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# TIGER<sup>®</sup> ANGLED FLAP DISCS

Blending fillet welds to ensure proper penetration prior to inspection.



ZIRCONIA ALUMINA

CERAMIC ALUMINA

Tiger Angled flap discs deliver an aggressive, long life solution for grinding fillet welds, T-joints and other hard-to-reach places. The 90° angled flap design forms perfectly into angles while the phenolic back provides stability to the flaps. This combination optimizes flap-to-metal contact, resulting in exceptional feel and control for the operator while grinding and finishing.

### *Tiger Angled Delivers a Competitive Advantage:*

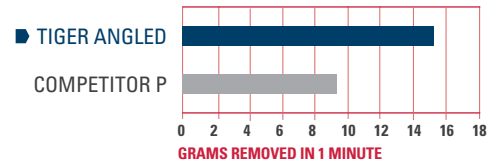
- **Aggressive Grinding** – Tiger Angled attacks metal, removing more material in less time so you get the job done faster
- **Long Life** – Keeps you grinding longer on Steel, Stainless, Aluminum and other hard-to-grind metals, lowering cost of use
- **Flexibility of Approach** – Angled flaps allow the operator to grind at a higher or lower angle, getting into hard-to-reach places more easily
- **Smooth Finish** – While grinding fillet welds, the angled flaps reduce the risk of gouging the work-piece
- **Mounting Options** – Available in 7/8" arbor or with a 5/8" -11 nut for fast change-over

**When grinding and finishing fillet welds, reach for Tiger Angled.**

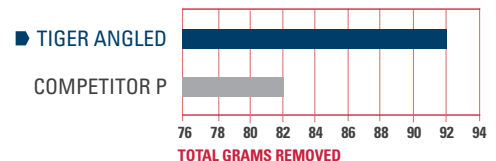
## GET MORE DONE, FASTER

Tiger Angled removes more metal in less time, while grinding fillet welds.

### MATERIAL REMOVED IN 1 MINUTE



### MATERIAL REMOVED OVER THE LIFE OF THE DISC



*Test Procedure: Weiler Tiger 4-1/2", 60 grit Ceramic Angled flap disc vs. similar competing flap discs on 90° fillet weld. Disc and workpiece weighed after 1 minute of operation for life of product.*

# TIGER® ANGLED ABRASIVE FLAP DISCS

Tiger Angled is ideal for the following applications:

- Fillet welds
- T-Joints
- Hard-to-reach places
- Repair and re-work

## SMOOTH FINISH

when grinding Fillet welds & T-joints

## FLEXIBILITY OF APPROACH

flap design allows you to grind from a wider range of angles

## MORE GRIT OPTIONS

gives you the finish and aggression you want

## ATTACKS METAL

removing more material in less time

**TOP COAT** (Ceramic only) grinds cooler to protect valuable parts and prevents loading on softer alloys



### CERAMIC ANGLED FLAP DISCS Phenolic Backing

Top-sized Ceramic Alumina grain offers a contaminant-free option for Stainless Steel applications. Grinds cool, delivering maximum performance on Inconel, Titanium and other hard-to-grind metals.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Ceramic Alumina
4-1/2"	7/8"	40	13,000	10	51312
		60			51313
		80			51314
4-1/2"	5/8"-11 Nut	40	13,000	10	51315
		60			51316
		80			51317
5"	7/8"	40	12,000	10	51318
		60			51319
		80			51320
5"	5/8"-11 Nut	40	12,000	10	51321
		60			51322
		80			51323



### ZIRCONIUM ANGLED FLAP DISCS Phenolic Backing

Zirconia Alumina grains are self-sharpening, delivering an aggressive, long life option that will continue to remove material over the entire life of the disc.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Zirconia Alumina
4-1/2"	7/8"	40	13,000	10	51300
		60			51301
		80			51302
4-1/2"	5/8"-11 Nut	40	13,000	10	51303
		60			51304
		80			51305
5"	7/8"	40	12,000	10	51306
		60			51307
		80			51308
5"	5/8"-11 Nut	40	12,000	10	51309
		60			51310
		80			51311

