

FASTENAL

877.507.7555 / fastenal.com

FASTENAL®



CUTTING, GRINDING & COMBINATION WHEELS

Get the most demanding jobs done right and done fast.

800.835.9999 / weilerabrasives.com

WEILER®

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.



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.



Tiger 2.0



Industry Standard

ANTI-CHIPPING TECHNOLOGY

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



WEILER WHEEL

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

Read and Comply with ANSI B7.1

TYPE

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

Cutting

Type 1 (Flat)

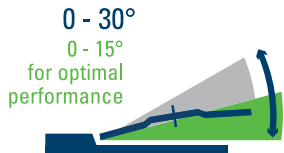


Type 27 (Depressed Center)



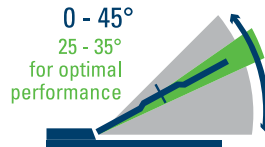
Grinding

Type 28 (Depressed Center)



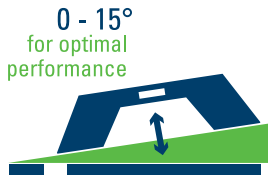
Designed for increased aggression at lower working angles and increased access

Type 27 (Depressed Center)

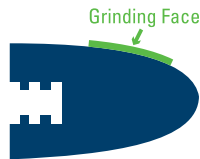


Flat profile with depressed center allows for a wide range of grinding angles (0-45)

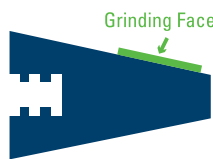
Type 11 Cup



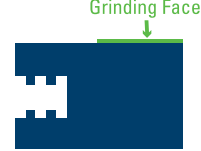
Type 16 Cone



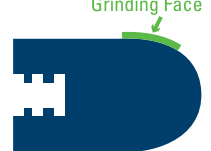
Type 17 Cone



Type 18 Plug



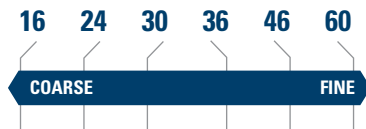
Type 18R Plug



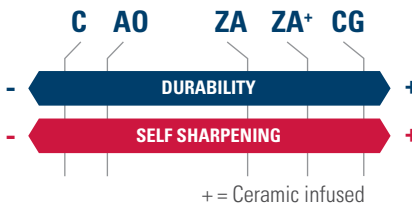
GRIT / GRAIN / GRADE

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.

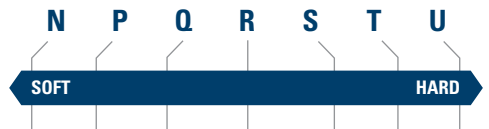
Grit



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



Sheet metal, tubes, profiles and small cross-section rods

THIN WHEEL .045"



Tubes, bar stock and large cross-sections

THIN WHEEL .060"



Angle iron, large cross-sections

CUTTING WHEEL 3/32"



Notching

PIPELINE NOTCHING WHEEL 1/8"



Switching between cutting and grinding

COMBO WHEEL 1/8"



For tough root pass notching & facing applications on the pipeline

PIPELINE NOTCHING WHEEL 1/8"



Heavy stock, scale and weld removal, weld blending, edge beveling and torch-cut softening

GRINDING WHEEL 1/4"



ID cleaning, hole edge beveling, smoothing weld seams, removing gates & parting lines

CONES & PLUGS



Heavy metal removal, grinding, transitioning, rough beveling & removing crack & flaws

CUP WHEEL



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



P HIGH PERFORMANCE

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

Diameter	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #
4-1/2"	1 mm	Z60T	13,300	50	58005	0848268
5"	1 mm	Z60T	12,200	50	58006	0848269

STAINLESS TIGER INOX ULTRACUT 1MM / Contaminant-free*

Diameter	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #
4-1/2"	1 mm	INOX60T	13,300	50	58130	0848270
5"	1 mm	INOX60T	12,200	50	58131	0848271

*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 **TIGER CERAMIC**
STAINLESS Superior Life & Cut
HARD-TO-CUT Contaminant-free*

				TYPE 1 7/8" Arbor				TYPE 27 7/8" Arbor				TYPE 27 5/8"-11 Hub			
Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	.045"	CER60S	13,300	25	58300	0865929	25	58305	0865933	10	58306	0865934			
5"	.045"	CER60S	12,200	25	58301	0865930	25	58307	0865935	10	58308	0865936			
6"	.045"	CER60S	10,200	25	58302	0865931	25	58309	0865937	10	58310	0865938			
7"	.060"	CER60S	8,600	25	58303	0865932	25	58311	0865939	10	58312	0865940			

NEW 2.0 BOLD items only.

