

CUTTING & GRINDING WHEELS

Get the most demanding jobs done right, and done fast.



800.835.9999 / weilercorp.com

UNCAGED AND READY TO ATTACK

Weiler's Cutting and Grinding wheels help Welding & 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.







LONG LIFE & FAST CUT HIGH PERFORMANCE

TIGER ZIRC / INOX / ROUGHNECK

Weiler High Performance Tiger wheels cut faster and last longer so you get maximum productivity at the lowest total cost. This line up is designed for hard core Welding & Fabrication professionals who need the best solution for the toughest jobs.

BEST ON

APPLICATIONS

Steel, Stainless Steel, Armored Steel, Structural Steel, Cast Iron and Inconel



Heavy Stock Removal, Scale Removal, Weld Removal, Weld Blending, Edge Beveling, Grinding, Notching, Cutting, Torch Cut Edge Softening, Facing



LONG LIFE PERFORMANCE LINE

TIGER

Weiler Tiger wheels deliver the right combination of performance and value. This versatile line up offers a long life solution for all your general purpose applications.

Carbon Steel, Structural Steel, Iron and general purpose metal use



Heavy Stock Removal, Scale Removal, Weld Removal, Weld Blending, Edge Beveling, Grinding, Snagging, Cutting, Torch Cut Edge Softening





FAST CUT VALUE LINE

WOLVERINE

Weiler Wolverine cutting and grinding wheels deliver a fast cut rate and consistent performance at a good value. Wolverine is an aggressive, get it done product line for every day general purpose use.

Carbon Steel, Iron and general purpose metal use



Heavy Stock Removal, Weld Removal, Weld Blending, Edge Beveling, Grinding, Cutting

All products meet ANSI B7.1-2010.

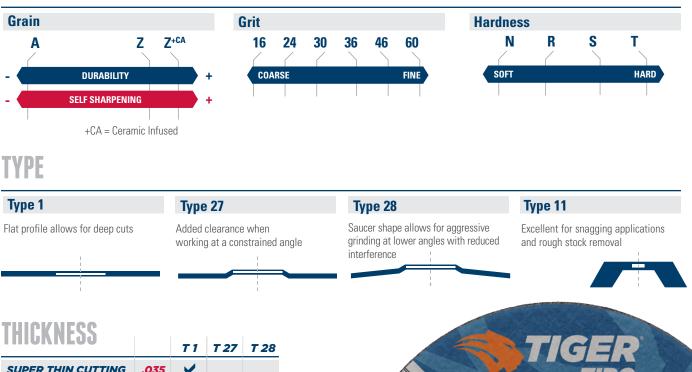
FEATURES & BENEFITS

	PERFORMANCE	PERFORMANCE	VALUE
Thin and ultra thin wheels deliver accurate, clean cuts.	✓	✓	~
Smooth outer layer on cutting wheels reduces friction which translates to an effortless cut and less kickback.	¥	~	
Self-sharpening grain retains high cutting performance throughout the life of the wheel.	~		
Strong resin bond delivers a long cutting life that keeps professionals productive.	~	~	
Ceramic Infusion in select grinding & combo wheels delivers faster grinding with less effort.	~		
Cut back provides instant aggressive grinding on new wheels.	✓	✓	
Contaminant-free INOX provides a worry free solution for stainless steel.	✓		
Roughneck Pipeline wheels are specifically designed for demanding notching applications without removing excess material.	~		
Reinforcement rings strengthen the arbor hole and provide a smooth mounting surface.	~	~	✓
Small hub on 4-1/2" wheels increase cutting area by 30%.		✓	

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.

HIGH







CUTTING WHEELS

Weiler's diverse line of cutting wheels provide a consistent, well balanced, high quality solution. From our thin 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:

- Thin and super thin cutting wheels deliver accurate, clean cuts.
- Dual reinforcement provides added strength for aggressive cutting.
- Contaminant-free INOX wheels provide a worry free solution for stainless steel applications.



• **Smooth outer layer** on performance cutting wheels reduces friction that translates to an effortless cut and less kickback during operation.

TYPE 1 E 27 FOR GRINDERS



TIGER ZIRC THIN CUTTING WHEELS / Zirconia Alumina / Fast Cut & Long Life on Metal High performance wheels leverage a self-sharping Zirconia Alumina grain that retains a high cut rate throughout the life of the wheel so you get maximum productivity on steel and stainless steel.

