

METAL FABRICATION





WHY WEILER

If you think Weiler is an old fashioned wire brush manufacturing company, you'd be dead wrong. Today Weiler Abrasives is a global manufacturer of surface conditioning solutions with customers in over 80 countries and over 1,200 employees around the world.

Headquartered in the beautiful Pocono Mountains of Pennsylvania, we are proud of the fact that we have built a **progressive, innovative, and high growth** company headquartered right here in the USA. Our world-class products are designed and built by Weiler co-workers who embrace our commitment to customers, the community, and one another.

Weiler Abrasives Group's **heritage dates to 1879**. Today, the tradition of excellence continues under the leadership of the fourth generation, Chris Weiler, President/CEO. Having grown from a power brush manufacturer to a global surface conditioning problem-solver, Weiler Abrasives' mission is to partner with our customers and business partners to ensure their businesses stay productive and profitable. Our people, products, and our strong desire to win deliver a competitive edge that creates growth.



WORK FASTER:

Before, during and after the weld, Weiler products are **designed to provide superior performance through maximum aggression and long life**. That means you get your work done faster and more efficiently. Our extensive and knowledgeable field sales team works alongside your team to make sure you have the right product to get the job done right – and done fast.



See how Weiler gives you a competitive edge.
youtube.com/c/WeilerAbrasivesGroup

WORK SAFER:

Weiler products are designed and manufactured to the strictest standards to ensure the highest level of quality and safety. But safety doesn't stop there; raising awareness of basic safety practices and thinking about safety before the job starts – and after the job is complete – can help curb accidents and injuries in the shop. That's why Weiler offers customers a Safety Training Program based on the SPOT (Speed & Size, Pressure, Orientation, Time) methodology to help promote safe and proper product usage.

Deploying our **SPOT Safety Training Program** in your facility helps improve safety, regardless of your application or work environment.



WORK BETTER:

We partner with you to improve your productivity and drive cost out of your business. Our experts will evaluate and **quantify your consumable spend** and labor productivity. Our analysis provides hard data as to how product is used, how long it lasts and how productive it is, enabling our team to make recommendations to improve your operation.

In addition to our field sales support, Weiler provides world-class Customer Service (800-835-9999) and Application Assistance (888-299-2777).

If you have a problem that can be solved, we will solve it.

A recent study generated
\$70,000
in annual savings.

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES



INDUSTRIAL PRODUCTION



MRO

Weiler Abrasives works in various industrial settings across the globe to solve tough challenges, enabling businesses like yours to get more done, more efficiently.

General Fabrication

Transportation

Pipeline Construction

Ship Building

Power Generation

Building & Construction

Aerospace

Automotive

Foundry

Gear

Primary Metals

Facility Maintenance

Manufacturing



METAL FABRICATION



BEFORE, DURING, AND AFTER THE WELD, WE HAVE YOU COVERED

BONDED ABRASIVES

Weiler's line of bonded abrasives deliver consistency and performance to Metal Fabrication professionals. This high quality line includes cutting, grinding and combination wheels that are available in performance tiers, offering a choice between long life, fast cut, or both.

We have expanded our line of **Chop, High Speed, Stationary Cutting Wheels** for metal fabrication. The expansion offers more options in size and performance, including specialty wheels for stud cutting and rail cutting applications.

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COATED ABRASIVES

From the company that brought flap discs to the US, Weiler coated abrasive products continue to set the standard. Our Premium Tiger flap discs are engineered to conquer any material or application.

Our new **Tiger Aluminum Flap Discs** offer a paired flap design that delivers high performance grinding on aluminum. The top flaps are coated to eliminate loading and allow the disc to maintain a high cut-rate, while the alternating flaps aggressively remove material with self-sharpening zirconia aluminum grains.

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WIRE BRUSHES

Superior construction, the highest quality materials, state of the art manufacturing, and exacting quality standards deliver the most consistent brush performance. Each Weiler brush is designed to provide the best performance at the lowest cost-of-use.

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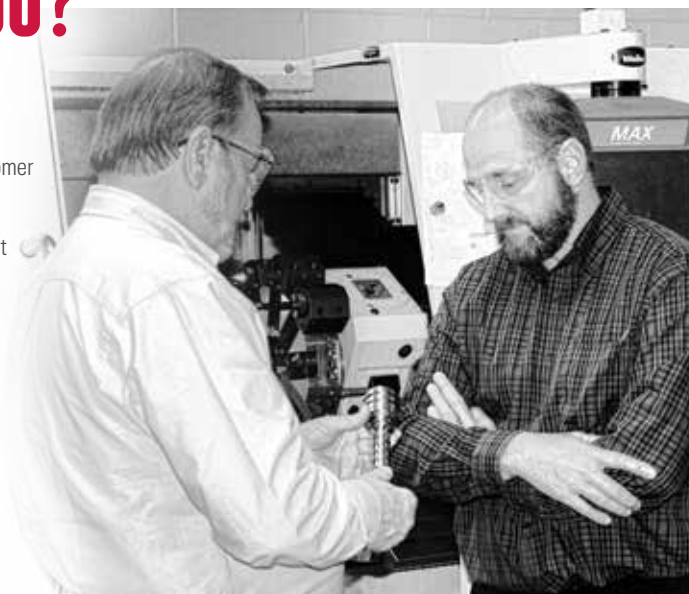
HOW CAN WE HELP YOU?

CONTACT US TODAY!

To place an order or locate a distributor in your area, contact our Customer Experience Team at 800-835-9999 or orders@weilerabrasives.com.

For more information and to schedule a consultation with a WPS expert visit: www.weilerabrasives.com/wps. To discuss specific requirements with a specialist call: 800-835.9999.

LEARN MORE:
WEILERABRASIVES.COM



SAFETY INFORMATION

All of Weiler's products are made to the strictest quality standards and specifications and are designed to provide superior work performance and safe operation when used properly.

WARNING: Failure to observe safety precautions may result in injury.

Many manufacturers mark some safety warnings, recommendations and usage restrictions directly on the product. However, it is not always practical to include even the most limited safety information on the product itself. Therefore, the operator **MUST READ** and **FOLLOW** all instructions supplied in or on the product container as well as those marked on the product.

SAFETY STANDARDS - ESTABLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE

Weiler power brushes and abrasives conform to the ANSI standards listed below. All operators of power brushes and abrasives must comply with these safety standards.

- ANSI B165.1 "Power Tools - Power Driven Brushing Tools - Safety Requirements for Design, Care and Use"
- ANSI B7.1 "Safety Requirements - For the Use, Care and Protection of Abrasive Wheels"

AVAILABILITY OF ANSI STANDARDS

Based on the collective experience of the American Brush Manufacturers Association Industrial Division members (ANSI B165.1) and the United Abrasives Manufacturers Association's Bonded Division (ANSI B7.1), both ANSI Standards are referenced and provided solely as a public service for the guidance of the users of the members' products. All Brush and Abrasive recommendations are not necessarily complete with respect to any particular application and common sense safety considerations should generally be followed. Any applicable federal, state, local law or regulation must be strictly adhered to and is controlling over any recommendation contained herein.

TOOL/WORK REST

On bench grinders, tool/work rests should be used to support the work-piece during use. It should have a maximum opening of 1/8" to the product face. Only adjust the rest when the product is not in motion.



Read Instructions



Safety Goggles



Face Shield



Protective Clothing



Hearing Protection



Gloves



Respiratory Protection

SAFETY TRAINING

Weiler products are designed and manufactured to the strictest standards to ensure the highest level of quality and safety. But safety doesn't stop there; raising awareness of basic safety practices and thinking about safety before the job starts — and after the job is complete — can help curb accidents and injuries in the shop. That's why Weiler offers customers a Safety Training Program based on the SPOT (Speed & Size, Pressure, Orientation, Time) methodology to help promote safe and proper product usage.

Deploying our **SPOT SAFETY TRAINING PROGRAM** in your facility helps improve safety, regardless of your application or work environment.

For more information contact your Weiler representative to request S.P.O.T. Training at your facility.

**THINK
SPOT.**
WHEN USING ABRASIVES & BRUSHES



BONDED ABRASIVES

CUTTING WHEELS | GRINDING WHEELS | COMBO WHEELS | PIPELINE WHEELS

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>P MAX PERFORMANCE SUPERIOR LIFE & CUT</p>	<p>CUT RATE: ●●●●● LIFE: ●●●●●</p>	<p>TIGER® CERAMIC Self-sharpening and cool – grinds at lower temperatures with less friction and less effort, reducing heat discoloration of the work piece.</p>	<p>GRAIN TYPE Ceramic alumina</p> <p>CONTAMINANT FREE CONTAIN LESS THAN 0.1% IRON, SULFUR & CHLORINE</p>	<p>BEST ON STEEL / METAL STAINLESS HARD-TO-GRIND Hard-to-Grind metals include tool steel, inconel, high nickel alloy, titanium and armored steel</p>
	<p>TIGER® PIPELINE Designed for bead and angle grinding applications on the pipeline.</p>	<p>GRAIN TYPE Zirconia alumina + ceramic alumina infusion</p>	<p>BEST ON PIPELINE</p>	
<p>P HIGH PERFORMANCE FAST CUT & LONG LIFE</p>	<p>CUT RATE: ●●●●○ LIFE: ●●●●●</p>	<p>TIGER ZIRC Self-sharpening grains retain a high cut rate throughout the life of the wheel for exceptional performance.</p>	<p>GRAIN TYPE Cutting/Combo: Zirconia alumina Grinding/Pipeline: Zirconia alumina + ceramic alumina infusion</p>	<p>BEST ON STEEL / METAL includes structural steel and cast iron</p>
	<p>TIGER INOX Tiger INOX wheels deliver a worry-free solution for stainless steel applications.</p>	<p>GRAIN TYPE White aluminum oxide</p> <p>INOX CONTAMINANT FREE CONTAIN LESS THAN 0.1% IRON, SULFUR & CHLORINE</p>	<p>BEST ON STAINLESS and harder grade steel</p>	
	<p>TIGER ALUMINUM Weiler's non-loading formula delivers a fast and consistent cut rate on aluminum and soft alloys.</p>	<p>GRAIN TYPE Silicon carbide / aluminum oxide blend</p> <p>CONTAMINANT FREE CONTAIN LESS THAN 0.1% IRON, SULFUR & CHLORINE</p>	<p>BEST ON ALUMINUM</p>	
<p>P PERFORMANCE LONG LIFE</p>	<p>CUT RATE: ●●●●○ LIFE: ●●●●●</p>	<p>TIGER AO Tiger wheels provide an even, sharp, clean cut and a hard bond extends wheel life.</p>	<p>GRAIN TYPE Aluminum oxide</p>	<p>BEST ON STEEL / METAL</p>
	<p>V VALUE FAST CUT</p>	<p>WOLVERINE® Fast cut rate and consistent performance at a good value.</p>	<p>GRAIN TYPE Aluminum oxide</p>	<p>BEST ON STEEL / METAL</p>

Key:

P PERFORMANCE LINE Industrial Grade **V** VALUE LINE Professional Grade

Refer to ANSI B7.1 for storage & handling details

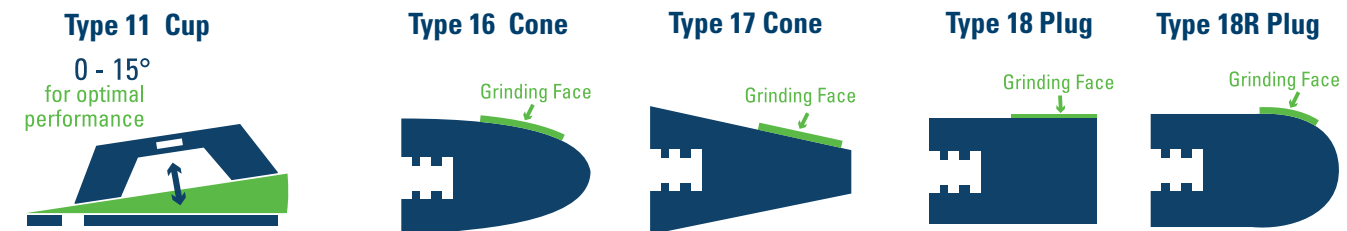
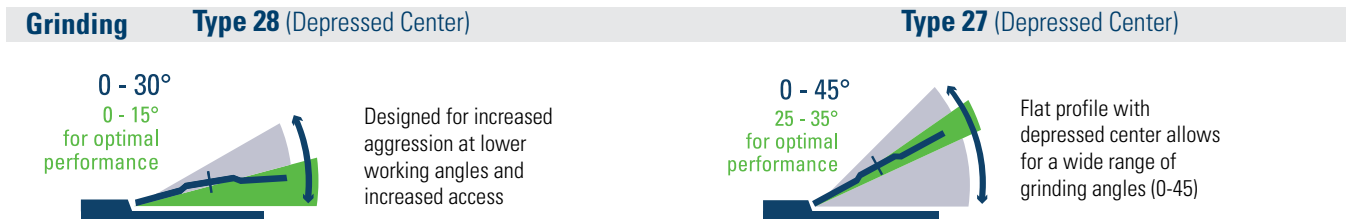
All products meet ANSI B7.1

PRODUCT FEATURES

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

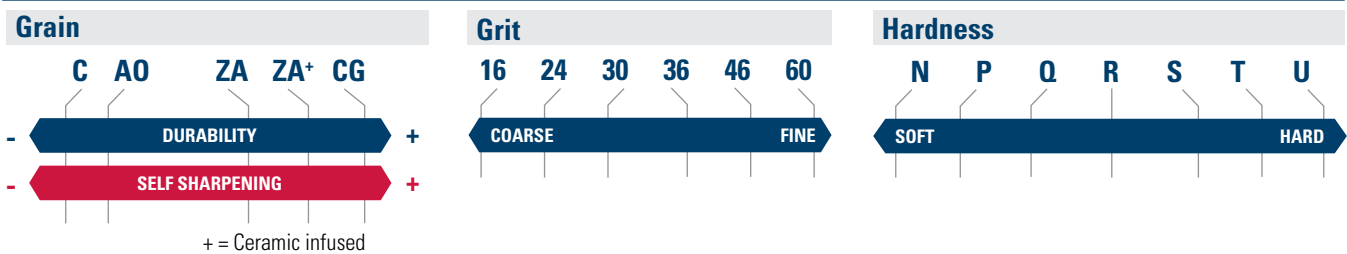


TYPE Selecting the best wheel type for your application increases wheel effectiveness and user productivity.













