

BO ND ED E D



CUTTING, GRINDING & COMBINATION WHEELS

Get the most demanding jobs done right and done fast.

800.835.9999 / weilerabrasives.com



SELECTING THE RIGHT WHEEL

Weiler's bonded abrasive wheels help Metal Fabrication professionals get the most demanding jobs done right, and done fast. Our high quality line helps you select the best solution for your toughest jobs. Whether you're looking for serious stock removal, beveling, grinding, notching, cutting or edge softening, Weiler will get it done for you.



P MAX PERFORMANCE SUPERIOR LIFE & CUT



CUT RATE: ●●●●●
LIFE: ●●●●●

TIGER® CERAMIC

Self-sharpening and cool – grinds at lower temperatures with less friction and less effort, reducing heat discoloration of the work piece.

GRAIN TYPE

Ceramic alumina

CONTAMINANT FREE
CONTAIN LESS THAN 0.1%
IRON, SULFUR & CHLORINE

BEST ON

STEEL / METAL

STAINLESS HARD-TO-GRIND

Hard-to-Grind metals include tool steel, inconel, high nickel alloy, titanium and armored steel

TIGER® PIPELINE

Designed for bead and angle grinding applications on the pipeline.

GRAIN TYPE

Zirconia alumina + ceramic alumina infusion

BEST ON

PIPELINE

P HIGH PERFORMANCE FAST CUT & LONG LIFE



CUT RATE: ●●●●●
LIFE: ●●●●●

TIGER ZIRC

Self-sharpening grains retain a high cut rate throughout the life of the wheel for exceptional performance.

GRAIN TYPE

Cutting/Combo: Zirconia alumina
Grinding: Zirconia alumina + ceramic alumina infusion

BEST ON

STEEL / METAL

includes structural steel and cast iron

TIGER INOX

Tiger INOX wheels deliver a worry-free solution for stainless steel applications.

GRAIN TYPE

White aluminum oxide

CONTAMINANT FREE
CONTAIN LESS THAN 0.1%
IRON, SULFUR & CHLORINE

BEST ON

STAINLESS

and harder grade steel

TIGER ALUMINUM

Weiler's non-loading formula delivers a fast and consistent cut rate on aluminum and soft alloys.

GRAIN TYPE

Silicon carbide / aluminum oxide blend

CONTAMINANT FREE
CONTAIN LESS THAN 0.1%
IRON, SULFUR & CHLORINE

BEST ON

ALUMINUM

P PERFORMANCE LONG LIFE



CUT RATE: ●●●●●
LIFE: ●●●●●

TIGER AO

Tiger wheels provide an even, sharp, clean cut and a hard bond extends wheel life.

GRAIN TYPE

Aluminum oxide

BEST ON

STEEL / METAL

V VALUE FAST CUT



CUT RATE: ●●●●●
LIFE: ●●●●●

WOLVERINE®

Fast cut rate and consistent performance at a good value.

GRAIN TYPE

Aluminum oxide

BEST ON

STEEL / METAL

Key:

P PERFORMANCE LINE
Industrial Grade

V VALUE LINE
Professional Grade

Refer to ANSI B7.1 for storage & handling details

All products meet ANSI B7.1

PRODUCT FEATURES

Weiler offers a small hub on 4-1/2" wheels to keep the wheel from gouging valuable parts as well as allowing for **30% more usable wheel area**



TYPE

Selecting the best wheel type for your application increases wheel effectiveness and user productivity.

Cutting

Type 1 (Flat)

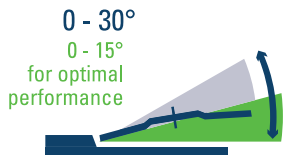


Type 27 (Depressed Center)

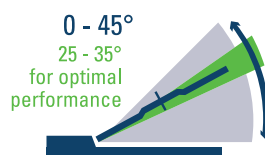


Grinding

Type 28 (Depressed Center)

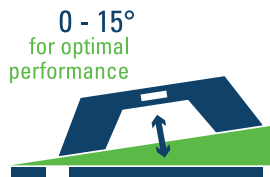


Designed for increased aggression at lower working angles and increased access

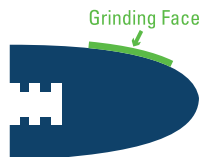


Flat profile with depressed center allows for a wide range of grinding angles (0-45)

