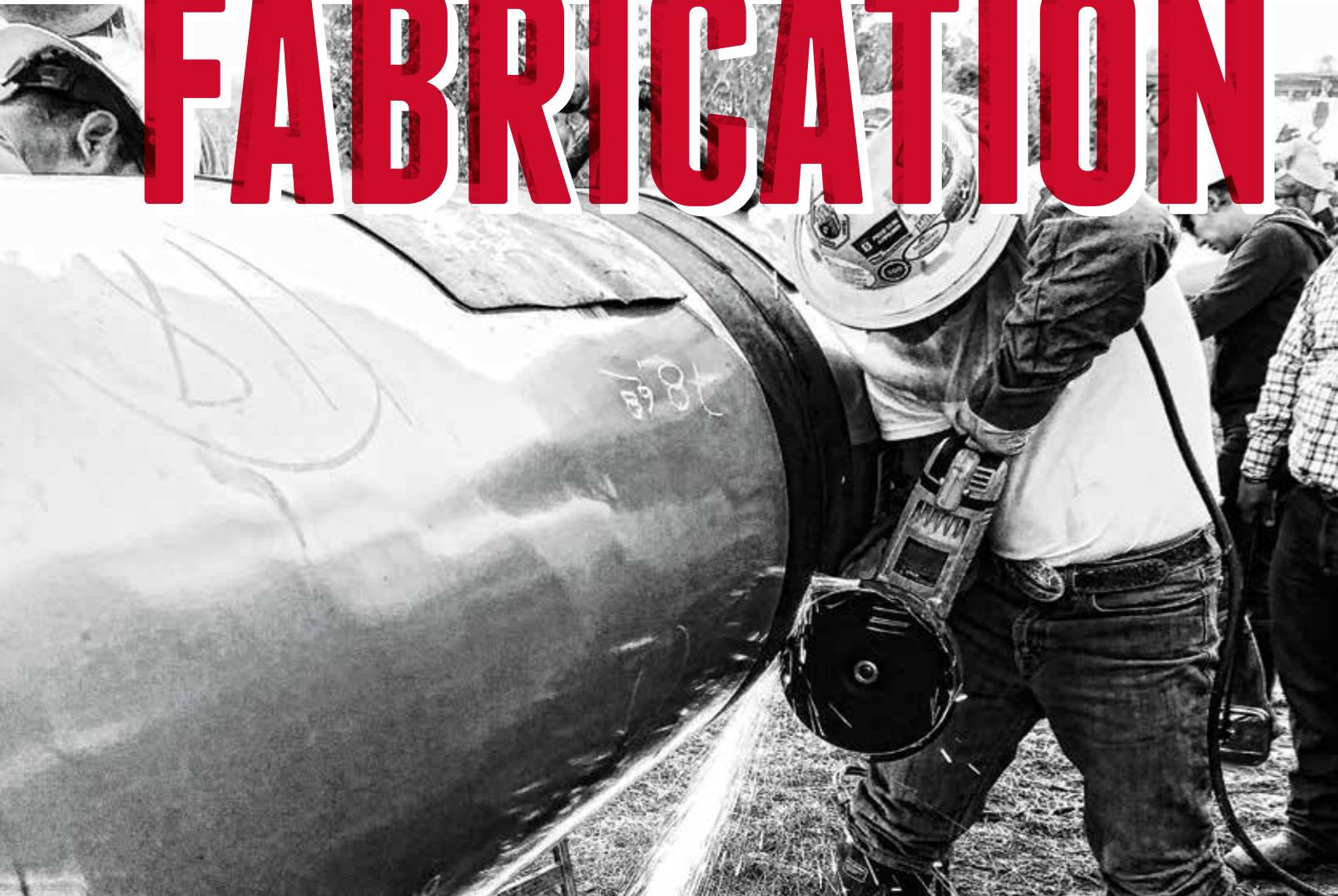


METAL FABRICATION



Eighth Edition

Solutions for Cutting, Grinding, Cleaning and Finishing.



W
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R

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.



WHEN USING ABRASIVES & BRUSHES

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

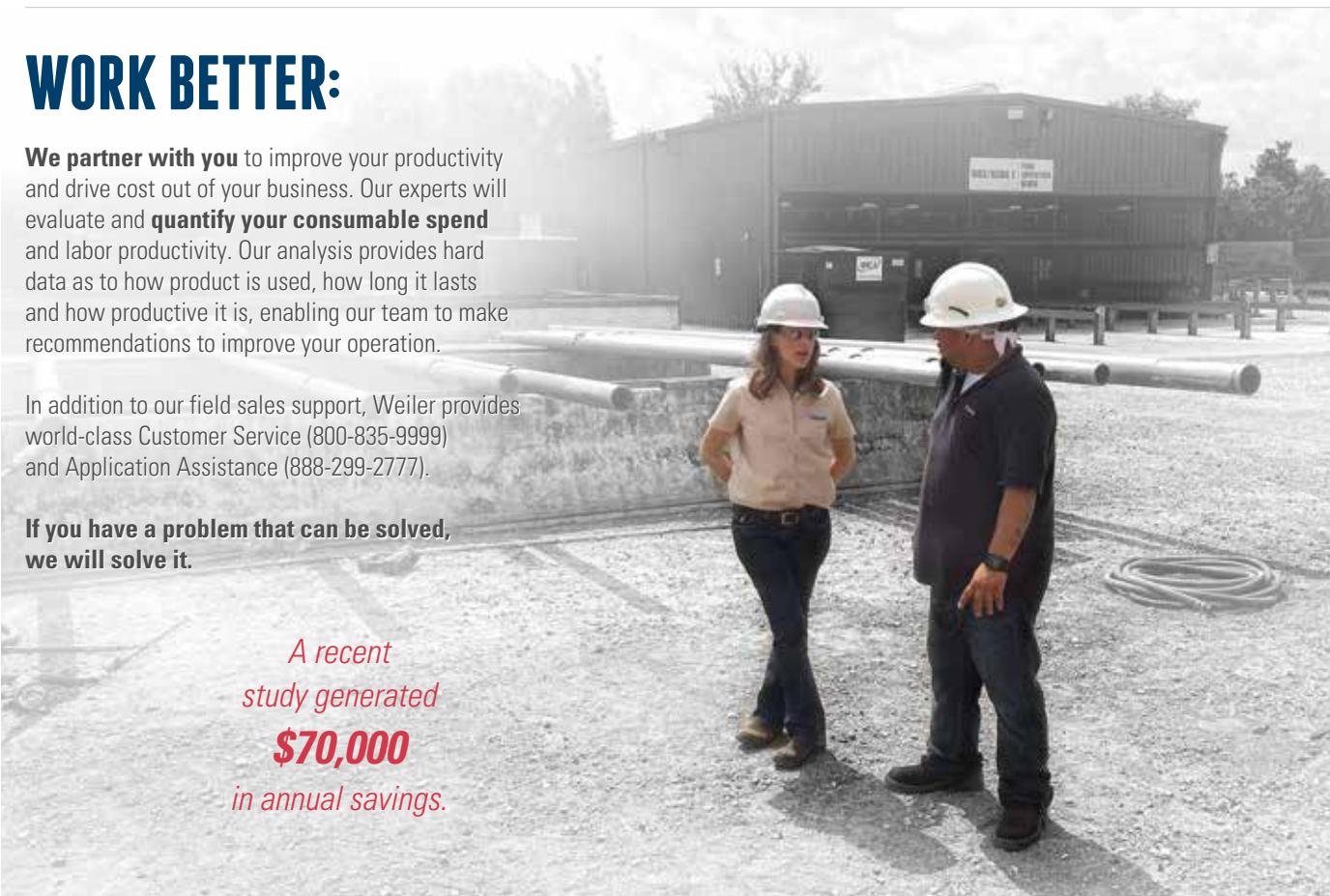
WORK BETTER:

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.*





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

Food & Pharma

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.

