutting performance through the life of the wheel.

### TIGER INOX

A contaminant-free bond that delivers a worry-free solution for stainless steel applications.

### TIGER ALUMINUM

A unique blend of abrasive grains with Weiler's non-loading formula delivers a fast and consistent cut rate on aluminum. Contaminant-free.

## LONG LIFE PERFORMANCE LINE

### TIGER

Aluminum Oxide grains and a strong resin bond delivers a long cutting life keeping professionals on the job longer.

## FAST CUT VALUE LINE

### WOLVERINE

Weiler Wolverine cutting and grinding wheels deliver a fast cut rate and consistent performance at a good value.

MATERIAL

STEEL / METAL

STAINLESS HARD-TO-GRIND

(Hard-to-grind metals include tool steel, inconel, high nickel alloy, titanium and armored steel)

PIPELINE

STEEL / METAL

(Includes structural steel and cast iron)

STAINLESS

and harder grade steel

ALUMINUM

(Aluminum and other non-ferrous metals)

STEEL / METAL

STEEL / METAL

APPLICATION

When selecting a wheel, always choose the thinnest wheel that will perform the cut while maintaining desired product life.

### ULTRA THIN WHEEL 1MM



Sheet metal, tubes, profiles and small cross-section rods

### THIN WHEEL .045"



Tubes, bar stock and large cross-sections

### THIN WHEEL .060"



Angle Iron, large cross-sections

### CUTTING WHEEL 3/32"



### PIPELINE NOTCHING WHEEL 1/8"



Notching

### COMBO WHEEL 1/8"



Switching between cutting and grinding

### PIPELINE NOTCHING WHEEL 1/8"



For tough root pass notching & facing applications on the pipeline

### GRINDING WHEEL 1/4"



Heavy stock, scale and weld removal, weld blending, edge beveling and torch-cut softening

### CONES & PLUGS



I.D. cleaning, hole edge beveling, smoothing weld seams, removing gates & parting lines

### CUP WHEELS



Heavy metal removal, grinding, transitioning, rough beveling & removing crack & flaws

## CUTTING, GRINDING & COMBO WHEELS, FLARING CUPS, CONES, PLUGS

Our high quality line up helps you easily select the best solution for your toughest metal fabrication jobs.

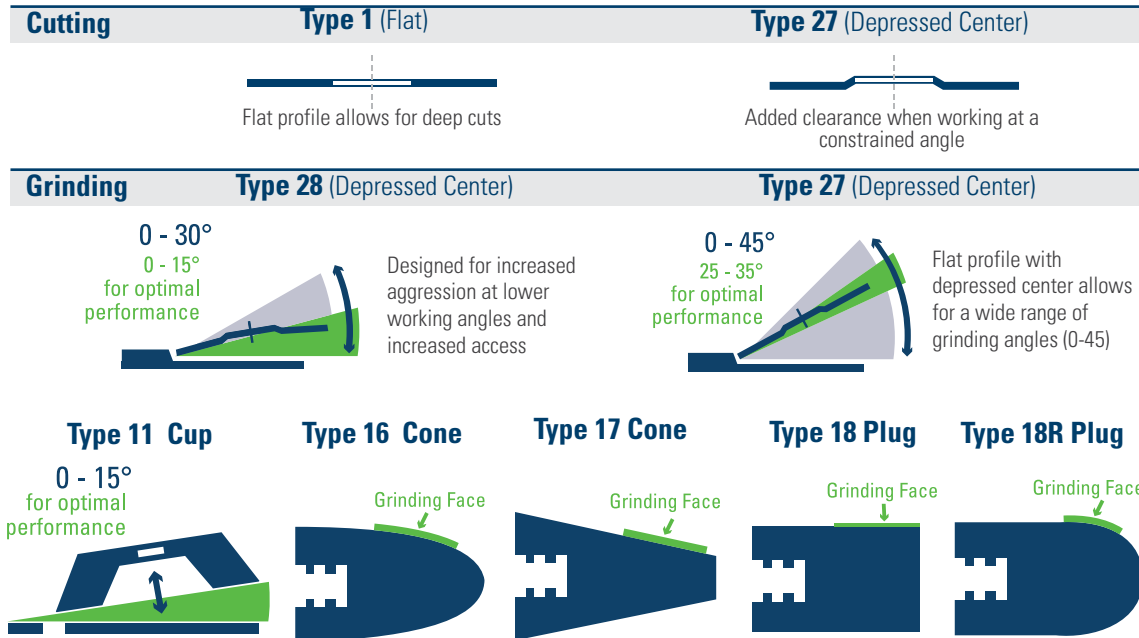
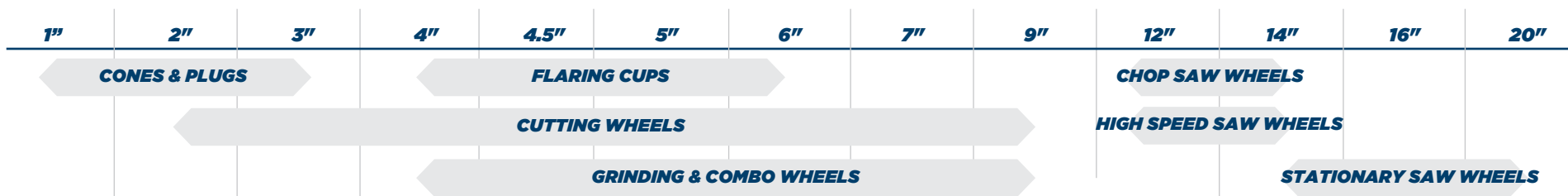


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SIZE

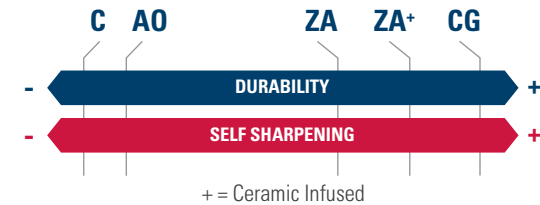
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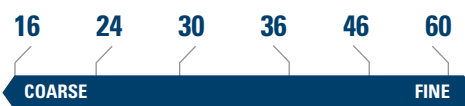


GRAIN

- Ceramic Alumina (CG)**
  - Self-sharpening crystals with predetermined fracture points
  - High cut rate at moderate pressure
- Zirconia Alumina (ZA)**
  - Self-sharpening crystals
  - Holds up under extreme pressure
  - Sharper, faster cut
- Aluminum Oxide (AO)**
  - Single crystal
  - Durable for short-term grinding
- Silicon Carbide (C)**
  - Extremely hard grain
  - Very sharp and fast cutting
  - Friable, not as tough as other grains



GRIT



GRADE