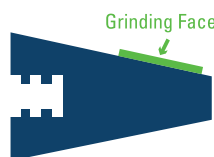
Type 11 Cup



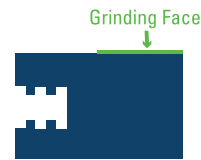
Type 16 Cone



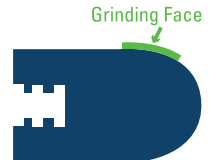
Type 17 Cone



Type 18 Plug



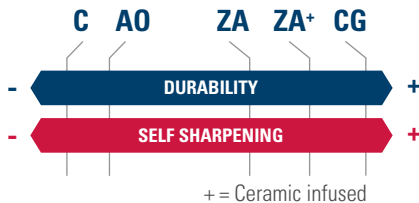
Type 18R Plug



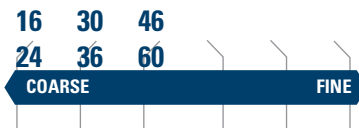
GRAIN / GRIT / GRADE

Selecting the best grain, grit and grade combination for your application can increase wheel effectiveness and user productivity. Use the charts below to help pick the right wheel for the job.

Grain



Grit



Hardness



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 WHEELS



Weiler's diverse line of cutting wheels provide a consistent, well balanced, high quality solution. From our 1 millimeter cutting wheels that slice through metal, to our large diameter wheels for the biggest cuts, professionals get the most demanding jobs done right and done fast.

FEATURES:

- **Dual reinforcement** provides added strength for aggressive cutting.
- **Smooth outer layer** on Tiger wheels reduces friction that translates to an effortless cut and less kickback during operation.
- **Thin** cutting wheels deliver accurate, clean cuts.



Cutting a piece of bar stock with an UltraCut wheel.

TYPE 1 FOR GRINDERS



CASE STUDY: Learn how Tiger ZIRC reduced downtime and abrasives spend for a shipping container fabricator.



P HIGH PERFORMANCE THIN CUTTING

TYPE 1
7/8" Arbor

STEEL / METAL TIGER ZIRC ULTRACUT 1MM / Fast Cut & Long Life

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #
4-1/2"	1 mm	Z60T	13,300	50	58005
5"	1 mm	Z60T	12,200	50	58006

STAINLESS TIGER INOX ULTRACUT 1MM / Contaminant-free*

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #
4-1/2"	1 mm	INOX60T	13,300	50	58130
5"	1 mm	INOX60T	12,200	50	58131

*Contaminant-free (Contains less than 0.1% Fe, S, Cl)

CUTS
20%
FASTER
than the closest
competitor

PROPRIETARY
**SOLID
CORE
TECHNOLOGY**

increases wheel density,
resulting in longer life,
reduced friction and
superior stability

A TRUE
**1MM
THICKNESS**

delivers precise, consistent
cuts you can count on

TRUE
1 MILLIMETER

STANDARD
.045"

TYPE 1 & 27 CUTTING WHEELS FOR GRINDERS

P MAX PERFORMANCE CUTTING

STEEL / METAL				TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
TIGER CERAMIC									
Superior Life & Cut									
Contaminant-free*									
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.045"	CER60S	13,300	25	58300	25	58305	10	58306
5"	.045"	CER60S	12,200	25	58301	25	58307	10	58308
6"	.045"	CER60S	10,200	25	58302	25	58309	10	58310
7"	.060"	CER60S	8,500	25	58303	25	58311	10	58312



58300

P HIGH PERFORMANCE CUTTING

STEEL / METAL				TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
TIGER ZIRC / Fast Cut & Long Life									
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.045"	Z60T	13,300	25	58000	25	58020	10	58030
5"	.045"	Z60T	12,200	25	58001	25	58021	10	58031
6"	.045"	Z60T	10,200	25	58002	25	58022	10	58032
7"	.060"	Z60T	8,500	25	58003	25	58023	10	58033
STAINLESS									
TIGER INOX / Contaminant-free*									
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.045"	INOX60S	13,300	25	58100	25	58110	10	58109
5"	.045"	INOX60S	12,200	25	58101	25	58111	—	—
6"	.045"	INOX60S	10,200	25	58102	25	58112	10	58113
7"	.060"	INOX60S	8,500	25	58103	25	58107	—	—
ALUMINUM									
TIGER ALUMINUM / Non-loading / Contaminant-free*									
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.045"	ALU60S	13,300	25	58200	25	58205	10	58206
5"	.045"	ALU60S	12,200	25	58201	25	58207	10	58208
6"	.045"	ALU60S	10,200	25	58202	25	58209	10	58210
7"	.060"	ALU60S	8,500	25	58203	25	58211	10	58212



58000



58110



58206

P PERFORMANCE CUTTING

STEEL / METAL				TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
TIGER AO / Long Life									
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.045"	A60T	13,300	25	57020	25	57041	10	57040
	1/16"	A36T		25	57061	—	—	—	—
	3/32"	A36S		—	—	25	57081	10	57080
5"	.045"	A60T	12,200	25	57021	25	57043	10	57042
	3/32"	A36S		—	—	25	57083	10	57082
6"	.045"	A60T	10,200	25	57022	25	57045	10	57044
7"	.060"	A60T	8,500	25	57023	25	57046	10	57048
9"	1/16"	A60T	6,600	—	—	25	57047	10	57049 •