Bonded Selection Guide	8-9
Cutting Wheels	10-13
Small Diameter Wheels	12
Large Diameter Wheels	13
Grinding Wheels	14-15
Combo Wheels	16
Pipeline Wheels	17
Cups, Cones & Plugs	18-19
Accessories	15

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.

Flap Disc Selection Guide	22-23
Flap Discs	24-29
Flap Wheels	30-31
Resin Fiber Discs	32-34
Blending Discs	35

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.

Superior performance is now even easier to see. Our most popular **stainless steel brushes are now color-coded black** for easy identification, even during operation. See the items bold in black throughout this section.

Wire Brush Selection Guide	37
Weld Cleaning Brushes	38-40
Knot Wire Wheels	41
Wire Cup Brushes	42-43
Stem-Mounted End Brushes	44-45
Crimped Wire Wheels	46
Scratch Brushes	49-50
Chip & Oil Brushes	51

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 EDGEBRASHERS



CUTTING WHEELS | GRINDING WHEELS | COMBO WHEELS | PIPELINE WHEELS | CUPS, CONES & PLUGS

SELECTING THE RIGHT WHEEL

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



P MAX PERFORMANCE SUPERIOR LIFE & CUT



CUT RATE: ● ● ● ●
LIFE: ● ● ● ●

TIGER® CERAMIC

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

GRAIN TYPE

Ceramic alumina

BEST ON

STEEL / METAL
STAINLESS HARD-TO-GRIND

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

TIGER® PIPELINE

Designed for bead and angle grinding applications on the pipeline.

GRAIN TYPE

Zirconia alumina + ceramic alumina infusion

BEST ON

STEEL / METAL

P HIGH PERFORMANCE FAST CUT & LONG LIFE



CUT RATE: ● ● ● ● ●
LIFE: ● ● ● ●

TIGER ZIRC

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

GRAIN TYPE

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

BEST ON

STEEL / METAL
includes structural steel and cast iron

TIGER INOX

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

GRAIN TYPE

White aluminum oxide

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

BEST ON

STAINLESS
and harder grade steel

TIGER ALUMINUM

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

GRAIN TYPE

Silicon carbide / aluminum oxide blend

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

BEST ON

ALUMINUM

P PERFORMANCE LONG LIFE



CUT RATE: ● ● ● ● ●
LIFE: ● ● ● ● ●

TIGER AO

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

GRAIN TYPE

Aluminum oxide

BEST ON

STEEL / METAL

V VALUE FAST CUT



CUT RATE: ● ● ● ● ●
LIFE: ● ● ● ● ●

WOLVERINE®

Fast cut rate and consistent performance at a good value.

GRAIN TYPE

Aluminum oxide

BEST ON

STEEL / METAL

Key:

P PERFORMANCE LINE
Industrial Grade

V VALUE LINE
Professional Grade

Refer to ANSI B7.1 for storage & handling details

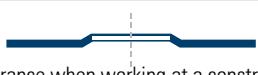
All products meet ANSI B7.1

TYPE

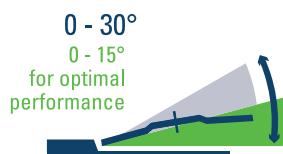
Selecting the best wheel type for your application increases wheel effectiveness and user productivity.

Cutting**Type 1 (Flat)**

Flat profile allows for deep cuts

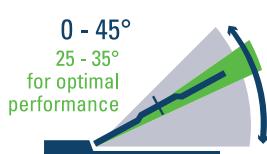
Type 27 (Depressed Center)

Added clearance when working at a constrained angle

Grinding**Type 28 (Depressed Center)**

0 - 30°
0 - 15°
for optimal performance

Designed for increased aggression at lower working angles and increased access

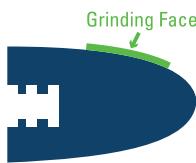


0 - 45°
25 - 35°
for optimal performance

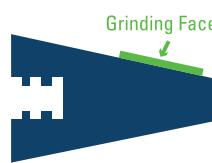
Flat profile with depressed center allows for a wide range of grinding angles (0-45)

Type 11 Cup

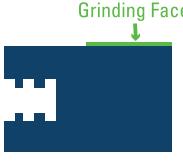
0 - 15°
for optimal performance

Type 16 Cone

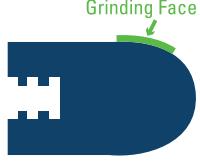
Grinding Face

Type 17 Cone

Grinding Face

Type 18 Plug

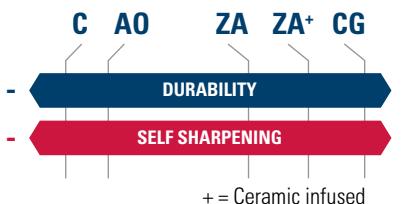
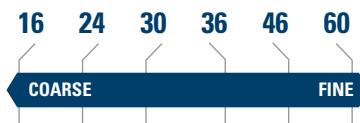
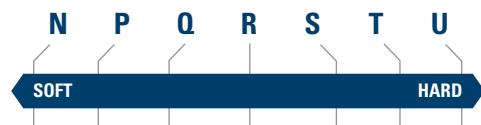
Grinding Face

Type 18R Plug

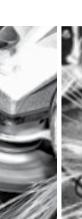
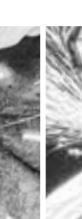
Grinding Face

GRAIN / GRIT / GRADE

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

Grain**Grit****Hardness****APPLICATION**

When selecting a wheel, always choose the thinnest wheel that will perform the cut while maintaining desired product life.

**ULTRA THIN WHEEL
1MM****THIN WHEEL WHEEL
.045"****THIN WHEEL
.060"****CUTTING WHEEL
3/32"****PIPELINE NOTCHING WHEEL
1/8"****COMBO WHEEL
1/8"****PIPELINE NOTCHING WHEEL
1/8"****GRINDING WHEEL
1/4"****CONES & PLUGS****CUP WHEELS**

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

Tubes, bar stock and large cross-sections

Angle Iron, large cross-sections

Notching

Switching between cutting and grinding

For tough root pass notching & facing applications on the pipeline

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

I.D. cleaning, hole edge beveling, smoothing weld seams, removing gates & parting lines

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

CUTTING WHEELS



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

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*

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)

58006

58131

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"

P MAX PERFORMANCE CUTTING

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

Diameter	Thickness	Grade	Max. RPM	TYPE 1 7/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub	
				Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.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



58000



58110



58206



57040



56474



56103

P HIGH PERFORMANCE CUTTING

STEEL / METAL	TIGER ZIRC	/ Fast Cut & Long Life
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Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.045"	Z60T	13,300	25	58000	25	58020	10	58030
5"	.045"	Z60T	12,200	25	58001	25	58021	10	58031
6"	.045"	Z60T	10,200	25	58002	25	58022	10	58032
7"	.060"	Z60T	8,500	25	58003	25	58023	10	58033