0		, 0					
Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number	
Туре 1							
4-1/2"	.045"	7/8"	Z60T	13,300	25	58000	
5"	.045"	7/8"	Z60T	12,200	25	58001	
6"	.045"	7/8"	Z60T	10,200	25	58002	
7"	.060"	7/8"	Z60T	8,500	25	58003	
		Туре	27 - Depressed Ce	enter			
4-1/2"	.045"	7/8"	Z60T	13,300	25	58020	
5"	.045"	7/8"	Z60T	12,200	25	58021	
6"	.045"	7/8"	Z60T	10,200	25	58022	
7"	.060"	7/8"	Z60T	8,500	25	58023	



Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
			Type 1			
4-1/2"	.045"	7/8"	INOX60S	13,300	25	58100
5"	.045"	7/8"	INOX60S	12,200	25	58101
6"	.045"	7/8"	INOX60S	10,200	25	58102
7"	.060"	7/8"	INOX60S	8,500	25	58103
		Туре	27 - Depressed Co	enter		
4-1/2"	.045"	7/8"	INOX60S	13,300	25	58110
		5/8"-11			10	58109
5"	.045"	7/8"	INOX60S	12,200	25	58111
6"	.045"	7/8"	INOX60S	10,200	25	58112
		5/8"-11			10	58113
7"	.060"	7/8"	INOX60S	8.500	25	58107







90° ر

> 90° م



"Love the 6" cutting wheels. Really well balanced. They're smooth, remarkably so."

Josh W., Welder & Fabricator, MI

TIGER THIN CUTTING WHEELS / **Premium Aluminum Oxide** / Long Life on Metal Premium Aluminum Oxide grains provide an even, sharp, clean cut and a hard bond extends life and maximizes performance. Thin and super thin wheels deliver accurate, clean cuts.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
			Type 1			
3"	.035"	5/8"	A60T	25,000	100	57001 🔶
4-1/2"	.045"	7/8"	A60T	13,300	25	57020
5"	.045"	7/8"	A60T	12,200	25	57021
6"	.045"	7/8"	A60T	10,200	25	57022
7"	.060"	7/8"	A60T	8,500	25	57023
		.	07 D			

,	.000	1,0	/ 1001	0,000	20	07020	
Type 27 - Depressed Center							
4-1/2"	.045"	7/8"	A60T	13,300	25	57041	
		5/8"-11			10	57040	
5"	.045"	7/8"	A60T	12,200	25	57043	
		5/8"-11			10	57042	
6"	.045"	7/8"	A60T	10,200	25	57045	
		5/8"-11			10	57044	
7"	.060"	7/8"	A60T	8,500	25	57046	



190°

190°



Super Thin Wheel



TIGER CUTTING WHEELS / **Premium Aluminum Oxide** / Long Life on Metal Premium Aluminum Oxide grains provide an even, sharp, clean cut and a hard bond extends life and maximizes performance.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number	
			Type 1				
3"	1/16"	3/8"	A36T	25,000	100	57060	
4-1/2"	1/16"	7/8"	A36T	13,300	25	57061	
		Туре	27 - Depressed Ce	enter			
4-1/2"	3/32"	7/8"	A36S	13.300	25	57081	
		5/8"-11			10	57080	
5"	3/32"	7/8"	A36S	12,200	25	57083	
		5/8"-11			10	57082	
9"	1/16"	7/8"	A60T	6,600	25	57047	



FOR CHOP SAWS / STATIONARY SAWS

TIGER LARGE CUTTING WHEELS / Aluminum Oxide / Long Life on Metal Premium Aluminum Oxide grains provide an even, sharp, clean cut and a hard bond extends life and maximizes performance.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
12"	3/32"	1"	A36T	5,100	25	57090
14"	1/8"	1"	A30R	4,400	10	57091*
	3/32"		A36T			57092
			A36R			57093 🔶