• Non-stock product, contact Customer Service for lead times



57040

V CUTTING

STEEL / METAL				TYPE 1 5/8" Arbor		TYPE 27 5/8" Arbor	
WOLVERINE AO / Fast Cutting							
Dia.	Thickness	Grade	Max. RPM	Pack	Item #	Pack	Item #
4"	.035"	A60T	19,000	25	56271	—	—
4"	3/32"	A24T	15,200	—	—	25	56474
5"	.035"	A60T	12,200	25	56108	—	—



56474

V CUTTING

STEEL / METAL				TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
WOLVERINE AO / Fast Cutting									
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.045"	A60T	13,300	25	56281	—	—	—	—
	.045"	A60S		—	—	25	56393	—	—
	1/16"	A60T		25	56103	—	—	—	—
	3/32"	A24T		—	—	25	56475	10	56385
5"	.045"	A60S	12,200	—	—	25	56392	—	—
	1/16"	A36T		25	56118	—	—	—	—
	3/32"	A24T		—	—	25	56476	10	56384
	.040"	A60T		25	56282	—	—	—	—
6"	.045"	A60T	10,200	25	56273	—	—	—	—
	.045"	A60S		—	—	25	56283	—	—
	3/32"	A24R		—	—	25	56277	10	56278
	.045"	A60T		25	56275	—	—	—	—
7"	.060"	A60S	8,500	—	—	25	56391	—	—
	3/32"	A24R		—	—	25	56383	10	56477
	1/8"	A24T		—	—	—	—	10	56423



56103

*Contaminant-free (Contains less than 0.1% Fe, S, Cl)

TYPE 1 CUTTING WHEELS FOR DIE GRINDERS



58348



58011



57070



56128

P MAX PERFORMANCE CUTTING

STEEL / METAL
STAINLESS
HARD-TO-CUT

TIGER® CERAMIC
Superior Life & Cut
Contaminant-free*

Dia.	Thickness	Grade	Max. RPM	TYPE 1 1/4" Arbor		TYPE 1 3/8" Arbor	
				Std. Pack	Item #	Std. Pack	Item #
3"	1/16"	CER36T	25,000	100	58345	100	58342
4"	1/16"	CER36T	19,000	25	58351	25	58348

P HIGH PERFORMANCE CUTTING

STEEL / METAL

TIGER ZIRC / Fast Cut & Long Life

Dia.	Thickness	Grade	Max. RPM	TYPE 1 1/4" Arbor		TYPE 1 3/8" Arbor	
				Std. Pack	Item #	Std. Pack	Item #
3"	.035"	Z60T	25,000	100	58012	100	58011
4"	.035"	Z60T	19,000	25	58014	25	58013

P PERFORMANCE CUTTING

STEEL / METAL

TIGER AO / Long Life

Dia.	Thickness	Grade	Max. RPM	TYPE 1 1/4" Arbor		TYPE 1 3/8" Arbor	
				Std. Pack	Item #	Std. Pack	Item #
2"	.035"	A60T	30,000	100	57014	100	57010
	1/16"	A36T			57015		57011
	1/8"	A36T			57016		57012
	.035"	A60T			57065		57001
3"	1/16"	A36T	25,000	100	57066	100	57060
	1/8"	A36T			57068		57063
	.035"	A60T			57075	25	57070
	1/16"	A36T			57076		57071
4"	1/8"	A36T	19,000	25	57077		57072
	.035"	A60T					
	1/16"	A36T					
	1/8"	A36T					

V VALUE CUTTING

STEEL / METAL

WOLVERINE® AO / Fast Cut

Dia.	Thickness	Grade	Max. RPM	TYPE 1 1/4" Arbor		TYPE 1 3/8" Arbor	
				Std. Pack	Item #	Std. Pack	Item #
2"	.035"	A60T	30,000	100	56013	100	56128
	1/16"	A36T		50	56015	50	56129
	1/8"	A36S		50	56022	50	56130
	.035"	A60T		100	56061	100	56062
3"	1/16"	A36T	25,000	100	56065	100	56068
	1/8"	A60T		—	—	100	56070
	1/8"	A36T		100	56270	50	56076
	1/8"	A36S		50	56060	—	—
	.035"	A60T		50	56165	50	56080
	1/16"	A36T		50	56166	50	56086
4"	1/8"	A36T	19,000	—	—	50	56099
	1/8"	A36S		50	56167	—	—
	.035"	A60T					
	1/16"	A36T					