STAINLESS	TIGER INOX	/ Contaminant-free*							
4-1/2"	.045"	INOX60S	13,300	25	58100	25	58110	10	58109
5"	.045"	INOX60S	12,200	25	58101	25	58111	—	—
6"	.045"	INOX60S	10,200	25	58102	25	58112	10	58113
7"	.060"	INOX60S	8,500	25	58103	25	58107	—	—

ALUMINUM	TIGER ALUMINUM	/ Non-loading	/ Contaminant-free*
4-1/2"	.045"	ALU60S	13,300
5"	.045"	ALU60S	12,200
6"	.045"	ALU60S	10,200
7"	.060"	ALU60S	8,500

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #	Std. Pack	Item #
4-1/2"	.045"	A60T	13,300	25	58200	25	58205	10	58206
5"	.045"	A60T	12,200	25	58201	25	58207	10	58208
6"	.045"	A60T	10,200	25	58202	25	58209	10	58210
7"	.060"	A60T	8,500	25	58203	25	58211	10	58212

P PERFORMANCE CUTTING

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

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

V CUTTING

STEEL / METAL	WOLVERINE AO	/ Fast Cutting
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Dia.	Thickness	Grade	Max. RPM	Pack	Item #	Pack	Item #
4"	.035"	A60T	15,300	25	56271	—	—
	3/32"	A24T	15,200	—	—	25	56474

V CUTTING

STEEL / METAL	WOLVERINE® AO	/ Fast Cutting
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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

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

WHY WEILER
BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

11

TYPE 1 CUTTING WHEELS FOR DIE GRINDERS



58348

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
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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		100	57015	100	57011
	1/8"	A36T		100	57016	100	57012
3"	.035"	A60T	25,000	100	57065	100	57001
	1/16"	A36T		100	57066	100	57060
	1/8"	A36T		100	57068	100	57063
4"	.035"	A60T	19,000	25	57075	25	57070
	1/16"	A36T		25	57076	25	57071
	1/8"	A36T		25	57077	25	57072

V VALUE CUTTING

STEEL / METAL	WOLVERINE® AO / Fast Cut
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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		100	56015	100	56129
	1/8"	A36S		100	56022	100	56130
3"	.035"	A60T	25,000	100	56061	100	56062
	1/16"	A36T		100	56065	100	56068
	1/16"	A60T		—	—	100	56070
	1/8"	A36T		100	56270	100	56076
	1/8"	A36S		50	56060	—	—
4"	.035"	A60T	19,000	25	56165	25	56080
	1/16"	A36T		25	56166	25	56086
	1/8"	A36T		—	—	25	56099
	1/8"	A36S		25	56167	—	—

SNAGGING WHEELS FOR DIE GRINDERS



57064

P PERFORMANCE SNAGGING

STEEL / METAL	TIGER AO / Long Life
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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	10	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



**STUD
CUTTING**



P PERFORMANCE CUTTING

STEEL / METAL TIGER AO / Long Life

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

♦ Softer bond for smoother, faster cutting.

V CUTTING

STEEL / METAL WOLVERINE AO / Fast Cutting

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

TYPE 1 FOR HIGH SPEED SAWs



P HIGH PERFORMANCE CUTTING

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

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

P PERFORMANCE CUTTING

STEEL / METAL TIGER AO / Long Life

Diameter	Thickness	Arbor	Grade	Description	Max. RPM	Std. Pack	Item #
12"	1/8"	1"	A30T	Long Life Cutting	6,400	25	57030
12"	1/8"	20 mm	A30T	Long Life Cutting	6,400	25	57031
14"	1/8"	1"	A30T	Long Life Cutting	5,500	10	57032
14"	1/8"	20 mm	A30T	Long Life Cutting	5,500	10	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 FOR STATIONARY SAWs



P PERFORMANCE CUTTING

STEEL / METAL TIGER AO / Long Life

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

V CUTTING

STEEL / METAL WOLVERINE AO / Fast Cutting

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



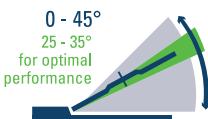
GRINDING WHEELS

0 - 45°



Grinding on a platform for weld preparation.

TYPE 27 FOR GRINDERS



58326



Cut back provides instant aggressive grinding on new wheels

P MAX PERFORMANCE GRINDING

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

HARD-TO-GRIND

Dia.	Thickness	Grade	Max. RPM	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

TYPE 27
5/8" Arbor

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

P HIGH PERFORMANCE GRINDING

STEEL / METAL **TIGER ZIRC** / Ceramic-infused

Fast Cut & Long Life

Dia.	Thickness	Grade	Max. RPM	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

TYPE 27
5/8" Arbor

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

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

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

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

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

P PERFORMANCE GRINDING

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

Dia.	Thickness	Grade	Max. RPM	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

TYPE 27
5/8" Arbor

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub

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.

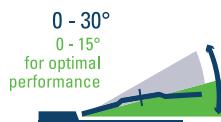


V GRINDING

STEEL / METAL WOLVERINE® AO / Fast Cutting

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

TYPE 28 FOR GRINDERS



P HIGH PERFORMANCE GRINDING

STEEL / METAL TIGER® ZIRC / Ceramic-infused

Fast Cut & Long Life

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #
7"	1/4"	Z24T	8,500	10	58081	10	58080
9"	1/4"	Z24T	6,600	10	58083	10	58082

P PERFORMANCE GRINDING

STEEL / METAL TIGER AO / Long Life

Diameter	Thickness	Grade	Max. RPM	Std. Pack	Item #	Std. Pack	Item #
7"	1/4"	A24R	8,500	10	57135	10	57134
9"	1/4"	A24R	6,600	10	57137	10	57136

ACCESSORIES

ADAPTING NUTS & SPANNER WRENCH

For 4-1/2" - 9" Angle Grinders.

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

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



WHY WEILER

BEST

BRUSHES

COMBO WHEELS



Weld removal with Tiger combo wheel.

TYPE 27 FOR GRINDERS



58315

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



58054

P

HIGH PERFORMANCE CUT / GRIND COMBO

STEEL / METAL **TIGER ZIRC / Fast Cut & Long Life**
STAINLESS **TIGER INOX / 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"	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

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



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



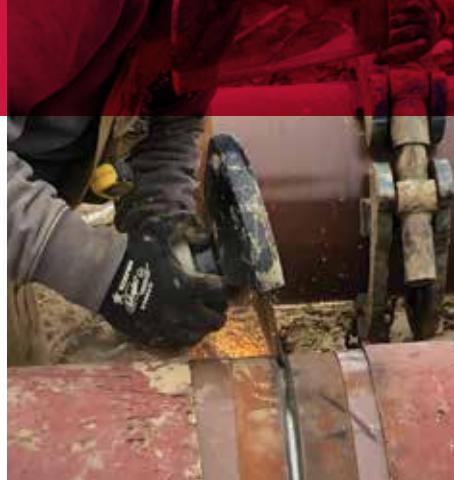
56425

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

Pipeline Wheels

TYPE 27 FOR PIPELINE

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:

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

P HIGH PERFORMANCE PIPELINE GRINDING WHEELS

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

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

TYPE 27
5/8"-11 Nut

One Wheel for



58094

TYPE 27 FOR MECHANIZED PIPE WELDING

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

FEATURES:

- Designed to Fit** – Tiger Mech reaches the bead without widening the bevel.
- Optimized Performance** – Designed specifically to grind starts and stops on J and K bevels.
- Superior Life & Cut** – A blend of Zirconia Alumina and Ceramic grains bite into the bead fast while the strong bond delivers long wheel life.



