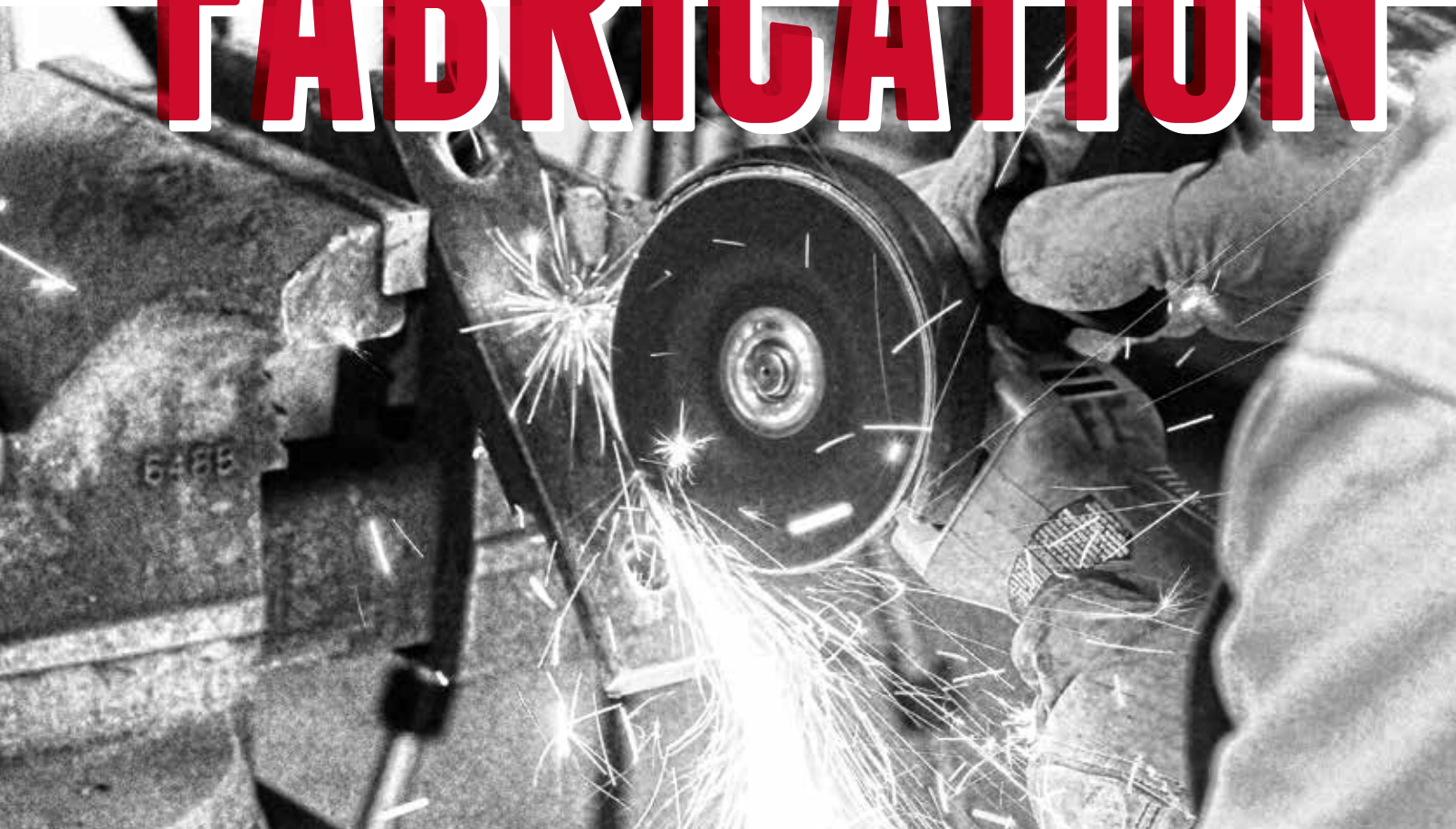


WELDING & FABRICATION





We are Weiler: Cresco, PA Headquarters

WEILER

If you think Weiler is an old fashioned wire brush manufacturing company, you'd be dead wrong. In fact, today Weiler is a global abrasives leader with customers in over 80 countries and nearly 1,500 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 to 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's 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.

YouTube

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

WORK SAFER:

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

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



WORK BETTER:

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

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

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

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

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES



GENERAL FABRICATION



SHIP BUILDING



PETROCHEMICAL

Tackle your work faster,
safer and better every
day with Weiler. We work
with you to solve your
challenges, enabling your
business to get more
done and, ultimately,
improve your top and
bottom line.



POWER GENERATION



PIPELINE



TRANSPORTATION

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

BONDED ABRASIVES

Weiler has uncaged an expanded line of bonded abrasives that delivers consistency and performance to Welding and Fabrication professionals. This high quality line includes cutting, grinding and combination wheels that are available at three performance tiers, offering a choice between long life, fast cut, or both.

Tiger Cutting and Grinding wheels will attack the most demanding applications to help get the job done right and done fast.

- Bonded Selection Guide** 8-9
- Cutting Wheels** 10-12
- Accessories** 13
- Grinding Wheels** 14-15
- Cup Rocks** 15
- Combo Wheels** 16
- Pipeline Wheels** 17

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.

Weiler recently raised the bar by adding two new flap discs to its abrasive line. The **Tiger X** flap disc leverages industry-first technology to grind faster AND last longer, while the **Tiger Paw** flap disc is specifically designed for superior edge grinding.

- Flap Disc Selection Guide** 20-21
- Flap Discs** 22-33
- Flap Wheels** 34-35
- Resin Fiber Discs** 36
- Al-tra Cut™ Discs** 37
- Blending Discs** 38

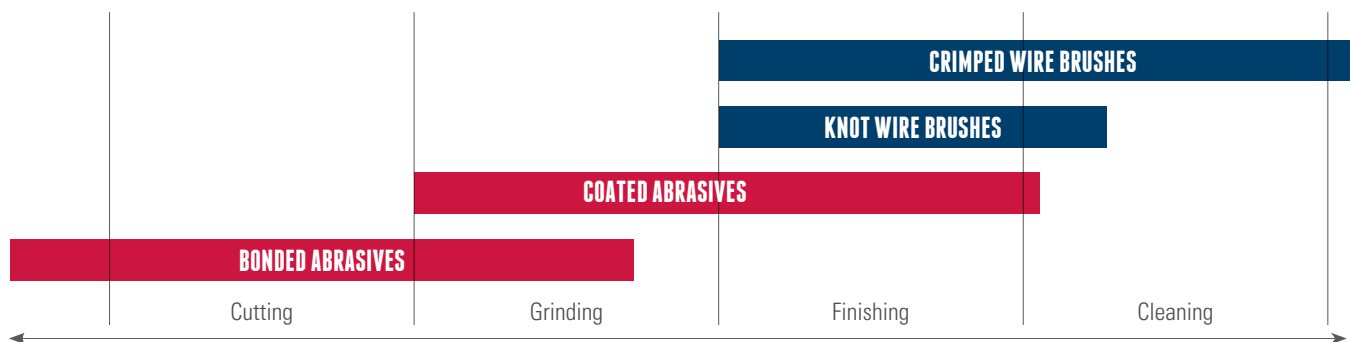
WIRE BRUSHES

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. In addition, our experience in providing surface conditioning solutions translates to unparalleled customer support for the most demanding applications.

- Wire Brush Selection Guide** 42-43
- Weld Cleaning Brushes** 44-46
- Knot Wire Wheels** 47
- Wire Cup Brushes** 48-49
- Stem-Mounted End Brushes** 50-51
- Crimped Wire Wheels** 52
- Scratch Brushes** 55-56
- Chip & Oil Brushes** 57

PRODUCT SELECTION:

Cutting, grinding, cleaning, or finishing. Weiler can help you select the right product to get the job done right, and done fast. Pick the type of product you need based on surface finish and degree of aggression for your application.



Note: If you need assistance selecting the right product for your specific application, contact our Application Engineering Team at: **888-299-APPS (2777)**

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 (ANSI)

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.



For **SPOT Safety Training** contact your Weiler representative.



..... Safety Goggles / Face Shield



..... Protective Clothing



..... Hearing Protection



..... Safety Gloves



..... Respiratory Protection



..... Speed



..... Tool Guard



Dually® Stringer Bead Wheel

Tiger® Grinding Wheel

Tiger® X Flap Disc

BONDED ABRASIVES



CUTTING WHEELS | GRINDING WHEELS | COMBO WHEELS

UNCAGED AND READY TO ATTACK

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



LONG LIFE & FAST CUT HIGH PERFORMANCE

TIGER ZIRC / INOX / ROUGHNECK

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

LONG LIFE PERFORMANCE LINE

TIGER

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

FAST CUT VALUE LINE

WOLVERINE

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

BEST ON

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

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

Carbon Steel, Iron and general purpose metal use

CUT RATE: ●●●●●
LIFE: ●●●●●

CUT RATE: ●●●●●
LIFE: ●●●●●

CUT RATE: ●●●●●
LIFE: ●●●●●

APPLICATIONS

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

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

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

All products meet ANSI B7.1-2010.

FEATURES & BENEFITS

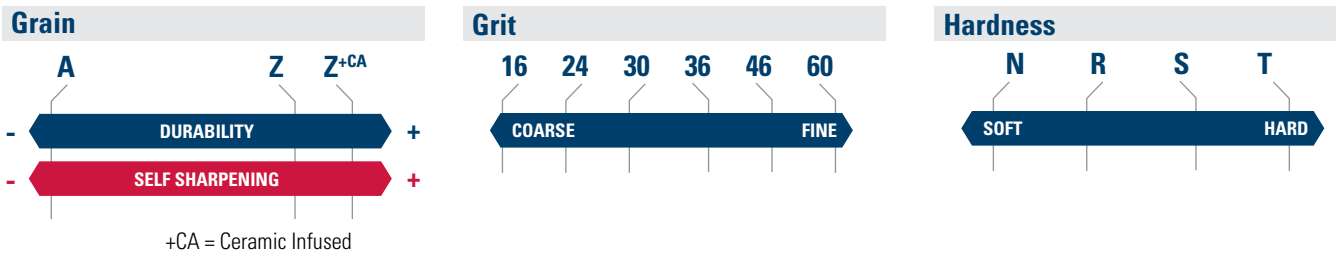
	HIGH PERFORMANCE	PERFORMANCE	VALUE
Thin and super thin wheels deliver accurate, clean cuts.	✓	✓	✓
Smooth outer layer on cutting wheels reduces friction which translates to an effortless cut and less kickback.	✓	✓	
Self-sharpening grain retains high cutting performance throughout the life of the wheel.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

WHY WELER

BONDED ABRASIVES

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.



COATED ABRASIVES

TYPE

Type 1	Type 27	Type 11
Flat profile allows for deep cuts	Added clearance when working at a constrained angle	Excellent for snagging applications and rough stock removal

THICKNESS

	T 1 ARBOR	T 27 ARBOR	T 27 HUB
SUPER THIN CUTTING	.035 ✓		
THIN CUTTING	.045 ✓	✓	✓
	.060 ✓	✓	
CUTTING	1/16 ✓	✓	✓
	3/32 ✓	✓	✓
PIPELINE & COMBO	1/8 ✓	✓	✓
GRINDING	1/4 ✓	✓	✓



BRUSHES

CUTTING WHEELS



Weiler's diverse line of cutting wheels provide a consistent, well balanced, high quality solution. From our thin cutting wheels that slice through metal, to our large diameter wheels for the biggest cuts, professionals get the most demanding jobs done right, and done fast.

FEATURES:

- **Thin and super thin** cutting wheels deliver accurate, clean cuts.
- **Dual reinforcement** provides added strength for aggressive cutting.
- **Contaminant-free** INOX wheels provide a worry free solution for stainless steel applications.
- **Smooth outer layer** on performance cutting wheels reduces friction that translates to an effortless cut and less kickback during operation.



Cutting a v-groove in bar stock with a Tiger Cutting Wheel.