TYPE 1 ε 27 FOR GRINDERS



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Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Numbe
			Type 1			
2"	.035"	1/4"	A60T	30,000	100	56013 ┥
3"	.035"	1/4"	A60T	25,000	100	56061 <
		3/8"				56062 <
4"	.035"	3/8"	A60T	19,000	50	56080 ┥
		5/8"				56271 <
4-1/2"	.045"	7/8"	A60T	13,300	50	56281
5"	.035"	5/8"	A60T	12,200	100	56108 <
6"	.045"	7/8"	A60T	10,200	25	56273
	.040"					56282
7"	.045"	7/8"	A60T	8,500	25	56275
		Type	27 - Depressed Co	enter		
4-1/2"	.045"	7/8"	A60S	13,300	25	56393
5"	.045"	7/8"	A60S	12,200	100	56392
6"	.045"	7/8"	A60S	10,200	25	56283
7"	.060"	7/8"	A60S	8,500	25	56391

90° ۲

190°

WOLVERINE THIN CUTTING WHEELS / Aluminum Oxide / Fast Cutting on Metal

Fast cut rate and consistent performance at a good value for everyday, general purpose use on metal.

Super Thin Wheel

WOLVERINE CUTTING WHEELS / Aluminum Oxide / Fast Cutting on Metal

Fast cut rate and consistent performance at a good value for everyday, general purpose use on metal.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
			Type 1			
2"	1/16"	1/4"	A36T	30,000	50	56015
3"	1/16"	1/4"	A36T	25,000	100	56065
	1/16"	3/8"			100	56068
	1/16"		A60T		100	56070
	1/8"	1/4"	A36T		50	56076
4"	3/32"	5/8"	A24T	15,200	25	56474
	1/16"	3/8"	A36T		50	56086
	1/8"				50	56099
4-1/2"	1/16"	7/8"	A60T	13,300	50	56103
5"	1/16"	7/8"	A36T	12,200	100	56118
		Туре	27 - Depressed (enter		
4-1/2"	3/32"	7/8"	A24T	13,300	25	56475
		5/8"-11			10	56385
5"	3/32"	7/8"	A24T	12,200	25	56476
		5/8"-11			10	56384
6"	3/32"	7/8"	A24R	10,200	25	56277
		5/8"-11			10	56278
7"	3/32"	7/8"	A24R	8,500	25	56383
		5/8"-11			10	56477
9"	1/8"	5/8"-11	A24T	6,600	10	56423

FOR CHOP SAWS / STATIONARY SAWS



WOLVERINE LARGE CUTTING WHEELS / Aluminum Oxide / Fast Cutting on Metal Fast cut rate and consistent performance at a good value for everyday, general purpose use on metal.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
For Chop Saws						
12"	3/32"	1"	A46T	5,100	25	56239
14"	3/32"	1"	A46T	4,400	10	56240
		Fo	or Stationary Saws	5		
14"	1/8"	1"	A30R	4,400	10	56230



WOLLVERINE AATT VICE VIELLER 56476

"Cuts fast and it really holds up."

- Louis V., Pipe Fabricator, Texas

ACCESSORIES

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

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



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*
1/4", 3/8"	.035" to 1/4"	1	36512



*Combination pack

GRINDING WHEELS

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

FEATURES:

- *Ceramic Infused* grinding wheels deliver the fastest cutting with the least effort.
- **Triple Fiberglass Reinforcement** provides added strength for aggressive stock removal.
- Type 27 Grinding Wheels are *cut back* from the edge to provide instant aggressive grinding on new wheels.



Grinding on a platform for weld preparation.





TIGER ZIRC GRINDING WHEELS / **zirconia Alumina** / Ceramic Infused for Faster, Longer Grinding High performance wheels leverage a self-sharping Zirconia Alumina grain that delivers fast, consistent grinding on steel and stainless steel. All wheels are Ceramic Infused for that extra surge in performance.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
4-1/2"	1/4"	7/8"	Z24T	13,300	10	58071
		5/8"-11				58070
5"	1/4"	7/8"	Z24T	12,200	10	58073
		5/8"-11				58072
6"	1/4"	7/8"	Z24T	10,200	10	58079
		5/8"-11				58078
7"	1/4"	7/8"	Z24T	8,500	10	58075
		5/8"-11				58074
9"	1/4"	7/8"	Z24T	6,600	10	58077
		5/8"-11				58076



Р	TIGER INOX GRINDING WHEELS / White Aluminum Oxide / Contaminant-Free* for Stainless	Steel
	INOX wheels are specifically designed for high performance on STAINLESS STEEL. These wheels	0-45°
	incorporate a Contaminant-free bond that delivers a worry free solution for stainless steel applications.	