NOTCHING

P HIGH PERFORMANCE MECH NOTCHING WHEELS

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

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

TYPE 27
5/8"-11 Nut

+ Specific size for mechanized pipe welds



58067

RISE'N
GRIND™



CUPS, CONES & PLUGS - FOR METAL FABRICATION



Type 11 Cup Rock for snagging and heavy stock removal.

TYPE 11 FOR GRINDERS

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



68352



68356



73054

ANCHORED NUT INCREASES SAFETY

Our testing shows that the Weiler anchored safety nut outperformed the industry standard metal back:

- Up to 3X higher torque holding strength
- Double speed burst testing ratings

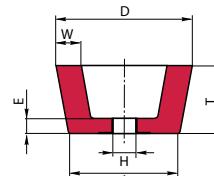
Weiler Tiger cups, cones and plugs deliver the right combination of performance and value. Aluminum oxide grains in combination with a strong bond deliver long product life and a consistent cut-rate for grinding metal. Whether you are in a fab shop, foundry, or shipyard you can count on Tiger to get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

CUP FEATURES:

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

APPLICATIONS:

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



TYPE 11 FLARING CUP WHEELS

HIGH PERFORMANCE GRINDING

STEEL / METAL TIGER ZIRC / Fast Cut & Long Life

Diameter (D / J)	Thickness (T)	Arbor (H)	Rim (W)	Back (E)	Grade	Max. RPM	Std. Pack	Item #
4" / 3"	2"	5/8"-11	3/4"	3/4"	ZA16Q	9,070	5	68352
5" / 3-3/4"	2"	5/8"-11	1"	3/4"	ZA16Q	7,260	5	68355
6" / 4-3/4"	2"	5/8"-11	1"	3/4"	ZA16Q	6,000	5	68358
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZAC16Q	6,000	5	68361+
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZA16R	6,000	5	68362
6" / 4-3/4"	2"	5/8"-11	1-1/2"	3/4"	ZA16Q	6,000	5	68364

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

P PERFORMANCE GRINDING

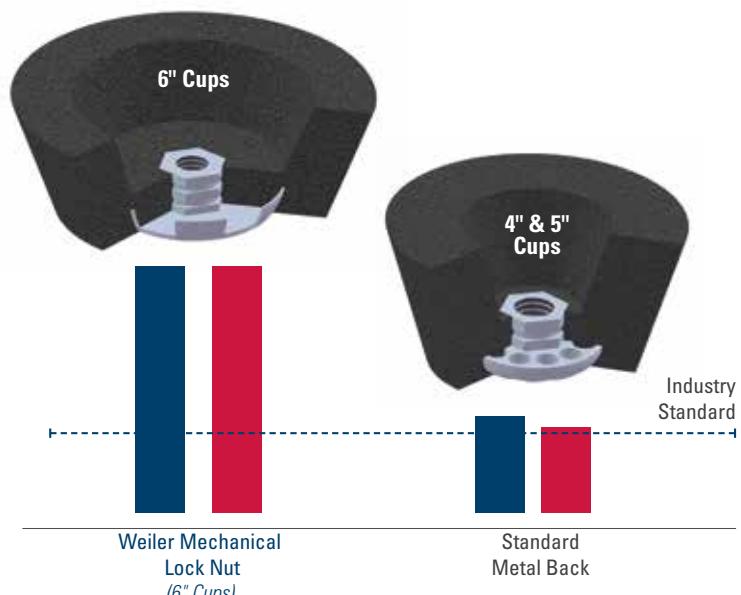
STEEL / METAL TIGER AO / Long Life

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



CONES AND PLUGS**FOR STRAIGHT & DIE GRINDERS****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
- **Precision balanced** to ensure smooth, vibration free operation and reduced operator fatigue

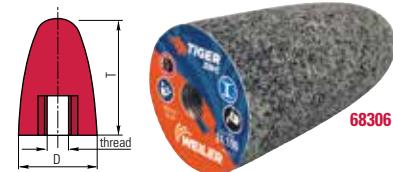
APPLICATIONS: Ideal for ID cleaning, hole edge beveling, smoothing weld seams, removing gates and parting lines and cleaning castings in hard-to-reach places



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

NEW!**TYPE 16 CONES****HIGH PERFORMANCE GRINDING****P****STEEL / METAL TIGER ZIRC TYPE 16 CONES / Fast Cut & Long Life**

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



68306

P**PERFORMANCE GRINDING****STEEL / METAL 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



68310

NEW!**TYPE 17 CONES****HIGH PERFORMANCE GRINDING****P****STEEL / METAL TIGER ZIRC TYPE 17 CONES / Fast Cut & Long Life**

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



68365

P**PERFORMANCE GRINDING****STEEL / METAL TIGER AO / Long Life**

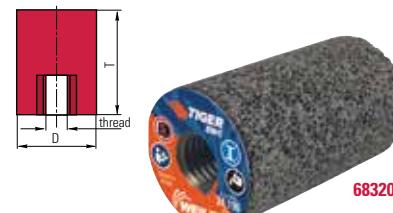
Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1-1/2"	3"	3/8"-24 Nut	A24R	24,190	12	68315
1-3/4"	3"	5/8"-11 Nut	A24R	20,740	12	68316
2"	3"	5/8"-11 Nut	A24R	18,145	12	68317



68316

NEW!**TYPE 18 PLUGS****HIGH PERFORMANCE GRINDING****P****STEEL / METAL TIGER ZIRC TYPE 18 PLUGS / Fast Cut & Long Life**

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



68324

P**PERFORMANCE GRINDING****STEEL / METAL TIGER AO / Long Life**

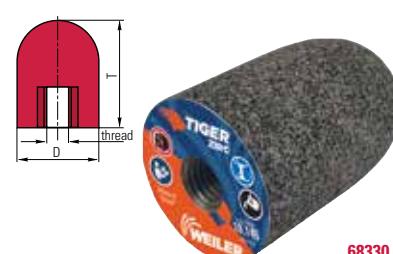
Diameter (D)	Thickness (T)	Arbor (Thread)	Grade	Max. RPM	Std. Pack	Item #
1-1/2"	2-1/2"	3/8"-24 Nut	A24R	24,190	12	68318
1-1/2"	2-1/2"	5/8"-11 Nut	A24R	24,190	12	68319
1-1/2"	3"	5/8"-11 Nut	A24R	24,190	12	68321
2"	3"	5/8"-11 Nut	A24R	18,145	12	68323



68323

NEW!**TYPE 18R PLUGS****HIGH PERFORMANCE GRINDING****P****STEEL / METAL TIGER ZIRC TYPE 18R PLUGS / Fast Cut & Long Life**