TYPE 1 & 27 FOR GRINDERS



P TIGER ZIRC THIN CUTTING WHEELS / Zirconia Alumina / Fast Cut & Long Life on Metal

High performance wheels leverage a self-sharpening Zirconia Alumina grain that retains a high cut rate throughout the life of the wheel so you get maximum productivity on steel and stainless steel.



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

P TIGER INOX THIN CUTTING WHEELS / White Aluminum Oxide / Contaminant-Free* for Stainless

INOX wheels are specifically designed for high performance on STAINLESS STEEL. These wheels incorporate a Contaminant-free bond that delivers a worry free solution for stainless steel applications.



Diameter	Wheel Thickness	Arbor Hole	Grade	Max. RPM	Standard Pack	Item Number
Type 1						
4-1/2"	.045"	7/8"	INOX60S	13,300	25	58100
5"	.045"	7/8"	INOX60S	12,200	25	58101
6"	.045"	7/8"	INOX60S	10,200	25	58102
Type 27 - Depressed Center						
4-1/2"	.045"	7/8"	INOX60S	13,300	25	58110
5"	.045"	7/8"	INOX60S	12,200	25	58111
6"	.045"	7/8"	INOX60S	10,200	25	58112

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

Key:

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

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

- Josh W., Welder & Fabricator, MI

P TIGER THIN CUTTING WHEELS / Premium Aluminum Oxide / Long Life on Metal

Premium Aluminum Oxide grains provide an even, sharp, clean cut and a hard bond extends life and maximizes performance. Thin and super thin wheels deliver accurate, clean cuts.



Diameter	Wheel Thickness	Arbor Hole	Grade	Max. RPM	Standard Pack	Item Number
Type 1						
3"	.035"	5/8"	A60T	25,000	100	57001 ◆
4-1/2"	.045"	7/8"	A60T	13,300	25	57020
5"	.045"	7/8"	A60T	12,200	25	57021
6"	.045"	7/8"	A60T	10,200	25	57022
7"	.060"	7/8"	A60T	8,500	25	57023
Type 27 - Depressed Center						
4-1/2"	.045"	7/8"	A60T	13,300	25	57041
		5/8"-11			10	57040
5"	.045"	7/8"	A60T	12,200	25	57043
		5/8"-11			10	57042
6"	.045"	7/8"	A60T	10,200	25	57045
		5/8"-11			10	57044
7"	.060"	7/8"	A60T	8,500	25	57046

◆ Super Thin Wheel



57022



57042

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

P TIGER CUTTING WHEELS / Premium Aluminum Oxide / Long Life on Metal

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



Diameter	Wheel Thickness	Arbor Hole	Grade	Max. RPM	Standard Pack	Item Number
Type 1						
3"	1/16"	3/8"	A36T	25,000	100	57060
4-1/2"	1/16"	7/8"	A36T	13,300	25	57061
Type 27 - Depressed Center						
4-1/2"	3/32"	7/8"	A36S	13,300	25	57081
		5/8"-11			10	57080
5"	3/32"	7/8"	A36S	12,200	25	57083
		5/8"-11			10	57082



57080

TYPE 1 FOR CHOP SAWS / STATIONARY SAWS

P TIGER LARGE CUTTING WHEELS / Aluminum Oxide / Long Life on Metal

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



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

*Recommended for Stationary Saws only.



57090

TYPE 1 FOR GRINDERS



56013



56392

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



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

◆ Super Thin Wheel

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



56061



56476

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

TYPE 1 FOR CHOP SAWS / STATIONARY SAWS



56239

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



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



“Cuts fast and it really holds up.”

- **Louis V.**, Pipe Fabricator, Texas

ACCESSORIES

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

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



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

Arbor Size	Wheel Thickness	Standard Pack	Item Number
1/4"	.035" to 1/4"	10	56489
3/8"	.035" to 1/4"	10	56490
1/4", 3/8" *	.035" to 1/4"	10	56491*
1/4", 3/8"	.035" to 1/4"	1	36512



*Combination pack

GRINDING WHEELS



Grinding on a platform for weld preparation.

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

FEATURES:

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

TYPE 27 FOR GRINDERS



58073

P

TIGER ZIRC GRINDING WHEELS / Zirconia Alumina / Ceramic Infused for Faster, Longer Grinding

High performance wheels leverage a self-sharpening Zirconia Alumina grain that delivers fast, consistent grinding on steel and stainless steel. All wheels are ceramic infused for that extra surge in performance.



Diameter	Wheel Thickness	Arbor Hole	Grade	Max. RPM	Standard Pack	Item Number
4-1/2"	1/4"	7/8"	Z24T	13,300	10	58071
		5/8"-11				58070
5"	1/4"	7/8"	Z24T	12,200	10	58073
		5/8"-11				58072
7"	1/4"	7/8"	Z24T	8,500	10	58075
		5/8"-11				58074



58120

P

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

INOX wheels are specifically designed for high performance on STAINLESS STEEL. These wheels incorporate a Contaminant-free bond that delivers a worry free solution for stainless steel applications.



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

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



57120

P

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

Weiler Tiger grinding wheels deliver the right combination of performance and value. Premium Aluminum Oxide grains provide an even, sharp, clean cut and a hard bond extends life and maximizes performance.



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



WHY WEILER

“The Tiger grinds real well, it’s sharp, it grabs, and feels good.”

- **Brandon G.**, Oil Rig Welder, Texas

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

V WOLVERINE GRINDING WHEELS / Aluminum Oxide / Fast Grinding on Metal 

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

Diameter	Wheel Thickness	Arbor Hole	Grade	Max. RPM	Standard Pack	Item Number
4"	1/4"	5/8"	A24R	15,200	25	56473
4-1/2"	1/4"	7/8"	A24R	13,300	25	56464
		5/8"-11			10	56454
4-1/2"	1/4"	7/8"	A24N	13,300	25	56457
		5/8"-11			10	56455
5"	1/4"	7/8"	A24R	12,200	25	56466
		5/8"-11			10	56449
6"	1/4"	7/8"	A24R	10,200	25	56280
		5/8"-11			10	56279
7"	1/4"	7/8"	A24R	8,500	20	56467
		5/8"-11			10	56468
9"	1/4"	5/8"-11	A24R	6,600	10	56470



TYPE 1 FOR GRINDERS


V WOLVERINE SNAGGING WHEELS / Aluminum Oxide / Fast Grinding on Metal 

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

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



TYPE 11 CUP ROCKS

P TIGER CUP ROCKS / Premium Aluminum Oxide / Steel Back 

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

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



COMBO WHEELS



Weld removal with Tiger combo wheel.

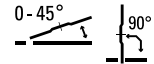
Weiler's Combination Wheels offer flexibility and efficiency when switching between cutting and grinding applications. **A third layer of fiberglass reinforcement** provides the strength to hold up when grinding, while the type of fiberglass used maintains a fast cut.

TYPE 27 FOR GRINDERS



58054

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

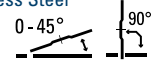


Diameter	Wheel Thickness	Arbor Hole	Grade	Max. RPM	Standard Pack	Item Number
4-1/2"	1/8"	7/8"	Z30T	13,300	25	58051
		5/8"-11				58050
5"	1/8"	7/8"	Z30T	12,200	25	58053
		5/8"-11				58052
6"	1/8"	5/8"-11	Z30T	10,200	10	58054
7"	1/8"	5/8"-11	Z30T	8,500	10	58055



58114

P TIGER INOX COMBO WHEELS / White Aluminum Oxide / Contaminant-Free* for Stainless Steel
Long life cut & grind combo wheels deliver true flexibility and efficiency when switching between cutting and grinding for stainless steel applications.



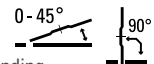
Diameter	Wheel Thickness	Arbor Hole	Grade	Max. RPM	Standard Pack	Item Number
4-1/2"	1/8"	7/8"	INOX30T	13,300	25	58115
		5/8"-11				58114
7"	1/8"	7/8"	INOX30T	8,500	25	58117
		5/8"-11				58116

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



57102

P TIGER COMBO WHEELS / Premium Aluminum Oxide / Long Life Combo on Metal
Cut & grind combo wheels deliver true flexibility and efficiency when switching between cutting and grinding.

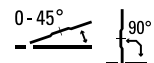


Diameter	Wheel Thickness	Arbor Hole	Grade	Max. RPM	Standard Pack	Item Number
4-1/2"	1/8"	7/8"	A30S	13,300	25	57101
		5/8"-11				57100
5"	1/8"	7/8"	A30S	12,200	25	57103
		5/8"-11				57102
7"	1/8"	7/8"	A30S	8,500	25	57105
		5/8"-11				57104
9"	1/8"	7/8"	A30S	6,600	25	57107
		5/8"-11			10	57106



56429

V WOLVERINE COMBO WHEELS / Aluminum Oxide / Fast Cut & Grind Combo on Metal
Fast cut rate and consistent performance at a good value for everyday, general purpose use when switching between cutting and grinding on metals.



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

PIPELINE WHEELS

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

TRUE
1/8"

thickness for optimized material removal.

WHY WEILER

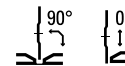
BONDED ABRASIVES



TYPE 27 FOR PIPELINE

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

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



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



58062

COATED ABRASIVES

BRUSHES



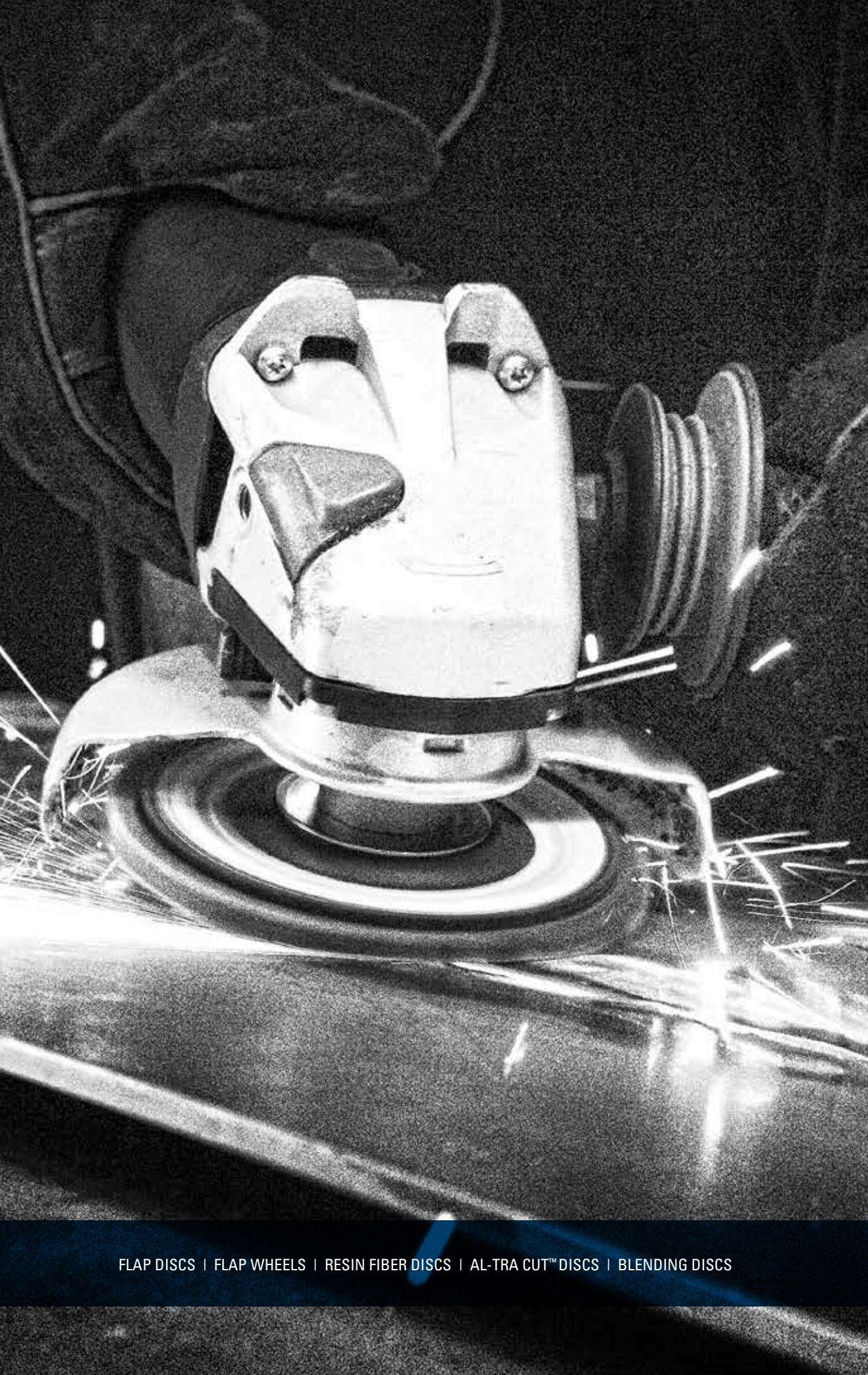
■ **No "break in" modification required**
Ready to grind right out of the box.