P HIGH PERFORMANCE

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

				TYPE 1 7/8" Arbor				TYPE 27 7/8" Arbor				TYPE 27 5/8"-11 Hub			
Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	.045"	Z60T	13,300	25	58000	0816505	25	58020	0816508	10	58030	922444542			
5"	.045"	Z60T	12,200	25	58001	0816506	25	58021	0816509	10	58031	TBA			
6"	.045"	Z60T	10,200	25	58002	0816507	25	58022	0816510	10	58032	923263931			
7"	.060"	Z60T	8,600	25	58003	0848245	25	58023	0816511	10	58033	TBA			

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	.045"	INOX60S	13,300	25	58100	0816527	25	58110	0816530	10	58109	0848262
5"	.045"	INOX60S	12,200	25	58101	0816528	25	58111	0816531	—	—	—
6"	.045"	INOX60S	10,200	25	58102	0816529	25	58112	0816532	10	58113	0848263
7"	.060"	INOX60S	8,600	25	58103	0848260	25	58107	0848261	—	—	—

NEW!

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	.045"	ALU60S	13,300	25	58200	0882254	25	58205	0882258	10	58206	0882259
5"	.045"	ALU60S	12,200	25	58201	0882255	—	—	—	—	—	—
6"	.045"	ALU60S	10,200	25	58202	0882256	25	58209	0882262	10	58210	0882263
7"	.060"	ALU60S	8,600	25	58203	0882257	—	—	—	—	—	—

NEW 2.0 BOLD items only.

P PERFORMANCE

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

				TYPE 1 7/8" Arbor				TYPE 27 7/8" Arbor				TYPE 27 5/8"-11 Hub			
Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	.045"	A60T	13,300	25	57020	0816467	25	57041	0816472	10	57040	0816471			
	1/16"	A36T	—	25	57061	0816479	—	—	—	—	—	—			
	3/32"	A36S	—	—	—	—	25	57081	0816481	10	57080	0816480			
5"	.045"	A60T	12,200	25	57021	0816468	25	57043	0816474	10	57042	0816473			
	3/32"	A36S	—	—	—	—	25	57083	0816483	10	57082	0816482			
6"	.045"	A60T	10,200	25	57022	0816469	25	57045	0816476	10	57044	0816475			
7"	.060"	A60T	8,600	25	57023	0816470	25	57046	0816477	10	57048	922444473			
9"	1/16"	A60T	6,600	—	—	—	25	57047	0848235	10	57049	TBA			

V VALUE

STEEL / METAL **WOLVERINE AO** / Fast Cut

VALUE				TYPE 1 5/8" Arbor				TYPE 27 5/8" Arbor			
STEEL / METAL				WOLVERINE AO / Fast Cut							
Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #		
4"	.035"	A60T	15,300	25	56271	0806878	—	—	—		
4"	3/32"	A24T	15,200	—	—	—	25	56474	0806904		
5"	.035"	A60T	12,200	25	56108	0811679	—	—	—		

V VALUE

STEEL / METAL **WOLVERINE AO**
Fast Cut

				TYPE 1 7/8" Arbor				TYPE 27 7/8" Arbor				TYPE 27 5/8"-11 Hub			
Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	.045"	A60T	13,300	25	56281	99061511	—	—	—	—	—	—			
	.045"	A60S	—	—	—	—	25	56393	0806887	—	—	—			
	1/16"	A60T	—	25	56103	0806865	—	—	—	—	—	—			
	3/32"	A24T	—	—	—	—	25	56475	0811681	10	56385	0806884			
5"	.045"	A60S	12,200	—	—	—	25	56392	0806886	—	—	—			
	1/16"	A36T	—	25	56118	0806867	—	—	—	—	—	—			
	3/32"	A24T	—	—	—	—	25	56476	0806905	10	56384	0806883			
6"	.040"	A60T	10,200	25	56282	99061512	—	—	—	—	—	—			
	.045"	A60T	—	25	56273	0814556	—	—	—	—	—	—			
	.045"	A60S	—	—	—	—	25	56283	0868310	—	—	—			
	3/32"	A24R	—	—	—	—	25	56277	99061510	10	56278	0814557			
7"	.045"	A60T	8,600	25	56275	0806881	—	—	—	—	—	—			
	.060"	A60S	—	—	—	—	25	56391	0806885	—	—	—			
	3/32"	A24R	—	—	—	—	25	56383	0806882	10	56477	0806906			
9"	1/8"	A24T	6,600	—	—	—	—	—	—	10	56423	99061516			