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



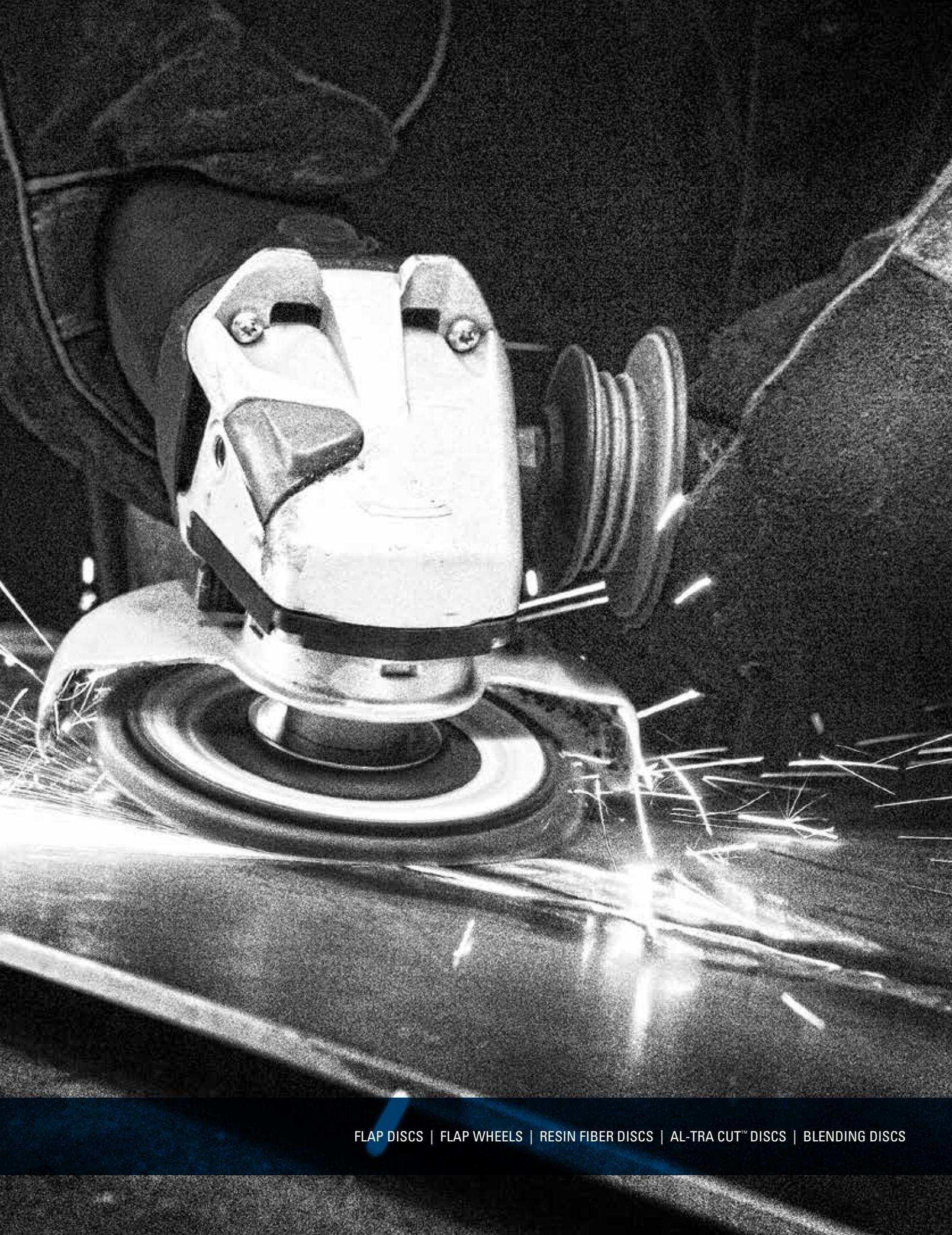
68330

P**PERFORMANCE GRINDING****STEEL / METAL 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

**CO
AT
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RAS
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S**





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

- **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

- **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



BEST ON

STEEL / METAL	STAINLESS
---------------	-----------

(Metal includes structural steel
and cast iron)

P PERFORMANCE



TIGER PAW™

- **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®

- 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)			

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.



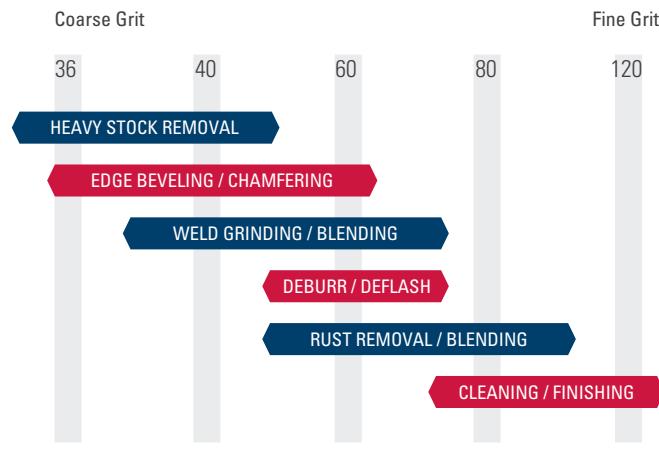
ANGLED (Type 27 / Hybrid)

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

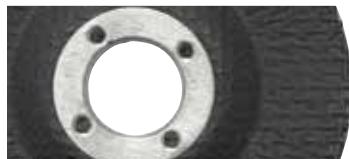


ALUMINUM OXIDE (AO)

- 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*



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

*BobCat™ Discs are not Trimmable.

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



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.



50106

P MAX PERFORMANCE / TIGER® CERAMIC (SABER TOOTH)

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

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

P HIGH PERFORMANCE / TIGER X

Fast Grinding & Long Life on Flat Surfaces / Ceramic & 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
4-1/2"		Grit	Max. RPM	Std. Pack	Item #
		36	13,000	10	51200
		40			51204*
		60			51205*
		80			51206*
					51207*
5"		36	12,000	10	51208
		40			51209
		60			51210
		80			51211
6"		40	10,200	10	51237
		60			51238
		80			51239 •
7"		36	8,600	10	51215
		40			51216
		60			51217
		80			51218

P PERFORMANCE / ORIGINAL TIGER

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

STEEL / METAL	STAINLESS	TYPE 29 5/8" Arbor	TYPE 29 7/8" Arbor	TYPE 29 5/8"-11 Hub	TYPE 27 5/8" Arbor	TYPE 27 7/8" Arbor	TYPE 27 5/8"-11 Hub
Dia.	Grit	Max. RPM	Std. Pack	Item #	Item #	Item #	Item #
4"	36	15,000	10	50592	—	—	—
	40			50593	—	—	—
	60			50594	—	—	—
	80			50595	—	—	—
	120			—	—	50696	—
4-1/2"	24	13,000	10	—	50601	—	—
	120			—	50606	—	50706
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* •



50601

* 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*

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



51140

BONDED ABRASIVES

V WOLVERINE®

Consistent Performance / Zirconia Alumina / Phenolic Back

STEEL / METAL		TYPE 29 5/8" Arbor		TYPE 29 7/8" Arbor		TYPE 29 5/8"-11 Hub		TYPE 27 5/8" Arbor		TYPE 27 7/8" Arbor		TYPE 27 5/8"-11 Hub			
Dia.	Grit	Max. RPM	Std. Pack	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*		31349*	31401	31407*		31407*		31408*	
	40			—	31344	31350*		31350*	31402	31408*		31408*		31409*	
	60			—	31345	31351*		31351*	31403	31409*		31409*		31410*	
	80			—	31346	31352*		31352*	31404	31410*		31410*		31411*	
	120			—	31347	31353*		31353*	—	—		—		—	
5"	36	12,000	10	—	31355	—		—	—	—		—		—	
	40			—	31356	—		—	—	—		—		—	
	60			—	31357	—		—	—	—		—		—	
	80			—	31358	—		—	—	—		—		—	
6"	40	10,200	10	—	31447•	31451*•		31451*•	—	—		—		—	
	60			—	31448•	31452*•		31452*•	—	—		—		—	
	80			—	31449•	31453*•		31453*•	—	—		—		—	
7"	36	8,600	10	—	31361	31367*		31367*	—	—	31419*		—	31419*	
	40			—	31362	31368*		31368*	31414	31420*		31420*		31421*	
	60			—	31363	31369*		31369*	31415	31421*		31421*		31422*	
	80			—	31364	31370*		31370*	—	—	31422*		—	31422*	



