

BRONZE



ABRASIVES FOR METAL FABRICATION

Get the most demanding jobs done right and done fast.

800.835.9999 / weilerabrasives.com



CUT THROUGH BARRIERS BETWEEN YOU AND YOUR BEST WORK

Introducing Tiger 2.0 — An evolution in abrasives technology. It was designed to be more than just a better product. It was created to help you do your best work.

CUT THROUGH INEFFICIENCY

Tiger 2.0's unique formulation provides the same fast cutting speed, while lasting up to 40% longer. And it's industry first, patent pending optimal use line ensures you get more done with less.

CUT THROUGH SAFETY ISSUES

Tiger 2.0 delivers predictable, smooth cutting and grinding, making the work safer. And it now has a QR code so operators can access crucial safety information right where — and when — they need it.

CUT THROUGH LABOR SHORTAGES

Tiger 2.0 makes cutting and grinding easier, which means operators aren't as worn out at the end of each shift. The unique formulation also produces more consistent work from user to user, reducing training time and even re-work.

3X

*Tiger 2.0 cuts through the barriers holding you back from realizing gains while reducing costs. In some cases, users are seeing **3 times more efficiency** over their previous abrasives.*



NEW 2.0

Weiler Tiger 2.0 cutting, grinding, and combo wheels are the next evolution in abrasives.



PATENT PENDING OPTIMUM USE LINE

Using the wheel to its full life reduces change-overs, which helps users be more productive while reducing waste and abrasive spend.

NOW AVAILABLE
in AO, Zirc, Inox
and Ceramic



QR code provides quick access to important safety information.

IMPROVE SAFETY



FAST SPEED + LONGER LIFE

Up to **40% longer wheel life** reduces change-overs and delivers more cuts.

ANTI-CHIPPING TECHNOLOGY

Advanced 2.0 bond formulation reduces uneven edge wear and chipping, improving user experience and extending wheel life.



Tiger 2.0

Industry Standard



SELECTING THE RIGHT ABRASIVE



Weiler's bonded abrasives 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 the toughest jobs. Whether you're working in a shipyard, on a pipeline, or in a fab shop, 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
STEEL / METAL

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

TYPE

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

Cutting

Type 1 (Flat)

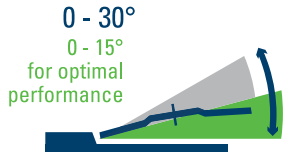


Type 27 (Depressed Center)



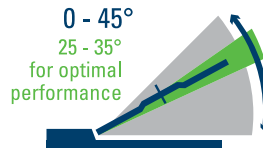
Grinding

Type 28 (Depressed Center)



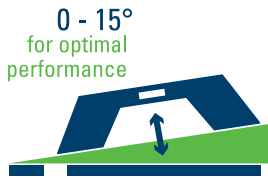
Designed for increased aggression at lower working angles and increased access

Type 27 (Depressed Center)

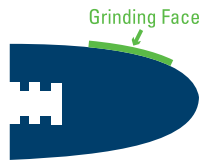


Flat profile with depressed center allows for a wide range of grinding angles (0-45)

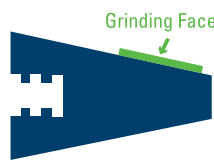
Type 11 Cup



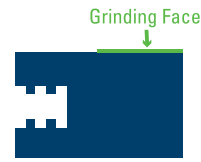
Type 16 Cone



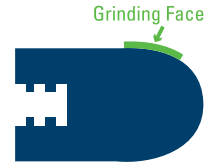
Type 17 Cone



Type 18 Plug



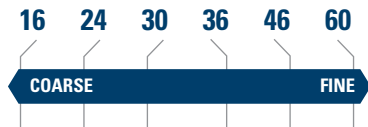
Type 18R Plug



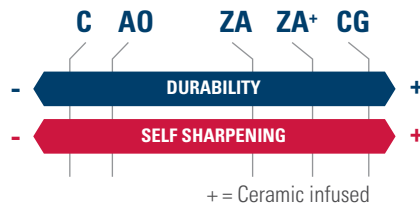
GRIT / GRAIN / GRADE

Selecting the best grit, grain 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.

Grit



Grain



Grade (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 WHEEL
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	ID 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 provides consistent, well-balanced, high quality solutions. 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.