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
4-1/2"	1/4"	7/8"	INOX24R	13,300	10	58121
		5/8"-11				58120
5"	1/4"	7/8"	INOX24R	12,200	10	58123
		5/8"-11				58122
7"	1/4"	7/8"	INOX24R	8,500	10	58125
		5/8"-11				58124
9"	1/4"	7/8"	INOX24R	6,600	10	58127
		5/8"-11				58126

*Contaminant-Free, Contains ≤ .1% Fe, S, Cl



TIGER GRINDING WHEELS / Premium Aluminum Oxide / Long Grinding Life on Metal

 Weiler Tiger grinding wheels deliver the right combination of performance and value. Premium Aluminum
 0-45

 Oxide grains provide an even, sharp, clean cut and a hard bond extends life and maximizes performance.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
4-1/2"	1/4"	7/8"	A24R	13,300	10	57121
		5/8"-11				57120
5"	1/4"	7/8"	A24R	12,200	10	57123
		5/8"-11				57122
6"	1/4"	7/8"	A24R	10,200	10	57129
		5/8"-11				57128
7"	1/4"	7/8"	A24R	8,500	10	57125
		5/8"-11				57124
9"	1/4"	7/8"	A24R	6,600	10	57127
		5/8"-11				57126

V

WOLVERINE GRINDING WHEELS / Aluminum Oxide / Fast Grinding on Metal Fast grinding and consistent performance at a good value for everyday, general purpose use on metal.



1

-

90°

Item Number

57135

57134

57137

57136

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
4"	1/4"	5/8"	A24R	15,200	25	56473
4-1/2"	1/4"	7/8"	A24R	13,300	25	56464
		5/8"-11			10	56454
4-1/2"	1/4"	7/8"	A24N	13,300	25	56457
		5/8"-11			10	56455
5"	1/4"	7/8"	A24R	12,200	25	56466
		5/8"-11			10	56449
6"	1/4"	7/8"	A24R	10,200	25	56280
		5/8"-11			10	56279
7"	1/4"	7/8"	A24R	8,500	25	56467
		5/8"-11			10	56468
9"	1/4"	5/8"-11	A24R	6,600	10	56470



TYPE 28 FOR GRINDERS



TIGER ZIRC GRINDING WHEELS / **Zirconia Alumina** / Ceramic Infused for Faster, Longer Grinding High performance wheels allow for aggressive grinding at lower angles with reduced interference. All wheels leverage a self-sharping Zirconia Alumina grain and are Ceramic Infused for that extra surge in performance.

J	1 3	J			5 1	
Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
7"	1/4"	7/8"	Z24T	8,500	10	58081
		5/8"-11				58080
9"	1/4"	7/8"	Z24T	6,600	10	58083
		5/8"-11				58082

Tiger grinding wheels allow for aggressive grinding at lower angles with reduced interference. Premium Aluminum 0-45

Grade

A24R

A24R

Max. RPM

8,500

6,600

Std. Pack

10

10







OWERIN

56163

FOR GRINDERS

Diameter

7″

9'

Thickness

1/4'

1/4

WOLVERINE SNAGGING WHEELS / Aluminum Oxide / Fast Grinding on Metal Fast cut rate and consistent performance at a good value for everyday, general purpose use on metal.

TIGER GRINDING WHEELS / Premium Aluminum Oxide / Long Grinding Life on Metal

Arbor Hole

7/8"

5/8"-11

7/8″

5/8"-11

Oxide grains provide an even, sharp, clean cut and a hard bond extends life and maximizes performance.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
2"	1/4"	3/8"	A60T	30,000	25	56131
4"	1/4"	3/8"	A36T	19,000	25	56163



TIGER CUP ROCKS / Premium Aluminum Oxide / Steel Back

Premium Aluminum Oxide grains provide an even, sharp, clean cut and a hard bond extends life and maximizes performance. Steel back provides superior support.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
4"	2"	5/8"-11	A16R	9,000	10	57401
6"	2"	5/8"-11	A16R	6,000	10	57403



57403

COMBO WHEELS

Weiler's Combination Wheels offer flexibility and efficiency when switching between cutting and grinding applications. A third layer of fiberglass reinforcement provides the strength to hold up when grinding, while the type of fiberglass used maintains a fast cut.