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.



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	

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

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:

- **UltraCut 1mm** cutting wheels deliver lightning fast, super smooth, clean cuts on sheet metal, tubes, profiles, and small cross-section rods.
- **Smooth outer layer** on performance cutting wheels reduces friction that translates to an effortless cut and less kickback during operation.



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 FOR GRINDERS

P MAX PERFORMANCE CUTTING

STEEL / METAL
STAINLESS
HARD-TO-CUT

TIGER® CERAMIC
Superior Life & Cut
Contaminant-free*

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	8,500	25	58303	25	58311	10	58312



58300

P HIGH PERFORMANCE CUTTING

STEEL / METAL

TIGER ZIRC / Fast Cut & Long Life

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"	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



58000

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	—	—



58110

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



58206

P PERFORMANCE CUTTING

STEEL / METAL

TIGER AO / Long Life

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"	A60T	13,300	25	57020	25	57041	10	57040
	1/16"	A36T		—	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



57040

* Non-stock product, contact Customer Service for lead times and minimum order quantities.

V CUTTING

STEEL / METAL

WOLVERINE AO / Fast Cutting

TYPE 1
5/8" Arbor

TYPE 27
5/8" Arbor

Dia.	Thickness	Grade	Max. RPM	Pack	Item #	Pack	Item #
4"	.035"	A60T	19,000	25	56271	—	—
	3/32"	A24T	15,200	—	—	25	56474
5"	.035"	A60T	12,200	25	56108	—	—



56474

V CUTTING

STEEL / METAL

WOLVERINE® AO / Fast Cutting

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"	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	8,500	25	56275	—	—	—	—
	.060"	A60S		—	—	25	56391	—	—
	3/32"	A24R		—	—	25	56383	10	56477



56103

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

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

TYPE 1 CUTTING WHEELS FOR DIE GRINDERS



58348



58011



57070



56128

P MAX PERFORMANCE CUTTING

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	
				Pack	Item #	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	
				Pack	Item #	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	
				Pack	Item #	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	57065	100	57001
	1/16"	A36T			57066		57060
	1/8"	A36T			57068		57063
4"	.035"	A60T	19,000	25	57075	25	57070
	1/16"	A36T			57076		57071
	1/8"	A36T			57077		57072

V VALUE CUTTING

STEEL / METAL WOLVERINE® AO / Fast Cut

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

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	
				Pack	Item #	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	
				Pack	Item #
2"	1/4"	A60T	30,000	40	56131
3"	1/4"	A24T	25,000	40	56064
4"	1/4"	A36T	15,300	40	56163

P PERFORMANCE SNAGGING

STEEL / METAL TIGER AO / Long Life

Dia.	Thickness	Grade	Max. RPM	TYPE 27 3/8" Arbor	
				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

TYPE 1

◆ 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

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

TYPE 1

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	57094
14"	1/8"	1"	A30T	Triple Reinforcement For + Support	5,500	10	57034
14"	1/8"	20 mm	A30T	Triple Reinforcement For + Support	5,500	10	57035

TYPE 1

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

TYPE 1

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

TYPE 1



STUD CUTTING

57085



HIGH PERFORMANCE

57086



RAIL CUTTING

58028



TRIPLE REINFORCEMENT FOR + SUPPORT

57034

GRINDING WHEELS 0 - 45°



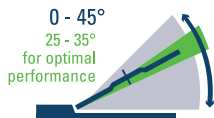
Grinding on a platform for weld preparation.

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 on new wheels.
- Type 28 grinding wheels are designed for increased aggression at **lower working angles** and increased access to the work piece.

TYPE 27 FOR GRINDERS



58326



58079



58120



58225



57120

P MAX PERFORMANCE GRINDING

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	8,500	—	—	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*

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*

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 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	15,300	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

Key:

P PERFORMANCE LINE Industrial Grade **V** VALUE LINE Professional Grade

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

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



V GRINDING

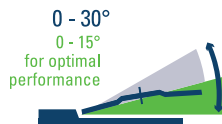
STEEL / METAL WOLVERINE [®] AO / Fast Cutting				TYPE 27 5/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8" Arbor	
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4"	1/4"	A24R	15,200	25	56473	—	—	—	—
4-1/2"	1/4"	A24R	13,300	—	—	25	56464	10	56454
4-1/2"	1/4"	A24N	13,300	—	—	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

WHY WEILER

TYPE 28 FOR GRINDERS



P HIGH PERFORMANCE GRINDING

STEEL / METAL TIGER [®] ZIRC / Ceramic-infused				TYPE 28 7/8" Arbor		TYPE 28 5/8"-11 Hub			
Fast Cut & Long Life									
Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
7"	1/4"	Z24T	8,500	10	58081	10	58080	10	58080
9"	1/4"	Z24T	6,600	10	58083	10	58082	10	58082



58081

P PERFORMANCE GRINDING

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



57134

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

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

BRUSHES

COMBO WHEELS



Weld removal with Tiger combo wheel.

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

P

MAX PERFORMANCE CUT / GRIND COMBO

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

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Diameter	Thickness	Grade	Max. RPM	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



58315

P

HIGH PERFORMANCE CUT / GRIND COMBO

STEEL / METAL TIGER ZIRC / Fast Cut & Long Life

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Diameter	Thickness	Grade	Max. RPM	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*

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*

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



58054



58114



58215

P

PERFORMANCE CUT / GRIND COMBO

STEEL / METAL TIGER AO / Long Life

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Diameter	Thickness	Grade	Max. RPM	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



57100

V

CUT / GRIND COMBO

STEEL / METAL WOLVERINE® AO / Fast Cutting

TYPE 27
7/8" Arbor

TYPE 27
5/8" Arbor

Diameter	Thickness	Grade	Max. RPM	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
9"	1/8"	A24T	6,600	25	56424	10	56423



56425

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

TYPE 27 FOR PIPELINE

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

NEW: 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.

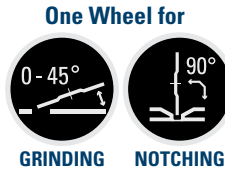
FEATURES & BENEFITS:

Do NOT Chip

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

Reduced Chatter

Superior Cut & Life



NEW



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 Arbor

TYPE 27 FOR MECHANIZED PIPE WELDING

NEW: 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



NEW



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 Arbor

+ Specific size for mechanized pipe welds

**RISE 'N
GRIND™**



CUPS, CONES & PLUGS



Type 11 Cup Rock for snagging and heavy stock removal.

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.

TYPE 11 FOR GRINDERS

AVAILABLE MAY 2021

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

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



68356



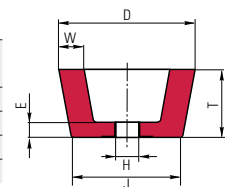
73054

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



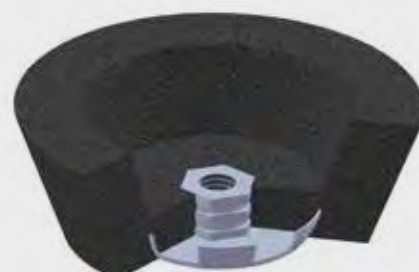
CUP WHEEL MOUNTING FLANGE - Fits over 5/8"-11 spindles

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

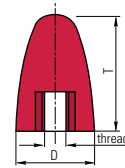
NEW! TYPE 16 CONES

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



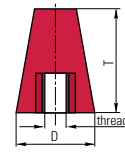
NEW! TYPE 17 CONES

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



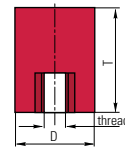
NEW! TYPE 18 PLUGS

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



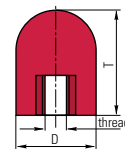
NEW! TYPE 18R PLUGS

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



WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES



Industrial Performance in a Quick-Change X-LOCK Arbor

Weiler's line of Tiger abrasives are now available with an X-LOCK quick connection for Bosch grinders. Available in 4-1/2" sizes, this select offering of cutting wheels, grinding wheels, and flap discs deliver the performance needed in the most demanding metal fabrication applications.



XLOCK	✓
M14 / Ø 22,23	✓



58340

MAX PERFORMANCE CUTTING

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

TYPE 1
X-LOCK Arbor

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #
4-1/2"	.045"	CER60S	13,300	25	58340



58040

HIGH PERFORMANCE CUTTING

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

TYPE 1
X-LOCK Arbor

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #
4-1/2"	.045"	Z60T	13,300	25	58040



58140

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

4-1/2"	.045"	INOX60S	13,300	25	58140
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57140

PERFORMANCE CUTTING

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

TYPE 1
X-LOCK Arbor

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #
4-1/2"	.045"	A60T	13,300	25	57140



57145

PERFORMANCE GRINDING

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

TYPE 27
X-LOCK Arbor

Dia.	Thickness	Grade	Max. RPM	Std. Pack	Item #
4-1/2"	1/4"	A24R	13,300	10	57145



50197

MAX PERFORMANCE / TIGER® CERAMIC

Top coated for cool grinding / Ceramic Alumina
 Phenolic Backing / **Contaminant-free***

STEEL / METAL **STAINLESS** **HARD-TO-GROUND** **ALUMINUM**

TYPE 29
X-LOCK Arbor

Diameter	Grit Size	Maximum RPM	Standard Pack	Item Number
4-1/2"	40	13,000	10	50196
	60			50197



51245

PERFORMANCE / TIGER® PAW

Aggressive stock removal for edge grinding / 100% Zirconia Alumina
 Phenolic Backing / **Contaminant-free***

STEEL / METAL **STAINLESS**

TYPE 29
X-LOCK Arbor

Diameter	Grit Size	Maximum RPM	Standard Pack	Item Number
4-1/2"	40	13,000	10	51245
	60			51246

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

COATED ABRASIVES






FLAP DISCS | FLAP WHEELS | RESIN FIBER DISCS | AL-TRA CUT™ DISCS | BLENDING DISCS

SELECTING THE RIGHT FLAP DISC

Weiler's abrasive flap discs grind and finish in one step, saving you time and money. There's no switching from a type 27 grinding wheel to a resin fiber disc.



P MAX PERFORMANCE	TIGER® CERAMIC <ul style="list-style-type: none"> • TOP COAT for cool grinding • Protects from heat discoloration • Prevents loading on soft alloys 	GRAIN TYPE Ceramic alumina CONTAMINANT FREE CONTAIN LESS THAN 0.1% IRON, SULFUR & CHLORINE	STYLES  	BEST ON STEEL / METAL ALUMINUM STAINLESS HARD-TO-GRIND (Hard-to-grind metals include tool steel, inconel, high nickel alloy, titanium and armored steel)
P HIGH PERFORMANCE	TIGER X <ul style="list-style-type: none"> • FLAT SURFACE GRINDING • Less effort required • Fast grinding & long life 	GRAIN TYPE Ceramic & zirconia alumina CONTAMINANT FREE CONTAIN LESS THAN 0.1% IRON, SULFUR & CHLORINE	STYLES    *Big Cat	BEST ON STEEL / METAL STAINLESS (Metal includes structural steel and cast iron)
P PERFORMANCE	TIGER PAW™ <ul style="list-style-type: none"> • SUPERIOR EDGE GRINDING • Aggressive stock removal 	GRAIN TYPE 100% zirconia alumina CONTAMINANT FREE CONTAIN LESS THAN 0.1% IRON, SULFUR & CHLORINE	STYLES   	BEST ON STEEL / METAL STAINLESS (Metal includes structural steel and cast iron)
V VALUE	WOLVERINE® <ul style="list-style-type: none"> • Fast stock removal • Consistent performance 	GRAIN TYPE Zirconia alumina	STYLES   	BEST ON STEEL / METAL

*Big Cat is a zirconia alumina flap disc and does not contain any ceramic alumina.

SPECIALTY FLAP DISCS

			
	MAX PERFORMANCE	HIGH PERFORMANCE	PERFORMANCE
ANGLED (Fillet Welds)			
TRIMMABLE (Non-Marking)			
ALUMINUM BACK (Rigid Support)			
ALUMINUM (Non-Loading)			
MINI (Tight Spaces)			 (Bobcat)

Refer to ANSI B7.1 for storage & handling details

KEY:  PERFORMANCE LINE  VALUE LINE

All products meet ANSI B7.1

STYLE



CONICAL (Type 29)
15° – 35°



Angled flaps maximize surface contact for aggressive stock removal on flat surfaces.