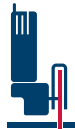
FEATURES:

- Additional fiberglass reinforcement provides **added strength** for aggressive cutting
- Smooth outer layer reduces friction for an **effortless cut and less kickback** during operation
- **2.0 Optimum Use Line** helps maximize wheel life, **improving productivity** and sustainability
- **2.0** Longer wheel life **reduces change-overs and delivers more cuts**



UltraCut wheel making precision cuts a steel tube stock.

TYPE 1 1MM CUTTING WHEELS



58006

58131

P HIGH PERFORMANCE

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*

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)

TYPE 1
7/8" Arbor

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

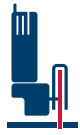
delivers precise, consistent
cuts you can count on



TRUE
1 MILLIMETER

STANDARD
.045"

TYPE 1 & 27 CUTTING WHEELS



NEW 2.0 BOLD items only.

P MAX PERFORMANCE

STEEL / METAL				TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
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	8,600	25	58303	25	58311	10	58312

NEW 2.0 BOLD items only.

P HIGH PERFORMANCE

STEEL / METAL				TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
TIGER ZIRC 2.0 / Fast Cut & Long Life									
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	8,600	25	58003	25	58023	10	58033
STAINLESS TIGER INOX / Contaminant-free*									
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	8,600	25	58103	25	58107	—	—
ALUMINUM TIGER ALUMINUM / Non-loading / Contaminant-free*									
4-1/2"	.045"	ALU60S	13,300	25	58200	25	58205	10	58206
5"	.045"	ALU60S	12,200	25	58201	—	—	—	—
6"	.045"	ALU60S	10,200	25	58202	25	58209	10	58210
7"	.060"	ALU60S	8,600	25	58203	—	—	—	—

NEW 2.0 BOLD items only.

P PERFORMANCE

STEEL / METAL				TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
TIGER AO 2.0 / Long Life									
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	8,600	25	57023	25	57046	10	57048
9"	1/16"	A60T	6,600	—	—	25	57047	10	57049

V VALUE

STEEL / METAL				TYPE 1 5/8" Arbor		TYPE 27 5/8" Arbor	
Dia.	Thickness	Grade	Max. RPM	Pack	Item #	Pack	Item #
4"	.035"	A60T	15,300	25	56271	—	—
4"	3/32"	A24T	15,200	—	—	25	56474
5"	.035"	A60T	12,200	25	56108	—	—

V VALUE

STEEL / METAL				TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
WOLVERINE AO / Fast Cutting									
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
6"	.040"	A60T	10,200	25	56282	—	—	—	—
	.045"	A60T		25	56273	—	—	—	—
	.045"	A60S		—	—	25	56283	—	—
	3/32"	A24R		—	—	25	56277	10	56278
7"	.045"	A60T	8,600	25	56275	—	—	—	—
	.060"	A60S		—	—	25	56391	—	—
	3/32"	A24R		—	—	25	56383	10	56477
9"	1/8"	A24T	6,600	—	—	—	—	10	56423



58300



58000



58100



58206



57040



56474



56103

BLACK BOLD ITEM numbers indicate Tiger 2.0. *Contaminant-free (Contains less than 0.1% Fe, S, Cl)

TYPE 1 SMALL DIAMETER CUTTING WHEELS



58348



58011



57070



56128

P MAX PERFORMANCE

STEEL / METAL TIGER[®] CERAMIC
STAINLESS Superior Life & Cut
HARD-TO-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	58348

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

P HIGH PERFORMANCE

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

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
3"	.035"	A60T	25,000	100	—	100	57001
	1/16"	A36T			57066		57060
	1/8"	A36T			57068		57063
4"	.035"	A60T	19,000	25	57075	25	57070
	1/16"	A36T			—		57071
	1/8"	A36T			—		57072

V VALUE

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
3"	.035"	A60T	25,000	100	56061	100	56062
	1/16"	A36T		100	56065	100	56068
	1/16"	A60T		—	—	100	56070
	1/8"	A36T		—	—	50	56076
	1/8"	A36S		50	56060	—	—
4"	.035"	A60T	19,000	50	56165	50	56080
	1/16"	A36T		50	56166	50	56086
	1/8"	A36T		—	—	50	56099