■ **Roughneck Pipeline wheels**
for demanding notching and facing applications.

■ **Ceramic Infusion** delivers faster grinding with less effort.



COATED ABRASIVES



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

SELECTING THE RIGHT FLAP DISC

Weiler's made in the U.S.A. Coated 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. Use the information provided to help select the right solution for your application.



P PERFORMANCE LINE (INDUSTRIAL GRADE)

Engineered and manufactured to maximize performance and minimize operating costs in the most demanding surface conditioning applications. The use of superior construction, the highest quality materials and the most stringent manufacturing processes deliver the lowest cost-of-use and most consistent performance in heavy production environments.

V VALUE LINE (PROFESSIONAL GRADE)

Weiler's value line is manufactured using similar product construction and the same exacting standards as other Weiler flap discs, but engineered to provide cost-effective use in less demanding environments. Vortec Pro® flap discs are an economical choice for the construction trades, low volume production shops and light duty industrial MRO use.



	SABER TOOTH	BIG CAT	TIGER X	TIGER ALUM. BACK	TRIM	BOBCAT	TIGER PAW	VORTEC PRO
APPLICATION	Flat Surface Grinding	★★★★		★★★★				★★
	Light Pressure / Blending	★★★★	★★★★ HD	★★★★		★★	★★	★
	Weld Grinding / Blending	★★★★	★★★★ HD	★★★★		★★	★★★★	★
	Heavy Stock Removal	★★★★		★★			★★★★	★
	Edge Grinding	★★					★★★★	
	Pipeline				★★★★			
	Fillet Grinding	★★★★ TRIM				★★★★		
	Irregular Surface	★★★★ HD	★★★★ HD				★★ HD	★ HD
	Hard To Reach						★★★★	
MATERIAL	Carbon Steel	★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★
	Stainless Steel	★★★★		★★		★★	★★	★
	Aluminum / Non-Ferrous	★★★★						
	Non-Ferrous / Exotic	★★★★						
	Cast Iron	★★★★		★★			★★	

STYLES

ANGLED STYLE (TYPE 29)



Maximum aggression for fast stock removal. Used on both flat surface and edge work. The angle provides greater surface contact for stock removal on flat surfaces.

FLAT STYLE (TYPE 27)



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

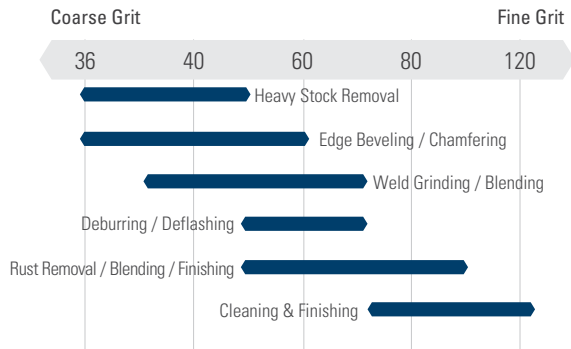
HIGH DENSITY (TYPE 27)



Maximum conformability and life. Provides smooth grinding, blending and finishing on flat and irregular surfaces. Larger flaps ensure more contact and extend life.

GRIT & GRAIN

GRIT SIZE BY DESIRED FINISH



ALUMINUM OXIDE (AO)

- Single crystal
- Durable for short term grinding
- Hard
- Inexpensive



ZIRCONIA ALUMINA (ZA)

- Self-sharpening multi crystals
- Holds up under extreme pressure
- Self-sharpening
- Sharper, faster cut



CERAMIC ALUMINA (CA)

- Self-sharpening multi crystals with predetermined fracture points
- Self-sharpening
- Maintains cut-rate for 75% of life

WEILER X3 TECHNOLOGY

- Proprietary mix of Ceramic and Zirconia Alumina
- Triple split grain anchoring system
- Dual flap design
- Grinds faster AND lasts longer

BACKING

PHENOLIC



Prevents backing from scratching the workpiece.

ALUMINUM



Rigid support for maximum aggression; recyclable.

COMPOSITE*



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

*BobCat™ Discs are not 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

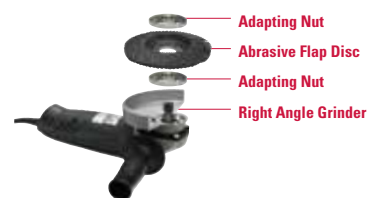


5/8" & 7/8" ARBOR HOLE

- Cost-effective
- Requires adapting nuts



Mounting Flap Discs with 5/8" & 7/8" Arbors



TIGER® FLAP DISCS / PERFORMANCE LINE



UNLEASH TIGER X: Tiger X flap discs raise the bar for those who are driven to get the job done right and done fast. Tiger X holds nothing back with its industry-first X3 technology that combines an advanced anchoring system, dual flap design and engineered backing. The combination delivers fast grinding AND long disc life for increased productivity.

MADE IN USA



Grinding & blending a weld between two Steel plates.

Tiger X delivers the ultimate productivity enhancing X-Factors so you can do more in less time while lowering your consumable costs.

- **Increased Productivity** – The combination of aggressive grinding and long disc life deliver the ultimate X-Factor, a disc that gets more done in less time.
- **Enhanced Worker Safety** – Increased aggression requires less force to get equal or better results. This means less stress and reduced fatigue.
- **Lower Consumable Costs** – The combination of extreme aggressive grinding and long disc life means you get more for your money.
- **Greater Versatility** – X3 technology allows for greater versatility, reducing the need to switch discs when changing applications.

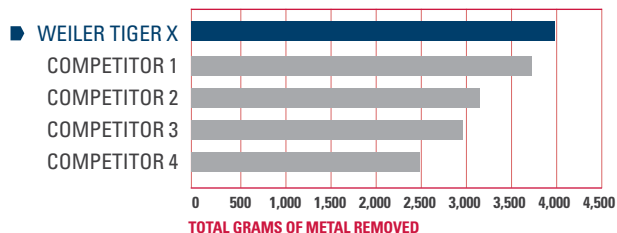
APPLICATIONS

- Flat surface grinding
- Weld grinding / blending
- Deburring, etc.
- Light pressure / blending
- Heavy stock removal

TESTED. PROVEN. TIGER X WORKS FASTER, LONGER.

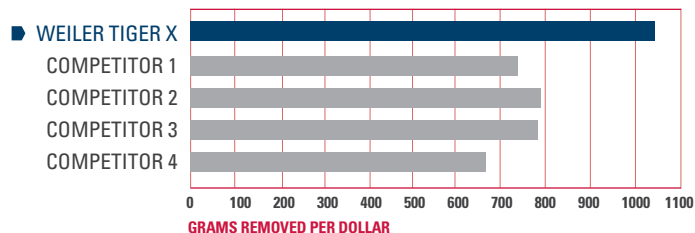
TIGER X REMOVES UP TO 40% MORE MATERIAL

TOTAL GRAMS OF METAL REMOVED FROM WORKPIECE OVER LIFE OF FLAP DISC



GET UP TO 40% MORE FOR YOUR MONEY

TOTAL GRAMS OF METAL REMOVED FOR EVERY DOLLAR YOU SPEND



Test Procedure: Weiler Tiger X 4-1/2" Type 29 standard density flap disc vs. similar competing flap discs. Test grinder mounted at 15° angle against 1/2" workpiece with 15 pounds of pressure. Bi-directional 8" travel. Discs and workpiece weighed after 5 minutes intervals for the life of the product. Tiger X usable life: 100 minutes. Competitors' usable life: 65 – 90 minutes.

Ceramic Alumina and Zirconia Alumina grain mix
Grinds Faster and Lasts Longer.

Industry First

X3

Technology

grain anchoring system,
dual flap design,
& engineered backing.



P **TIGER X FLAP DISCS** Angled Style (Type 29) / Phenolic Backing
 Designed for aggressive grinding and long life when used on Steel and Stainless Steel.



LIFE ●●●●●
 AGGRESSION ●●●●●

Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Ceramic & Zirconia Alumina
4-1/2"	7/8"	36	13,000	10	51200
		40			51201
		60			51202
		80			51203
4-1/2"	5/8"-11 Nut	36	13,000	10	51204
		40			51205
		60			51206
		80			51207
5"	7/8"	36	12,000	10	51208
		40			51209
		60			51210
		80			51211
5"	5/8"-11 Nut	40	12,000	10	51212
		60			51213
		80			51214
7"	7/8"	36	8,600	10	51215
		40			51216
		60			51217
		80			51218
7"	5/8"-11 Nut	36	8,600	10	51219
		40			51220
		60			51221
		80			51222



51205



51216

WHY WEILER

BONDED ABRASIVES

P **TIGER X FLAP DISCS** Flat Style (Type 27) / Phenolic Backing
 Ideal working angle of less than 15° provides smooth grinding when used on Steel and Stainless Steel.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Ceramic & Zirconia Alumina
4-1/2"	7/8"	40	13,000	10	51223
		60			51224
		80			51225
4-1/2"	5/8"-11 Nut	40	13,000	10	51226
		60			51227
		80			51228
7"	7/8"	40	8,600	10	51229
		60			51230
		80			51231
7"	5/8"-11 Nut	40	8,600	10	51232
		60			51233
		80			51234



51229

COATED ABRASIVES

BRUSHES

Key:

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



Blending the weld of a steel frame prior to painting.



Weiler's Original Tiger flap discs are the brand you have trusted for over 20 years and THE flap discs that set the standard in the industry for performance, consistency, reliability and quality. Aluminum back flap discs are the benchmark for the pipeline industry, among others, providing rigid support for maximum aggrression.

**MADE IN
USA**

APPLICATIONS

- Flat surface grinding
- Weld grinding / blending
- Edge grinding
- Light pressure / blending
- Heavy stock removal
- Pipeline

- LIFE ●●●●●●●●
- AGGRESSION ●●●●●●●●
- PIPELINE USE ●●●●●●●●

P TIGER DISCS Angled Style (Type 29) / Phenolic & Aluminum Backing

Designed for the industrial user who values high cut rate and long life.



50601



50519



50543

Dia.	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number		
					Phenolic Backing		Aluminum Backing
					Zirconia Alumina	Alum. Oxide	Zirconia Alumina
4	5/8"	36	15,000	10	50592	50552	50502
		40			50593	50553	50503
		60			50594	50554	50504
		80			50595	50555	50505
		120			—	—	50506
4-1/2"	7/8"	24	13,000	10	50601	—	50511
		36			—	50562	50512
		40			—	50563	50513
		60			—	50564	50514
		80			—	50565	50515
		120			50606	—	50516
4-1/2"	5/8"-11 Nut	24	13,000	10	—	—	50510*
		36			—	—	50517*
		40			—	—	50518*
		60			—	—	50519*
		80			—	—	50520*
120	—	—	50509*				
5"	7/8"	36	12,000	10	—	50572	50522
		40			—	50573	50523
		60			—	50574	50524
		80			—	50575	50525
		120			50616	—	50526
6"	7/8"	40	10,200	10	50649	—	—
		60			50650	—	—
		80			50651	—	—
6"	5/8"-11 Nut	40	10,200	10	50659	—	—
		60			50660	—	—
		80			50661	—	—
7"	7/8"	36	8,600	10	—	50582	50532
		40			—	50583	50533
		60			—	—	50534
		80			—	50585	—
		120			—	—	50536
7"	5/8"-11 Nut	24	8,600	10	—	—	50541*
		36			—	50632*	50542*
		40			—	50633*	50543*
		60			—	50634*	50544*
		80			—	50635*	50545*
		120			—	—	50546*

* Patent # 6,945,863

P **TIGER DISCS** Flat Style (Type 27) / Phenolic Backing
High stock removal, long life and flexibility.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number	
					Zirconia Alumina	Alum. Oxide
4	5/8"	40	15,000	10	50693	50653
		60			50694	50654
		80			50695	50655
		120			50696	—
		—			—	—
4-1/2"	7/8"	40	13,000	10	—	50663
		60			—	50664
		80			—	50665
		120			50706	—
		—			—	—
4-1/2"	5/8"-11 Nut	40	13,000	10	—	50668*
		60			—	50669*
		80			—	50670*
		120			50699*	—
		—			—	—
5"	7/8"	40	12,000	10	50713	50673
		60			50714	50674
		80			50715	50675
7"	7/8"	40	8,600	10	—	50683
		60			—	50684
7"	5/8"-11 Nut	40	8,600	10	—	50733*
		60			—	50734*
		80			—	50735*
		120			50746*	—

* Patent # 6,945,863



50706

WHY WEILER

BONDED ABRASIVES

ADAPTING NUTS & SPANNER WRENCH

For use with Tiger, High Density and Vortec Pro Flap Discs.