FLAT (Type 27)
0° – 15°



Smooth grinding, blending and finishing on flat surfaces and slight contours.



HIGH DENSITY (Type 27)
0° – 15°



Conformable to irregular surfaces. Smooth grinding, blending and finishing on flat surfaces.

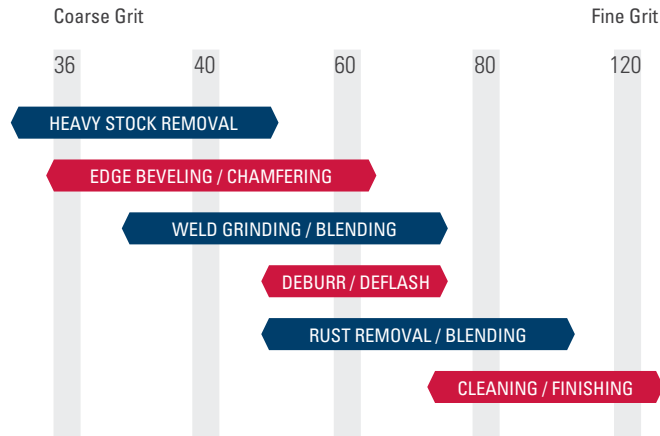


ANGLED (Type 27 / Hybrid)
0° – 35°



Curved flaps for grinding fillet welds, T-joints and hard-to-reach areas.

GRIT



GRAIN



CERAMIC ALUMINA (CA)

- Self-sharpening micro fracturing crystals expose sharp edges
- Maintains a high cut-rate for the life of the grain
- Longest cutting life under moderate to high pressure
- Exceptional performance on hard-to-grind metals



ZIRCONIA ALUMINA (ZA)

- Self-sharpening crystals
- Holds up under high temperatures and extreme pressure
- Sharp, fast cutting, long lasting grain



ALUMINUM OXIDE (AO)

- Single crystal that dulls during use
- Good initial cut rate
- Hard, durable grain

BACKING

PHENOLIC



Prevents backing from scratching the workpiece.

ALUMINUM



Rigid support for maximum aggression; recyclable.

COMPOSITE*



Trimnable, non-marking backing; allows access to hard-to-reach areas.

*BobCat™ Discs are not Trimnable.

ARBOR

5/8" - 11 NUT

- Quick change over
- Eliminates cross-threading experienced with plastic backs
- Metal nut eliminates the disc from sticking to the grinder due to heat build up



OPEN ARBOR

- Requires adapting nuts
- 5/8" option for 4" grinders
- 7/8" option for 4-1/2" and larger grinders



MOUNTING DISCS WITH OPEN ARBORS



- Adapting Nut
- Abrasive Flap Disc
- Adapting Nut
- Right Angle Grinder

MANDRELS & METAL HUB PADS

- For quick-change on tools with 1/4" collets



- Type R hub pad + mandrel
- Type S hub pad + mandrel
- Type S mandrel

STANDARD DENSITY FLAP DISCS



MADE IN
USA
WITH GLOBAL
MATERIALS



Weiler's Tiger discs are engineered to maximize productivity and minimize operating costs for professionals who demand more. Get the right flap disc for your application and **get more done with Tiger.**



Grinding & blending a weld between two Steel plates.

P MAX PERFORMANCE / TIGER® CERAMIC (SABER TOOTH)

Top Coated for Cool Grinding / Ceramic Alumina / Phenolic Back / **Contaminant-free***



50106

STEEL / METAL	STAINLESS	HARD-TO-GRIND	ALUMINUM	TYPE 29	
				7/8" Arbor	5/8"-11 Hub
Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	36	13,000	10	50100	50104*
	40			50101	50105*
	60			50102	50106*
	80			50103	50107*
5"	40	12,000	10	50538 •	—
	60			50539 •	—
	80			50540 •	—
7"	36	8,600	10	50108	50112*
	40			50109	50113*
	60			50110	50114*
	80			50111	50115*

P HIGH PERFORMANCE / TIGER X

Fast Grinding & Long Life on Flat Surfaces / Ceramic & Zirconia Alumina / Phenolic Back / **Contaminant-free***



51205

STEEL / METAL	STAINLESS	TYPE 29		TYPE 29		TYPE 27	
		7/8" Arbor	5/8"-11 Hub	7/8" Arbor	5/8"-11 Hub		
Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #	Item #	Item #
4-1/2"	36	13,000	10	51200	51204*	—	—
	40			51201	51205*	51223	51226*
	60			51202	51206*	51224	51227*
	80			51203	51207*	51225	51228*
5"	36	12,000	10	51208	—	—	—
	40			51209	51212*	—	—
	60			51210	51213*	—	—
	80			51211	51214*	—	—
6"	40	10,200	10	51237	51241*	—	—
	60			51238	51242*	—	—
	80			51239 •	51243 •	—	—
	—			—	—	—	
7"	36	8,600	10	51215	51219*	—	—
	40			51216	51220*	51229	51232*
	60			51217	51221*	51230	51233*
	80			51218	51222*	51231	51234*

P PERFORMANCE / ORIGINAL TIGER

High cut rate & long life / Zirconia Alumina / Phenolic Back / **Contaminant-free***



50601

STEEL / METAL	STAINLESS	TYPE 29		TYPE 29		TYPE 29		TYPE 27	
		5/8" Arbor	7/8" Arbor	5/8"-11 Hub	5/8" Arbor	7/8" Arbor	5/8"-11 Hub		
Dia.	Grit	Max. RPM	Std. Pack	Item #	Item #	Item #	Item #	Item #	Item #
4"	36	15,000	10	50592	—	—	—	—	—
	40			50593	—	—	50693	—	—
	60			50594	—	—	50694	—	—
	80			50595	—	—	50695	—	—
4-1/2"	24	13,000	10	—	50601	—	—	—	—
	120			—	50606	—	—	50706	50699*
5"	40	12,000	10	—	—	—	—	50713	—
	60			—	—	—	—	50714	—
	80			—	—	—	—	50715	—
	120			—	50616	—	—	—	—
6"	40	10,200	10	—	50649	50659	—	—	—
	60			—	50650	50660	—	—	—
	80			—	50651	50661	—	—	—
7"	120	8,600	10	—	—	—	—	—	50746* •

• Non-stock product, contact Customer Service for lead times and minimum order quantities.

P

PERFORMANCE / TIGER PAW™

Aggressive Stock Removal for Edge Grinding / 100% Zirconia Alumina / Phenolic Back / **Contaminant-free***

Dia.	Grit	Max. RPM	Std. Pack	TYPE 29		TYPE 29		TYPE 27		TYPE 27	
				5/8" Arbor	7/8" Arbor	5/8"-11 Hub	5/8" Arbor	7/8" Arbor	5/8"-11 Hub		
STEEL / METAL		STAINLESS		Item #	Item #	Item #	Item #	Item #	Item #	Item #	
4"	40	15,000	10	51104	—	—	51101	—	—	—	
	60			51105	—	—	51102	—	—	—	
4-1/2"	36	13,000	10	—	51118	51123*	—	51107	51112*	—	
	40			—	51119	51124*	—	51108	51113*	—	
	60			—	51120	51125*	—	51109	51114*	—	
	80			—	51121	51126*	—	51110	51115*	—	
5"	36	12,000	10	—	51128	51153*	—	51182	51155*	—	
	40			—	51129	51132*	—	51134	51156*	—	
	60			—	51130	51133*	—	51135	51157*	—	
	80			—	51131	51154*	—	51183	51158*	—	
6"	40	10,200	10	—	51175	51179*	—	—	—	—	
	60			—	51176	51180*	—	—	—	—	
	80			—	51177 •	51181* •	—	—	—	—	
	—			—	—	—	—	—	—	—	
7"	36	8,600	10	—	—	51149*	—	—	51139*	—	
	40			—	51145	51146*	—	51137	51140*	—	
	60			—	51150	51147*	—	51138	51142*	—	
	80			—	—	51148*	—	—	51143*	—	



51126

51140

BONDED ABRASIVES

V

WOLVERINE®

Consistent Performance / Zirconia Alumina / Phenolic Back

Dia.	Grit	Max. RPM	Std. Pack	TYPE 29		TYPE 29		TYPE 27		TYPE 27	
				5/8" Arbor	7/8" Arbor	5/8"-11 Hub	7/8" Arbor	5/8"-11 Hub	5/8"-11 Hub		
STEEL / METAL				Item #	Item #	Item #	Item #	Item #	Item #	Item #	
4"	36	15,000	10	31337	—	—	—	—	—	—	
	40			31338	—	—	—	—	—	—	
	60			31339	—	—	—	—	—	—	
	80			31340	—	—	—	—	—	—	
4-1/2"	36	13,000	10	—	31343	31349*	31401	31407*	—	—	
	40			—	31344	31350*	31402	31408*	—	—	
	60			—	31345	31351*	31403	31409*	—	—	
	80			—	31346	31352*	31404	31410*	—	—	
	120			—	31347	31353*	—	—	—	—	
5"	36	12,000	10	—	31355	—	—	—	—	—	
	40			—	31356	—	—	—	—	—	
	60			—	31357	—	—	—	—	—	
	80			—	31358	—	—	—	—	—	
6"	40	10,200	10	—	31447 •	31451* •	—	—	—	—	
	60			—	31448 •	31452* •	—	—	—	—	
	80			—	31449 •	31453* •	—	—	—	—	
	—			—	—	—	—	—	—	—	
7"	36	8,600	10	—	31361	31367*	—	31419*	—	—	
	40			—	31362	31368*	31414	31420*	—	—	
	60			—	31363	31369*	31415	31421*	—	—	
	80			—	31364	31370*	—	31422*	—	—	



31338

31343

COATED ABRASIVES

BRUSHES

Key:



PERFORMANCE LINE Industrial Grade



VALUE LINE Professional Grade

• Non-stock product, contact Customer Service for lead times and minimum order quantities.

*Patent # 6,945,863 B1

HIGH DENSITY FLAP DISCS



Blending and finishing a weld with a Big Cat flap disc.

High density flap discs last up to 40% longer than standard density. They are ideal for grinding and blending uneven or irregular surfaces.



INDUSTRY-LEADING FOOTPRINT

30mm flaps on Big Cat and Tiger Paw increases surface area grinding

MADE IN USA
WITH GLOBAL MATERIALS



50134



50804



51165



31388

P MAX PERFORMANCE / TIGER® CERAMIC HD (SABER TOOTH)

Top Coated for Cool Grinding on Irregular Surfaces / Ceramic Alumina / Phenolic Back
Contaminant-free*

STEEL / METAL STAINLESS HARD-TO-GRIND ALUMINUM

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	40	12,000	10	50130	50133*
	60			50131	50134*
	80			50132	50135*
7"	40	8,600	10	50136	50139*
	60			50137	50140*
	80			50138	50141*

P HIGH PERFORMANCE / TIGER BIG CAT® HD

Fast Grinding & Long Life on Irregular Surfaces / Zirconia Alumina / Phenolic Back
Contaminant-free*

STEEL / METAL STAINLESS

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	40	12,000	10	50803	50808*
	60			50804	50809*
	80			50805	50810*
	120			50806	—
7"	40	8,600	10	50823	50843*
	60			50824	50844*
	80			50825	50845*
	120			—	50846*

P PERFORMANCE / TIGER PAW™ HD

Aggressive Stock Removal on Irregular Surfaces
100% Zirconia Alumina / Phenolic Back
Contaminant-free*

STEEL / METAL STAINLESS

TYPE 29
7/8" Arbor

TYPE 29
5/8"-11 Hub

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #	Item #	Item #
4-1/2"	36	12,000	10	51060 •	51064* •	51160	51164*
	40			51061	51065*	51161	51165*
	60			51062 •	51066* •	51162	51166*
	80			51063 •	51067* •	51163	51167*
	—			—	—	—	
5"	40	12,000	10	—	—	51195 •	—
	60			—	—	51196 •	—
	80			—	—	51197 •	—
6"	40	10,200	10	—	—	51199 •	51187 •
	60			—	—	51184 •	51188 •
	80			—	—	51185 •	51189 •
7"	40	8,600	10	—	—	51170	51168*
	60			—	—	51171	51169*

V WOLVERINE® HD

Consistent Performance on Irregular Surfaces / Zirconia Alumina / Phenolic Back

STEEL / METAL

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	40	12,000	10	31387	31390*
	60			31388	31391*
	80			31389	31392*
6"	40	10,200	10	31439 •	31443* •
	60			31440 •	31444* •
	80			31441 •	31445* •

* Non-stock product, contact Customer Service for lead times and minimum order quantities.

* Patent # 6,945,863 B1

SPECIALTY FLAP DISCS



ALUMINUM BACK

Aluminum backed flap discs are ideal for demanding applications that require extra strength and rigid support. The aluminum backing plate is also 100% recyclable.

MADE IN USA
WITH GLOBAL MATERIALS



Blending fillet welds to ensure proper penetration prior to inspection.