TYPE 1 & 27 SMALL DIAMETER SNAGGING WHEELS



57064



56064

P PERFORMANCE

STEEL / METAL TIGER AO / Long Life

Diameter	Thickness	Grade	Max. RPM	TYPE 1 3/8" Arbor		TYPE 27 3/8" Arbor	
				Std. Pack	Item #	Std. Pack	Item #
3"	1/4"	A24T	25,000	40	57064	—	—
4"	1/4"	A24T	15,300	10	57073	10	57074

V VALUE

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	10	56163

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

TYPE 1 FOR CHOP SAWS



P PERFORMANCE

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	10	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"	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 VALUE

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	10	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

TYPE 1

HIGH PERFORMANCE



56247

RAIL CUTTING



58028

TRIPLE REINFORCEMENT FOR + SUPPORT



TYPE 1 FOR HIGH SPEED SAWS



P HIGH PERFORMANCE

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

TYPE 1

P PERFORMANCE

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	10	57030
14"	1/8"	1"	A30T	Long Life Cutting	5,500	10	57032
14"	1/8"	20 mm	A30T	Long Life Cutting	5,500	10	57094
14"	1/8"	20 mm	A30T	Triple Reinforcement For + Support	5,500	10	57035

TYPE 1

TYPE 1 FOR STATIONARY SAWS



P PERFORMANCE

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
20"	1/8"	1"	A30S	Long Life Cutting	3,100	10	57097

TYPE 1

V VALUE

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

TYPE 1

GRINDING WHEELS



Cut back provides instant aggressive grinding

Whether you're looking for serious stock removal, beveling, grinding, or notching, Weiler's grinding will help get the most demanding jobs done right and done fast.

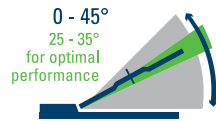
FEATURES:

- Fiberglass cut back design provides **aggressive grinding right out of the box** (Tiger 27 grinding wheels only)
- Triple fiberglass reinforcement **increases user safety**
- 2.0 Optimum Use Line** helps maximize wheel life, **improving productivity** and sustainability
- 2.0** Longer wheel life **reduces change-overs and removes more material**
- 2.0** Advanced 2.0 bond formulation **reduces uneven edge wear and chipping**, improving operator experience and extending wheel life



Weld blending on a stainless pressure tank with a Tiger Ceramic grinding wheel.

TYPE 27 GRINDING WHEELS



NEW 2.0 BOLD items only.

P MAX PERFORMANCE

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

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	8,600	—	—	10	58331	10	58332
9"	1/4"	CER24R	6,600	—	—	10	58333	10	58334

NEW 2.0 BOLD items only.

P HIGH PERFORMANCE

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	8,600	—	—	10	58075	10	58074
9"	1/4"	Z24T	6,650	—	—	10	68384	10	68385

STAINLESS TIGER INOX / 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 #
4-1/2"	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	8,600	—	—	10	58125	10	58124

ALUMINUM TIGER ALUMINUM / Non-loading / 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 #
4-1/2"	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

BLACK BOLD ITEM numbers indicate Tiger 2.0. *Contaminant-free (Contains less than 0.1% Fe, S, Cl)

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

NEW 2.0 BOLD items only.

P PERFORMANCE

STEEL / METAL TIGER AO / 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 #
4-1/2"	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	8,600	—	—	10	57125	10	57124
9"	1/4"	A24T	6,650	—	—	10	68376	10	68377

BLACK BOLD ITEM numbers indicate Tiger 2.0.



57120

V VALUE

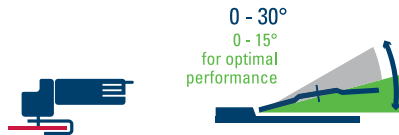
STEEL / METAL WOLVERINE AO / Fast Cutting

Diameter	Thickness	Grade	Max. RPM	TYPE 27 5/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				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	8,600	—	—	25	56467	10	56468
9"	1/4"	A24R	6,600	—	—	25	56469	10	56470



56473

TYPE 28 GRINDING WHEELS



NEW 2.0 BOLD items only.

P HIGH PERFORMANCE

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	8,600	10	58081	10	58080
9"	1/4"	Z24T	6,600	10	58083	10	58082



58081

58082

NEW 2.0 BOLD items only.