SNAGGING WHEELS FOR DIE GRINDERS



57064



56064



57074

P PERFORMANCE SNAGGING

STEEL / METAL

TIGER® AO / Long Life

Dia.	Thickness	Grade	Max. RPM	TYPE 1 1/4" Arbor		TYPE 1 3/8" Arbor	
				Std. Pack	Item #	Std. Pack	Item #
3"	1/4"	A24T	25,000	40	57069	40	57064
4"	1/4"	A24T	15,300	10	57078	10	57073

V VALUE SNAGGING

STEEL / METAL

WOLVERINE® AO / Fast Cutting

Dia.	Thickness	Grade	Max. RPM	TYPE 1 3/8" Arbor	
				Std. Pack	Item #
2"	1/4"	A60T	30,000	25	56131
3"	1/4"	A24T	25,000	25	56064
4"	1/4"	A36T	15,300	25	56163

P PERFORMANCE SNAGGING

STEEL / METAL

TIGER AO / Long Life

Dia.	Thickness	Grade	Max. RPM	TYPE 27 3/8" Arbor	
				Std. Pack	Item #
4"	1/4"	A24T	15,300	10	57074

TYPE 1 FOR CHOP SAWS

NEW!



P PERFORMANCE CUTTING

STEEL / METAL **TIGER AO** / Long Life

Diameter	Thickness	Arbor	Grade	Description	Max. RPM	Std. Pack	Item #
12"	3/32"	1"	A36T	Long Life Cutting	5,100	25	57090
14"	3/32"	1"	A36T	Long Life Cutting	4,400	10	57092
14"	3/32"	1"	A36R	Smooth Cutting	4,400	10	57093 ◆
14"	3/32"	1"	A36P	Single Center Reinforcement For + Speed	4,400	10	57084
14"	3/32"	1"	A36P	Stud Cutting	4,400	10	57085
14"	3/32"	1"	EA36T	Fast Cut & Long Life	4,400	10	57086
16"	3/32"	1"	A36P	Long Life Cutting	3,850	10	57087

◆ Softer bond for smoother, faster cutting.

V CUTTING

STEEL / METAL **WOLVERINE AO** / Fast Cutting

Diameter	Thickness	Arbor	Grade	Description	Max. RPM	Std. Pack	Item #
12"	3/32"	1"	A46T	Fast Cutting	5,100	25	56239
14"	3/32"	1"	A46T	Fast Cutting	4,400	10	56240
14"	3/32"	1"	A46T	Single Center Reinforcement For + Speed	4,400	10	56247

TYPE 1 FOR HIGH SPEED SAWS

NEW!



P HIGH PERFORMANCE CUTTING

STEEL / METAL **TIGER ZIRC** / Fast Cut & Long Life / Rail Cutting

Diameter	Thickness	Arbor	Grade	Description	Max. RPM	Std. Pack	Item #
14"	1/8"	1"	Z24U	Rail Cutting	5,500	10	58028
16"	1/8"	1"	Z24U	Rail Cutting	4,800	10	58029

P PERFORMANCE CUTTING

STEEL / METAL **TIGER AO** / Long Life

Diameter	Thickness	Arbor	Grade	Description	Max. RPM	Std. Pack	Item #
12"	1/8"	1"	A30T	Long Life Cutting	6,400	25	57030
12"	1/8"	20 mm	A30T	Long Life Cutting	6,400	25	57031
14"	1/8"	1"	A30T	Long Life Cutting	5,500	10	57032
14"	1/8"	20 mm	A30T	Long Life Cutting	5,500	10	57034
14"	1/8"	1"	A30T	Triple Reinforcement For + Support	5,500	10	57033
14"	1/8"	20 mm	A30T	Triple Reinforcement For + Support	5,500	10	57035

TYPE 1 FOR STATIONARY SAWS

NEW!



P PERFORMANCE CUTTING

STEEL / METAL **TIGER AO** / Long Life

Diameter	Thickness	Arbor	Grade	Description	Max. RPM	Std. Pack	Item #
14"	1/8"	1"	A30R	Long Life Cutting	4,400	10	57091
16"	1/8"	1"	A30S	Long Life Cutting	3,850	10	57089
20"	1/8"	1"	A30S	Long Life Cutting	3,100	10	57097

V CUTTING

STEEL / METAL **WOLVERINE AO** / Fast Cutting

Diameter	Thickness	Arbor	Grade	Description	Max. RPM	Std. Pack	Item #
14"	1/8"	1"	A30R	Fast Cutting	4,400	10	56230

57085

STUD
CUTTING

57086

HIGH
PERFORMANCE

56247

RAIL
CUTTING

58028

TRIPLE
REINFORCEMENT
FOR + SUPPORT

57034

GRINDING WHEELS



Weiler's high quality line of grinding wheels help Metal Fabrication professionals get the most demanding jobs done right and done fast.

