

# BONDED FIELD SELECTION GUIDE



## Cutting & Grinding Wheels

Our high quality line up helps you easily select the best solution for your toughest Welding & Fabrication jobs.



**HIGH PERFORMANCE**  
TIGER ZIRC / ROUGHNECK / INOX

CUT RATE:  
LIFE: ●●●●●●●●



**PERFORMANCE**  
TIGER

CUT RATE:  
LIFE: ●●●●●●●●
















**VALUE**  
WOLVERINE

CUT RATE:  
LIFE: ●●●●●●●●

CUTTING

GRINDING

MATERIAL

														
		CUTTING TYPE 1 & 27	GRINDING TYPE 27	COMBO TYPE 27	PIPELINE TYPE 27	CUTTING TYPE 1 & 27	GRINDING TYPE 27	COMBO TYPE 27	CUTTING TYPE 1 & 27	GRINDING TYPE 27 & 11	COMBO TYPE 27	CUTTING TYPE 1 & 27	GRINDING TYPE 1 & 27	COMBO TYPE 27
CUTTING	Bar Stock	★★★		★★		★★★★		★★	★★★		★★	★★		★
	Sheet Metal	★★				★★★★			★★★★			★★		
	Tubes	★★★		★★		★★★★		★★	★★★		★★	★★		★
	Small Cross Sections	★★★		★★		★★★★		★★	★★		★★	★★		★
	Large Cross Sections	★★		★		★★★★		★	★★★		★	★★		★
	Angle Iron	★★★		★		★★★★		★	★★★		★	★★		★
GRINDING	Weld Blending		★★★★	★★			★★★★	★★		★★★★	★★		★★	★
	Weld Removal		★★★★	★			★★	★		★★	★		★★	★
	Torch Cut Edge Softening		★★★★							★★			★	
	Heavy Stock Removal		★★★★				★★★★			★★★★			★★	
	Notching			★	★★★★			★			★			★
	Beveling		★★★★				★★★★			★★★★			★★	
	Descaling / Desanding		★★★★				★★★★			★★			★★	
	Facing			★★	★★★★			★★			★			★
MATERIAL	General Purpose Steel	★★	★★	★★					★★★★	★★★★	★★★★	★★	★★	★★
	Construction Steel	★★	★★	★★					★★★★	★★★★	★★★★	★	★	★
	Higher-Hardness Steel	★★★	★★★★	★★★★					★★	★★	★★	★	★	★
	Pipeline				★★★★									
	High Alloy Steel								★★★★	★★★★	★★★★	★★	★★	★★
	Stainless Steel	★★	★★	★★		★★★★	★★★★	★★★★	★	★	★			
Armored Steel / Titanium / Exotic		★★★★	★★★★	★★★★		★★	★★	★★	★	★	★			

Distributed by:

**CLASS C COMPONENTS**

6825 SUNWOOD DRIVE N.W. RAMSEY, MN 55303  
PH 763-535-0400 FAX 763-535-1400



**ISO 9001 Certified Company**

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DIAMETER		2"	3"	4"	4.5"	5"	6"	7"	9"	12"	14"
	<b>TIGER ZIRC CUTTING</b>				✓	✓	✓	✓			
	<b>TIGER ZIRC GRINDING</b>				✓	✓		✓			
	<b>TIGER ZIRC COMBO</b>				✓	✓	✓	✓			
	<b>ROUGHNECK PIPELINER</b>				✓		✓	✓	✓		
	<b>INOX CUTTING</b>				✓	✓	✓				
	<b>INOX GRINDING</b>				✓	✓		✓			
	<b>INOX COMBO</b>				✓			✓			
	<b>TIGER CUTTING</b>		✓		✓	✓	✓	✓			
	<b>TIGER GRINDING</b>				✓	✓		✓	✓		
	<b>TIGER COMBO</b>				✓	✓		✓	✓		
	<b>TIGER CUP ROCK</b>			✓			✓				
	<b>WOLVERINE CUTTING</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	<b>WOLVERINE GRINDING</b>			✓	✓	✓	✓	✓	✓		
	<b>WOLVERINE COMBO</b>				✓	✓		✓			

TYPE	Type 1 (Flat)	Type 27 (Depressed Center)	Type 11 (Cup Rock)
	Flat profile allows for deep cuts	Added clearance when working at a constrained angle	Excellent for snagging applications and rough stock removal

GRAIN	Aluminum Oxide (A)	Zirconia Alumina (Z)	Ceramic Alumina (CA)
	<ul style="list-style-type: none"> <li>Single crystal</li> <li>Durable for short term grinding</li> </ul>	<ul style="list-style-type: none"> <li>Self-sharpening crystals</li> <li>Holds up under extreme pressure</li> <li>Sharper, faster cut</li> </ul>	<ul style="list-style-type: none"> <li>Self-sharpening crystals with predetermined fracture points</li> <li>Maintains high cut rate for most of life at moderate pressure</li> </ul>

ARBORS

## 5/8" & 7/8" Arbor

- Cost-effective
- Requires adapting nuts

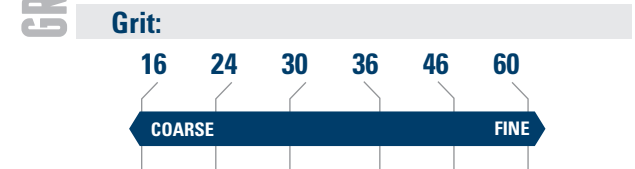
Two Weiler Tiger Zirc abrasive wheels are shown side-by-side. The wheel on the left is labeled '5/8" ARBOR' and the one on the right is labeled '7/8" ARBOR'. Both wheels feature a blue and orange design with the 'TIGER ZIRC' logo. The central metal nut and nut lock are visible on both wheels. The 7/8" wheel also has a '224T' label and '6 3/8" x 1 1/2" 115 13,200 RPM' specifications.

## 5/8" - 11 Nut

- Quick spin-on, spin-off change over
- Metal nut eliminates cross-threading or sticking to spindle due to heat build-up

THICKNESS		T 1 ARBOR	T 27 ARBOR	T 27 HUB
<b>SUPER THIN CUTTING</b>	<b>.035</b>	✓		
<b>THIN CUTTING</b>	<b>.045</b>	✓	✓	✓
	<b>.060</b>	✓	✓	
<b>CUTTING</b>	<b>1/16</b>	✓		
	<b>3/32</b>	✓	✓	✓
<b>PIPELINE &amp; COMBO</b>	<b>1/8</b>		✓	✓
<b>GRINDING</b>	<b>1/4</b>		✓	✓

Selecting the best grain, grit and grade combination for your application can increase wheel effectiveness and user productivity.



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