P PERFORMANCE

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	8,600	10	57135	10	57134
9"	1/4"	A24R	6,600	10	57137	10	57136

BLACK BOLD ITEM numbers indicate Tiger 2.0.



57134

57136

ACCESSORIES

ADAPTING NUTS & SPANNER WRENCH For 4" - 6" Angle Grinders.

Description	Adapts To	Min. Wheel Thickness	Standard Pack	Item Number
Adapting Nuts	5/8" to 3/8"-24	.045"	1	56484
Adapting Nuts	7/8" to 5/8"-11	.045"	1	56494
Spanner Wrench	—	—	1	56495



56494

56495

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

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

*Combination pack



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.

FEATURES:

- **2.0 Optimum Use Line** helps maximize wheel life, **improving productivity** and sustainability
- **2.0** Longer wheel life **reduces change-overs and removes more material**



Back gouging a steel plate with a Tiger combo wheel.

TYPE 27 CUT & GRIND COMBO WHEELS



NEW 2.0 BOLD items only.

P MAX PERFORMANCE

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	8,600	25	58321	10	58322
9"	1/8"	CER30T	6,600	25	58323	10	58324

NEW 2.0 BOLD items only.

P HIGH PERFORMANCE

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	8,600	25	58056	10	58055
9"	1/8"	Z30T	6,650	25	68382	10	68383

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

4-1/2"	1/8"	INOX30T	13,300	25	58115	10	58114
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ALUMINUM **TIGER ALUMINUM / Non-loading / Contaminant-free***

4-1/2"	1/8"	ALU30T	13,300	25	58215	10	58216
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NEW 2.0 BOLD items only.

P PERFORMANCE

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	8,600	25	57105	10	57104
9"	1/8"	A30T	6,650	25	68374	10	68375

V VALUE

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	8,600	25	56426	10	56425

PIPELINE WHEELS

TYPE 27 FOR PIPELINE



Tiger 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:

- **Do Not Chip** – Operators will no longer feel the need to chip the wheel to get it to bite
- **Reduced Chatter** – A unique bond formulation delivers reduced vibration for the entire life of the wheel for a better grinding experience
- **Superior Life & Cut** – A blend of zirconia alumina and ceramic grains bite into the bead and dig out the wagon tracks fast while the strong bond delivers long wheel life



P HIGH PERFORMANCE PIPELINE GRINDING WHEELS

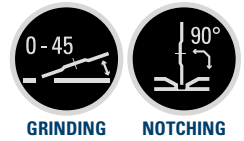
STEEL / METAL TIGER ZIRC / Ceramic-infused / Fast Grinding & Long Life on Pipe

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	8,600	10	58094
9"	1/8"	Z30T	6,600	10	58095

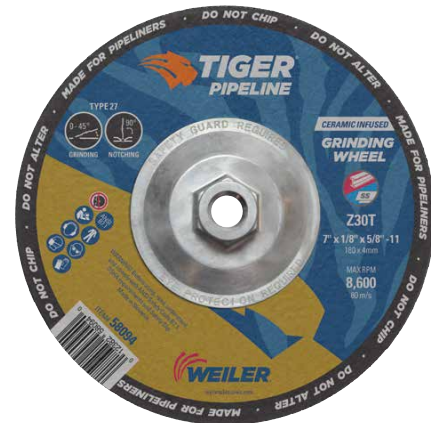
TYPE 27
5/8"-11 Hub



One Wheel for



GRINDING NOTCHING



58094

TYPE 27 FOR MECHANIZED PIPE WELDING



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

FEATURES:

- **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 Life & Cut** – A blend of zirconia alumina and ceramic grains bite into the bead fast while the strong bond delivers long wheel life



NOTCHING

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
7"	3/32"+	Z30T	8,600	10	58068

TYPE 27
5/8"-11 Hub



+ Specific size for mechanized pipe welds



58066

FLARING CUP WHEELS, CONES & PLUGS



Tiger cups, cones, and plugs provide high performance grinding solutions for the toughest materials and the most challenging applications.



Type 11 cup aggressively removing metal.