P HIGH PERFORMANCE / TIGER® ALUMINUM BACK

Fast Grinding & Long Life / Zirconia Alumina / Backing Plate Provides Rigid Support / **Contaminant-free***

STEEL / METAL	STAINLESS	Max. RPM	Std. Pack	TYPE 29	TYPE 29	TYPE 29
				5/8" Arbor	7/8" Arbor	5/8"-11 Hub
Diameter	Grit			Item #	Item #	Item #
4"	36	15,000	10	50502	-	-
	40			50503	-	-
	60			50504	-	-
	80			50505	-	-
	120			50506	-	-
4-1/2"	24	13,000	10	-	50511	50510
	36			50512	50517	
	40			50513	50518	
	60			50514	50519	
	80			50515	50520	
5"	36	12,000	10	-	50522	-
	40			50523	-	
	60			50524	-	
	80			50525	-	
	120			50526	-	
7"	24	8,600	10	-	-	50541
	36			50532	50542	
	40			50533	50543	
	60			50534	50544	
	80			-	50545	
120	-	50546				



50519



50517



50543

FOR ALUMINUM

NEW!

Tiger Aluminum flap discs offer an innovative paired flap design that delivers high performance grinding on aluminum. The top flaps have a calcium stearate coating that eliminates loading and allows the disc to maintain a high cut-rate, while the alternating flaps aggressively remove material with self-sharpening zirconia aluminum grains.

CONICAL

P HIGH PERFORMANCE / TIGER ALUMINUM

Non-Loading / Contaminant-free / Zirconia Alumina / Phenolic Back **Contaminant-free***

ALUMINUM				TYPE 29	TYPE 29
Diameter	Grit	Max. RPM	Std. Pack	7/8" Arbor	5/8"-11 Hub
4-1/2"	36	13,000	10	51250	51254
	60			51251	51255



51250

FLAT

P HIGH PERFORMANCE / TIGER ALUMINUM

Non-Loading / Contaminant-free / Zirconia Alumina / Phenolic Back **Contaminant-free***

ALUMINUM				TYPE 27	TYPE 27
Diameter	Grit	Max. RPM	Std. Pack	7/8" Arbor	5/8"-11 Hub
4-1/2"	36	13,000	10	51252	51256
	60			51253	51257



51257

Key:

P PERFORMANCE LINE Industrial Grade **V** VALUE LINE Professional Grade

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

ANGLED DISCS

The 90° angled flap design is ideal for grinding fillet welds, T-joints and other hard-to-reach places. The flaps wrap around the edge of the backing plate, optimizing flap-to-metal contact and providing exceptional feel and control while grinding.



Angled flaps are ideal for fillet welds and hard-to-reach places



51313

P MAX PERFORMANCE / TIGER® CERAMIC ANGLED

Top Coated for Cool Grinding on Fillet Welds / Ceramic Alumina / Phenolic Back
Contaminant-free*

		STEEL / METAL		STAINLESS		HARD-TO-GRIND		ALUMINUM		7/8" Arbor		5/8"-11 Hub	
Diameter	Grit	Max. RPM		Std. Pack		Item #		Item #		Item #		Item #	
4-1/2"	40	13,000		10		51312		51315		51315		51315	
	60					51313		51316		51316		51316	
	80					51314		51317		51317		51317	
5"	40	12,000		10		51318		51321		51321		51321	
	60					51319		51322		51322		51322	
	80					51320		51323		51323		51323	



51303

P HIGH PERFORMANCE / TIGER ANGLED

Fast Grinding & Long Life on Fillet Welds / Zirconia Alumina / Phenolic Back
Contaminant-free*

		STEEL / METAL		STAINLESS		7/8" Arbor		5/8"-11 Hub	
Diameter	Grit	Max. RPM		Std. Pack		Item #		Item #	
4-1/2"	40	13,000		10		51300		51303	
	60					51301		51304	
	80					51302		51305	
5"	40	12,000		10		51306		51309	
	60					51307		51310	
	80					51308		51311	

TRIMMABLE DISCS

A trimmable backing plate allows the operator to increase flap overhang. This feature provides the versatility to adjust for hard-to-reach areas such as fillet welds and irregular shapes.



50121

P MAX PERFORMANCE / TIGER CERAMIC TRIM (SABER TOOTH)

Top Coated for Cool Grinding / Ceramic Alumina / Trimmable Composite Back for Versatility / Contaminant-free*

		STEEL / METAL		STAINLESS		HARD-TO-GRIND		ALUMINUM		TYPE 29 7/8" Arbor		TYPE 29 5/8"-11 Hub	
Diameter	Grit	Max. RPM		Std. Pack		Item #		Item #		Item #		Item #	
4-1/2"	40	13,000		10		50117		50121*		50121*		50121*	
	60					50118		50122*		50122*		50122*	
	80					50119		50123*		50123*		50123*	



50003

P PERFORMANCE / TIGER TRIM

Long Grinding Life / Zirconia Alumina / Trimmable Composite Back for Versatility / Contaminant-free*

		STEEL / METAL		STAINLESS		TYPE 29 7/8" Arbor		TYPE 29 5/8"-11 Hub	
Diameter	Grit	Max. RPM		Std. Pack		Item #		Item #	
4-1/2"	40	13,000		10		50002		50006*	
	60					50003		50007*	
	80					50004		50008*	
	120					50005		50009*	
5"	40	12,000		10		50010		50014	
	60					50011		50015	
	80					50012		50016	



MINI DISCS

The expanded mini flap disc line now offers a threaded button R mount in addition to the current S mount for greater versatility to fit the most popular styles of hub pads. These discs are designed for use on die grinders to provide smooth grinding and enhanced conformability in tight areas.

NEW! Weiler BobCat Mini Flap Discs are designed and compatible for use on both industry standard hub pads.



S Mount



R Mount



Edge chamfering a fabricated stainless component.

P PERFORMANCE / TIGER® BOBCAT™

Grinding Hard-to-Reach Places / Zirconia Alumina / Composite Back / Contaminant-free*

STEEL / METAL		STAINLESS		S MOUNT* TYPE 29		S MOUNT* TYPE 27		R MOUNT+ TYPE 29		R MOUNT+ TYPE 27	
Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #	Item #	Item #	Item #	Item #	Item #	Item #
2"	36	30,000	10	50922	50932	50946	50956	50923	50933	50947	50957
	40			50924	50934	50948	50958				
	60			50925	50935	50949	50959				
	80			50926	50936	50950	50960				
	120										
3"	36	20,000	10	50902	50912	50951	50961	50903	50913	50952	50962
	40			50904	50914	50953	50963				
	60			50905	50915	50954	50964				
	80			50906	50916	50955	50965				
	120										

* Back-up pad not required if used with S mount mandrel. 3" discs are compatible with Norton Speed-Lok® TS back-up pads.

+ Back-up pad required. Also compatible with 3M Roloc™ back-up pads.



WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

ACCESSORIES

BOBCAT DRIVE MANDRELS & METAL HUB PADS

For quick-change on tools with 1/4" collets.

Description	Std. Pack	Item #
2" & 3" S mount mandrel	1	07766
2" S mount hub pad + mandrel	1	60508
3" S mount hub pad + mandrel	1	60509
2" R mount hub pad + mandrel	1	51551
3" R mount hub pad + mandrel	1	51552

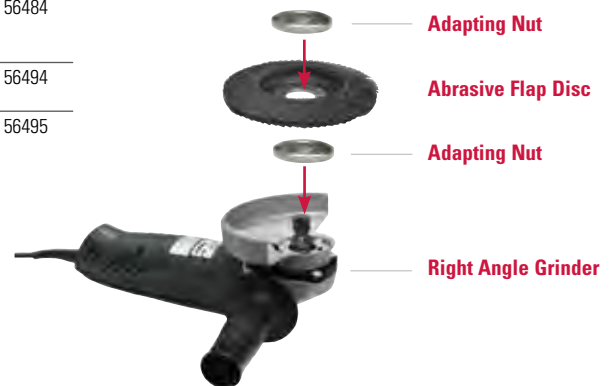


ADAPTING NUTS & SPANNER WRENCH

For use with standard, HD and specialty flap discs.

Description	Thread Size	For Use With	Std. Pack	Item #
Adapting Nuts	3/8" - 24	4" flap disc with 5/8" arbor hole (can be used with an adjustable or combination wrench)	1 Pair	56484
Adapting Nuts	5/8" - 11	4-1/2", 5" & 7" flap discs with 7/8" arbor hole	1 Pair	56494
Spanner Wrench	-	Item No. 56494 only	1	56495

When mounting, adapters must be nested, see illustration at right.



Key:

P PERFORMANCE LINE Industrial Grade **V** VALUE LINE Professional Grade

ABRASIVE FLAP WHEELS



Weiler's abrasive flap wheels are designed with a solid hub construction that enables wheels to be rated at higher RPM's and provide more aggressive cutting action and increased productivity. They provide perfect balance leading to smooth, chatter-free finishing.

APPLICATIONS

- Internal diameter cleaning
- Finishing metal surfaces
- Deburring machined parts
- Cleaning and reconditioning pipe threads
- Polishing, blending & finishing
- Prepping surface for painting or plating
- Edge blending



Removing burrs from the inside diameter (ID) of a cut tube.



52010



52027



TIGER® MOUNTED 1/4" STEM FLAP WHEELS

A premium line designed to provide long life. Ideal for medium to high production environments.

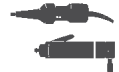


Diameter	Width	Grit Size	Max. RPM	Standard Pack	Item Number
					Aluminum Oxide
1"	1"	60	30,000	10	52003
		80			52004
		120			52005
1-1/2"	1"	60	25,000	10	52009
		80			52010
		120			52011
2"	1/2"	60	25,000	10	52366
	80	52367			
2"	1"	60	25,000	10	52015
		80			52016
		120			52017
2-1/2"	1"	60	23,000	10	52486
		80			52487
3"	1/2"	60	23,000	10	52024
		80			52025
3"	1"	60	23,000	10	52027
		80			52028
		120			52029



TIGER MOUNTED 1/4"-20 THREADED STEM FLAP WHEELS

A premium line designed to provide long life. Ideal for medium to high production environments.



52621

Diameter	Width	Grit Size	Max. RPM	Standard Pack	Item Number
					Aluminum Oxide
1"	1"	60	30,000	10	52601
		80			52603
		120			52605
2"	1"	60	25,000	10	52611
		80			52613
3"	1"	60	20,000	10	52621
		80			52623

Key:



PERFORMANCE LINE
Industrial Grade



VALUE LINE
Professional Grade



GREAT VALUE AT THE RIGHT PRICE

Wolverine Flap Wheels offer a high cut rate at a cost-effective price. The smart option for use in medium production environments.

APPLICATIONS

- Internal diameter cleaning
- Finishing metal surfaces
- Deburring machined parts
- Cleaning and reconditioning pipe threads
- Polishing, blending & finishing
- Prepping surface for painting or plating
- Edge blending



V WOLVERINE® 1/4" STEM MOUNTED FLAP WHEELS

Provide fast cutting action at a value price. Ideal for low to medium production environments.



Diameter	Width	Grit Size	Max. RPM	Standard Pack	Item Number	
					Aluminum Oxide	
5/8"	5/8"	40	30,000	10	30711	
		60			30712	
		80			30713	
3/4"	3/4"	40	30,000	10	30715	
		60			30716	
		80			30717	
1"	1"	40	30,000	10	30719	
		60			30720	
		80			30721	
		120			30722	
1-1/2"	1"	40	25,000	10	30771	
		60			30772	
		80			30773	
		120			30774	
2"	1"	40	25,000	10	30732	
		60			30723	
		80			30724	
		120			30725	
2-1/2"	1"	40	23,000	10	30778	
		40			30729	
3"	1"	60	23,000	10	30726	
		80			30727	
		80			30728	
		120				



V WOLVERINE 1/4"-20 THREADED STEM MOUNTED FLAP WHEELS

Provide fast cutting action at a value price. Ideal for low to medium production environments.



Diameter	Width	Grit Size	Max. RPM	Standard Pack	Item Number	
					Aluminum Oxide	
1"	1"	60	30,000	10	30745	
		80			30746	
2"	1"	60	25,000	10	30737	
		80			30738	
3"	1"	60	20,000	10	30735	
		80			30736	



DRIVE ARBOR

For 1/4"-20 Thread Mounted Flap Wheels.

Thread Size	Adapted Size	Standard Pack	Item Number
1/4"-20	1/4"	5	07756



NOTE

- Drive arbor is to be used with Weiler flap wheels only.
- Stems must be fully chucked before using and should not be run above the maximum RPM listed.

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

RESIN FIBER DISCS



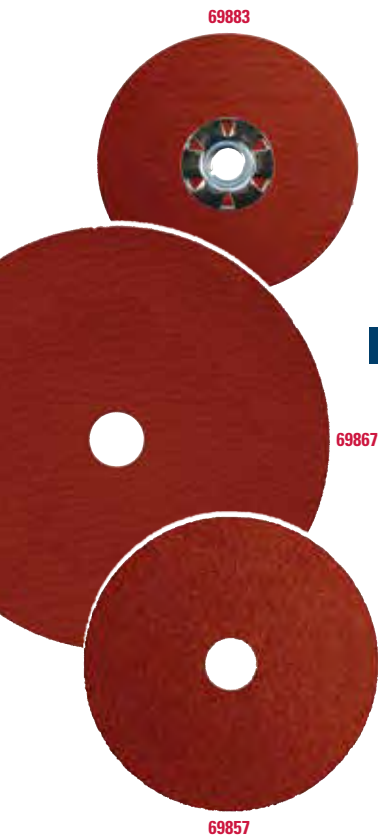
Smoothing the edges of roller coaster track with a resin fiber disc.