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



58300



58000



58109



58206



57040



56474



56103

TYPE 1 SMALL DIAMETER CUTTING WHEELS



58348



58011



57070



56128

P MAX PERFORMANCE CUTTING

STEEL / METAL **TIGER CERAMIC**
Superior Life & Cut
Contaminant-free*

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
3"	1/16"	CER36T	25,000	100	58345	0865995	100	58342	0865994
4"	1/16"	CER36T	19,000	—	—	—	25	58348	0865996

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

P HIGH PERFORMANCE CUTTING

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
3"	.035"	Z60T	25,000	100	58012	0865991	100	58011	0865990
4"	.035"	Z60T	19,000	25	58014	0865993	25	58013	0865992

P PERFORMANCE CUTTING

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
2"	.035"	A60T	30,000	100	57014	0865971	100	57010	0865968
	1/16"	A36T			57015	0865972		57011	0865969
	1/8"	A36T			57016	0865973		57012	0865970
3"	.035"	A60T	25,000	100	—	—	100	57001	0816466
	1/16"	A36T			57066	0865977		57060	0816478
	1/8"	A36T			57068	0865978		57063	0865974
4"	.035"	A60T	19,000	25	57075	0865985	25	57070	0865980
	1/16"	A36T			—	—		57071	0865981
	1/8"	A36T			—	—		57072	0865982

V VALUE CUTTING

STEEL / METAL **WOLVERINE AO** / Fast Cut

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
2"	.035"	A60T	30,000	100	56013	0806852	100	56128	0865959
	1/16"	A36T		50	56015	0806853	50	56129	0865960
	1/8"	A36S		50	56022	0865962	50	56130	0865961
3"	.035"	A60T	25,000	100	56061	0806855	100	56062	0806856
	1/16"	A36T		100	56065	0806857	100	56068	0811680
	1/16"	A60T		—	—	—	100	56070	0806858
	1/8"	A36T		—	—	—	50	56076	0806859
	1/8"	A36S		50	56060	0865963	—	—	—
4"	.035"	A60T	19,000	50	56165	0865965	50	56080	0806861
	1/16"	A36T		50	56166	0865966	50	56086	0806864
	1/8"	A36T		—	—	—	50	56099	99061497

TYPE 1 & 27 SMALL DIAMETER SNAGGING WHEELS



57064



57074



56064

P PERFORMANCE SNAGGING

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #
3"	1/4"	A24T	25,000	40	57064	0865975
4"	1/4"	A24T	15,300	10	57073	0865983

P PERFORMANCE SNAGGING (Type 27)

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #
4"	1/4"	A24T	15,300	10	57074	0865984

V VALUE SNAGGING

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #
2"	1/4"	A60T	30,000	25	56131	0811684
3"	1/4"	A24T	25,000	25	56064	0865964
4"	1/4"	A36T	15,300	10	56163	0806869

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

TYPE 1 FOR CHOP SAWS



P PERFORMANCE CUTTING

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

Dia.	Thickness	Arbor	Grade	Description	Max. RPM	Pack	Weiler #	Fastenal #
12"	3/32"	1"	A36T	Long Life Cutting	5,100	10	57090	0816484
14"	3/32"	1"	A36T	Long Life Cutting	4,400	10	57092	0816486
14"	3/32"	1"	A36R	Smooth Cutting	4,400	10	57093	0848236
14"	3/32"	1"	EA36T	Fast Cut & Long Life	4,400	10	57086	922444521
16"	3/32"	1"	A36P	Long Life Cutting	3,850	10	57087	922444494

◆ Softer bond for smoother, faster cutting.