FEATURES:

- Tiger type 27 grinding wheels are designed with fiberglass **cut back** from the edge to provide instant aggressive grinding right out of the box.
- Triple fiberglass reinforcement** provides added strength for aggressive stock removal.
- Type 28 grinding wheels with a concave "or saucer" shape are designed for increased aggression at **lower working angles** and increased access to the work piece.



Grinding on a platform for weld preparation.



TYPE 27
FOR GRINDERS



P MAX PERFORMANCE GRINDING

STEEL / METAL TIGER CERAMIC /
STAINLESS Superior Life & Cut
HARD-TO-GRIND Contaminant-free*

Dia.	Thickness	Grade	Max. RPM	TYPE 27 5/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4"	1/4"	CER24R	15,300	10	58335	—	—	—	—
4-1/2"	1/4"	CER24R	13,300	—	—	10	58325	10	58326
5"	1/4"	CER24R	12,200	—	—	10	58327	10	58328
6"	1/4"	CER24R	10,200	—	—	10	58329	10	58330
7"	1/4"	CER24R	8,500	—	—	10	58331	10	58332
9"	1/4"	CER24R	6,600	—	—	10	58333	10	58334

P HIGH PERFORMANCE GRINDING

STEEL / METAL TIGER ZIRC / Ceramic-infused
Fast Cut & Long Life

Dia.	Thickness	Grade	Max. RPM	TYPE 27 5/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4"	1/4"	Z24T	15,300	10	58069	—	—	—	—
4-1/2"	1/4"	Z24T	13,300	—	—	10	58071	10	58070
5"	1/4"	Z24T	12,200	—	—	10	58073	10	58072
6"	1/4"	Z24T	10,200	—	—	10	58079	10	58078
7"	1/4"	Z24T	8,500	—	—	10	58075	10	58074
9"	1/4"	Z24T	6,600	—	—	10	58077	10	58076

STAINLESS TIGER INOX / Contaminant-free*

Dia.	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	1/4"	INOX24R	13,300	—	—	10	58121	10	58120
5"	1/4"	INOX24R	12,200	—	—	10	58123	10	58122
6"	1/4"	INOX24R	10,200	—	—	10	58129	10	58128
7"	1/4"	INOX24R	8,500	—	—	10	58125	10	58124
9"	1/4"	INOX24R	6,600	—	—	10	58127	10	58126

ALUMINUM TIGER ALUMINUM / Non-loading / Contaminant-free*

Dia.	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	1/4"	ALU24R	13,300	—	—	10	58225	10	58226
5"	1/4"	ALU24R	12,200	—	—	10	58227	10	58228
6"	1/4"	ALU24R	10,200	—	—	10	58229	10	58230
7"	1/4"	ALU24R	8,500	—	—	10	58231	10	58232
9"	1/4"	ALU24R	6,600	—	—	10	58233	10	58234

P PERFORMANCE GRINDING

STEEL / METAL TIGER AO / Long Life

Dia.	Thickness	Grade	Max. RPM	TYPE 27 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4"	1/4"	A24R	15,300	10	57119	—	—	—	—
4-1/2"	1/4"	A24R	13,300	—	—	10	57121	10	57120
5"	1/4"	A24R	12,200	—	—	10	57123	10	57122
6"	1/4"	A24R	10,200	—	—	10	57129	10	57128
7"	1/4"	A24R	8,500	—	—	10	57125	10	57124
9"	1/4"	A24R	6,600	—	—	10	57127	10	57126

*Contaminant-free (Contains less than 0.1% Fe, S, Cl)

V GRINDING

STEEL / METAL WOLVERINE® AO / Fast Cutting

Diameter	Thickness	Grade	Max. RPM	TYPE 27 5/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8" Arbor	
				Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4"	1/4"	A24R	15,200	25	56473	—	—	—	—
4-1/2"	1/4"	A24R	13,300	—	—	25	56464	10	56454
4-1/2"	1/4"	A24N	13,300	—	—	25	56457	10	56455
5"	1/4"	A24R	12,200	—	—	25	56466	10	56449
6"	1/4"	A24R	10,200	—	—	25	56280	10	56279
7"	1/4"	A24R	8,500	—	—	25	56467	10	56468
9"	1/4"	A24R	6,600	—	—	25	56469	10	56470

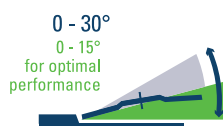


56473

CASE STUDY: Learn how Tiger Ceramic increased productivity and reduced cost for a steel fabrication company.