Description	Thread Size	For Use With	Standard Pack	Item Number
Adapting Nuts	3/8" - 24	4" Flap Disc with 5/8" arbor hole (can be used with an adjustable or combination wrench)	1	56484
Adapting Nuts	5/8" -11	4-1/2", 5" & 7" Flap Discs with 7/8" arbor hole	1	56494
Spanner Wrench	—	Item No. 56494 only	1	56495

When mounting, adapters must be nested, see illustration below.



56494

56495



COATED ABRASIVES

BRUSHES



Blending and finishing a weld.



Weiler's Big Cat flap discs offers the widest footprint in the industry. The wider flaps better conform to curved and irregular surfaces, producing a consistent finish and lasting 30-40% longer than a standard flap disc.

**MADE IN
USA**

APPLICATIONS

Provides increased conformability and long life when:

- Flat surface grinding
- Weld grinding / blending
- Irregular surface
- Light pressure / blending
- Heavy stock removal

FEATURES AND BENEFITS

Enhanced **conformability** helps reduce gouging and undercutting.

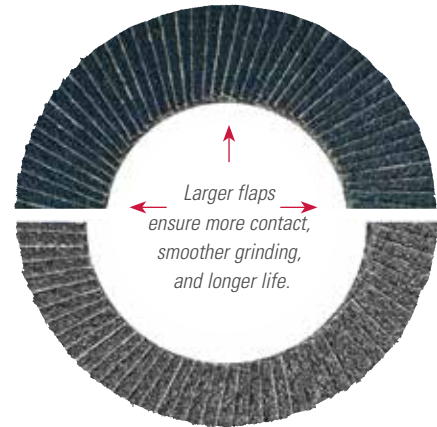
Thicker phenolic back (more layers of fiberglass) than competitors, provides **more stability** for the thicker cloth configuration.

Largest flap area in the industry as a result of the unique combination of flap count, height and width.

Longest lasting high density discs provide as much as 20% more life than the top competitors discs.

Big Cat is well known in the industry – ask for it by name for **increased productivity**, reduced operating cost and maximum disc life.

Big Cat HD Flap Disc



Competitors HD Flap Disc

- LIFE ●●●●●
- AGGRESSION ●●●●●
- CONFORMABLE ●●●●●

P BIG CAT FLAP DISCS Flat Style (Type 27) / Phenolic Backing

Increased conformability and maximum life.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number	
					Zirconia Alumina	Aluminum Oxide
4-1/2"	7/8"	40	12,000	10	50803	50763
		60			50804	50764
		80			50805	50765
		120			50806	—
4-1/2"	5/8"-11 Nut	40	12,000	10	50808*	50768*
		60			50809*	50769*
		80			50810*	50770*
7"	7/8"	40	8,600	10	50823	50783
		60			50824	50784
		80			50825	—
		120			—	50786
7"	5/8"-11 Nut	40	8,600	10	50843*	50833*
		60			50844*	50834*
		80			50845*	—
		120			50846*	—

*Patent # 6,945,863



50804



50823



Weiler's Trimmable Tiger flap discs are designed for hard-to-reach areas such as fillet welds and irregular shapes while grinding on-edge without changing tools. The unique composite backing can be trimmed, exposing more abrasive material and extending disc life, resulting in lower grinding and finishing costs. The backing can be trimmed up to 3/8" from the original diameter, dramatically extending flap length for grinding into fillet welds.

MADE IN USA



To trim backing, run against a sharp edge until desired backing diameter is achieved.

APPLICATIONS

- Light pressure / blending
- Weld grinding / blending
- Heavy stock removal
- Fillet grinding
- Irregular surface



A trimmed back dramatically extends disc life, allowing the operator to use the entire flap while maintaining a consistent working angle.



P TRIMMABLE TIGER FLAP DISCS Angled Style (Type 29) / Composite Backing
High stock removal, long life and flexibility, ideal for working into fillet welds.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Zirconia Alumina
4-1/2"	7/8"	40	13,000	10	50002
		60			50003
		80			50004
		120			50005
		40			50006*
4-1/2"	5/8"-11 Nut	60	13,000	10	50007*
		80			50008*
		120			50009*
		40			50010
		60			50011
5"	7/8"	80	12,000	10	50012
		40			50014
		60			50015
5"	5/8"-11 Nut	80	12,000	10	50016
		40			
		60			



50002

*Patent # 6,945,863

"We get a competitive edge with Weiler because their prices are competitive but they last far longer."

- **Jim Martin**, Vice President, Karnel Incorporated



WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES



Grinding and beveling stainless steel tubing with a Saber Tooth abrasive flap disc.



Weiler's Saber Tooth flap discs deliver real performance on Stainless Steel, Aluminum, Inconel, Titanium and other hard-to-grind metals. A grinding aid protects high value parts from heat discoloration and the self-sharpening Ceramic Alumina grain provides cool, fast-cutting action, allowing you to do more work, more quickly. Discs are contaminant free, with Iron, Sulfur and Chlorine $\leq 0.1\%$.

**MADE IN
USA**

APPLICATIONS

- Flat surface grinding
- Light pressure / blending
- Weld grinding / blending
- Heavy stock removal
- Edge grinding
- Fillet grinding
- Irregular surface

LIFE ●●●●●●●●●●
AGGRESSION ●●●●●●●●●●
USE ON SS / AL ●●●●●●●●●●



SABER TOOTH FLAP DISCS Angled Style (Type 29) / Phenolic Backing

Cool, fast cutting on hard-to-grind metals.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Ceramic Alumina
4-1/2"	7/8"	36	13,000	10	50100
		40			50101
		60			50102
		80			50103
4-1/2"	5/8"-11 Nut	36	13,000	10	50104*
		40			50105*
		60			50106*
		80			50107*
7"	7/8"	36	8,600	10	50108
		40			50109
		60			50110
		80			50111
7"	5/8"-11 Nut	36	8,600	10	50112*
		40			50113*
		60			50114*
		80			50115*



50102



SABER TOOTH TRIM FLAP DISCS Angled Style (Type 29) / Composite Backing

Cool, fast cutting on hard-to-grind metals. High stock removal, long life and flexibility.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Ceramic Alumina
4-1/2"	7/8"	40	13,000	10	50117
		60			50118
		80			50119
4-1/2"	5/8"-11 Nut	40	13,000	10	50121*
		60			50122*
		80			50123*



50121



SABER TOOTH HIGH DENSITY (HD) FLAP DISCS Flat Style (Type 27) / Phenolic Backing

Cool, fast cutting on hard-to-grind metals. Increases conformability and provides 30-40% longer life than standard (Type 29) flap discs.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Ceramic Alumina
4-1/2"	7/8"	40	13,000	10	50130
		60			50131
		80			50132
4-1/2"	5/8"-11 Nut	40	13,000	10	50133*
		60			50134*
		80			50135*
7"	7/8"	40	8,600	10	50136
		60			50137
		80			50138
7"	5/8"-11 Nut	40	8,600	10	50139*
		60			50140*
		80			50141*



50139



*Patent # 6,945,863



Weiler's BobCat flap discs are designed for use on right angle die grinders without the need for a back-up pad. The 2" and 3" mini discs provide smooth grinding and enhanced conformability in tight areas.

MADE IN USA



Blending welds on a steel rule die with a BobCat disc.

APPLICATIONS

- Grinding and finishing for hard to reach areas
- High, aggression, rapid stock removal
- Grinding, deburring and blending
- Metal fabrication, weld blending or edge chamfering

P BOBCAT MINI FLAP DISCS Plastic Backing (No back-up pad required)
Ideal for tight spaces and in heavy-duty applications where blending discs do not hold up.

Diameter	Grit Size	Max. RPM	Standard Pack	Item Number	
				Zirconia Alumina	
				Type 29	Type 27
2"	36	30,000	10	50922	50932
	40			50923	50933
	60			50924	50934
	80			50925	50935
	120			—	50936
3"	36	20,000	10	50902	50912
	40			50903	50913
	60			50904	50914
	80			50905	50915
	120			50906	50916

*Patent # 5,951,389



- LIFE ●●●●●
- AGGRESSION ●●●●●
- NIMBLE ●●●●●



50924 & 50904

BOBCAT DRIVE MANDREL

For mounting BobCat Discs without a backing pad.

Description	Standard Pack	Item Number
For mounting 2" & 3" BobCats on tools with 1/4" collets	1	07766

3" BobCats can also be mounted on Weiler metal hub pad #60509.



07766

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

"Weiler products are very rugged consumables. They have a long life."

- **Dave Porzuczek**, Assistant Foreman, Karnel Incorporated



TIGER PAW™ FLAP DISCS / PERFORMANCE LINE



Weiler's Tiger Paw flap discs are designed for the user looking for aggressive performance and long life in heavy-duty applications like **grinding on the edge of pipe**.

MADE IN USA

100% Zirconia Alumina grain is fast cutting with long life, resulting in fewer changeovers and increased productivity.

Superior grain retention - lasts longer and maintains perfect cutting angle to provide excellent performance and sustained stock removal when grinding on-edge while the engineered poly/cotton cloth features excellent grain retention for maximum disc life.

APPLICATIONS

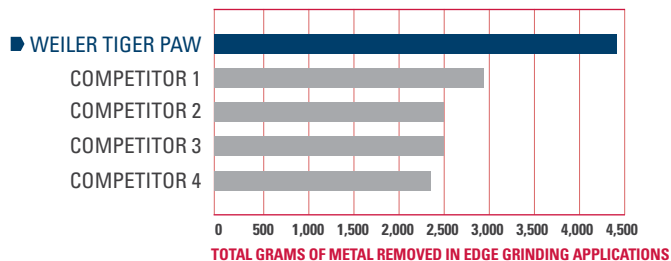
- Light pressure / blending
- Heavy stock removal
- Irregular surface
- Weld grinding / blending
- Edge grinding



Beveling pipe on edge with a Tiger Paw flap disc.

TIGER PAW REMOVES MORE MATERIAL

TOTAL GRAMS OF METAL REMOVED FROM WORKPIECE OVER LIFE OF FLAP DISC

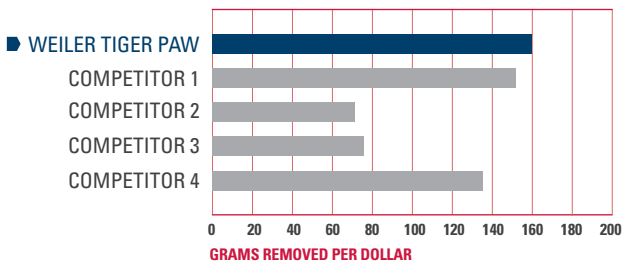


TOTAL GRAMS OF METAL REMOVED IN EDGE GRINDING APPLICATIONS

Test Procedure: Weiler Tiger Paw 4-1/2" Type 29 standard density flap disc vs. similar competing flap discs. Test grinder mounted at 15° angle against 1/8" workpiece with 15 pounds of pressure. Bi-directional 8" travel. Discs and workpiece weighed after 5 minutes intervals for the life of the product. Tiger Paw usable life: 17 minutes. Competitors' usable life: 8 - 10 minutes.