31343

COATED ABRASIVES

Key:

P PERFORMANCE LINE
Industrial Grade

V VALUE LINE
Professional Grade

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

*Patent # 6,945,863 B1

BRUSHES

HIGH DENSITY FLAP DISCS



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



INDUSTRY-LEADING FOOTPRINT

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

MADE IN
USA
WITH GLOBAL
MATERIALS

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**

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*

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub



50134

P HIGH PERFORMANCE / TIGER BIG CAT® HD

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

STEEL / METAL **STAINLESS**

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*

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub



50804

P PERFORMANCE / TIGER PAW™ HD

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

STEEL / METAL **STAINLESS**

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*

TYPE 29
7/8" Arbor

TYPE 29
5/8"-11 Hub

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub



51165

V WOLVERINE® HD

Consistent Performance on Irregular Surfaces / Zirconia Alumina / Phenolic Back

STEEL / METAL

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*•

TYPE 27
7/8" Arbor

TYPE 27
5/8"-11 Hub



31388

* 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					
Diameter	Grit	Max. RPM	Std. Pack	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
	120			—	50516	50509
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

FOR ALUMINUM

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					
Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	36	13,000	10	51250	51254
	60			51251	51255

FLAT

P HIGH PERFORMANCE / TIGER ALUMINUM

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

ALUMINUM					
Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	36	13,000	10	51252	51256
	60			51253	51257

Key:

P PERFORMANCE LINE
Industrial Grade

V VALUE LINE
Professional Grade

WHY WEILER
BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

27



ANGLED DISCS



51313

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

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

Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	40	13,000	10	51312	51315
	60			51313	51316
	80			51314	51317
5"	40	12,000	10	51318	51321
	60			51319	51322
	80			51320	51323

7/8" Arbor

5/8"-11 Hub



51303

P HIGH PERFORMANCE / TIGER ANGLED

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

STEEL / METAL STAINLESS

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

7/8" Arbor

5/8"-11 Hub

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.

MADE IN
USA
WITH GLOBAL
ATERIALS



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

Diameter	Grit	Max. RPM	Std. Pack	Item #	Item #
4-1/2"	40	13,000	10	50117	50121*
	60			50118	50122*
	80			50119	50123*

TYPE 29
7/8" Arbor

TYPE 29
5/8"-11 Hub



50003

P PERFORMANCE / TIGER TRIM

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

STEEL / METAL STAINLESS

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

TYPE 29
7/8" Arbor

TYPE 29
5/8"-11 Hub



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.

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

* 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.



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
3" S mount hub pad + mandrel	1	60509
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

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

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.



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
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
		120			52015
2"	1"	60	25,000	10	52016
		80			52017
		120			52486
2-1/2"	1"	60	23,000	10	52487
		80			52024
		120			52025
3"	1/2"	60	23,000	10	52027
		80			52028
		120			52029



52027



52621



TIGER MOUNTED 1/4"-20 THREADED 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
1"	1"	60	30,000	10	52601
		80			52603
		120			52605
2"	1"	60	25,000	10	52611
		80			52613
		120			52621
3"	1"	60	20,000	10	52623
		80			

Key:

P PERFORMANCE LINE
Industrial Grade

V 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
5/8"	5/8"	40	30,000	10	Aluminum Oxide
		60			30711
		80			30712
3/4"	3/4"	40	30,000	10	30713
		60			30715
		80			30716
1"	1"	40	30,000	10	30717
		60			30719
		80			30720
		120			30721
1-1/2"	1"	40	25,000	10	30722
		60			30771
		80			30772
		120			30773
2"	1"	40	25,000	10	30774
		60			30777
		80			30778
		120			30779
2-1/2"	1"	40	23,000	10	30723
		60			30724
		80			30725
		120			30726
3"	1"	40	23,000	10	30727
		60			30728
		80			
		120			



30720



30724



30735

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
1"	1"	60	30,000	10	Aluminum Oxide
		80			30745
2"	1"	60	25,000	10	30746
		80			30737
3"	1"	60	20,000	10	30738
		80			30735



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



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.

69883



APPLICATIONS

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

P

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	7/8" Arbor	TYPE 27	5/8"-11 Hub
			Item Number	Item Number	Item Number	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



P**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.

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



60420



Do not exceed maximum RPM of back-up pad.

Diameter	Grit Size	Standard Pack	TYPE 27	7/8" Arbor	TYPE 27	5/8"-11 Hub
			Item Number	Item Number	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

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

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.



59932



Do not exceed maximum RPM of back-up pad.

Diameter	Grit Size	Standard Pack	TYPE 27	7/8" Arbor	TYPE 27	5/8"-11 Hub
			Item Number	Item Number	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
5"	120			59737		59937
	24	25		59701		59901
	36			59702		59902
	50			59703		59903
	60			59704		59904
	80			59705		59905
7"	100			59706		59906
	120			59707		59907
	24	25		59711		59911
	36			59712		59912
	50			59713		59913
	60			59714		59914
	80			59715		59915
	100			59716		59916
	120			59717		59917

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

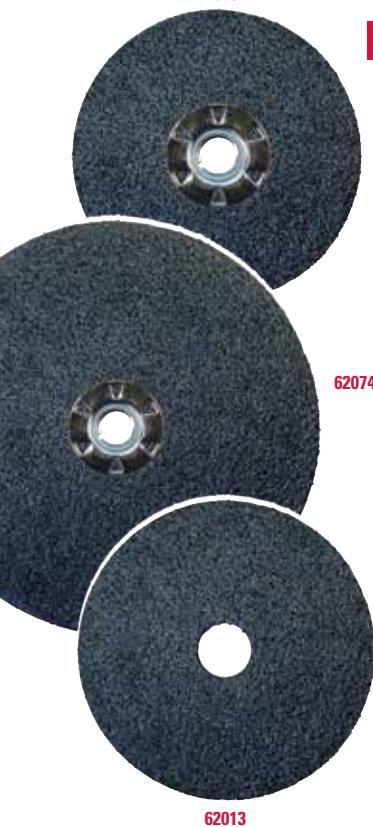
* Other thread sizes available on special orders.



62053

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	TYPE 27	5/8"-11 Hub
			Item Number	Item Number	Item Number	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.

62013

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.



Diameter	Grit Size	Standard Pack	TYPE 27	5/8" Arbor
			Item Number	Item Number
4"	24	25	59491	
	36		59492	
	50		59493	
	60		59494	
	80		59495	
	100		59496	
	120		59497	
	16	25	59500	
	24		59501	61501
	36		59503	61503
	50		59505	61505
	60		59506	61506
	80		59507	61507
	100		59508	61508
	120		59509	61509
5"	16	25	59520	
	24		59521	61521
	36		59523	61523
	50		59525	61525
	60		59526	61526
	80		59527	61527
	100		59528	61528
	120		59529	61529
	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.

59492

59973

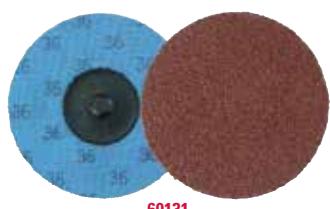
59543

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	25	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.)

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.