TYPE 28 FOR GRINDERS



P HIGH PERFORMANCE GRINDING

STEEL / METAL TIGER® ZIRC / Ceramic-infused

Fast Cut & Long Life

Diameter	Thickness	Grade	Max. RPM	TYPE 28 7/8" Arbor		TYPE 28 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #
7"	1/4"	Z24T	8,500	10	58081	10	58080
9"	1/4"	Z24T	6,600	10	58083	10	58082

58081

57134



P PERFORMANCE GRINDING

STEEL / METAL TIGER AO / Long Life

Diameter	Thickness	Grade	Max. RPM	TYPE 28 7/8" Arbor		TYPE 28 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #
7"	1/4"	A24R	8,500	10	57135	10	57134
9"	1/4"	A24R	6,600	10	57137	10	57136

ACCESSORIES

ADAPTING NUTS & SPANNER WRENCH For 4-1/2" - 9" Angle Grinders.

Description	Adapts To	Min. Wheel Thickness	Standard Pack	Item Number
Adapting Nuts	5/8" to 3/8"-24	1/16"	1	56484
Adapting Nuts	7/8" to 5/8"-11	1/16"	1	56494
Spanner Wrench	—	—	1	56495



56494

MOUNTING MANDRELS 1/4" Stem. For Type 1 Wheels Only.

Arbor Size	Wheel Thickness	Standard Pack	Item Number
1/4"	.035" to 1/4"	10	56489
3/8"	.035" to 1/4"	10	56490
1/4", 3/8" *	.035" to 1/4"	10	56491*

*Combination pack



56495

56489

ADAPTER for mounting Large Cutting Wheels onto a 20mm arbor.

For Arbor Hole Size	Adapted Arbor Hole Size	Standard Pack	Item Number
1"	20mm	10	04455



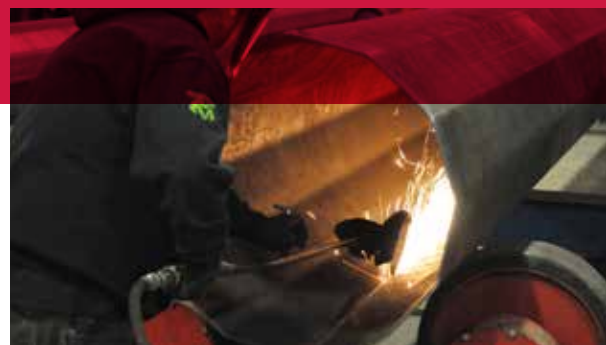
04455

COMBO WHEELS



Weiler's combination wheels offer flexibility and efficiency when switching between cutting and grinding applications. Our **Tiger reinforcement technology** provides the strength to hold up when grinding, while maintaining a fast cut.

TYPE 27 FOR GRINDERS



Weld removal with Tiger combo wheel.



P MAX PERFORMANCE CUT / GRIND COMBO

STEEL / METAL **TIGER CERAMIC**
STAINLESS Superior Life & Cut
HARD-TO-GRIND Contaminant-free*

Diameter	Thickness	Grade	Max. RPM	TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #
4-1/2"	1/8"	CER30T	13,300	25	58315	10	58316
5"	1/8"	CER30T	12,200	25	58317	10	58318
6"	1/8"	CER30T	10,200	25	58319	10	58320
7"	1/8"	CER30T	8,500	25	58321	10	58322
9"	1/8"	CER30T	6,600	25	58323	10	58324

P HIGH PERFORMANCE CUT / GRIND COMBO

STEEL / METAL **TIGER ZIRC** / Fast Cut & Long Life

Diameter	Thickness	Grade	Max. RPM	TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #
4-1/2"	1/8"	Z30T	13,300	25	58051	10	58050
5"	1/8"	Z30T	12,200	25	58053	10	58052
6"	1/8"	Z30T	10,200	25	58064	10	58054
7"	1/8"	Z30T	8,500	25	58056	10	58055
9"	1/8"	Z30T	6,600	25	58058	10	58057

STAINLESS **TIGER INOX** / Contaminant-free*

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	1/8"	INOX30T	13,300	25	58115	10	58114
7"	1/8"	INOX30T	8,500	25	58117	10	58116
9"	1/8"	INOX30T	6,600	25	58119	10	58118

ALUMINUM **TIGER ALUMINUM** / Non-loading / Contaminant-free*

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	1/8"	ALU30T	13,300	25	58215	10	58216
5"	1/8"	ALU30T	12,200	25	58217	10	58218
6"	1/8"	ALU30T	10,200	25	58219	10	58220
7"	1/8"	ALU30T	8,500	25	58221	10	58222