GET MORE FOR YOUR MONEY

TOTAL GRAMS OF METAL REMOVED FOR EVERY DOLLAR YOU SPEND



GRAMS REMOVED PER DOLLAR

- LIFE ●●●●●●●●●●
- AGGRESSION ●●●●●●●●●●
- EDGE GRINDING ●●●●●●●●●●

P TIGER PAW Angled Style (Type 29) / Phenolic Backing

Aggressive action and long life; for heavy-duty applications on Steel and Stainless.



51118



51147

Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number	
					Zirconia Alumina	
4"	5/8"	40	15,000	10	51104	
		60			51105	
4-1/2"	7/8"	36	13,000	10	51118	
		40			51119	
		60			51120	
		80			51121	
4-1/2"	5/8"-11 Nut	36	13,000	10	51123*	
		40			51124*	
		60			51125*	
		80			51126*	
5"	7/8"	40	12,000	10	51129	
		60			51130	
5"	5/8"-11 Nut	36	12,000	10	51153*	
		40			51132*	
		60			51133*	
		80			51154*	
7"	7/8"	40	8,600	10	51145	
		60			51150	
7"	5/8"-11 Nut	36	8,600	10	51149*	
		40			51146*	
		60			51147*	
		80			51148*	

*Patent # 6,945,863



TIGER PAW Flat Style (Type 27) / Phenolic Backing

Smooth action and long life; for heavy-duty applications on Steel and Stainless.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Zirconia Alumina
4"	5/8"	40	15,000	10	51101
		60			51102
4-1/2"	7/8"	36	13,000	10	51107
		40			51108
		60			51109
		80			51110
4-1/2"	5/8"-11 Nut	36	13,000	10	51112*
		40			51113*
		60			51114*
		80			51115*
5"	7/8"	40	12,000	10	51134
		60			51135
5"	5/8"-11 Nut	36	12,000	10	51155*
		40			51156*
		60			51157*
		80			51158*
7"	7/8"	40	8,600	10	51137
		60			51138
7"	5/8"-11 Nut	36	8,600	10	51139*
		40			51140*
		60			51142*
		80			51143*

*Patent # 6,945,863



51115

HIGH DENSITY

Tiger Paw Extreme High Density flap discs feature thicker and larger flaps that conform to curved and irregular surfaces while producing a consistent finish. These high density flap discs are designed for the user looking for **extended life and conformability** in heavy-duty applications.

- 40% more abrasive cloth than a standard flap disc.
- 100% Zirconia Alumina grain provides superior edge grinding.
- Engineered poly/cotton cloth features excellent grain retention for maximum disc life.



TIGER PAW HD FLAP DISCS Flat Style (Type 27) / Phenolic Backing

Extended life and conformability; for heavy-duty applications on Steel and Stainless Steel.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
					Zirconia Alumina
4-1/2"	7/8"	36	12,000	10	51160
		40			51161
		60			51162
		80			51163
4-1/2"	5/8"-11 Nut	36	12,000	10	51164*
		40			51165*
		60			51166*
		80			51167*
7"	7/8"	40	8,600	10	51170
		60			51171
7"	5/8"-11 Nut	40	8,600	10	51168*
		60			51169*

*Patent # 6,945,863

LIFE ●●●●●

AGGRESSION ●●●●●

EDGE GRINDING ●●●●●



51168

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

VORTEC PRO® FLAP DISCS / VALUE LINE

VORTEC Pro

Weiler's Vortec Pro flap discs are fast cutting professional grade products using the same exacting standards as the Weiler performance line flap discs, but engineered to be cost-effective. Vortec Pro Abrasives are an economical choice for the construction trades, low volume production shops and the professional contractor.

**MADE IN
USA**



Grinding welds on a fabricated steel part.

APPLICATIONS

- Flat surface grinding
- Light pressure / blending
- Weld grinding / blending
- Heavy stock removal
- Irregular surface

LIFE ●●●●●
AGGRESSION ●●●●●
PRICE/DISC ●●●●●



VORTEC PRO FLAP DISCS Angled Style (Type 29) / Phenolic & Aluminum Backing

High cut rate at a value price.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number	
					Phenolic Backing	Aluminum Backing
					Zirconia Alumina	
4"	5/8"	36	15,000	10	31337 ■	—
		40			31338	—
		60			31339 ■	—
		80			31340 ■	—
		120			31341	—
4-1/2"	7/8"	24	13,000	10	31342	—
		36			31343 ■	31307 ■
		40			31344	31308
		60			31345 ■	31309 ■
		80			31346 ■	31310 ■
		120			31347	—
4-1/2"	5/8"-11 Nut	24	13,000	10	31348*	—
		36			31349*	31313*
		40			31350*	31314*
		60			31351*	31315*
		80			31352*	31316*
		120			31353*	31317*
5"	7/8"	36	12,000	10	31355	—
		40			31356	—
		60			31357	—
		80			31358	—
		36			31360	—
7"	7/8"	24	8,600	10	31361 ■	—
		36			31362	31326
		40			31363 ■	—
		60			31364 ■	—
		80			31367*	31331*
		36			31368*	31332*
7"	5/8"-11 Nut	40	8,600	10	31369*	31333*
		60			31370*	31334*
		80				

*Patent # 6,945,863



31350



31369

Key:

P PERFORMANCE LINE
Industrial Grade

V VALUE LINE
Professional Grade

V **VORTEC PRO FLAP DISCS** Flat Style (Type 27) / Phenolic Backing
Smooth grinding action at a value price.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number	
					Zirconia Alumina	
4-1/2"	7/8"	36	13,000	10	31401	
		40			31402	
		60			31403	
		80			31404	
4-1/2"	5/8"-11 Nut	36	13,000	10	31407*	
		40			31408*	
		60			31409*	
		80			31410*	
7"	7/8"	40	8,600	10	31414	
		60			31415	
7"	5/8"-11 Nut	36	8,600	10	31419*	
		40			31420*	
		60			31421*	
		80			31422*	

*Patent # 6,945,863



31402

V **VORTEC PRO HD FLAP DISCS** Flat Style (Type 27) / Phenolic Backing
Increased life and conformability over other Vortec Pro discs at a value price.



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number	
					Zirconia Alumina	
4-1/2"	7/8"	40	12,000	10	31387	
		60			31388	
		80			31389	
4-1/2"	5/8"-11 Nut	40	12,000	10	31390*	
		60			31391*	
		80			31392*	

*Patent # 6,945,863



31390

V **VORTEC PRO DISPLAY PACKS** Angled Style (Type 29) / Phenolic & Aluminum Backing
Standard performance on Steel and Stainless.



Diameter	Arbor Hole	Grit Size	Max. RPM	Item Number	
				Phenolic Backing	Aluminum Backing
				Zirconia Alumina	
4"	5/8"	36	15,000	30822	—
		60		30825	—
		80		30826	—
4"	5/8-11 Nut	36	15,000	—	30821
		60		—	30823
		80		—	30824
4-1/2"	7/8"	36	13,000	30828	—
		60		30831	—
		80		30832	—
4-1/2"	5/8"-11 Nut	36	13,000	—	30827
		60		—	30829
		80		—	30830



30831

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.

P TIGER MOUNTED 1/4" STEM FLAP WHEELS

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



52010

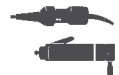


52027

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

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

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



52621

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

Key:

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

VORTEC Pro

GREAT VALUE AT THE RIGHT PRICE

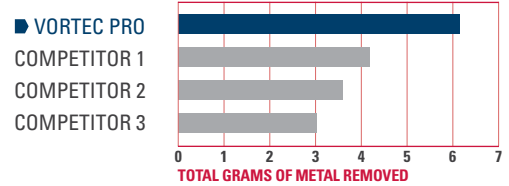
Vortec Pro Flap Wheels offer a high cut rate at a cost-effective price. The smart option for use in medium production environments.

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

VORTEC PRO FLAP WHEELS OUTPERFORM

3"x1", 60 GRIT FLAP WHEEL PERFORMANCE OVER 30 MINUTES



Performance comparison based on automated lab testing completed by Weiler.

V VORTEC PRO 1/4" STEM MOUNTED FLAP WHEELS

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



Diameter	Width	Grit Size	Max. RPM	Standard Pack	Item Number
					Aluminum Oxide
1"	1"	60	30,000	10	30720
		80			30721
		120			30722
2"	1"	60	25,000	10	30723
		80			30724
		120			30725
3"	1"	60	23,000	10	30726
		80			30727
		120			30728



30726

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

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



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



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



Blending welds on the corner of a steel furniture frame.

Weiler's premium resin fiber discs are suitable for light grinding, blending, surface preparation and finishing on a variety of materials.

APPLICATIONS

Saber Tooth™ Ceramic Alumina: Cool, fast cutting action on Aluminum, Stainless Steel and other hard-to-grind metals.

Zirconia Alumina: High performance grinding of Stainless Steel, tool Steel and hard-to-grind materials.

Aluminum Oxide: All purpose weld blending, grinding, surface preparation and finishing of metals, plastic, wood and fiberglass.



SABER TOOTH RESIN FIBER DISCS

These coated abrasive discs are designed for cool, fast weld blending, grinding, surface preparation and finishing on Aluminum, Stainless Steel and other hard-to-grind metals.



59557

Diameter	Arbor Hole	Grit Size	Std. Pack	Item Number - Ceramic Alumina
4-1/2"	7/8"	24	25	59550
		36		59551
		50		59552
		60		59553
		80		59554
5"	7/8"	24	25	59557
		36		59558
		50		59559
		60		59560
		80		59561
7"	7/8"	24	25	59564
		36		59565
		50		59566
		60		59567
		80		59568



RESIN FIBER DISCS

Ideal for blending, finishing and surface preparation.



59732



59503

Diameter	Arbor Hole	Grit Size	Standard Pack	Item Number	
				Zirconia Alumina	Aluminum Oxide
4"	5/8"	24	25	—	59491
		36		—	59492
		50		—	59493
		60		—	59494
		80		—	59495
		120		—	59497
4-1/2"	7/8"	24	25	59731	59571
		36		59732	59573
		50		59733	59575
		60		—	59576
		80		—	59577
		100		—	59578
5"	7/8"	120	25	—	59579
		16		—	59500
		24		59701	59501
		36		59702	59503
		50		—	59505
		60		—	59506
7"	7/8"	80	25	—	59507
		100		—	59508
		16		—	59520
		24		59711	59521
		36		59712	59523
		50		—	59525
9"	7/8"	60	25	—	59526
		80		—	59527
		100		—	59528
		120		—	59529
		36		—	59543
		—		—	—

Do not exceed maximum RPM of back-up pad.

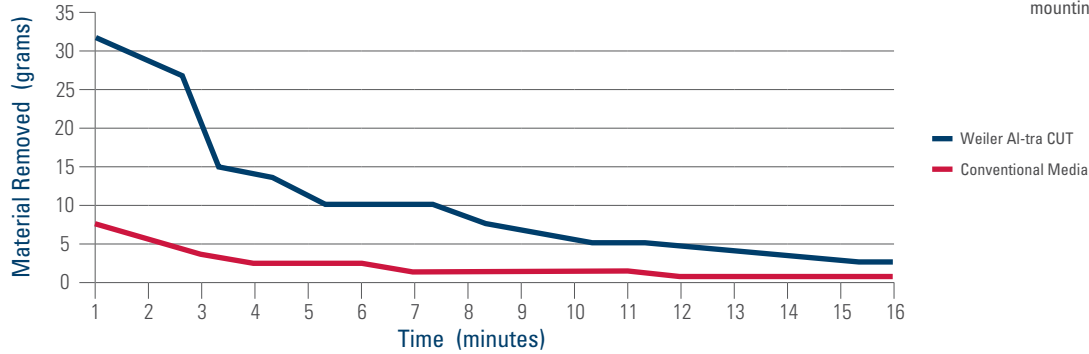
AL-TRA CUT™ DISCS

Weiler's Al-tra CUT discs are specially formulated for superior grinding performance on Aluminum. AL-tra CUTs **improve grinding on Aluminum 400-800%**! These revolutionary discs resist loading, ensure higher cut rates, prolong disc life and achieve a superior finish compared to conventional sanding and grinding discs in the market. AL-tra CUT discs outlast conventional resin fiber discs 5 to 1.