NEW! Faced with the challenge of working on everything from pressure vessels to roller coasters, professionals need a solution they can count on. That's why we've expanded our line up to deliver the options needed to optimize grinding time on a wide variety of applications. With premium grain mixes that aggressively remove metal and a superior design that locks the grain in, Weiler Tiger and Wolverine RFDs are designed to deliver serious grinding solutions.

- Advanced grain formulas designed to maximize cut rate on metals.
- Superior design minimizes loading, glazing, and grain stripping.
- Heavy duty vulcanized fiber backing holds up to the toughest jobs.
- Quick change hub option reduces down time and eliminates interference from adapter rings.
- Spiral molded backing pad design runs cool by increasing airflow and fits on all right-angle grinders.

APPLICATIONS

- Heavy Stock Removal
- Edge Chamfering
- Weld Blending
- Grinding
- Surface Preparation & Finishing



TIGER® CERAMIC RESIN FIBER DISCS

Ceramic Alumina / Superior Life & Cut Rate on Metal
Self-sharpening Ceramic Alumina grain delivers a superior combination of life and cut rate.
Top coat grinds cool and eliminates loading. Ideal for stainless steel and other hard-to-grind metals.



Diameter	Grit Size	Standard Pack	TYPE 27	TYPE 27
			7/8" Arbor Item Number	5/8"-11 Hub Item Number
4-1/2"	24	25	69850	69880
	36		69851	69881
	50		69852	69882
	60		69853	69883
	80		69854	69884
5"	24	25	69857	69887
	36		69858	69888
	50		69859	69889
	60		69860	69890
	80		69861	69891
7"	24	25	69864	69894
	36		69865	69895
	50		69866	69896
	60		69867	69897
	80		69868	69898
9"	24	25	69871	69901
	36		69872	69902
	50		69873	69903
	60		69874	69904
	80		69875	69905

Do not exceed maximum RPM of back-up pad.

ADVANCED CERAMIC GRAIN
delivers greater stock removal with a finer scratch pattern

LESS PRESSURE
for consistent material removal, reducing operator fatigue

TOP COAT
grinds cool and eliminates loading, glazing & dulling

WIDE RANGE
of grit options professionals need to get a desired finish



TIGER® ALUMINUM RESIN FIBER DISCS Aluminum Oxide / Non-Loading on Non-Ferrous Metals
Specifically designed for high performance on ALUMINUM and other non-ferrous metals.



P

A top coating grinds cool and eliminates loading, which results in higher cut rates, long life and a superior finish.

Diameter	Grit Size	Standard Pack	TYPE 27	
			7/8" Arbor	5/8"-11 Hub
			Item Number	Item Number
4-1/2"	24	25	60400	60600
	36		60401	60601
	50		60402	60602
	60		60403	60603
	80		60404	60604
	120		60406	60606
5"	24	25	60410	60610
	36		60411	60611
	50		60412	60612
	60		60413	60613
	80		60414	60614
	120		60416	60616
7"	24	25	60420	60620
	36		60421	60621
	50		60422	60622
	60		60423	60623
	80		60424	60624
	120		60426	60626

Do not exceed maximum RPM of back-up pad.



WHY WEILER

TIGER ZIRC RESIN FIBER DISCS Zirconia Alumina / Ceramic Infused for Faster, Longer Grinding



P

A unique blend of self-sharpening Zirconia Alumina and Ceramic Alumina grains deliver a fast, consistent cut rate. A superior design extends disc life by minimizing grain shedding and promotes cool grinding on steel and stainless.

Diameter	Grit Size	Standard Pack	TYPE 27	
			7/8" Arbor	5/8"-11 Hub
			Item Number	Item Number
4-1/2"	24	25	59731	59931
	36		59732	59932
	50		59733	59933
	60		59734	59934
	80		59735	59935
	100		59736	59936
	120		59737	59937
	5"		24	25
36		59702	59902	
50		59703	59903	
60		59704	59904	
80		59705	59905	
100		59706	59906	
120		59707	59907	
7"		24	25	
	36	59712		59912
	50	59713		59913
	60	59714		59914
	80	59715		59915
	100	59716		59916
	120	59717		59917

Do not exceed maximum RPM of back-up pad.



BONDED ABRASIVES

COATED ABRASIVES

ACCESSORIES FOR RESIN FIBER DISCS

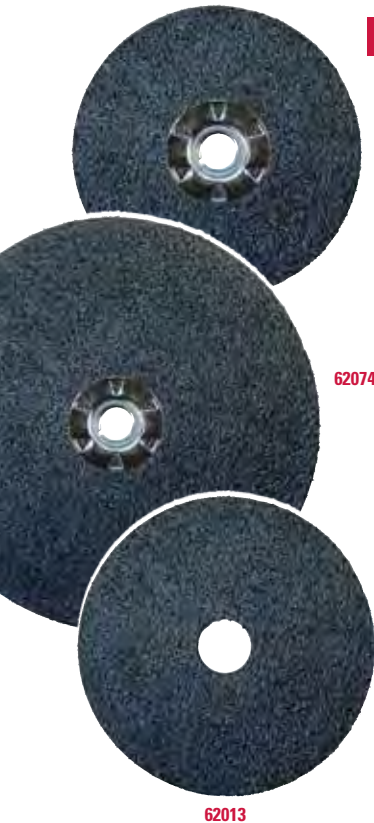
Description	Thread Size	Max. RPM	Standard Pack	Item Number
4" Back-up Pad	5/8"-11*	12,000	1	59605
4-1/2" Back-up Pad	5/8"-11*	11,000	1	59611
5" Back-up Pad	5/8"-11*	10,000	1	59600
7" Back-up Pad	5/8"-11	8,500	1	59601
9" Back-up Pad	5/8"-11	6,500	1	59602
Spanner Wrench	-	-	1	59603
Disc Nut	5/8"-11	-	1	59604

* Other thread sizes available on special orders.



BRUSHES

62053



62074

62013

V**WOLVERINE® ZIRC RESIN FIBER DISCS** Zirconia Alumina / Fast Grinding on Metal

Self-sharpening Zirconia Alumina grain delivers a fast cut rate and consistent performance over the life of the disc, resulting in a great value when grinding on steel and stainless.



Diameter	Grit Size	Standard Pack	TYPE 27			
			7/8" Arbor Item Number	5/8"-11 Hub Item Number		
4-1/2"	24	25	62002	62052		
	36		62003	62053		
	50		62004	62054		
	60		62005	62055		
	80		62006	62056		
	100		62007	62057		
	120		62008	62058		
5"	24	25	62012	62062		
	36		62013	62063		
	50		62014	62064		
	60		62015	62065		
	80		62016	62066		
	100		62017	62067		
	120		62018	62068		
7"	24	25	62022	62072		
	36		62023	62073		
	50		62024	62074		
	60		62025	62075		
	80		62026	62076		
	100		62027	62077		
	120		62028	62078		
	9"		24	25	62032	62082
			36		62033	62083
50		62034	62084			
60		62035	62085			
80		62036	62086			
100		62037	62087			
120		62038	62088			

Do not exceed maximum RPM of back-up pad.

V**WOLVERINE AO RESIN FIBER DISCS** White Aluminum Oxide / Fast Grinding on Metal

Premium Aluminum Oxide grains provide an even, sharp, clean cut rate and consistent performance at a great value for every day, general purpose use on metal.



59492

59973

59543

Diameter	Grit Size	Standard Pack	TYPE 27			
			7/8" Arbor Item Number	5/8"-11 Hub Item Number		
4"	24	25	59491	59491		
	36		59492	59492		
	50		59493	59493		
	60		59494	59494		
	80		59495	59495		
	100		59496	59496		
	120		59497	59497		
4-1/2"	24	25	59571	59971		
	36		59573	59973		
	50		59575	59975		
	60		59576	59976		
	80		59577	59977		
	100		59578	59978		
	120		59579	59979		
	5"		16	25	59500	-
			24		59501	61501
			36		59503	61503
			50		59505	61505
			60		59506	61506
			80		59507	61507
			100		59508	61508
120		59509	61509			
7"		16	25		59520	-
	24	59521		61521		
	36	59523		61523		
	50	59525		61525		
	60	59526		61526		
	80	59527		61527		
	100	59528		61528		
	120	59529		61529		
	9"	24		25	59541	61541
36		59543	61543			
50		59545	61545			
60		59546	61546			
80		59547	61547			
100		59548	61548			
120		59549	61549			

Do not exceed maximum RPM of back-up pad.

BLENDING DISCS

Weiler's cloth backed coated abrasive discs are for use on right angle air tools. Available with either a metal hub or a plastic button fastening system, the flexible back-up pads give the discs a great deal of conformability. Weiler's blending discs are suitable for a wide range of light fabrication, repair and maintenance applications.



Blending surface imperfections prior to painting.

P TIGER® CERAMIC ALUMINA BLENDING DISCS

For aluminum, stainless and other hard-to-grind metal applications.

Diameter	Grit Size	Standard Pack	Item Number	
			Type S Hub Style	Type R Hub Style
2"	36	50	60150	60170
	60		60151	60171
	80		60152	60172
3"	36	50	60155	60175
	60		60156	60176
	80		60157	60177

P TIGER BLENDING DISCS - Type S Hub Style

Compatible with Norton Speed-Lok® TS back-up pads.

Diameter	Grit Size	Standard Pack	Item Number	
			Zirconia Alumina	Aluminum Oxide
2"	36	100	60378	60040
	60		60381	60043
	80		60382	60044
	120		60384	60046 •
3"	36	50	60391	60053
	60		60394	60056
	80		60395	60057
	120		60397	60059

• Non-stock product, contact Customer Service for lead times and minimum order quantities.

P TIGER BLENDING DISCS - Type R Hub Style - Compatible with 3M Roloc™ back-up pads.

Diameter	Grit Size	Standard Pack	Item Number - Aluminum Oxide
2"	36	100	60118
	60		60121
	80		60122
	120		60124
3"	36	50	60131
	60		60134
	80		60135
	120		60137

P TIGER ALUMINUM BLENDING DISCS - Aluminum Oxide

Diameter	Grit Size	Standard Pack	Item Number	
			Type R Hub Style*	Type S Hub Style +
2"	36	50	59806	59869
	60		59807	59870
	80		59808	59871
	120		59809	-
3"	36	25	59811	59874
	60		59812	59875
	80		59813	59876
	120		59814	59877 •

• Non-stock product, contact Customer Service for lead times and minimum order quantities.

P BACK-UP PADS - 1/4" Stem

Diameter	Max. RPM	Std. Pack	Item Number	
			Type R Hub Style*	Type S Hub Style+
2"	25,000	1	51551	60508
3"	20,000	1	51552	60509

Do not exceed maximum RPM of back-up pad.

* Compatible with 3M Roloc™ back-up pads. (Roloc™ is a trademark of 3M.)

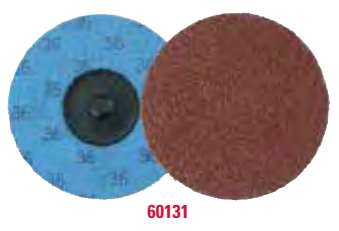
+ Compatible with Norton Speed-Lok® TS back-up pads. (Speed-Lok® TS is a registered trademark of Norton Co.)

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES





POWER BRUSHES

CLEANING BRUSHES | KNOT WIRE WHEELS | WIRE CUP BRUSHES | STEM MOUNTED END BRUSHES | CRIMPED WIRE WHEELS

SELECTING THE RIGHT BRUSH

Need to clean a surface without removing base material? Nothing beats a power-driven wire brush for cleaning hot welds. The high quality wheels, end and cup brushes from Weiler can effectively handle tube end, corrosion, scale removal, inter-pass weld cleaning, and many other jobs. The varied trim lengths, knot configurations and wire sizes in our lineup offer optimal speed and effectiveness for any job.

CONFIGURATIONS



Standard Twist

Provides some flexibility for use on irregular surfaces. Sharp wire tips make this knot aggressive right from the start.



Hurricane® Twist

Provides smoother operation but sacrifices much of the cleaning action.



Cable Twist

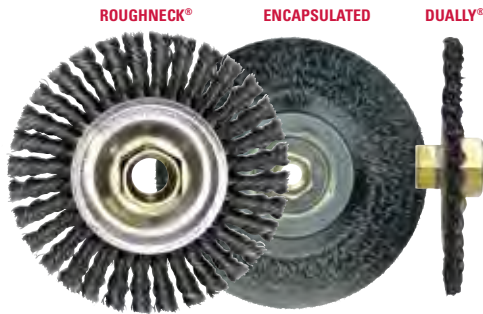
Provides very aggressive brushing action. Sharp wire tips make this knot aggressive right from the start.



Stringer Bead Twist

High-impact action, primarily for weld cleaning. Sharp wire tips make this knot aggressive right from the start.

BRUSH TYPES



Stringer Bead Wheels

For **root and hot pass weld cleaning**, heavy deburring, deflashing, surface prep, remove oxides and rust.



Bevel Brushes

For aggressive-yet-flexible brushing action for **cleaning fillet welds** and into corners.



Cup Brushes

For **weld prep on large surface areas**, heavy deburring, surface prep, remove oxides and rust.