FEATURES:

- Precision balanced to ensure smooth, **vibration free operation and reduced operator fatigue**
- Anchored hexagon nut locks the abrasive in place to **increase safety** and prevent product breakage
- Zinc plated nut prevents oxidation, eliminates contamination, and allows for easy mounting
- Open face design on cones and plugs provides an **aggressive cut-rate right out of the box**

TYPE 11 CUPS
FOR GRINDERS

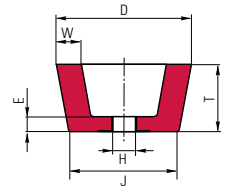


APPLICATIONS:

Heavy metal removal, grinding, transitioning, rough beveling and removing cracks/flaws

RIM (W) WIDTH OPTIONS

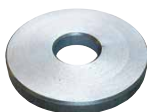
1-1/2" RIM	Large grinding zone to minimize grind time
1" RIM	Medium grinding zone for maximum material removal in targeted areas
3/4" RIM	Ideal for targeted material removal in small, hard-to-access areas



68352



68356



73054

P HIGH PERFORMANCE

STEEL / METAL TIGER ZIRC CUP WHEELS / Fast Cut & 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"	ZA16Q	9,070	5	68352
5" / 3-3/4"	2"	5/8"-11	1"	3/4"	ZA16Q	7,260	5	68355
6" / 4-3/4"	2"	5/8"-11	1"	3/4"	ZA16Q	6,000	5	68358
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZAC16Q	6,000	5	68361+
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZA16R	6,000	5	68362
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZA16Q	6,000	5	68364

+ Includes silicon carbide for burnt-in sand and hard-to-grind metals.

P PERFORMANCE

STEEL / METAL TIGER AO CUP WHEELS / 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 •

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

CONES AND PLUGS

FOR STRAIGHT & DIE GRINDERS



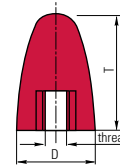
APPLICATIONS:

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

P TYPE 16 CONES

HIGH PERFORMANCE STEEL / METAL TIGER ZIRC TYPE 16 CONES / Fast Cut & Long Life

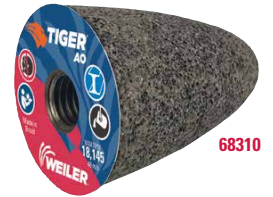
Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1"	3"	3/8"-24 Nut	ZA20S	36,290	12	68301
1-1/2"	2-1/2"	5/8"-11 Nut	ZA20S	24,190	12	68304
1-1/2"	2"	3/8"-24 Nut	ZA20S	24,190	12	68306
1-1/2"	3"	5/8"-11 Nut	ZA20S	24,190	12	68308
2"	3"	5/8"-11 Nut	ZA20S	18,145	12	68311
2-3/4"	3-1/2"	5/8"-11 Nut	ZA20S	13,195	12	68313



68306

PERFORMANCE STEEL / METAL TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
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

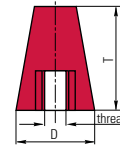


68310

P TYPE 17 CONES

HIGH PERFORMANCE STEEL / METAL TIGER ZIRC TYPE 17 CONES / Fast Cut & Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
2"	3"	5/8"-11 Nut	ZA20S	18,145	12	68365



68317

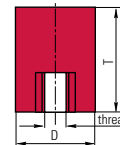
PERFORMANCE STEEL / METAL TIGER AO / Long Life

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

P TYPE 18 PLUGS

HIGH PERFORMANCE STEEL / METAL TIGER ZIRC TYPE 18 PLUGS / Fast Cut & Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1-1/2"	2-1/2"	5/8"-11 Nut	ZA20S	24,190	12	68320
1-1/2"	3"	5/8"-11 Nut	ZA20S	24,190	12	68322
2"	3"	5/8"-11 Nut	ZA20S	18,145	12	68324



68320

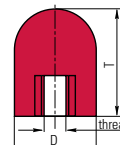
PERFORMANCE STEEL / METAL TIGER AO / Long Life

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

P TYPE 18R PLUGS

HIGH PERFORMANCE STEEL / METAL TIGER ZIRC TYPE 18R PLUGS / Fast Cut & Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1-1/2"	3"	3/8"-24 Nut	ZA20S	24,190	12	68326
1-1/2"	3"	5/8"-11 Nut	ZA20S	24,190	12	68328
2"	3"	5/8"-11 Nut	ZA20S	18,145	12	68330



68330

PERFORMANCE STEEL / METAL TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
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



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