ALUMINUM APPLICATIONS

- Weld blending
- Grinding
- Deburring
- Finishing

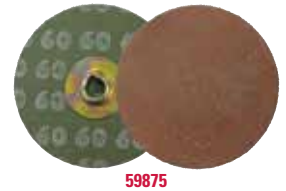
MATERIAL REMOVED VS. TIME



Blending welds and saw marks on a mounting bracket.

P 2" & 3" AL-TRA CUT DISCS

Diameter	Grit Size	Standard Pack	Item Number	
			Aluminum Oxide	
			Metal Hub*	Plastic Button*
2"	36	50	59869	59806
	60		59870	59807
	80		59871	59808
	120		—	59809
3"	36	25	59874	59811
	60		59875	59812
	80		59876	59813
	120		59877	59814



P 4-1/2" & 7" AL-TRA CUT DISCS

Diameter	Arbor Hole	Grit Size	Standard Pack	Item Number
				Aluminum Oxide
4-1/2"	7/8"	36	25	59821
		60		59823
		80		59824
		120		59826
7"	7/8"	36	25	59862
		60		59864
		80		59865



Do not exceed maximum RPM of back-up pad.
Do not store AL-tra Cut discs above 120° F.

ACCESSORIES FOR RESIN FIBER & AL-TRA CUT 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.



WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

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.

APPLICATIONS

Saber Tooth™ Ceramic Alumina: Cool, fast cutting action on Aluminum, Stainless Steel and other hard-to-grind metals.

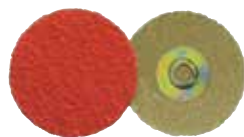
Zirconia Alumina: High performance grinding of Stainless Steel, tool Steel and hard-to-grind materials.

Aluminum Oxide: All purpose weld blending, grinding, surface preparation and finishing of metals, plastic, wood and fiberglass.

Blending surface imperfections prior to painting.

P SABER TOOTH BLENDING DISCS Plastic Button / Metal Hub Style

For Aluminum, Stainless and other hard-to-grind metal applications.



60150

Diameter	Grit Size	Standard Pack	Item Number	
			Ceramic Alumina	
			Metal Hub	Plastic Button
2"	36	100	60150	60170
	60		60151	60171
	80		60152	60172
3"	36	50	60155	60175
	60		60156	60176
	80		60157	60177

P BLENDING DISCS Metal Hub Style



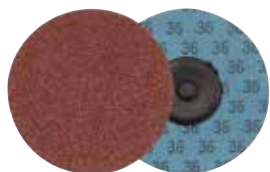
60044



60391

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

P BLENDING DISCS Plastic Button Style



60131

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

BACK-UP PADS 1/4" Stem



51552

60508

Diameter	Max. RPM	Standard Pack	Metal Hub	Plastic Button
			Item Number	Item Number
2"	25,000	1	60508	51551
3"	20,000	1	60509	51552

Do not exceed maximum RPM of back-up pad.

Do Not store AL-tra Cut Discs above 120° F.

* 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.)



COATED ABRASIVES





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.

P PERFORMANCE LINE

INDUSTRIAL GRADE

Engineered and manufactured to maximize performance and minimize operating costs in the most demanding surface conditioning applications. The use of superior construction, the highest quality materials and the most stringent manufacturing processes deliver the lowest cost-of-use and most consistent performance in heavy production environments.

V VALUE LINE

PROFESSIONAL GRADE

Weiler's value line is manufactured using similar product construction and the same exacting standards as other Weiler power brushes, but engineered to provide cost-effective use in less demanding environments. Vortec Pro® brushes are an economical choice for the construction trades, low volume production shops and light duty industrial MRO use.

KNOT 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

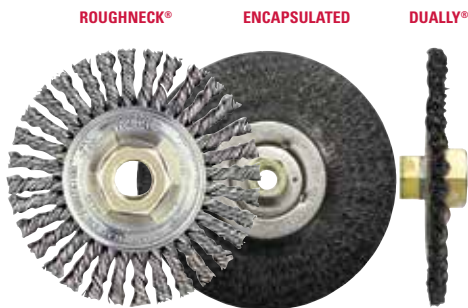
Provides very aggressive brushing action. Sharp wire tips make this knot aggressive right from the start.



Stringer Bead Twist

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

BRUSH TYPES



Page 44-46

Stringer Bead Wheels

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



Page 47

Bevel Brushes

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



Page 48-49

Cup Brushes

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



Page 50-51

End Brushes

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

THE BEST STRINGER BEAD BRUSHES

BAR NONE



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

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

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

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.

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.

WEILER ROUGHNECK®

MADE IN USA

Weiler's Roughneck brush construction virtually eliminates knot movement resulting in the most effective cleaning action, smoothest operation, and longest wheel life.

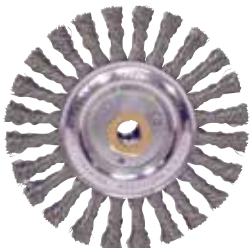
Offered in a variety of widths for efficient use in inter-pass weld cleaning operations, our entire line of Roughnecks excel at removing slag, spatter, and oxidation without damaging the filler material. They are engineered to maximize your efficiency and minimize your costs.



13131



09000



08776



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	Standard Pack	Item Number		
									Steel	Stainless	
Root Pass Brushes											
4"	.020	1/2"-3/8"	32	3/16"	7/8"	7/16"	20,000	5	13124	08954*	
		M10 x 1.25							13125 ■	13132	
		M10 x 1.50							13126	-	
		M14 x 2.0							13127	13134	
		3/8"-24 UNF							13128	13135	
		1/2"-13 UNC							13130	13137	
		5/8"-11 UNC							13131 ■	13138 ■	
4-1/2"	.020	5/8"-11 UNC 7/8"	38	3/16"	13/16"	3/8"	15,000	5	13232	13238	
									13234	13249	
5"	.020	5/8"-11 UNC 7/8"	38	3/16"	7/8"	3/8"	12,500	5	08756	08806	
									08750	-	
6"	.020	5/8"-11 UNC	48	3/16"	1-1/8"	3/8"	12,500	10	08766†	-	
			38		1-3/8"				3/8"	-	08786†•
			56		1-1/8"				7/16"	09400 ■	09500
6-7/8"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	9,000	10	09000 ■	09200	
			76								09100
Filler Pass Brushes											
5"	.023	5/8"-11 UNC	24	1/2"	7/8"	3/8"	12,500	5	09856	09866	
6"	.023	5/8"-1/2"	24	1/2"	1-3/8"	9/16"	12,500	10	08775	-	
		5/8"-11 UNC	24	1/2"	1-3/8"	9/16"			08776 ■	08796 •	
		5/8"-11 UNC	30	1/2"	1-1/4"	5/8"			08916	08926 •	
		5/8"-11 UNC	30	5/16"	1-3/8"	1/2"			09386	09396 •	

† Light Duty • Standard Pack 5 * Standard Pack 10

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



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	
6-7/8"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	9,000	10	35600 ▲	
7"	.014	5/8"-11 UNC	-	3/16"	1-15/16"	3/8"	9,000	5	35216	

▲ Stringer Bead Wheels



35216

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.

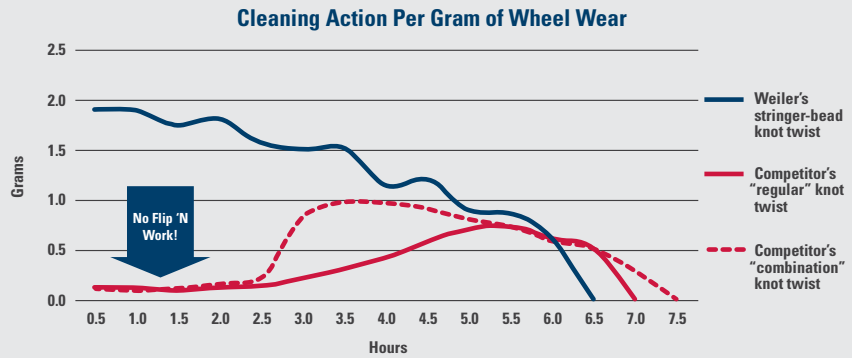


These "Flip 'N Fast" Wheels offer:

- **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.

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 **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.

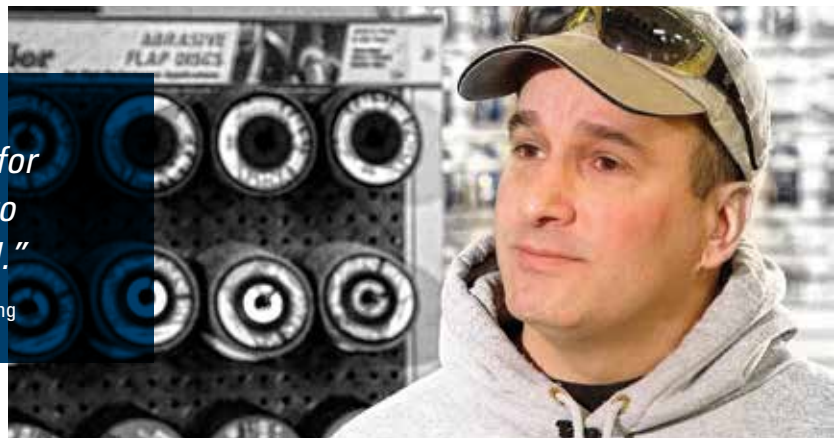


79802

Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Thickness at Face Plates	Max. RPM	Standard 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

