



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

THIN WHEEL
.045"

THIN WHEEL
.060"

CUTTING WHEEL
3/32"

PIPELINE NOTCHING WHEEL
1/8"

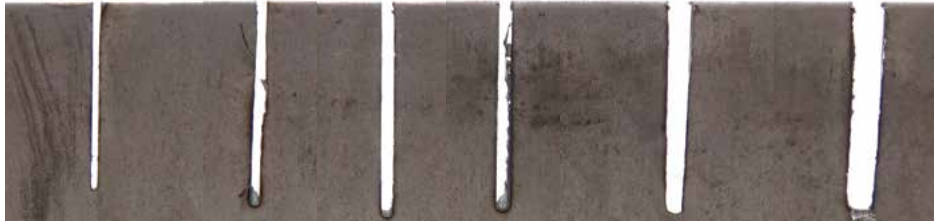
COMBO WHEEL
1/8"

PIPELINE NOTCHING WHEEL
1/8"

GRINDING WHEEL
1/4"

CONES & PLUGS

CUP WHEELS



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

Tubes, bar stock and large cross-sections

Angle Iron, large cross-sections

Notching

Switching between cutting and grinding



For tough root pass notching & facing applications on the pipeline



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



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



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

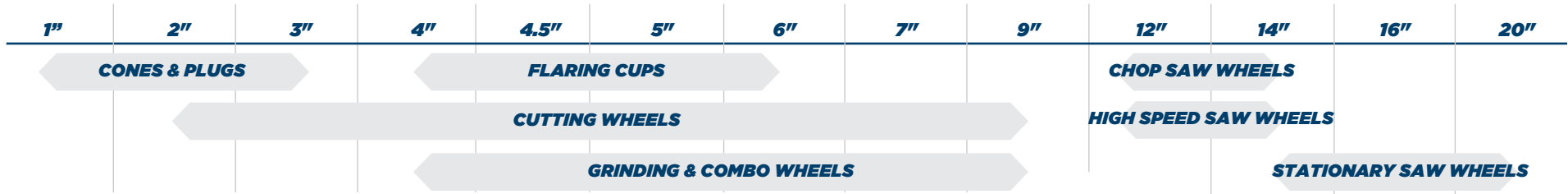
CUTTING, GRINDING & COMBO WHEELS, FLARING CUPS, CONES, PLUGS

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

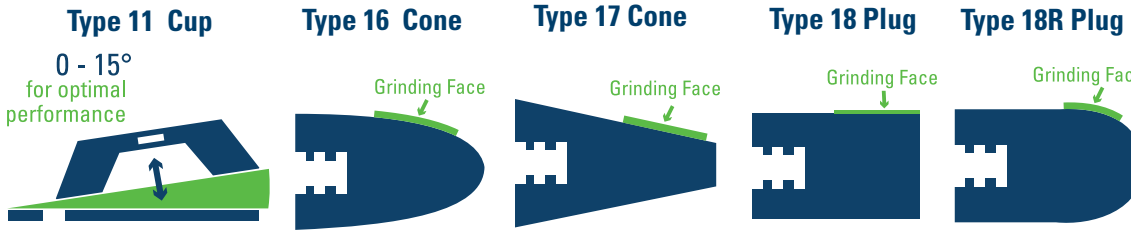
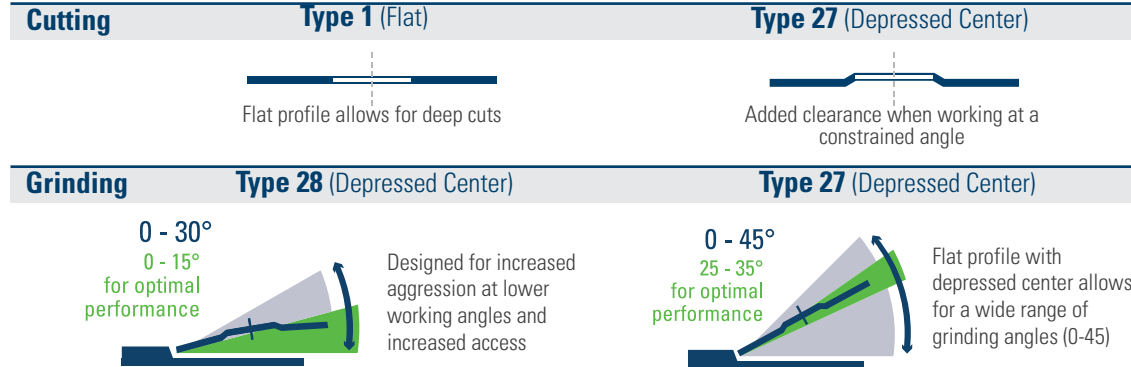


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SIZE

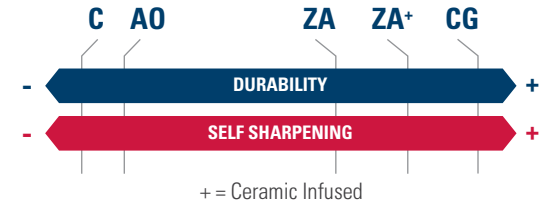


TYPE



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

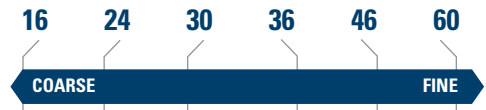


MOUNTING

Mandrel required for 1/4" & 3/8" arbors on 2", 3" & 4" products



GRIT



GRADE