End Brushes

For weld cleaning **applications in recessed areas**, heavy deburring, surface prep, remove oxides and rust.

THE BEST STRINGER BEAD BRUSHES

Weiler Stringer Bead brushes last longer and clean faster because they are made with the highest quality material and are engineered to optimize performance. Here's why:

BAR NONE

Weiler brush



Competitor brush

Stringer Bead Wheel Brushes tested for 30 minutes at 6,000 RPM against a piece of steel diamond plate using 12 lbs. of pressure.

SUPERIOR MATERIALS:

Weiler uses wire that is **harder, stronger, and more resistant to fatigue**. We utilize high tensile steel wire that is heat-treated to the most exacting standards for superior fatigue resistance and aggressive brushing. Every lot of wire is inspected and tested to ensure consistency and quality.

SUPERIOR DESIGN:

Brushes that are engineered to maximize performance in the field. Our sprocket design eliminates knot movement without pinching and weakening the wire, providing exceptional balance which eliminates brush vibration during operation. In addition, welded side plates further strengthen the construction which translates to more aggressive cleaning and longer brush life.

SUPERIOR CONSTRUCTION:

Sharp wire tips mean faster cleaning action. Trimmed wire ends ensure the wire tips are sharp and ready to work right out of the box. Also the greater knot twist delivers a more aggressive brush and increases brush life.

Refer to ANSI B7.1 for storage & handling details

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

WELD CLEANING BRUSHES

Weiler's stringer bead wheels are the most effective weld cleaning tools for the most demanding users. Our premium weld cleaning brushes are manufactured to the most stringent quality standards, utilizing the highest quality wire available. The twist puts all the sharp tips at the end of the knots, making them the fastest, most aggressive weld cleaning tools on the market.



UP TO
2X
THE LIFE



13138

ROUGHNECK MAX

MADE IN
USA
WITH GLOBAL
MATERIALS

Roughneck Max wheels have been re-engineered to MAXimize life, efficiency and consistency. But that is only a small part of what makes this brush better...

- **Smooth & Responsive** — Improved feel and comfort during use makes brush operation effortless
- **No Long Wire Breakage** — Stronger, sharper wire delivers consistency and performance you can count on
- **Cleans 40% Faster** — Unmatched cleaning power compared to competitors
- **Less Force Required** — The operator can apply less pressure to clean, letting the wire do the work

P **ROUGHNECK® MAX STRINGER BEAD WHEELS** deliver unmatched weld cleaning performance by maximizing life, efficiency and consistency. The 4" brushes are recommended for cleaning root pass welds, surface prep and other cleaning applications.



Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Thickness at Face Plates	Max. RPM	Std. Pack	Item Number	
									Steel	Stainless
4"	.020	5/8"-11 UNC	32	3/16"	7/8"	7/16"	20,000	5	13131 ■	13138 ■

■ Available in Display Pack. Add "P" to end of Item Number when placing order.

ROUGHNECK

MADE IN
USA
WITH GLOBAL
MATERIALS

P **ROUGHNECK STRINGER BEAD WHEELS** are the standard for high-performance weld cleaning brushes. Narrow face brushes are suitable for cleaning root and hot passes and reaching into corners; wider face wheels can be used for cleaning filler and cap passes as well as for other surface prep and cleaning applications.



Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Thickness at Face Plates	Max. RPM	Std. Pack	Item Number	
									Steel	Stainless
Root Pass Brushes										
4"	.020	1/2"-3/8"	32	3/16"	7/8"	7/16"	20,000	5	13124	08954*
		M10 x 1.25							13125 ■	13132
		M10 x 1.50							13126	—
		M14 x 2.0							13127	13134
		3/8"-24 UNF							13128	13135
		1/2"-13 UNC							13130	13137
4-1/2"	.020	5/8"-11 UNC	38	3/16"	13/16"	3/8"	15,000	5	13232	13238
		7/8"							13234	13249
5"	.020	5/8"-11 UNC	38	3/16"	7/8"	3/8"	12,500	5	08756	08806
		7/8"							08750	—
6"	.020	5/8"-11 UNC	48	3/16"	1-1/8"	3/8"	12,500	10	08766†	—
			38		1-3/8"				—	08786†•
			56		1-1/8"				09400 ■	09500
			76		1-1/8"				09000 ■	09200
7"	.020	5/8"-11 UNC	76	3/16"	1-1/8"	7/16"	9,000	10	09100	—
									—	—
Filler Pass Brushes										
5"	.023	5/8"-11 UNC	24	1/2"	7/8"	3/8"	12,500	5	09856	09866
6"	.023	5/8"-1/2"	24	1/2"	1-3/8"	9/16"	12,500	10	08775	—
		5/8"-11 UNC	24	1/2"	1-3/8"	9/16"			08776 ■	08796•
		5/8"-11 UNC	30	1/2"	1-1/4"	5/8"			08916	08926•
		5/8"-11 UNC	30	5/16"	1-3/8"	1/2"			09386	09396•

† Light Duty • Standard Pack 5 * Standard Pack 10

■ Available in Display Pack. Add "P" to end of Item Number when placing order.



13124



09000

08776

THE DUALLY® FROM WEILER

MADE IN
USA
WITH GLOBAL
MATERIALS

Featuring a unique dual-hex nut, this full line of weld cleaning brushes simplifies periodic flipping of the wheels for maximum cutting action, long life, and safer use.

These "Flip 'N Fast" Wheels offer:

- **Maximum Cleaning Action** — Featuring a knot twist with the most aggressive cutting action, the new dual-hex nut makes it easier for the user to regularly switch mounting position and keep the brush running at peak performance.
- **Long Wheel Life** — Utilizing the highest quality heat-treated Steel wire and construction that virtually eliminates knot movement, the Dually delivers smooth operation and long life for the lowest cleaning costs in demanding multi-pass welding applications such as pipeline construction.
- **Improved User Safety** — The one-piece, dual-hex nut is designed to provide adequate tool clearance so there is no need to remove the guard from the grinder in order to change the position of the wheel.



Removing weld slag before the next weld pass.

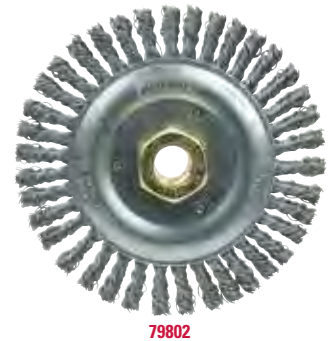


P **DUALLY® STRINGER BEAD WHEELS** feature a dual-hex nut design that simplifies periodic flipping of the wheel for maximum cleaning action, long life, and safer use.

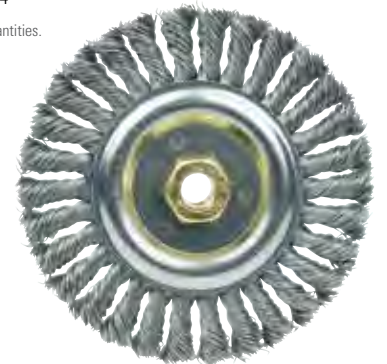


Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Thickness at Face Plates	Max. RPM	Std. Pack	Item Number		
									Steel	Stainless	
Root Pass Brushes											
4-1/2"	.020	5/8"-11 UNC	38	3/16"	13/16"	3/8"	15,000	5	79801	79811	
5"	.020	5/8"-11 UNC	38	3/16"	7/8"	3/8"	12,500	5	79802	79812 •	
6"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	12,500	5	79805	79815	
7"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	9,000	5	79800	79810 •	
Filler Pass Brushes											
5"	.023	5/8"-11 UNC	24	1/2"	7/8"	3/8"	12,500	5	79803	79813 •	
6"	.023	5/8"-11 UNC	30	1/2"	1-1/4"	5/8"	12,500	5	79804	79814	

• Non-stock product, contact Customer Service for lead times and minimum order quantities.



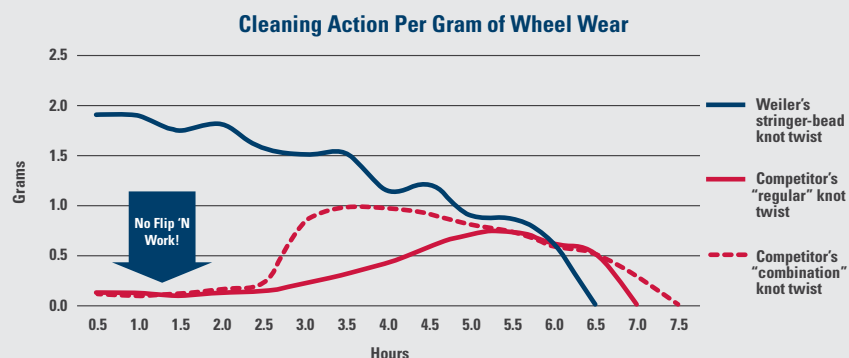
79802



79804

The Dually features a wire twist that produces the fastest, most effective cleaning action right out of the box!

Competing knot styles feature much less effective knot twists. As the graph shows, it is only after these brushes have been used for a long enough period of time for wire breakage to occur that they go to work.



WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES



P POLYFLEX™ ENCAPSULATED WELD CLEANING WHEELS Black Elastomer

Feature a heat-stabilized encapsulation that gradually wears away to expose a consistent short trim for higher aggression, controlled brushing action, and longer life; suitable for cleaning hot welds.



Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Thickness at Face Plates	Max. RPM	Standard Pack	Item Number	
									Steel	
4"	.020	5/8"-11 UNC	32	3/16"	7/8"	7/16"	20,000	5	35800	▲
6"	.014	5/8"-11 UNC	—	3/16"	1-7/16"	3/8"	9,000	5	35206*	
7"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	9,000	10	35600	▲
	.014		—		1-15/16"			3/8"	5	35216*

*Crimped Wire ▲ Stringer Bead Wheels

35216

WOLVERINE®

MADE IN USA
WITH GLOBAL MATERIALS

Wolverine wheels offer professional grade quality and performance at a great value. Re-engineered, these 32 knot wheels deliver 20% MORE life while maintaining aggressive cleaning power for weld cleaning applications.

V WOLVERINE® STRINGER BEAD WHEELS have upgraded to 32 knots to deliver 20% longer life.

The 4" wheels are manufactured using similar product construction and to the same exacting standards as other Weiler weld cleaning brushes; they have been engineered for cost-effective use in less demanding cleaning applications.

Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Thickness at Face Plates	Max. RPM	Standard Pack	Item Number	
									Steel	Stainless
4"	.020	5/8"-11 UNC	32	3/16"	7/8"	7/16"	20,000	5	36218	36219

36219

V WOLVERINE STRINGER BEAD WHEELS are manufactured using similar product construction and to the same exacting standards as other Weiler weld cleaning brushes; they have been engineered for cost-effective use in less demanding applications.



Dia.	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Max. RPM	Item Number	
							Steel	Stainless
5"	.020	5/8"-11 UNC	38	3/16"	7/8"	12,500	36295	36296
6"	.020	5/8"-11 UNC	48	3/16"	1-1/4"	12,500	36225	—
			38		1-3/8"		36307†	—
7"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	9,000	36297	—

† Light Duty

36225

36297

Key:

P PERFORMANCE LINE
Industrial Grade

V VALUE LINE
Professional Grade

KNOT WIRE WHEELS

Weiler's knot wire wheels with a threaded nut are intended for use primarily on small and large right angle grinders. Featuring Weiler's individual knot hole construction, these radial brushes are available in heat-treated Steel and Type 302 Stainless Steel wire for use in a wide variety of applications.

MADE IN USA
WITH GLOBAL MATERIALS



Cleaning a fillet weld with a bevel brush.

APPLICATIONS

- Removing powder-coating, epoxy-based paints, and rubberized coatings
- Weld preparation and cleaning
- Cleaning scale and heavy corrosion
- Removing heavy burrs from large pieces after cutting

P STANDARD TWIST BEVEL BRUSHES feature a tufted knot end and a saucer shaped radial wheel to provide an aggressive-yet-flexible brushing action for cleaning fillet welds and into corners.



Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Max. RPM	Std. Pack	Item Number	
								Steel	Stainless
4"	.014	5/8"-11 UNC	20	3/8"	3/4"	12,500	1	13406	13416
4"	.020	5/8"-11 UNC	20	3/8"	3/4"	12,500	1	13426	13436
4-1/2"	.014	5/8"-11 UNC	20	3/8"	1"	12,500	1	13456	13466
	.020							13476	13486



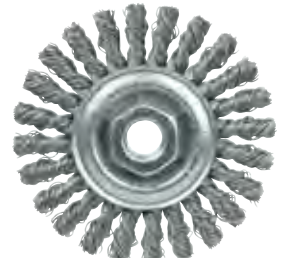
13456

P CABLE TWIST WHEELS provide maximum brushing action with minimal flexibility; ideal for demanding cleaning and surface preparation applications on relatively smooth surfaces.



Dia.	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Max. AH Avail.	Thickness at Face Plates	Max. RPM	Std. Pack	Item Number	
										Steel	Stainless
4"	.020	5/8"-11 UNC	24	1/4"	7/8"	1/2"	7/16"	20,000	5	13266 ■	13276

■ Available in Display Pack. Add "P" to end of Item Number when placing order.



13266

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

"I have been in the business for 20+ years and I find Weiler to be the best I have ever used."