P PERFORMANCE CUT / GRIND COMBO

STEEL / METAL **TIGER AO** / Long Life

Diameter	Thickness	Grade	Max. RPM	TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #
4-1/2"	1/8"	A30S	13,300	25	57101	10	57100
5"	1/8"	A30S	12,200	25	57103	10	57102
6"	1/8"	A30S	10,200	25	57109	10	57108
7"	1/8"	A30S	8,500	25	57105	10	57104
9"	1/8"	A30S	6,600	25	57107	10	57106

V CUT / GRIND COMBO

STEEL / METAL **WOLVERINE AO** / Fast Cutting

Diameter	Thickness	Grade	Max. RPM	TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #
4-1/2"	1/8"	A24T	13,300	25	56430	10	56429
5"	1/8"	A24T	12,200	25	56428	10	56427
7"	1/8"	A24T	8,500	25	56426	10	56425

*Contaminant-free (Contains less than 0.1% Fe, S, Cl)

PIPELINE WHEELS

TYPE 27 FOR PIPELINE

*Fast grinding and long life on
the line and in the fab yard.*

Weiler's Pipeline Grinding Wheels are designed specifically for pipeline applications. Whether grinding a bead, facing the land, prepping transitions, or fabricating in the yard, this wheel is ready to work out of the box, delivering consistent, aggressive grinding throughout the life of the wheel, eliminating the need to chip it.

FEATURES & BENEFITS:

Do NOT Chip

(Operators will no longer feel the need to chip the wheel to get it to bite.)

Reduced Chatter

Superior Cut & Life

One Wheel for



GRINDING



NOTCHING



58090



58094

P HIGH PERFORMANCE PIPELINE GRINDING WHEELS

STEEL / METAL TIGER ZIRC / Ceramic-infused / Fast Grinding & Long Life on Pipe

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #
4-1/2"	1/8"	Z30T	13,300	10	58090
6"	1/8"	Z30T	10,200	10	58092
7"	1/8"	Z30T	8,500	10	58094
9"	1/8"	Z30T	6,600	10	58095

TYPE 27
5/8"-11 Hub

TYPE 27 FOR MECHANIZED PIPE WELDING

Weiler's Tiger Mech Wheels are designed for notching applications on mechanical pipe welds. These high-performance wheels are thinner than standard pipe notching wheels, allowing the operator to grind the bead without widening or scarring the bevel.

FEATURES & BENEFITS:

Designed to Fit

Tiger Mech reaches the bead without widening the bevel

Optimized Performance

Designed specifically to grind starts and stops on J and K bevels

Superior Cut & Life



NOTCHING



58066



58067

P HIGH PERFORMANCE MECH NOTCHING WHEELS

STEEL / METAL TIGER ZIRC / Ceramic-infused / Notching Mechanized Pipe Welds

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #
4-1/2"	3/32"+	Z30T	13,300	10	58066
5"	3/32"+	Z30T	12,200	10	58067
7"	3/32"+	Z30T	8,500	10	58068

TYPE 27
5/8"-11 Hub

+ Specific size for mechanized pipe welds

**RISE'N
GRIND™**



CUPS, CONES & PLUGS



Weiler Tiger AO cups, cones and plugs deliver the right combination of performance and value. Aluminum oxide grains in combination with a strong bond deliver long product life and a consistent cut-rate for grinding metal. Whether you are in a fab shop, foundry, or shipyard you can count on Tiger AO to get the job done fast and done right.

CUP FEATURES:

- **Precision balanced** to ensure smooth vibration free operation and reduced operator fatigue
- **Zinc plated nut** prevents oxidation, eliminating contamination and allowing for easy mounting
- **Unique anchored safety nut** locks the nut in place to increase safety and prevent product breakage

APPLICATION:

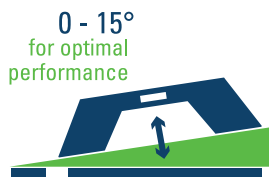
Ideal for heavy metal removal, grinding, transitioning, rough beveling and removing cracks/flaws



Type 11 Cup Rock for snagging and heavy stock removal.

TYPE 11 FOR GRINDERS

BEST ON: Carbon steel, stainless steel, cast iron and ductile iron.