BRUSH TYPES 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

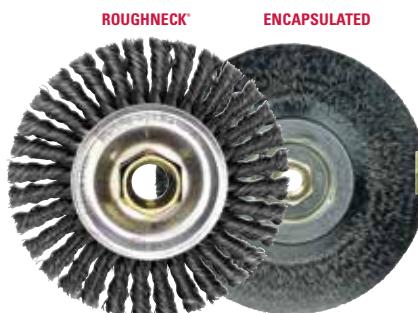
Provides very aggressive brushing action. Sharp wire tips make this knot aggressive right from the start.



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.

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

THE BEST STRINGER BEAD BRUSHES BAR NONE

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:

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 B165.1 for storage & handling details

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

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



13138

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.

BOLD BLACK item numbers indicate color-coded brushes for easy identification.



13124

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" M10 x 1.25 M10 x 1.50 M14 x 2.0 3/8"-24 UNF 1/2"-13 UNC	32	3/16"	7/8"	7/16"	20,000	5	13124 13125 ■ 13132 13126 13127 13134 13128 13135 13130 13137
4-1/2"	.020	5/8"-11 UNC 7/8"	38	3/16"	13/16"	3/8"	15,000	5	13232 13234 13249
5"	.020	5/8"-11 UNC 7/8"	38	3/16"	7/8"	3/8"	12,500	5	08756 08750 08806 08750 08806
6"	.020	5/8"-11 UNC	48	3/16"	1-1/8"	3/8"	12,500	10	08766† 08786†• 09400 ■ 09500
6"	.020	5/8"-11 UNC	38	3/16"	1-3/8"	3/8"	12,500	10	08766† 08786†• 09400 ■ 09500
6"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	12,500	10	08766† 08786†• 09400 ■ 09500
7"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	9,000	10	09000 ■ 09200 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" 5/8"-11 UNC 5/8"-11 UNC 5/8"-11 UNC	24	1/2"	1-3/8"	9/16"	12,500	10	08775 08776 ■ 08796• 08916 08926• 09386 09396•
6"	.023	5/8"-11 UNC	30	1/2"	1-1/4"	5/8"	12,500	10	08775 08776 ■ 08796• 08916 08926• 09386 09396•
6"	.023	5/8"-11 UNC	30	5/16"	1-3/8"	1/2"	12,500	10	08775 08776 ■ 08796• 08916 08926• 09386 09396•

† Light Duty • Standard Pack 5 * Standard Pack 10

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



08776

THE DUALLY® FROM WEILER

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.

MADE IN
USA
WITH GLOBAL
MATERIALS



Removing weld slag before the next weld pass.

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.



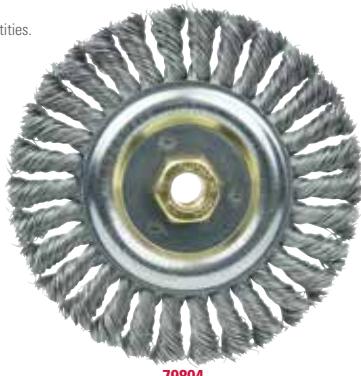
P

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.



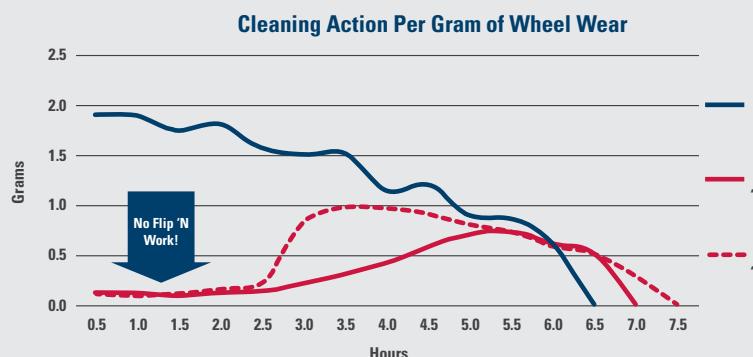
Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Thickness at Face Plates	Max. RPM	Std. Pack	Item Number	
									Steel	Stainless
Root Pass Brushes										
4-1/2"	.020	5/8"-11 UNC	38	3/16"	13/16"	3/8"	15,000	5	79801	79811
5"	.020	5/8"-11 UNC	38	3/16"	7/8"	3/8"	12,500	5	79802	79812•
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.



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.





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

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

BOLD BLACK item numbers indicate color-coded brushes for easy identification.

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	Standard Pack	Item Number
								Steel Stainless
5"	.020	5/8"-11 UNC	38	3/16"	7/8"	12,500	5	36295 36296
6"	.020	5/8"-11 UNC	48	1/4"	1-1/4"	12,500	10	36225 —
			38	3/16"	1-3/8"			36307† —
7"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	9,000	10	36297 —

† Light Duty



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

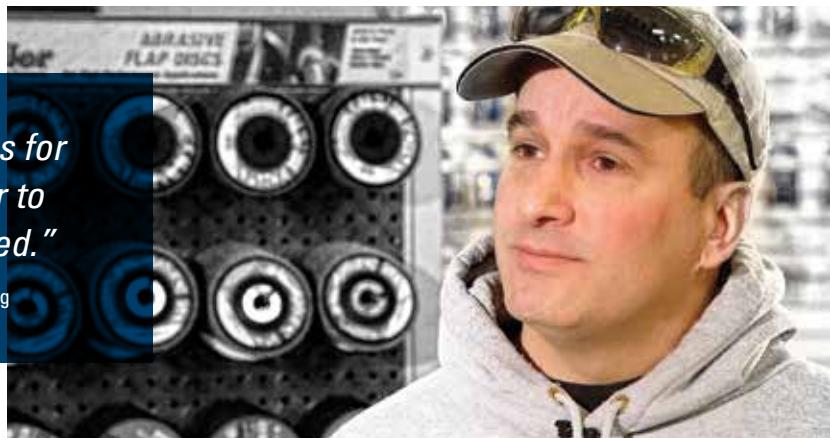
■ Available in Display Pack. Add "P" to end of Item Number when placing order.



13266

"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

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.

MADE IN
USA
WITH GLOBAL
MATERIALS

Removing slag from a flame-cut steel plate.



13021



13258



12316



12276



12376

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"

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	5/8"-11 UNC	1-1/4"	9,000	1	12736	—	—
		.020				12746	—	—
4"	.014	5/8"-11 UNC	1-1/4"	10,200	1	12306	12406	—
		.020				—	—	12776
		.023				12316 ■	12416	—
		.035				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	5/8"-11 UNC	1-3/8"	7,000	1	12256*	—	—
		.023				12276 ■*	—	—
6"	.014	5/8"-11 UNC	1-3/8"	6,600	1	12356	12456	—
		.023				12376 ■	12476	—
		.035				12396	—	—
6"	.023	5/8"-11 UNC	1-3/8"	6,600	1	12816*	—	—
		.014				12846	—	—
6"	.014	5/8"-11 UNC	1-5/8"	6,000	1	12856	12886	—
		.023				12866	—	—
		.035				—	—	—

* With internal nut

♦ Cable Twist

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

BOLD BLACK item numbers indicate color-coded brushes for easy identification.



V WOLVERINE® KNOT WIRE CUP BRUSHES Single Row

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



36244

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	-

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.