V CUTTING

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

Dia.	Thickness	Arbor	Grade	Description	Max. RPM	Pack	Weiler #	Fastenal #
12"	3/32"	1"	A46T	Fast Cutting	5,100	10	56239	0868307
14"	3/32"	1"	A46T	Fast Cutting	4,400	10	56240	0868308
14"	3/32"	1"	A46T	Single Center Reinforcement For + Speed	4,400	10	56247	922444472

TYPE 1 FOR HIGH SPEED SAWS



P HIGH PERFORMANCE CUTTING

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

Dia.	Thickness	Arbor	Grade	Description	Max. RPM	Pack	Weiler #	Fastenal #
14"	1/8"	1"	Z24U	Rail Cutting	5,500	10	58028	922474049
16"	1/8"	1"	Z24U	Rail Cutting	4,800	10	58029	922474048

P PERFORMANCE CUTTING

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

Dia.	Thickness	Arbor	Grade	Description	Max. RPM	Pack	Weiler #	Fastenal #
12"	1/8"	1"	A30T	Long Life Cutting	6,400	10	57030	922444488
14"	1/8"	1"	A30T	Long Life Cutting	5,500	10	57032	922444503
14"	1/8"	20 mm	A30T	Long Life Cutting	5,500	10	57094	921731258
14"	1/8"	20 mm	A30T	Triple Reinforcement For + Support	5,500	10	57035	922444509

TYPE 1 FOR STATIONARY SAWS



P PERFORMANCE CUTTING

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

Dia.	Thickness	Arbor	Grade	Description	Max. RPM	Pack	Weiler #	Fastenal #
14"	1/8"	1"	A30R	Long Life Cutting	4,400	10	57091	0816485
20"	1/8"	1"	A30S	Long Life Cutting	3,100	10	57097	923353209

V CUTTING

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

Dia.	Thickness	Arbor	Grade	Description	Max. RPM	Pack	Weiler #	Fastenal #
14"	1/8"	1"	A30R	Fast Cutting	4,400	10	56230	0868306

57086

HIGH
PERFORMANCE



56247

RAIL
CUTTING



58028

TRIPLE
REINFORCEMENT
FOR + SUPPORT



GRINDING WHEELS

0 - 45°
— 1

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

TYPE 27 GRINDING WHEELS



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



58326

NEW 2.0 BOLD items only.

P MAX PERFORMANCE

		STEEL / METAL		TIGER CERAMIC / Superior Life & Cut Contaminant-free*		TYPE 27 5/8" Arbor			TYPE 27 7/8" Arbor			TYPE 27 5/8"-11 Hub		
		STAINLESS	HARD-TO-GRIND											
Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #
4"	1/4"	CER24R	15,300	10	58335	0894163	—	—	—	—	—	—	—	—
4-1/2"	1/4"	CER24R	13,300	—	—	—	10	58325	0865949	10	58326	0865950	—	—
5"	1/4"	CER24R	12,200	—	—	—	10	58327	0865951	10	58328	0865952	—	—
6"	1/4"	CER24R	10,200	—	—	—	10	58329	0865953	10	58330	0865954	—	—
7"	1/4"	CER24R	8,600	—	—	—	10	58331	0865955	10	58332	0865956	—	—
9"	1/4"	CER24R	6,600	—	—	—	10	58333	0865957	10	58334	0865958	—	—

NEW 2.0 BOLD items only.

P HIGH PERFORMANCE

		STEEL / METAL		TIGER ZIRC Ceramic-infused - Fast Cut & Long Life		TYPE 27 5/8" Arbor			TYPE 27 7/8" Arbor			TYPE 27 5/8"-11 Hub		
Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #
4"	1/4"	Z24T	15,300	10	58069	0894155	—	—	—	—	—	—	—	—
4-1/2"	1/4"	Z24T	13,300	—	—	—	10	58071	0816522	10	58070	0816521	—	—
5"	1/4"	Z24T	12,200	—	—	—	10	58073	0816524	10	58072	0816523	—	—
6"	1/4"	Z24T	10,200	—	—	—	10	58079	0848255	10	58078	0848254	—	—
7"	1/4"	Z24T	8,600	—	—	—	10	58075	0816526	10	58074	0816525	—	—
9"	1/4"	Z24T	6,650	—	—	—	10	68384	924236515	10	68385	924244097	—	—
		STAINLESS		TIGER INOX / Contaminant-free*										
4-1/2"	1/4"	INOX24R	13,300	—	—	—	10	58121	0816534	10	58120	0816533	—	—
5"	1/4"	INOX24R	12,200	—	—	—	10	58123	0816536	10	58122	0816535	—	—
6"	1/4"	INOX24R	10,200	—	—	—	10	58129	922444492	10	58128	922444500	—	—
7"	1/4"	INOX24R	8,600	—	—	—	10	58125	0816538	10	58124	0816537	—	—
		ALUMINUM		TIGER ALUMINUM / Non-loading / Contaminant-free*										
4-1/2"	1/4"	ALU24R	13,300	—	—	—	10	58225	0882274	10	58226	0882275	—	—
5"	1/4"	ALU24R	12,200	—	—	—	10	58227	0882276	10	58228	0882277	—	—
6"	1/4"	ALU24R	10,200	—	—	—	10	58229	0882278	10	58230	0882279	—	—