- **Andy Bettelli**, Pipeline Contractor, A B Welding



WIRE CUP BRUSHES



Removing slag from a flame-cut steel plate.

MADE IN USA
WITH GLOBAL MATERIALS

Weiler's wire cup brushes are intended primarily for use on portable power tools for addressing larger surface areas more efficiently than a wheel brush. Cup brushes are designed for smooth, efficient operation on angle grinders to make quick work of large jobs.

Cup brushes are available in a variety of knot wire and crimped wire configurations for use in a broad range of surface cleaning applications, and they are manufactured with individual knot hole and solid ring construction for high performance and long life. Weiler's cup brushes are available in heat-treated Steel, Type 302 Stainless Steel, and Brass wire.

APPLICATIONS

- Removal of slag from the edges of plasma-cut or flame-cut plates
- Removing paint and coatings
- Cleaning rust, scale, and corrosion
- Deburring
- Weld prep and cleaning

CUP BRUSH SIZE SELECTION GUIDE

Brush Sizes	Angle Grinder Size
2-3/4" & 3"	4"
2-3/4", 3" & 3-1/2"	4-1/2"
2-3/4", 3" & 3-1/2"	5"
3-1/2" & 4"	6"
4", 5" & 6"	7"
4", 5" & 6"	9"



13021



13258



12316



12276



12376

P KNOT WIRE CUP BRUSHES Single Row

Provide heavy-duty brushing action with some flexibility; ideal for demanding cleaning applications on relatively flat surfaces.



Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number		
						Steel	Stainless	Bronze
2-3/4"	.014	M10 x 1.25	1"	14,000	1	13015	—	—
		M14 x 2.0				13020	—	—
		3/8"-24 UNF				13021	—	—
		5/8"-11 UNC				13025 ■	—	—
2-3/4"	.020	M10 x 1.25	1"	14,000	1	13281 ■	13253	—
		M10 x 1.50				13282	—	—
		M14 x 2.0				13283	13255	—
		3/8"-24 UNF				13284	13256	—
		1/2"-13 UNC				13285	13257	—
		5/8"-11 UNC				13286 ■	13258	13299
3-1/2"	.023	M10 x 1.25	7/8"	13,300	1	13150	—	—
		M10 x 1.50				13151	—	—
		M14 x 2.0				13152	—	—
		3/8"-24 UNF				13153	13160	—
		1/2"-13 UNC				13155	—	—
5/8"-11 UNC	13156 ■	13163	—					
3-1/2"	.014 .020	5/8"-11 UNC	1-1/4"	9,000	1	12736	—	—
						12746	—	—
4"	.014 .020 .023 .035	5/8"-11 UNC	1-1/4"	10,200	1	12306	12406	—
						—	—	12776
						12316 ■	12416	—
						12326	—	—
4"	.023	5/8"-11 UNC	1-1/4"	10,200	1	12206 ♦	—	—
4"	.023	5/8"-11 UNC	1-1/4"	10,200	1	12826*	—	—
5"	.014 .023	5/8"-11 UNC	1-3/8"	7,000	1	12256*	—	—
						12276 ■*	—	—
6"	.014 .023 .035	5/8"-11 UNC	1-3/8"	6,600	1	12356	12456	—
						12376 ■	12476	—
						12396	—	—
6"	.023	5/8"-11 UNC	1-3/8"	6,600	1	12816*	—	—
6"	.014 .023 .035	5/8"-11 UNC	1-5/8"	6,000	1	12846	—	—
						12856	12886	—
						12866	—	—

* With internal nut

♦ Cable Twist

■ Available in Display Pack. Add "P" to end of Item Number when placing order.



V WOLVERINE® KNOT WIRE CUP BRUSHES Single Row

Provide an aggressive brushing action for general-purpose surface cleaning applications.

Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number	
						Steel	Stainless
2-3/4"	.020	5/8"-11 UNC	1"	14,000	1	36238	36239
4"	.025	5/8"-11 UNC	1-1/4"	10,200	1	36244	—
6"	.025	5/8"-11 UNC	1-3/8"	6,600	1	36245	—

P CRIMPED WIRE CUP BRUSHES

Provide very flexible brushing action and the most consistent performance for demanding light-duty cleaning applications; feature a threaded nut for use on angle grinders.

Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number		
						Steel	Stainless	Brass
3-1/2"	.014	M10 x 1.25	7/8"	13,300	1	13175	13182	—
		3/8"-24 UNF				13178	13185	—
		5/8"-11 UNC				13181	13188	—
4"	.0118	5/8"-11 UNC	1-3/8"	10,200	1	14016	—	—
	.014					14026	—	—
	.020					14036 ■▲	14126	—
5"	.014	5/8"-11 UNC	1-1/4"	8,000	1	—	—	14606
	.014					14206 ▲	—	—
	.020					14216	14256	—
6"	.014	5/8"-11 UNC	1-1/4"	6,600	1	14066 *▲	—	—
	.020					14076 ■*	14166*	—

* With internal nut
 ■ Available in Display Pack. Add "P" to end of Item Number when placing order.
 ▲ Available in non-sparking Bronze wire.



V WOLVERINE CRIMPED WIRE CUP BRUSHES

Provide flexible brushing action and cost-effective performance in general purpose cleaning applications.

Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number
						Steel
4"	.020	5/8"-11 UNC	1-1/8"	9,000	1	36236
6"	.020	5/8"-11 UNC	1-1/2"	6,600	1	36237*

* With internal nut



P THREADED ADAPTERS

For mounting brushes with a 5/8"-11 UNC nut to other threaded spindles.

Fixed Thread Size	Adapted Thread Size	Standard Pack	Item Number
5/8" - 11 UNC	M10 x 1.25	10	07771 ■
5/8" - 11 UNC	M10 x 1.50	10	07772 ■
5/8" - 11 UNC	3/8" - 16 UNC	10	07769
5/8" - 11 UNC	3/8" - 24 UNF	10	07746

■ Available in Display Pack. Add "P" to end of Item Number when placing order.



STEM-MOUNTED END BRUSHES



Cleaning hard-to-reach fillet welds with a Controlled Flare End Brush.

MADE IN USA
WITH GLOBAL MATERIALS

Weiler's wire end brushes are intended primarily for use on high-speed portable power tools for addressing smaller surfaces and recessed areas. End brushes feature an integral 1/4" Steel stem for safe operation at high speed and quick mounting into the collet or chuck of either electric or pneumatic die grinders.

End brushes are manufactured with the highest quality construction for smooth, efficient performance and long life. Weiler's end brushes are available in heat-treated Steel, Type 302 Stainless Steel, and Bronze wire.

APPLICATIONS

- Cleaning ID's, internal passages & recessed areas
- Removing die flash and excess molded material
- Deburring internal edges and cross-hole intersections
- Spot facing



P KNOT WIRE END BRUSHES

Features a hollow end and heavy-duty brushing action with some flexibility; ideal for more demanding cleaning applications in recessed areas.



Diameter	Wire Size	Trim Length	Max. RPM	Standard Pack	Item Number		
					Steel	Stainless	Bronze
1/2"	.006	1-1/8"	20,000	10	—	10215*	—
	.0104				10208	10216	—
	.014				10217	10218	—
3/4"	.006	1-1/8"	20,000	10	—	10220*	—
	.0104	7/8"	25,000		10210	10211	—
	.014				10025 ■	10029	—
	.020				10026 ■	10030	—
1-1/8"	.006	1"	20,000	10	10141 *	10142 •*	—
	.0104	1-1/8"	22,000		10212	10213	—
	.0118	7/8"			10187	—	—
	.014				10027 ■	10031	—
	.020				10028 ■	10032	10067

■ Available in Display Pack. Add "P" to end of Item # when placing order. • Coated Cup * Globally sourced product

V WOLVERINE® KNOT WIRE END BRUSHES

Features a similar hollow-end construction and provides heavy-duty brushing action, but have been engineered to provide cost-effective use for less demanding applications.



Diameter	Wire Size	Trim Length	Max. RPM	Standard Pack	Item Number
					Steel
3/4"	.014	7/8"	22,000	10	36286
	.020		22,000		36250
1"	.014	7/8"	22,000	10	36288
	.020		22,000		36251

P KNOT WIRE END BRUSHES Banded

Features a pair of bands around the fill to reduce the exposed trim length and limit brush flaring to provide a very aggressive, controlled brushing action.



Diameter	Wire Size	Trim* Length	Max. RPM	Standard Pack	Item Number
					Steel
1-1/8"	.014	3/8"	18,000	10	11140
	.020				11141

* Trim length from bands

P CRIMPED WIRE END BRUSHES

Features a solid end construction and very flexible brushing, ideal for more demanding light-duty cleaning applications in corners and hard-to-reach areas.



Diameter	Wire Size	Trim Length	Max. RPM	Standard Pack	Item Number	
					Steel	Stainless
1/2"	.006	7/8"	25,000	10	10001	10013
	.0104				10002	10014
	.014				10003	10015
	.020				10004	10016
3/4"	.006	7/8"	22,000	10	10005	10017
	.0104				10006	10018
	.014				10007	10019
	.020				10008	10020
1"	.006	1"	22,000	10	10009	10021
	.0104				10010	10022
	.014				10011	10023
	.020				10012	10024
		1-1/8"				

■ Available in Display Pack. Add "P" to end of Item Number when placing order.



WHY WELER

V WOLVERINE® CRIMPED WIRE END BRUSHES

Features similar solid end construction and flexible brushing action, but they have been engineered to provide cost-effective use for less demanding applications.



Diameter	Wire Size	Trim Length	Max. RPM	Standard Pack	Item Number	
					Steel	Stainless
1/2"	.0104	7/8"	25,000	10	36282	-
3/4"	.006	7/8"	22,000	10	-	36283
	.0104				36247	-
	.014				36246	-
1"	.006	7/8"	22,000	10	36284	36285
	.0104				36249	-
	.014				36248	-



BONDED ABRASIVES

P CONTROLLED FLARE END BRUSHES*

Features uniquely trimmed crimped wire fill for more effective brushing action and greatly enhanced durability when cleaning corners and fillet welds.



Diameter	Wire Size	Trim Length	Max. RPM	Standard Pack	Item Number	
					Steel	Stainless
1/2"	.0104	7/8"	25,000	10	10301	10313
	.014				10302	10314
	.020				10303	10315
3/4"	.0104	7/8"	22,000	10	10305	10317
	.014				10306	-
	.020				10307	10319
1"	.0104	1"	22,000	10	10309	10321
	.014				10310	10322
	.020				10311	10323

*Patent #8,186,000 B2



COATED ABRASIVES

BRUSHES

Key:

P PERFORMANCE LINE Industrial Grade **V** VALUE LINE Professional Grade

CRIMPED WIRE WHEELS



Removing carbon build-up from an engine.

Identifiable by their copper center, crimped wire wheels are used on a variety of portable tools and stationary machines. These radial brushes are available in heat-treated Steel, Type 302 Stainless Steel and Brass wire.

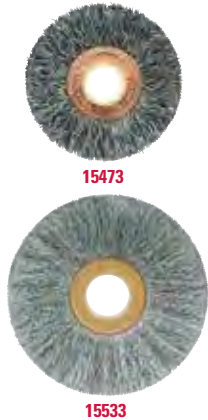
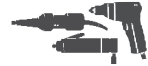


APPLICATIONS

- Cleaning threads
- Cleaning and finishing ID's and recessed areas
- Paint removal and surface cleaning
- Light deburring
- Removing rust and light corrosion
- Removing carbon build-up and deposits

P SMALL DIAMETER WHEELS

Provides a flexible brushing action and consistent performance for light-duty cleaning and deburring applications requiring a small wheels.



Dia.	Wire Size	Arbor Hole	Face Width	Trim Length	Max. RPM	Std. Pack	Item Number	
							Steel	Stainless
2"	.006	1/2"	3/8"	1/2"	20,000	10	15433	—
	.0104	1/2"					15453	—
	.014	1/2"-3/8"					15473	—
3"	.006	1/2"-3/8"	5/8"	1"	20,000	10	15533	16933
	.006	5/8"		15/16"			15637	—
	.0104	1/2"		1"			15553	—
	.014	1/2"-3/8"		1"			15573	16973

THREADED SHAFT DRIVE ARBOR

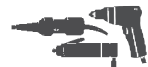
For mounting small diameter wheels into a collet or chuck.



Arbor Dia.	Stem Dia.	Stem Length	Length of Shaft	For Brushes w/ Max. Dia.	Max. RPM	Std. Pack	Item Number
1/2"	1/4"	7/8"	3/4"	3"	20,000	5	07721

P CONFLEX BRUSHES

Small diameter copper center wheels permanently mounted onto a 1/4" stem to provide a very flexible brushing action.

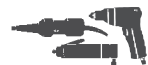


Dia.	Wire Size	Face Width	Trim Length	Max. RPM	Std. Pack	Item Number		
						Steel	Stainless	Brass
2"	.006	3/8"	1/2"	20,000	10	17609	—	—
	.0118					17610	17611	—
3"	.008	1/2"	1"	20,000	10	17615 ■	—	—
	.0118					17616	—	17641
	.014					17617 ■	17618	—

■ Available in Display Pack. Add "P" to end of Item Number when placing order.

P WIDE FACE CONFLEX BRUSHES

Small diameter copper center wheels permanently mounted onto a 1/4" stem to provide a very flexible brushing action.