AVAILABLE MAY 2021



68356



73054

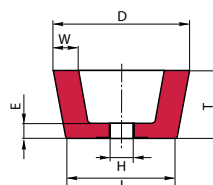
NEW!
P

PERFORMANCE GRINDING

TIGER AO / Long Life

Diameter (D / J)	Thickness (T)	Arbor (H)	Rim (W)	Back (E)	Grade	Max. RPM	Std. Pack	Item #
4" / 3"	2"	5/8"-11	3/4"	3/4"	A16Q	9,070	5	68350
5" / 3-3/4"	2"	5/8"-11	1"	3/4"	A16Q	7,260	5	68353
6" / 4-3/4"	2"	5/8"-11	1"	3/4"	A16Q	6,000	5	68356
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	A16Q	6,000	5	68359

*Reinforced metal back

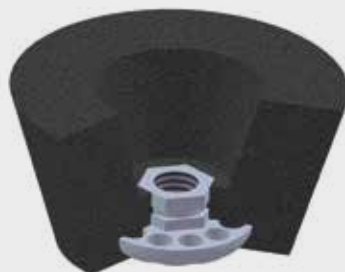


CUP WHEEL MOUNTING FLANGE - Fits over 5/8"-11 spindles

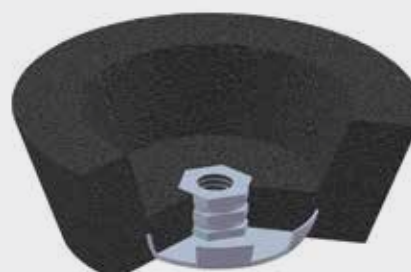
Diameter	Thickness	Std. Pack	Item #
2"	1/4"	1	73054

ANCHORED NUT INCREASES SAFETY

4" & 5"



6"



CONES AND PLUGS

FOR STRAIGHT & DIE GRINDERS



BEST ON: Carbon steel, stainless steel, cast iron and ductile iron.

CONE & PLUG FEATURES:

- **Open face design** provides aggressive cut-rate right out of the box
- **Anchored hexagon nut** secures the abrasive to the tool to increase safety and prevent product breakage
- **Zinc plated nut** prevents oxidation, eliminating contamination and allowing for easy mounting
- **Precision balanced** to ensure smooth, vibration free operation and reduced operator fatigue

APPLICATION:

Ideal for ID cleaning, hole edge beveling, smoothing weld seams, removing gates and parting lines and cleaning castings in hard-to-reach places

ANCHORED NUT INCREASES SAFETY



Type 18R plug used to grind I.D. bevels and flatten surface on rail frog section.

AVAILABLE MAY 2021

NEW!

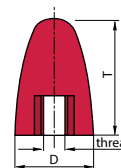
TYPE 16 CONES

P

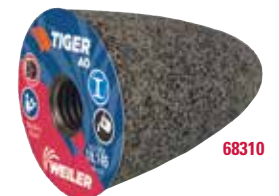
PERFORMANCE GRINDING

TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1"	3"	3/8"-24 Nut	A24R	36,290	12	68300
1-1/2"	2-1/2"	3/8"-24 Nut	A24R	24,190	12	68302
1-1/2"	2-1/2"	5/8"-11 Nut	A24R	24,190	12	68303
1-1/2"	3"	3/8"-24 Nut	A24R	24,190	12	68305
1-1/2"	3"	5/8"-11 Nut	A24R	24,190	12	68307
2"	3"	3/8"-24 Nut	A24R	18,145	12	68309
2"	3"	5/8"-11 Nut	A24R	18,145	12	68310
2-3/4"	3"	5/8"-11 Nut	A24R	13,195	12	68312
3"	3"	5/8"-11 Nut	A24R	12,100	12	68314



68300



68310

NEW!

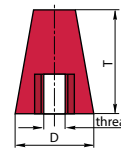
TYPE 17 CONES

P

PERFORMANCE GRINDING

TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1-1/2"	3"	3/8"-24 Nut	A24R	24,190	12	68315
1-3/4"	3"	5/8"-11 Nut	A24R	20,740	12	68316
2"	3"	5/8"-11 Nut	A24R	18,145	12	68317



68317

NEW!

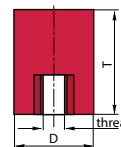
TYPE 18 PLUGS

P

PERFORMANCE GRINDING

TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1-1/2"	2-1/2"	3/8"-24 Nut	A24R	24,190	12	68318
1-1/2"	2-1/2"	5/8"-11 Nut	A24R	24,190	12	68319
1-1/2"	3"	5/8"-11 Nut	A24R	24,190	12	68321
2"	3"	5/8"-11 Nut	A24R	18,145	12	68323



68319

NEW!

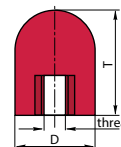
TYPE 18R PLUGS

P

PERFORMANCE GRINDING

TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1-1/2"	3"	3/8"-24 Nut	A24R	24,190	12	68325
1-1/2"	3"	5/8"-11 Nut	A24R	24,190	12	68327
2"	3"	5/8"-11 Nut	A24R	18,145	12	68329
3"	3"	5/8"-11 Nut	A24R	12,100	12	68331



68331



Weiler Abrasives Group
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