

← Chamfering an edge on a machine component prior to welding.

Grinding & Cutting Wheels

All Weiler wheels are resin bond formulated for fast, high quality grinding and cutting, and are reinforced with fiberglass webbing to provide stability.

Weiler's Type 27 Wheels contain no fillers and are made with 100% abrasive grain to maximize cut rate.



Weiler:
A side view of Weiler's Tiger® Abrasives Type 27 Grinding Wheel shows the even distribution of grain from the top to the bottom of the wheel. This provides a consistent rate of cut throughout the product life.



Competition:
A side view of competitor's Type 27 Grinding Wheel shows abrasive grain on the bottom portion of the wheel and filler grain on the top portion. The cut rate deteriorates dramatically when the filler portion of the wheel is reached.



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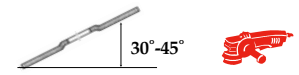
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Applications

- ✓ Weld removal
- ✓ Cutting and parting
- ✓ Rough Grinding
- ✓ Snagging

Type 27 Grinding Wheels -

For rough grinding applications on various metals.



Diameter x Thickness x Arbor Hole	Max. RPM	Grain/ Grit/ Grade	Item Number	Grain/ Grit/ Grade	Item Number	Grain/ Grit/ Grade	Item Number
4" x 1/4" x 5/8"	15,200	-	-	A24R	56473	-	-
4-1/2" x 1/4" x 7/8"	13,300	A24N	56457	A24R	56464	Z24T	56456
4-1/2" x 1/4" x 5/8"-11		A24N	56455	A24R	56454	Z24T	56453
5" x 1/4" x 7/8"	12,200	-	-	A24R	56466	-	-
5" x 1/4" x 5/8"-11		-	-	A24R	56449	-	-
7" x 1/4" x 7/8"	8,500	-	-	A24R	56467	-	-
7" x 1/4" x 5/8"-11		-	-	A24R	56468	-	-
9" x 1/4" x 7/8"	6,600	-	-	A24R	56442	-	-
9" x 1/4" x 5/8"-11		-	-	A24R	56470	-	-



Marking System

- A: Grain Type
- 24: Grit Size
- R: Grade (Hardness)



For mounting wheels with 7/8" arbor holes on right angle grinders, use adapting nuts (Item No. 56494) as illustrated on page 112.

Grain Selection Guide

- A24N:** Fast Cut - Ideal for use on hard welds and steel, stainless steel, and in low pressure, large contact grinding where the harder wheel grade (R) dulls or glazes.
- A24R:** Long Life - Offers longer life than the softer wheel grade (N). Ideal for all general purpose grinding on structural steel, or in foundries or heavy fabrication applications.
- Z24T:** High Performance Zirconium - Offers improved cut rate in high pressure applications. Ideal when grinding or cutting stainless steel, high carbon steel, cast iron and other metals.

Weiler TIGER ABRASIVES Grinding Wheels