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			
				Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	1/4"	A24R	13,300	—	—	—	10	57121	0816496	10	57120	0816495			
5"	1/4"	A24R	12,200	—	—	—	10	57123	0816498	10	57122	0816497			
6"	1/4"	A24R	10,200	—	—	—	10	57129	0848240	10	57128	0848239			
7"	1/4"	A24R	8,600	—	—	—	10	57125	0816500	10	57124	0816499			
9"	1/4"	A24T	6,650	—	—	—	10	68376	924244071	10	68377	924244124			



57120

V VALUE

STEEL / METAL **WOLVERINE AO**

Fast Cutting

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4"	1/4"	A24R	15,200	25	56473	0806903	—	—	—	—	—	—
4-1/2"	1/4"	A24R	13,300	—	—	—	25	56464	0806899	10	56454	0806896
4-1/2"	1/4"	A24N	13,300	—	—	—	25	56457	0806898	10	56455	0806897
5"	1/4"	A24R	12,200	—	—	—	25	56466	0806900	10	56449	0806895
6"	1/4"	A24R	10,200	—	—	—	25	56280	0868309	10	56279	0814559
7"	1/4"	A24R	8,600	—	—	—	25	56467	0806901	10	56468	0806902
9"	1/4"	A24R	6,600	—	—	—	25	56469	TBA	10	56470	0868313



56473

TYPE 28 GRINDING WHEELS



NEW 2.0 BOLD items only.

P HIGH PERFORMANCE

STEEL / METAL **TIGER ZIRC**

Ceramic-infused - Fast Cut & Long Life

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
7"	1/4"	Z24T	8,600	10	58081	0848257	10	58080	0848256
9"	1/4"	Z24T	6,600	10	58083	0848259	10	58082	0848258



57134

NEW 2.0 BOLD items only.

P PERFORMANCE

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
7"	1/4"	A24R	8,600	10	57135	0848242	10	57134	0848241
9"	1/4"	A24R	6,600	10	57137	0848244	10	57136	0848243



ACCESSORIES

ADAPTING NUTS & SPANNER WRENCH For 4-1/2" - 6" Angle Grinders.

Description	Adapts To	Min. Wheel Thickness	Pack	Weiler #	Fastenal #
Adapting Nuts	5/8" to 3/8"-24	.045"	1	56484	0806907
Adapting Nuts	7/8" to 5/8"-11	.045"	1	56494	0811764
Spanner Wrench	—	—	1	56495	0806910



56494

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

Arbor Size	Wheel Thickness	Pack	Weiler #	Fastenal #
1/4"	1/8" to 1/4"	10	56489	0868314
3/8"	1/8" to 1/4"	10	56490	0806908
1/4", 3/8" *	1/8" to 1/4"	10	56491*	0806909*

*Combination pack



56489

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

For Arbor Hole Size	Adapted Arbor Hole Size	Pack	Weiler #	Fastenal #
1"	20mm	10	04455	0813276



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**

TYPE 27

CUT & GRIND COMBO WHEELS



Back gouging a steel plate with a Tiger combo wheel.

NEW 2.0 BOLD items only.

P MAX PERFORMANCE

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

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	1/8"	CER30T	13,300	25	58315	0865941	10	58316	0865942
5"	1/8"	CER30T	12,200	25	58317	0865943	10	58318	0865944
6"	1/8"	CER30T	10,200	25	58319	0865945	10	58320	0865946
7"	1/8"	CER30T	8,600	25	58321	0865947	10	58322	0865948
9"	1/8"	CER30T	6,600	25	58323	0882323	10	58324	0882324

NEW 2.0 BOLD items only.