"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



WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES



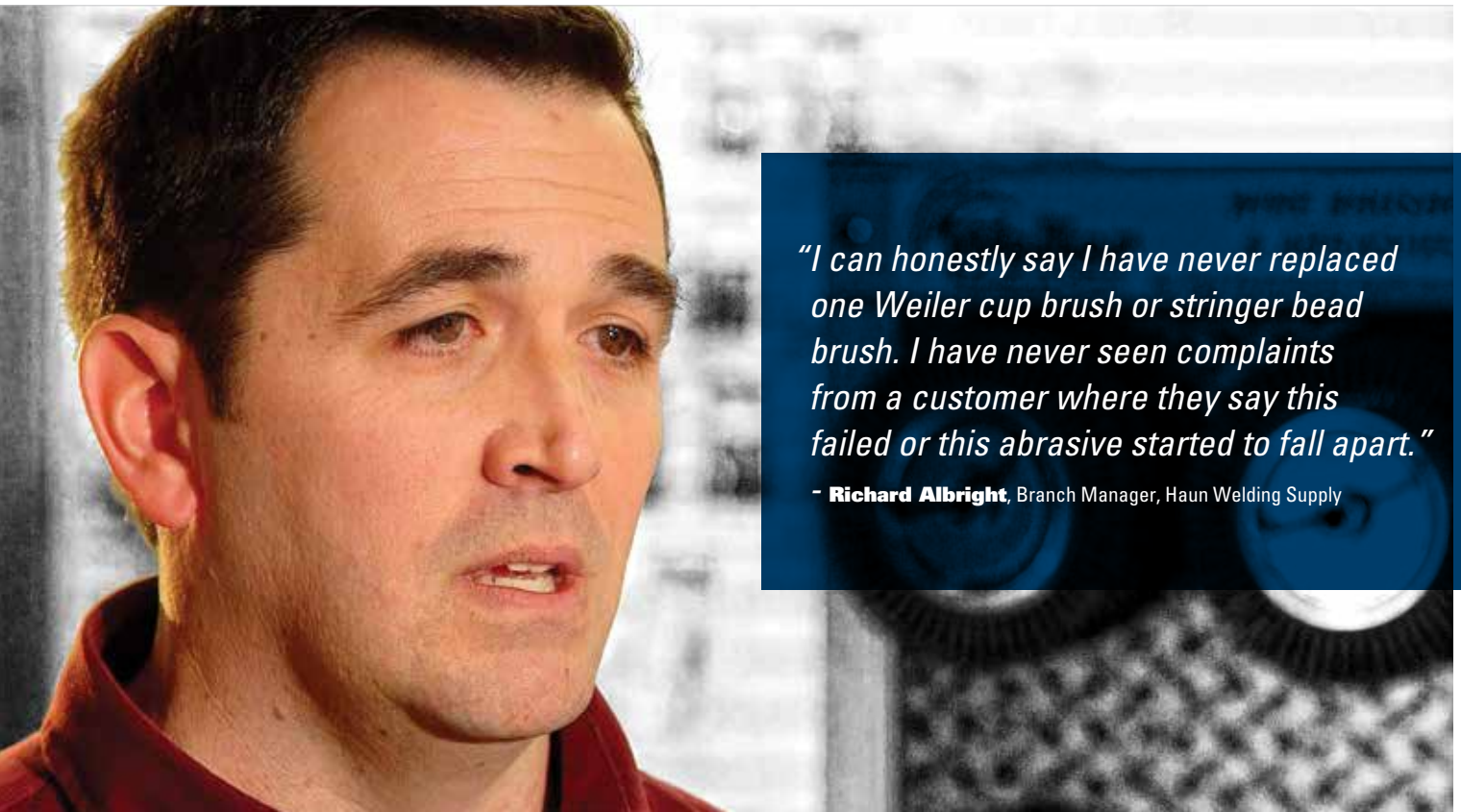
36218

V **VORTEC PRO® 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	Wire Type	Arbor Hole	No. of Knots	Face Width	Trim Length	Max. RPM	Item Number	
								Display Pack	Box Quantity
4"	.020	Carbon	5/8"-11 UNC	30	1/4"	7/8"	20,000	36018	36218
		Stainless						-	36219
5"	.020	Carbon	5/8"-11 UNC	38	3/16"	7/8"	12,500	-	36295
		Stainless						-	36296
6"	.020	Carbon	5/8"-11 UNC	48	1/4"	1-1/4"	12,500	-	36225
		Carbon			3/16"	1-3/8"		-	36307†
6-7/8"	.020	Carbon	5/8"-11 UNC	56	3/16"	1-1/8"	9,000	-	36297

† Light Duty



"I can honestly say I have never replaced one Weiler cup brush or stringer bead brush. I have never seen complaints from a customer where they say this failed or this abrasive started to fall apart."

- **Richard Albright**, Branch Manager, Haun Welding Supply

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



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 packaging. Add "P" to end of item number when placing order.



13266

V **VORTEC PRO CABLE TWIST WHEELS** provide the most aggressive brushing action for general purpose cleaning and surface preparation applications.



Dia.	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Max. RPM	Item Number
							Display Pack
4"	.020	5/8"-11 UNC	20	1/4"	7/8"	20,000	36055



36055

Key:

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

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

WIRE CUP BRUSHES



Removing slag from a flame-cut steel plate.

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**

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

APPLICATIONS

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

CUP BRUSH SIZE SELECTION GUIDE

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



13021



13156



12276

P KNOT WIRE CUP BRUSHES Single Row

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



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

* With internal nut

♦ Cable Twist

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

V VORTEC PRO® KNOT WIRE CUP BRUSHES Single Row

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



Diameter	Wire Size	Wire Type	Arbor Hole	Trim Length	Max. RPM	Item Number	
						Display Pack	Box Quantity
2-3/4"	.020	Carbon	5/8"-11 UNC	1"	14,000	36038	36238
		Stainless				-	36239
3-1/2"	.020	Carbon	5/8"-11 UNC	7/8"	13,000	36066	-
4"	.025	Carbon	5/8"-11 UNC	1-1/4"	10,200	36044	36244
5"	.023	Carbon	5/8"-11 UNC	1-3/8"	7,000	36070	-
6"	.025	Carbon	5/8"-11 UNC	1-3/8"	6,600	36045	36245



36244

P CRIMPED WIRE CUP BRUSHES

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



Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number		
						Steel	Stainless	Brass
3-1/2"	.014	M10 x 1.25	7/8"	12,000	1	13175	13182	-
		3/8"-24 UNF				13178	13185	-
		5/8"-11 UNC				13181	13188	-
4"	.0118	5/8"-11 UNC	1-3/8"	10,200	1	14016	-	-
	.014					14026	-	-
	.020					14036 ■▲	14126	-
5"	.014	5/8"-11 UNC	1-1/4"	8,000	1	-	-	14606
	.014					14206 ▲	-	-
	.020					14216	14256	-
6"	.014	5/8"-11 UNC	1-1/4"	6,600	1	14066 *▲	-	-
	.020					14076 ■*	14166*	-

* With internal nut

■ Available in display packaging. Add "P" to end of item number when placing order.

▲ Available in non-sparking Bronze wire.



14026

V VORTEC PRO CRIMPED WIRE CUP BRUSHES

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



Diameter	Wire Size	Wire Type	Arbor Hole	Trim Length	Max. RPM	Item Number	
						Display Pack	Box Quantity
3-1/2"	.014	Carbon	5/8"-11 UNC	7/8"	12,000	36068	-
4"	.020	Carbon	5/8"-11 UNC	1-1/8"	9,000	36036	36236
5"	.020	Carbon	5/8"-11 UNC	1-1/4"	9,000	36061	-
6"	.020	Carbon	5/8"-11 UNC	1-1/2"	6,600	36037	36237



36037

P THREADED ADAPTERS

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

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

■ Available in display packaging. Add "P" to end of item number when placing order.



07771

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

STEM-MOUNTED END BRUSHES



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.

MADE IN USA

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.



10026

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	7/8"	22,000	10025 ■	10029	—	
	.020	—	—	10026 ■	10030	—	
	1-1/8"	.006	1"	20,000	10	10141	10142 •
.0104		1-1/8"	10212			10213	—
.0118		—	—	10187	—	—	
.014		7/8"	22,000	10027 ■	10031	—	
.020		—	—	10028 ■	10032	10067	

■ Available in display packaging. Add "P" to end of item number when placing order.
• Coated Cup



36251

V VORTEC PRO® 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	Wire Type	Trim Length	Max. RPM	Item Number	
					Display Pack	Box Quantity
3/4"	.014	Carbon	7/8"	22,000	—	36286
	.020	Carbon			36050	36250
1"	.014	Carbon	7/8"	22,000	—	36288
	.020	Carbon			36051	36251



11141

P KNOT WIRE END BRUSHES Banded

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



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

* Trim length from bands

P CRIMPED WIRE END BRUSHES

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



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

■ Available in display packaging. Add "P" to end of item number when placing order.



10002

V VORTEC PRO® 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	Wire Type	Trim Length	Max. RPM	Item Number	
					Display Pack	Box Quantity
1/2"	.0104	Carbon	7/8"	25,000	—	36282
3/4"	.006	Stainless	7/8"	22,000	—	36283
	.0104	Carbon			36047	36247
	.014	Carbon			36046	36246
1"	.006	Carbon	7/8"	22,000	—	36284
	.006	Stainless			—	36285
	.0104	Carbon			36049	36249
	.014	Carbon			36048	36248



36247

P CONTROLLED FLARE END BRUSHES*

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



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

*Patent #8,186,000 B2



10310

Key:

P PERFORMANCE LINE Industrial Grade
V VALUE LINE Professional Grade

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

BRUSHES

CRIMPED WIRE WHEELS



Removing carbon build-up from an engine.

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

**MADE IN
USA**

APPLICATIONS

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

P SMALL DIAMETER WHEELS

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



15533

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

P CONFLEX BRUSHES

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



17641

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 packaging. Add "P" to end of item number when placing order.

P WIDE FACE CONFLEX BRUSHES

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



17637

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



HAND BRUSHES

SCRATCH BRUSHES | CHIP & OIL BRUSHES

SCRATCH BRUSHES

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



Cleaning surface rust in order to repair a weld.

P CURVED HANDLE SCRATCH BRUSHES Hardwood block

Ideal for cleaning and prepping surfaces.

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

* V-Groove



44594
Top View



44053



44055

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



25150

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



44063



44065

WHY WEILER

BONDED ABRASIVES

COATED ABRASIVES

HAND BRUSHES



25100

VORTEC PRO® SHOE HANDLE SCRATCH BRUSHES

Reliable and efficient brushes at a value price.

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



44069

HEAVY-DUTY SCRATCH BRUSH WITH SCRAPER .012 Steel Wire

Ideal for cleaning and prepping surfaces.

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



25211

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

Reliable and efficient brushes at a value price.

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



44075

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

*Wire drawn

+ Countertop display available.

* Wire drawn



44806

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



40068

V VORTEC PRO® CHIP AND OIL BRUSHES

Reliable and efficient brushes at a value price.

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



40181



40161



40029



40141

WHY WELDER

BONDED ABRASIVES

COATED ABRASIVES

HAND BRUSHES

Key:

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

ITEM NUMBER INDEX

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
07721.....	52	10220.....	50	13232.....	44	30726.....	35	31402.....	33	40070.....	57	50104.....	28
07746.....	49	10301.....	51	13234.....	44	30727.....	35	31403.....	33	40071.....	57	50105.....	28
07756.....	35	10302.....	51	13238.....	44	30728.....	35	31404.....	33	40076.....	57	50106.....	28
07766.....	29	10303.....	51	13249.....	44	30735.....	35	31407.....	33	40137.....	57	50107.....	28
07769.....	49	10305.....	51	13253.....	48	30736.....	35	31408.....	33	40139.....	57	50108.....	28
07771.....	49	10306.....	51	13255.....	48	30737.....	35	31409.....	33	40140.....	57	50109.....	28
07772.....	49	10307.....	51	13256.....	48	30738.....	35	31410.....	33	40141.....	57	50110.....	28
08750.....	44	10309.....	51	13257.....	48	30745.....	35	31414.....	33	40160.....	57	50111.....	28
08756.....	44	10310.....	51	13258.....	48	30746.....	35	31415.....	33	40161.....	57	50112.....	28
08766.....	44	10311.....	51	13266.....	47	30821.....	33	31419.....	33	40162.....	57	50113.....	28
08775.....	44	10313.....	51	13276.....	47	30822.....	33	31420.....	33	40163.....	57	50114.....	28
08776.....	44	10314.....	51	13281.....	48	30823.....	33	31421.....	33	40164.....	57	50115.....	28
08786.....	44	10315.....	51	13282.....	48	30824.....	33	31422.....	33	40165.....	57	50117.....	28
08796.....	44	10317.....	51	13283.....	48	30825.....	33	35206.....	44	40166.....	57	50118.....	28
08806.....	44	10319.....	51	13284.....	48	30826.....	33	35216.....	44	40177.....	57	50119.....	28
08916.....	44	10321.....	51	13285.....	48	30827.....	33	35600.....	44	40179.....	57	50121.....	28
08926.....	44	10322.....	51	13286.....	48	30828.....	33	35800.....	44	40180.....	57	50122.....	28
08954.....	44	10323.....	51	13299.....	48	30829.....	33	36018.....	46	40181.....	57	50123.....	28
09000.....	44	11140.....	50	13406.....	47	30830.....	33	36036.....	49	40182.....	57	50130.....	28
09100.....	44	11141.....	50	13426.....	47	30831.....	33	36037.....	49	40183.....	57	50131.....	28
09200.....	44	12206.....	48	13416.....	47	30832.....	33	36038.....	49	40184.....	57	50132.....	28
09386.....	44	12256.....	48	13436.....	47	31307.....	32	36044.....	49	40185.....	57	50133.....	28
09396.....	44	12276.....	48	13456.....	47	31308.....	32	36045.....	49	44053.....	55	50134.....	28
09400.....	44	12306.....	48	13466.....	47	31309.....	32	36046.....	51	44054.....	55	50135.....	28
09500.....	44	12316.....	48	13476.....	47	31310.....	32	36047.....	51	44055.....	55	50136.....	28
09856.....	44	12326.....	48	13486.....	47	31313.....	32	36048.....	51	44056.....	55	50137.....	28
09866.....	44	12356.....	48	14016.....	49	31314.....	32	36049.....	51	44057.....	55	50138.....	28
10001.....	51	12376.....	48	14026.....	49	31315.....	32	36050.....	50	44058.....	55	50139.....	28
10002.....	51	12396.....	48	14036.....	49	31316.....	32	36051.....	50	44061.....	55	50140.....	28
10003.....	51	12406.....	48	14066.....	49	31317.....	32	36055.....	47	44062.....	55	50141.....	28
10004.....	51	12416.....	48	14076.....	49	31326.....	32	36061.....	49	44063.....	55	50502.....	24
10005.....	51	12456.....	48	14126.....	49	31331.....	32	36066.....	49	44064.....	55	50503.....	24
10006.....	51	12476.....	48	14166.....	49	31332.....	32	36068.....	49	44065.....	55	50504.....	24
10007.....	51	12736.....	48	14206.....	49	31333.....	32	36070.....	49	44069.....	56	50505.....	24
10008.....	51	12746.....	48	14216.....	49	31334.....	32	36218.....	46	44075.....	56	50506.....	24
10009.....	51	12776.....	48	14256.....	49	31337.....	32	36219.....	46	44100.....	55	50509.....	24
10010.....	51	12816.....	48	14606.....	49	31338.....	32	36225.....	46	44101.....	55	50510.....	24
10011.....	51	12826.....	48	15433.....	52	31339.....	32	36236.....	49	44167.....	56	50511.....	24
10012.....	51	12846.....	48	15453.....	52	31340.....	32	36237.....	49	44189.....	56	50512.....	24
10013.....	51	12856.....	48	15473.....	52	31341.....	32	36238.....	49	44235.....	55	50513.....	24
10014.....	51	12866.....	48	15533.....	52	31342.....	32	36239.....	49	44251.....	56	50514.....	24
10015.....	51	12886.....	48	15553.....	52	31343.....	32	36244.....	49	44299.....	55	50515.....	24
10016.....	51	13015.....	48	15573.....	52	31344.....	32	36245.....	49	44432.....	55	50516.....	24
10017.....	51	13020.....	48	15637.....	52	31345.....	32	36246.....	51	44551.....	56	50517.....	24
10018.....	51	13021.....	48	16933.....	52	31346.....	32	36247.....	51	44594.....	55	50518.....	24
10019.....	51	13025.....	48	16973.....	52	31347.....	32	36248.....	51	44609.....	56	50519.....	24
10020.....	51	13124.....	44	17609.....	52	31348.....	32	36249.....	51	44619.....	56	50520.....	24
10021.....	51	13125.....	44	17610.....	52	31349.....	32	36250.....	50	44637.....	56	50522.....	24
10022.....	51	13126.....	44	17611.....	52	31350.....	32	36251.....	50	44731.....	56	50523.....	24
10023.....	51	13127.....	44	17615.....	52	31351.....	32	36282.....	51	44732.....	56	50524.....	24
10024.....	51	13128.....	44	17616.....	52	31352.....	32	36283.....	51	44733.....	56	50525.....	24
10025.....	50	13130.....	44	17617.....	52	31353.....	32	36284.....	51	44805.....	56	50526.....	24
10026.....	50	13131.....	44	17618.....	52	31355.....	32	36285.....	51	44806.....	56	50532.....	24
10027.....	50	13132.....	44	17619.....	52	31356.....	32	36286.....	50	44810.....	56	50533.....	24
10028.....	50	13134.....	44	17621.....	52	31357.....	32	36288.....	50	50002.....	27	50534.....	24
10029.....	50	13135.....	44	17622.....	52	31358.....	32	36295.....	46	50003.....	27	50536.....	24
10030.....	50	13137.....	44	17623.....	52	31360.....	32	36296.....	46	50004.....	27	50541.....	24
10031.....	50	13138.....	44	17637.....	52	31361.....	32	36297.....	46	50005.....	27	50542.....	24
10032.....	50	13150.....	48	17641.....	52	31362.....	32	36307.....	46	50006.....	27	50543.....	24
10067.....	50	13151.....	48	25100.....	56	31363.....	32	36512.....	13	50007.....	27	50544.....	24
10141.....	50	13152.....	48	25104.....	56	31364.....	32	40026.....	57	50008.....	27	50545.....	24
10142.....	50	13153.....	48	25150.....	55	31367.....	32	40027.....	57	50009.....	27	50546.....	24
10187.....	50	13155.....	48	25154.....	55	31368.....	32	40028.....	57	50010.....	27	50552.....	24
10208.....	50	13156.....	48	25201.....	55	31369.....	32	40029.....	57	50011.....	27	50553.....	24
10210.....	50	13160.....	48	25202.....	55	31370.....	32	40030.....	57	50012.....	27	50554.....	24
10211.....	50	13163.....	48	25211.....	56	31387.....	33	40031.....	57	50014.....	27	50555.....	24
10212.....	50	13175.....	49	30720.....	35	31388.....	33	40032.....	57	50015.....	27	50562.....	24
10213.....	50	13178.....	49	30721.....	35	31389.....	33	40065.....	57	50016.....	27	50563.....	24
10215.....	50	13181.....	49	30722.....	35	31390.....	33	40066.....	57	50100.....	28	50564.....	24
10216.....	50	13182.....	49	30723.....	35	31391.....	33	40067.....	57	50101.....	28	50565.....	24
10217.....	50	13185.....	49	30724.....	35	31392.....	33	40068.....	57	50102.....	28	50572.....	24
10218.....	50	13188.....	49	30725.....	35	31401.....	33	40069.....	57	50103.....	28	50573.....	24

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
50574	24	50845	26	51167	31	56068	12	57080	11	59503	36	60040	38
50575	24	50846	26	51168	31	56070	12	57081	11	59505	36	60043	38
50582	24	50902	29	51169	31	56076	12	57082	11	59506	36	60044	38
50583	24	50903	29	51170	31	56080	12	57083	11	59507	36	60046	38
50585	24	50904	29	51171	31	56086	12	57090	11	59508	36	60053	38
50592	24	50905	29	51200	23	56099	12	57091	11	59520	36	60056	38
50593	24	50906	29	51201	23	56103	12	57092	11	59521	36	60057	38
50594	24	50912	29	51202	23	56108	12	57100	16	59523	36	60059	38
50595	24	50913	29	51203	23	56118	12	57101	16	59525	36	60118	38
50601	24	50914	29	51204	23	56131	15	57102	16	59526	36	60121	38
50606	24	50915	29	51205	23	56163	15	57103	16	59527	36	60122	38
50616	24	50916	29	51206	23	56230	12	57104	16	59528	36	60124	38
50632	24	50922	29	51207	23	56239	12	57105	16	59529	36	60131	38
50633	24	50923	29	51208	23	56240	12	57106	16	59543	36	60134	38
50634	24	50924	29	51209	23	56271	12	57107	16	59550	36	60135	38
50635	24	50925	29	51210	23	56273	12	57120	14	59551	36	60137	38
50649	24	50932	29	51211	23	56275	12	57121	14	59552	36	60150	38
50650	24	50933	29	51212	23	56277	12	57122	14	59553	36	60151	38
50651	24	50934	29	51213	23	56278	12	57123	14	59554	36	60152	38
50653	25	50935	29	51214	23	56279	15	57124	14	59557	36	60155	38
50654	25	50936	29	51215	23	56280	15	57125	14	59558	36	60156	38
50655	25	51101	31	51216	23	56281	12	57126	14	59559	36	60157	38
50659	24	51102	31	51217	23	56282	12	57127	14	59560	36	60170	38
50660	24	51104	30	51218	23	56283	12	57401	15	59561	36	60171	38
50661	24	51105	30	51219	23	56383	12	57403	15	59564	36	60172	38
50663	25	51107	31	51220	23	56384	12	58000	10	59565	36	60175	38
50664	25	51108	31	51221	23	56385	12	58001	10	59566	36	60176	38
50665	25	51109	31	51222	23	56391	12	58002	10	59567	36	60177	38
50668	25	51110	31	51223	23	56392	12	58020	10	59568	36	60378	38
50669	25	51112	31	51224	23	56393	12	58021	10	59571	36	60381	38
50670	25	51113	31	51225	23	56423	12	58022	10	59573	36	60382	38
50673	25	51114	31	51226	23	56425	16	58023	10	59575	36	60384	38
50674	25	51115	31	51227	23	56426	16	58050	16	59576	36	60391	38
50675	25	51118	30	51228	23	56427	16	58051	16	59577	36	60394	38
50683	25	51119	30	51229	23	56428	16	58052	16	59578	36	60395	38
50684	25	51120	30	51230	23	56429	16	58053	16	59579	36	60397	38
50693	25	51121	30	51231	23	56430	16	58054	16	59600	37	60508	38
50694	25	51123	30	51232	23	56449	15	58055	16	59601	37	60509	38
50695	25	51124	30	51233	23	56454	15	58059	17	59602	37	73217	55
50696	25	51125	30	51234	23	56455	15	58060	17	59603	37	73218	55
50699	25	51126	30	51551	38	56457	15	58061	17	59604	37	79800	45
50706	25	51129	30	51552	38	56464	15	58062	17	59605	37	79801	45
50713	25	51130	30	52003	34	56466	15	58070	14	59611	37	79802	45
50714	25	51153	30	52004	34	56467	15	58071	14	59701	36	79803	45
50715	25	51132	30	52005	34	56468	15	58072	14	59702	36	79804	45
50733	25	51133	30	52009	34	56470	15	58073	14	59711	36	79805	45
50734	25	51134	31	52010	34	56473	15	58074	14	59712	36	79810	45
50735	25	51135	31	52011	34	56474	12	58075	14	59731	36	79811	45
50746	25	51137	31	52015	34	56475	12	58100	10	59732	36	79812	45
50763	26	51138	31	52016	34	56476	12	58101	10	59733	36	79813	45
50764	26	51139	31	52017	34	56477	12	58102	10	59806	37	79814	45
50765	26	51140	31	52024	34	56484	25	58110	10	59807	37	79815	45
50768	26	51142	31	52025	34	56489	13	58111	10	59808	37	95013	56
50769	26	51143	31	52027	34	56490	13	58112	10	59809	37	95014	56
50770	26	51145	30	52028	34	56491	13	58114	16	59811	37	95151	56
50783	26	51146	30	52029	34	56494	13, 25	58115	16	59812	37	99383	56
50784	26	51147	30	52366	34	56495	13, 25	58116	16	59813	37		
50786	26	51148	30	52367	34	56484	13	58117	16	59814	37		
50803	26	51149	30	52486	34	57001	11	58120	14	59821	37		
50804	26	51150	30	52487	34	57020	11	58121	14	59823	37		
50805	26	51154	30	52601	34	57021	11	58122	14	59824	37		
50806	26	51155	31	52603	34	57022	11	58123	14	59826	37		
50808	26	51156	31	52605	34	57023	11	58124	14	59862	37		
50809	26	51157	31	52611	34	57040	11	58125	14	59864	37		
50810	26	51158	31	52613	34	57041	11	59491	36	59865	37		
50823	26	51160	31	52621	34	57042	11	59492	36	59869	37		
50824	26	51161	31	52623	34	57043	11	59493	36	59870	37		
50825	26	51162	31	56013	12	57044	11	59494	36	59871	37		
50833	26	51163	31	56015	12	57045	11	59495	36	59874	37		
50834	26	51164	31	56061	12	57046	11	59497	36	59875	37		
50843	26	51165	31	56062	12	57060	11	59500	36	59876	37		
50844	26	51166	31	56065	12	57061	11	59501	36	59877	37		

WHY WELER

BONDED ABRASIVES

COATED ABRASIVES

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.



WEILER ABRASIVES GROUP

**Weiler
Abrasive Group**
One Weiler Drive
Cresco, PA 18326 USA

Weiler de México
Querétaro, México

Weiler do Brasil
São Paulo, Brazil

SwatyComet, ToroFlex
Bindlach, Germany

SwatyComet, Slovenia
• Maribor (HQ)
• Zreče
• Loče
• Oplotnica

Weiler Suzhou
Suzhou, China

800.835.9999 / weilercorp.com



Reorder No. WC163 Rev. 2-16 / 21610MS / ©2016 Weiler Abrasives Group. All Rights Reserved.