Dia.	Wire Size	Face Width	Trim Length	Max. RPM	Std. Pack	Item Number	
						Steel	Stainless
2"	.0118	3/4"	7/16"	20,000	10	17619	—
3"	.008	1"	15/16"	20,000	10	17621	17637
	.0118					17622	—
	.014					17623	—

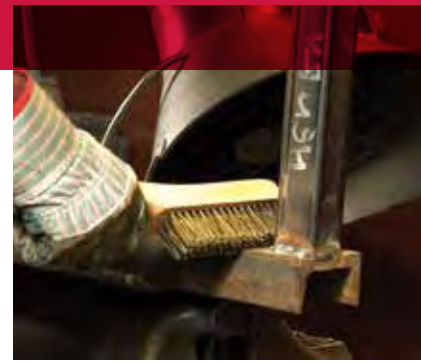


HAND BRUSHES

SCRATCH BRUSHES | CHIP & OIL BRUSHES

SCRATCH BRUSHES

Weiler's extensive Scratch Brush offering includes many block and handle types and sizes. The wide variety of fill materials available assures the right brush for the right job. Common applications are cleaning dirt, rust, scale, chips and paint; plating and welding operations.



Cleaning surface rust in order to repair a weld.

P CURVED HANDLE SCRATCH BRUSHES Hardwood block

Ideal for cleaning and prepping surfaces.

Block Size	Brush Length	Number of Rows	Trim Length	Standard Pack	Item Number
.012 Steel Wire					
13-3/4" x 1-1/8"	5-1/4"	3 x 14	1-1/4"	12	44594*
14" x 7/8"	5-1/2"	3 x 19	1-3/16"	12	44053
14" x 1-1/8"	6"	4 x 18	1-3/16"	12	44056
.012 Steel Wire with Scraper					
14" x 7/8"	5-1/2"	3 x 19	1-3/16"	12	44055
14" x 1-1/8"	6"	4 x 18	1-3/16"	12	44058
.012 Stainless Steel Wire					
13-3/4" x 1-1/8"	5-1/4"	3 x 14	1-1/4"	12	44432*
14" x 7/8"	5-1/2"	3 x 19	1-3/16"	12	44054
14" x 1-1/8"	6"	4 x 18	1-3/16"	12	44057

* V-Groove



V VORTEC PRO® CURVED HANDLE SCRATCH BRUSHES

Reliable and efficient brushes at a value price.

Block Size	Brush Length	Number of Rows	Trim Length	Standard Pack	Item Number
.012 Steel Wire					
13-1/2" x 1"	6"	3 x 19	1"	12	25150
14" x 1-1/8"	6"	4 x 18	1"	12	25201
.012 Stainless Steel Wire					
13-1/2" x 1"	6"	3 x 19	1"	12	25154
14" x 1-1/8"	6"	4 x 18	1"	12	25202



P SHOE HANDLE SCRATCH BRUSHES Hardwood block

Ideal for cleaning and prepping surfaces.

Block Size	Brush Length	Number of Rows	Trim Length	Standard Pack	Item Number
.012 Steel Wire					
10" x 3/8"	5"	1 x 17	1-1/16"	12	44100
10" x 5/8"	5"	2 x 17	1-3/16"	12	44061
10" x 1-1/8"	5"	4 x 16	1-3/16"	12	44063
11"	5"	4 x 16	1-3/16"	12	73217•
.012 Steel Wire with Scraper					
10" x 1-1/8"	5"	4 x 16	1-3/16"	12	44065
.012 Stainless Steel Wire					
10" x 3/8"	5"	1 x 17	1-1/16"	12	44101
10" x 3/8"	5"	1 x 17	3/4"	12	44235
10" x 5/8"	5"	2 x 17	1-3/16"	12	44062
10" x 1-1/8"	5"	4 x 16	1-3/16"	12	44064
11"	5"	4 x 16	1-3/16"	12	44299•
.012 Brass Wire					
11"	5"	4 x 16	1-1/4"	12	73218•

• Plastic block



WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

HAND BRUSHES



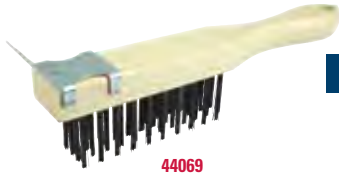
25100



VORTEC PRO® SHOE HANDLE SCRATCH BRUSHES

Reliable and efficient brushes at a value price.

Block Size	Brush Length	Number of Rows	Trim Length	Standard Pack	Item Number
.012 Steel Wire					
10" x 1"	5"	4 x 16	1"	12	25100
.012 Stainless Steel Wire					
10" x 1"	5"	4 x 16	1"	12	25104



44069



HEAVY-DUTY SCRATCH BRUSH WITH SCRAPER .012 Steel Wire

Ideal for cleaning and prepping surfaces.

Block Size	Brush Length	Number of Rows	Trim Length	Standard Pack	Item Number
11-1/2" x 1-1/2"	5-1/2"	4 x 11	1-1/2"	12	44069



25211



VORTEC PRO HEAVY-DUTY SCRATCH BRUSH WITH SCRAPER .012 Steel Wire

Reliable and efficient brushes at a value price.

Block Size	Brush Length	Number of Rows	Trim Length	Standard Pack	Item Number
11-1/2" x 1-1/2"	5"	4 x 11	1-5/8"	12	25211



SMALL HAND SCRATCH BRUSHES

Ideal for cleaning and prepping surfaces.



44075



44551



44189



95151



99383



44732

*Wire drawn

Block Size	Block	Number of Rows	Wire Size	Trim Length	Standard Pack	Item Number
Stainless Steel Wire						
7-1/2" x 1/2"	Plastic	3 x 7	.006	1/2"	36	44075
7-1/2" x 1/2"	Wood	3 x 7	.006	1/2"	36	44167+
7-3/4" x 3/8"	Wood	3 x 7	.006	1/2"	36	44551*
8-3/4" x 1/2"	Wood	2 x 9	.006	5/8"	36	95013
Straight Brass Wire						
7-1/2" x 1/2"	Wood	3 x 7	.006	1/2"	36	44189
Crimped Brass Wire						
6" x 1/2"	Wood	3 x 10	.005	5/8"	72	44619
8-3/4" x 1/2"	Wood	2 x 9	.008	5/8"	36	95014
Crimped Aluminum						
6-3/4" x 1-5/8"	Wood	6 x 9	.008	5/8"	12	95151
8-3/4" x 1/2"	Wood	2 x 9	.008	5/8"	36	44251
Straight Black Nylon						
6-1/2" x 1/2"	Plastic	4 x 15	.010	1/2"	24	99383
7-1/2" x 1/2"	Wood	3 x 7	.012	1/2"	36	44637
White Nylon						
7-1/2" x 1/2"	Plastic	3 x 7	.016	1/2"	36	44609
Double-Sided Brass/White Nylon						
7-1/2" x 1/2"	Plastic	3 x 7	.006/.016	1/2"	24	44731
Double-Sided Brass/Stainless Steel						
7-1/2" x 1/2"	Plastic	3 x 7	.006/.016	1/2"	24	44732
Double-Sided Stainless Steel/White Nylon						
7-1/2" x 1/2"	Plastic	3 x 7	.006/.016	1/2"	24	44733

+ Countertop display available.

* Wire drawn



VORTEC PRO SMALL HAND SCRATCH BRUSHES

Reliable and efficient brushes at a value price.



44806

Block Size	Handle	Number of Rows	Trim Length	Standard Pack	Item Number
.006 Stainless Steel Wire					
7-1/2" x 1/2"	Wood	3 x 7	1/2"	36	44805
7-1/2" x 1/2"	Plastic	3 x 7	1/2"	36	44806
.006 Straight Brass Wire					
7-1/2" x 1/2"	Wood	3 x 7	1/2"	36	44810

CHIP AND OIL BRUSHES

Chip and Oil brushes are inexpensive, multi-purpose brushes for use in applications requiring disposable brushes.

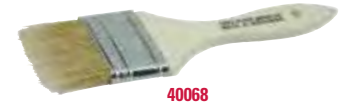


Applying pipe coating to weld seams.

P CHIP AND OIL BRUSHES

High quality disposable brushes.

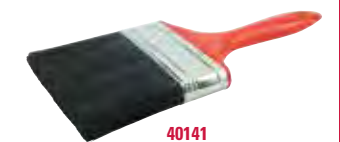
Width	Thickness	Bristle Length	Standard Pack	Item Number
White Bristle - Wood Handle				
1/2"	5/16"	1-1/2"	30	40065
1"	5/16"	1-1/2"	30	40066
1-1/2"	5/16"	1-1/2"	30	40067
2"	5/16"	1-1/2"	20	40068
2-1/2"	3/8"	1-1/2"	20	40069
3"	3/8"	1-1/2"	10	40070
4"	5/8"	1-5/8"	10	40071
	3/8"	2"		40076



V VORTEC PRO® CHIP AND OIL BRUSHES

Reliable and efficient brushes at a value price.

Width	Thickness	Bristle Length	Standard Pack	Item Number
White Bristle - Wood Handle				
1/2"	5/16"	1-1/2"	36	40177
1"	5/16"	1-1/2"	36	40179
1-1/2"	5/16"	1-1/2"	24	40180
2"	5/16"	1-1/2"	24	40181
2-1/2"	3/8"	1-1/2"	12	40182
3"	3/8"	1-1/2"	12	40183
4"	5/8"	1-3/4"	12	40184
	3/8"			40185
Black Bristle - Plastic Handle				
1/2"	1/4"	1-5/8"	30	40160
1"	5/16"	1-5/8"	30	40161
1-1/2"	5/16"	1-5/8"	30	40162
2"	5/16"	1-5/8"	20	40163
2-1/2"	3/8"	1-3/4"	20	40164
3"	3/8"	1-3/4"	10	40165
4"	11/16"	2"	10	40166
Grey China Bristle - Plastic Handle				
1/2"	1/4"	1-1/2"	48	40026
1"	5/16"	1-1/2"	36	40027
1-1/2"	5/16"	1-1/2"	24	40028
2"	3/8"	1-1/2"	24	40029
2-1/2"	1/2"	1-1/2"	12	40030
3"	1/2"	1-1/2"	12	40031
4"	11/16"	1-1/2"	12	40032
Black Synthetic - Red Plastic Handle				
1"	5/16"	1-3/4"	36	40137
2"	3/8"	1-3/4"	24	40139
3"	1/2"	1-3/4"	12	40140
4"	11/16"	2-3/4"	12	40141



WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

HAND BRUSHES

Key:

P PERFORMANCE LINE Industrial Grade **V** VALUE LINE Professional Grade

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56384	11	57109	16	58201	11	58385	12	60177	35	62057	34	79812	39
56385	11	57119	14	58202	11	58386	12	60378	35	62058	34	79813	39
56391	11	57120	14	58203	11	58387	12	60381	35	62062	34	79814	39
56392	11	57121	14	58205	11	58388	12	60382	35	62063	34	79815	39
56393	11	57122	14	58206	11	58389	12	60384	35	62064	34	95013	50
56423	16	57123	14	58207	11	58390	12	60391	35	62065	34	95014	50
56424	16	57124	14	58208	11	58391	12	60394	35	62066	34	95151	50
56425	16	57125	14	58209	11	58392	12	60395	35	62067	34	99383	50
56426	16	57126	14	58210	11	58393	12	60398	35	62068	34		
56427	16	57127	14	58211	11	58394	12	60400	33	62072	34		
56428	16	57128	14	58212	11	58395	12	60401	33	62073	34		
56429	16	57129	14	58215	16	58396	12	60402	33	62074	34		
56430	16	57134	15	58216	16	58397	12	60403	33	62075	34		
56449	15	57135	15	58217	16	58398	12	60404	33	62076	34		
56454	15	57136	15	58218	16	58399	12	60406	33	62077	34		
56455	15	57137	15	58219	16	58400	12	60410	33	62078	34		
56457	15	57140	20	58220	16	58401	12	60411	33	62082	34		
56464	15	57145	20	58221	16	58402	12	60412	33	62083	34		
56466	15	58000	11	58222	16	58403	12	60413	33	62084	34		
56467	15	58001	11	58225	14	58404	12	60414	33	62085	34		
56468	15	58002	11	58226	14	58405	12	60416	33	62086	34		
56469	15	58003	11	58227	14	58406	12	60420	33	62087	34		
56470	15	58005	10	58228	14	58407	12	60421	33	62088	34		
56473	15	58006	10	58229	14	58408	12	60422	33	68300	19		
56474	11	58011	12	58230	14	58409	12	60423	33	68302	19		
56475	11	58012	12	58231	14	58410	12	60424	33	68303	19		
56476	11	58013	12	58232	14	58411	12	60426	33	68305	19		
56477	11	58014	12	58233	14	58412	12	60508	29, 35	68307			

THE WEILER PROMISE

At Weiler, we passionately embrace change to improve our products and our processes to move the company and our customers forward. By bringing new ideas and creative problem solving together in an open, collaborative environment, we will improve our customers' productivity and create profitable growth.



WEILER ABRASIVES GROUP

Weiler
One Weiler Drive
Cresco, PA 18326
USA

Weiler de México
Querétaro, México

Weiler do Brasil
Vinhedo, Brazil

Weiler Germany
Bindlach, Germany

Weiler Slovenia
• Maribor (HQ)
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800.835.9999 / weilerabrasives.com



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