P HIGH PERFORMANCE

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

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	1/8"	Z30T	13,300	25	58051	0816513	10	58050	0816512
5"	1/8"	Z30T	12,200	25	58053	0816515	10	58052	0816514
6"	1/8"	Z30T	10,200	25	58064	0848250	10	58054	0816516
7"	1/8"	Z30T	8,600	25	58056	0848246	10	58055	0816517
9"	1/8"	Z30T	6,650	25	68382	924244130	10	68383	924244081

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

4-1/2"	1/8"	INOX30T	13,300	25	58115	0816799	10	58114	0816798
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ALUMINUM **TIGER ALUMINUM** / Non-loading / Contaminant-free*

4-1/2"	1/8"	ALU30T	13,300	25	58215	0882266	10	58216	0882267
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NEW 2.0 BOLD items only.

P PERFORMANCE

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

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	1/8"	A30S	13,300	25	57101	0816488	10	57100	0816487
5"	1/8"	A30S	12,200	25	57103	0816490	10	57102	0816489
6"	1/8"	A30S	10,200	25	57109	0848238	10	57108	0848237
7"	1/8"	A30S	8,600	25	57105	0816492	10	57104	0816491
9"	1/8"	A30S	6,650	25	68374	924244129	10	68375	924244135

V VALUE

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

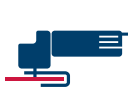
TYPE 27
7/8" Arbor

TYPE 27
5/8" Arbor

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #	Pack	Weiler #	Fastenal #
4-1/2"	1/8"	A24T	13,300	25	56430	0806893	10	56429	0806892
5"	1/8"	A24T	12,200	25	56428	0806891	10	56427	0806890
7"	1/8"	A24T	8,600	25	56426	0806889	10	56425	0806888

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



One Wheel for



GRINDING



NOTCHING



58094

P HIGH PERFORMANCE PIPELINE GRINDING WHEELS

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #
4-1/2"	1/8"	Z30T	13,300	10	58090	921180635
6"	1/8"	Z30T	10,200	10	58092	921180631
7"	1/8"	Z30T	8,600	10	58094	921180634
9"	1/8"	Z30T	6,600	10	58095	921180633

TYPE 27
5/8"-11 Arbor

TYPE 27 FOR MECHANIZED PIPE WELDING



Tiger Mech wheels are designed for notching applications on mechanized 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



58066

P HIGH PERFORMANCE MECH NOTCHING WHEELS

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

Dia.	Thickness	Grade	Max. RPM	Pack	Weiler #	Fastenal #
4-1/2"	3/32"+	Z30T	13,300	10	58066	921180630
7"	3/32"+	Z30T	8,600	10	58068	921180636

TYPE 27
5/8"-11 Arbor

+ Specific size for mechanized pipe welds

FLARING CUP WHEELS, CONES & PLUGS



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

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 cup aggressively removing metal.

TYPE 11 CUPS
FOR GRINDERS

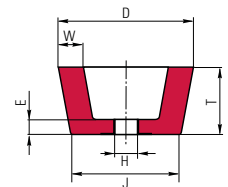


APPLICATIONS:

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



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	Pack	Weiler #	Fastenal #
4" / 3"	2"	5/8"-11	3/4"	3/4"	ZA16Q	9,070	5	68352	924244131
5" / 3-3/4"	2"	5/8"-11	1"	3/4"	ZA16Q	7,260	5	68355	924244105
6" / 4-3/4"	2"	5/8"-11	1"	3/4"	ZA16Q	6,000	5	68358	924244082
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZAC16Q	6,000	5	68361+	924244137
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZA16R	6,000	5	68362	924244075
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZA16Q	6,000	5	68364	924244112

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



PERFORMANCE

STEEL / METAL TIGER AO CUP WHEELS / Long Life

Diameter (D / J)	Thickness (T)	Arbor (H)	Rim (W)	Back (E)	Grade	Max. RPM	Pack	Weiler #	Fastenal #
4" / 3"	2"	5/8"-11	3/4"	3/4"	A16Q	9,070	5	68350 •	923125386 •
5" / 3-3/4"	2"	5/8"-11	1"	3/4"	A16Q	7,260	5	68353	923125387
6" / 4-3/4"	2"	5/8"-11	1"	3/4"*	A16Q	6,000	5	68356	923125395
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"*	A16Q	6,000	5	68359	923125388