Weld removal with Tiger combo wheel.



FOR GRINDERS

TYPE 27 -

TIGER ZIRC COMBO WHEELS / Zirconia Alumina / Fast & Long Life Combo on Metal High performance cut & grind combo wheels deliver a high grind rate AND extended life. Harder, sharper faster cutting grains provide a fast consistent performance on steel and stainless steel



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

TIGER INOX COMBO WHEELS / White Aluminum Oxide / Contaminant-Free* for Stainless Steel

Grade INOX30T

INOX30T

INOX30T

Long life cut & grind combo wheels deliver true flexibility and efficiency when switching between

Arbor Hole

7/8'

5/8"-11

7/8"

5/8"-11

7/8'





5/8"-11 *Contaminant-Free. Contains ≤ .1% Fe. S. Cl

cutting and grinding for stainless steel applications. Thickness

1/8'

1/8

1/8

Diameter

4-1/2

7"

9'





90°

J

0-45°

Item Number

58115

58114

58117

58116

58119

58118

Std. Pack

25

10

25

10

25

10

Max. RPM

13,300

8.500

6,600

Diameter Thickness **Arbor Hole** Grade Max. RPM Std. Pack **Item Number** 4-1/2 1/8' 7/8" A30S 13,300 25 57101 5/8"-11 57100 10 5' 1/8' 7/8" A30S 12.200 25 57103 5/8"-11 57102 10 6" 1/8" 7/8" A30S 10,200 25 57109 5/8"-11 10 57108 7" 1/8" 7/8" A30S 8,500 57105 25 5/8"-11 10 57104 9" 1/8" 7/8" A30S 6,600 25 57107 5/8"-11 10 57106



WOLVERINE COMBO WHEELS / Aluminum Oxide / Fast Cut & Grind Combo on Metal



Fast cut rate and consistent performance at a good value for everyday, general purpose use when switching between cutting and grinding on metals. Arbor Hole Thickness Diamotor Max DDM Grada Std Pack

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



PIPELINE WHEELS

Pipeliners have trusted Weiler's Roughneck Stringer Bead brushes and aluminum backed Tiger Flap Discs for decades. With Tiger Roughneck, Weiler delivers the performance trifecta for pipeline contractors to get the job done right, and done fast.





Max. RPM

8,500

6,600

Std. Pack

FOR PIPELINE

Diameter

9"

ROUGHNECK PIPELINER WHEELS / Zirconia Alumina / Fast Grinding & Long Life

ROUGHNECK COMBO WHEELS / Zirconia Alumina / Fast Grinding & Long Life Ceramic Infused Roughneck combo wheels are thicker than pipeliner and designed to switch between

Arbor Hole

5/8"-11

5/8"-11

cutting and grinding applications on the pipeline.

Thickness

1/8

1/8

Ceramic Infused Roughneck wheels are designed for tough root pass notching and facing applications by combining an 1/8" width for optimized material removal with the right hardness and grain mixture for high demand use on the pipeline.

Diameter	Thickness	Arbor Hole	Grade	Max. RPM	Std. Pack	Item Number
4-1/2"	1/8"	5/8"-11	Z30T	13,300	10	58059
6"	1/8"	5/8"-11	Z30T	10,200	10	58060
7"	1/8"	5/8"-11	Z30T	8,500	10	58061
9"	1/8"	5/8"-11	Z30T	6,600	10	58062

Grade

Z30T

Z30T



<u>רן ליי</u>

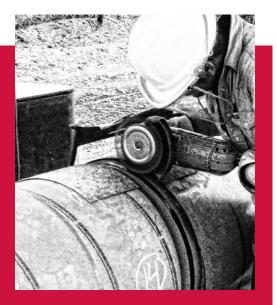
Item Number

58065

58063







For the full offering of Weiler products, please refer to our Welding & Fabrication Catalog or visit our website. To discuss specific requirements with a product specialist, call our Applications Hotline at 888.299.2777.

Weiler Abrasives Group One Weiler Drive Cresco, PA 18326 USA



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