13181



14026

* 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	Brass
3-1/2"	.014	M10 x 1.25 3/8"-24 UNF 5/8"-11 UNC	7/8"	13,300	1	13175	13182
						13178	13185
						13181	13188
4"	.0118 .014 .020	5/8"-11 UNC	1-3/8"	10,200	1	14016	-
						14026	-
						14036 ▲■	14126
5"	.014 .014 .020	5/8"-11 UNC	1-1/4"	8,000 9,000	1	-	-
						14206 ▲	-
						14216	14256
6"	.014 .020	5/8"-11 UNC	1-1/4"	6,600	1	14066 *▲	-
						14076 ■*	14166*

* With internal nut

36236



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	07789
5/8" - 11 UNC	3/8" - 24 UNF	10	07746



07771

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

STEM-MOUNTED END BRUSHES

MADE IN
USA
WITH GLOBAL
MATERIALS



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



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				10210	10211	—
	.014				10025 ■	10029	—
	.020				10026 ■	10030	—
1-1/8"	.006	1"	20,000	10	10141 *	10142 •*	—
	.0104				10212	10213	—
	.0118				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

BOLD BLACK item numbers indicate color-coded brushes for easy identification.

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.



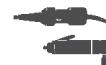
Diameter	Wire Size	Trim Length	Max. RPM	Standard Pack	Item Number	
					Steel	Stainless
3/4"	.014	7/8"	22,000	10	36286	36250
	.020				36288	36251
1"	.014	7/8"	22,000	10	36286	36250
	.020				36288	36251



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	Stainless
1-1/8"	.014	3/8"	18,000	10	11140	11141
	.020				11140	11141

* Trim length from bands



11141

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

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

BOLD BLACK item numbers indicate color-coded brushes for easy identification.



10002



10021



36247

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	—

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.



10310

*Patent #8,186,000 B2

Key:

P PERFORMANCE LINE
Industrial Grade

V VALUE LINE
Professional Grade

CRIMPED WIRE WHEELS



Removing carbon build-up from an engine.

MADE IN
USA
WITH GLOBAL
MATERIALS

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



15473



15533

P

SMALL DIAMETER WHEELS

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



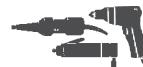
Dia.	Wire Size	Arbor Hole	Face Width	Trim Length	Max. RPM	Std. Pack	Item Number	
							Steel	Stainless
2"	.006	1/2"	3/8"	1/2"	20,000	10	15433	—
	.0104	1/2"					15453	—
	.014	1/2"-3/8"					15473	—
3"	.006	1/2"-3/8"	5/8"	1"	20,000	10	15533	16933
	.006	5/8"		15/16"			15637	—
	.0104	1/2"		1"			15553	—
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



07721

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



17610

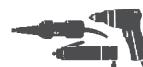


17641

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.

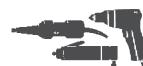


17637

P

WIDE FACE CONFLEX BRUSHES

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

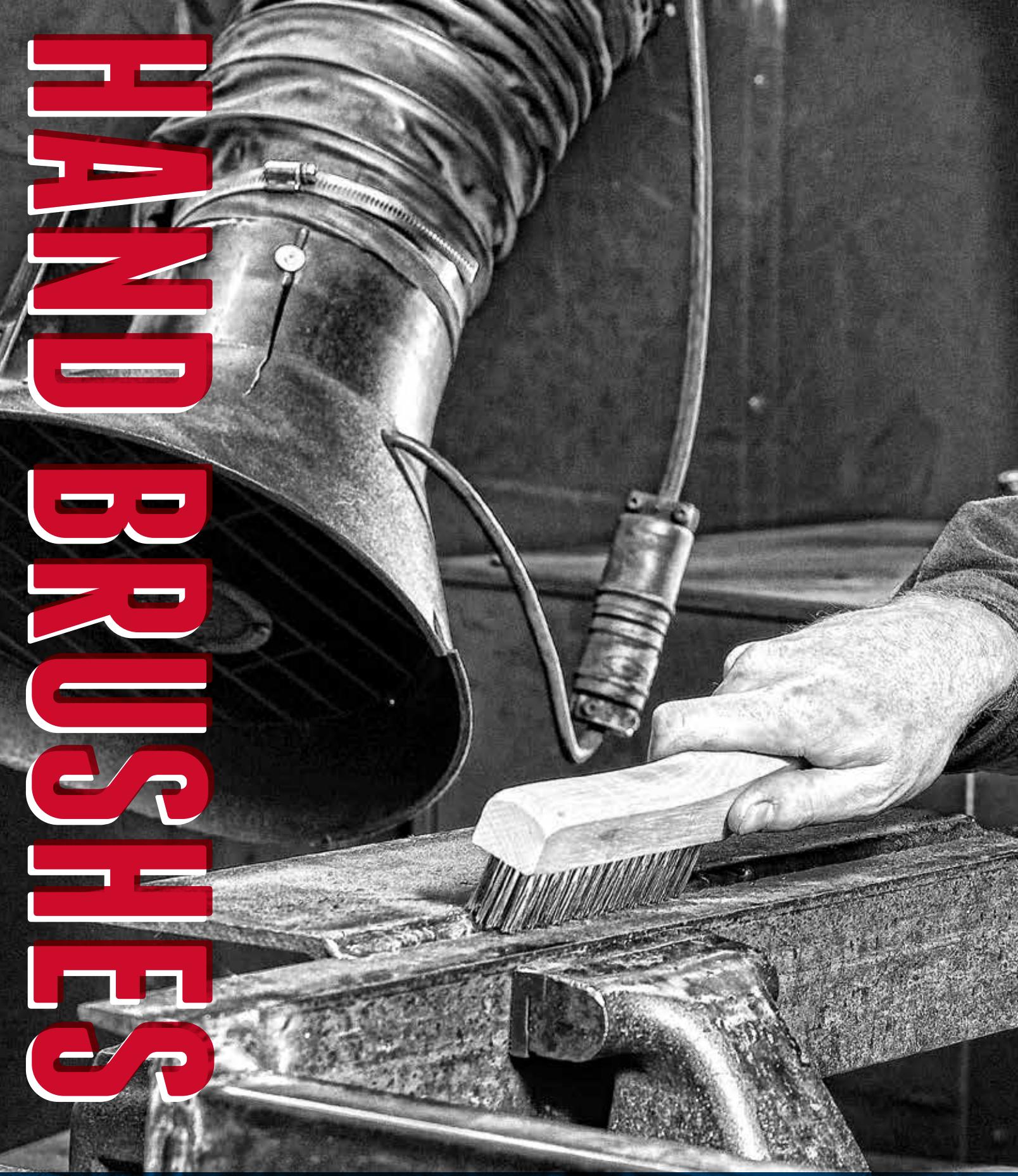


Dia.	Wire Size	Face Width	Trim Length	Max. RPM	Std. Pack	Item Number	
						Steel	Stainless
2"	.0118	3/4"	7/16"	20,000	10	17619	—
	.008	1"	15/16"	20,000		17621	17637
	.0118	—	—	—		17622	—
	.014	—	—	—		17623	—



BRUSHES

H E I Z E B R U S H E S



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

V 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

P 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

V 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



44075

P SMALL HAND SCRATCH BRUSHES

Ideal for cleaning and prepping surfaces.

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



99383

44732

*Wire drawn



44806

V VORTEC PRO SMALL HAND SCRATCH BRUSHES

Reliable and efficient brushes at a value price.

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"	2"		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



Key:

P PERFORMANCE LINE
Industrial Grade

V VALUE LINE
Professional Grade

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

HAND BRUSHES

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.



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