*Reinforced metal back

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

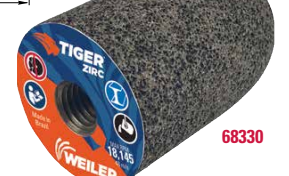
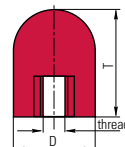
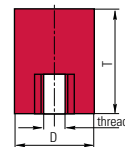
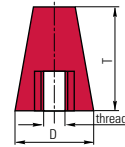
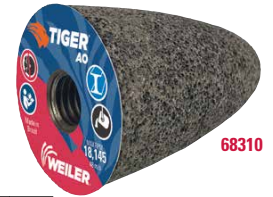
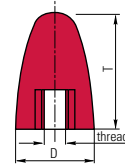
Diameter	Thickness	Pack	Weiler #	Fastenal #
2"	1/4"	1	73054 •	924414479 •

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



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	Pack	Weiler #	Fastenal #
1"	3"	3/8"-24 Nut	ZA20S	36,290	12	68301	924244108
1-1/2"	2-1/2"	5/8"-11 Nut	ZA20S	24,190	12	68304	924244133
1-1/2"	2"	3/8"-24 Nut	ZA20S	24,190	12	68306	924244080
1-1/2"	3"	5/8"-11 Nut	ZA20S	24,190	12	68308	924244115
2"	3"	5/8"-11 Nut	ZA20S	18,145	12	68311	924244084
2-3/4"	3-1/2"	5/8"-11 Nut	ZA20S	13,195	12	68313	924244077

PERFORMANCE STEEL / METAL TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Pack	Weiler #	Fastenal #
1-1/2"	2-1/2"	5/8"-11 Nut	A24R	24,190	12	68303	923125381
1-1/2"	3"	3/8"-24 Nut	A24R	24,190	12	68305	923125401
1-1/2"	3"	5/8"-11 Nut	A24R	24,190	12	68307	923125385
2"	3"	3/8"-24 Nut	A24R	18,145	12	68309	923125383
2"	3"	5/8"-11 Nut	A24R	18,145	12	68310	923125389
2-3/4"	3"	5/8"-11 Nut	A24R	13,195	12	68312	923125398
3"	3"	5/8"-11 Nut	A24R	12,100	12	68314	923125397

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	Pack	Weiler #	Fastenal #
2"	3"	5/8"-11 Nut	ZA20S	18,145	12	68365	924244096

PERFORMANCE STEEL / METAL TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Pack	Weiler #	Fastenal #
1-3/4"	3"	5/8"-11 Nut	A24R	20,740	12	68316	923125403
2"	3"	5/8"-11 Nut	A24R	18,145	12	68317	923125390

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	Pack	Weiler #	Fastenal #
1-1/2"	2-1/2"	5/8"-11 Nut	ZA20S	24,190	12	68320	924244126
1-1/2"	3"	5/8"-11 Nut	ZA20S	24,190	12	68322	924244090
2"	3"	5/8"-11 Nut	ZA20S	18,145	12	68324	924244079

PERFORMANCE STEEL / METAL TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Pack	Weiler #	Fastenal #
1-1/2"	2-1/2"	3/8"-24 Nut	A24R	24,190	12	68318	923125396
1-1/2"	2-1/2"	5/8"-11 Nut	A24R	24,190	12	68319	923125402
1-1/2"	3"	5/8"-11 Nut	A24R	24,190	12	68321	923125400
2"	3"	5/8"-11 Nut	A24R	18,145	12	68323	923125392

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	Pack	Weiler #	Fastenal #
1-1/2"	3"	3/8"-24 Nut	ZA20S	24,190	12	68326	924244073
1-1/2"	3"	5/8"-11 Nut	ZA20S	24,190	12	68328	924244086
2"	3"	5/8"-11 Nut	ZA20S	18,145	12	68330	924244121

PERFORMANCE STEEL / METAL TIGER AO / Long Life

Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Pack	Weiler #	Fastenal #
1-1/2"	3"	5/8"-11 Nut	A24R	24,190	12	68327	923125384
2"	3"	5/8"-11 Nut	A24R	18,145	12	68329	923125380
3"	3"	5/8"-11 Nut	A24R	12,100	12	68331	923125394



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