

# PIPELINE



*High performance pipeline products  
for the most demanding jobs.*

# RISE'N GRIND

## HIGH PERFORMANCE PIPELINE PRODUCTS FOR THE MOST DEMANDING JOBS.

For generations, pipeliners have trusted Weiler's Roughneck® Stringer Bead Brushes (*AKA Skinny Buffing Wheels, Bead Brushes*) and Aluminum Backed Tiger® Flap Discs (*AKA Tiger Paws, Sanding Discs*) to get the job done in the most demanding environments. With the addition of our Pipeline Grinding Wheels (*AKA Bead Grinder, Grinder Disc*), Weiler Abrasives manufactures the trifecta of high performance bonded abrasives, coated abrasives, and power brushes designed, tested, and proven specifically for use on the pipeline.

**From the first tack to the final cap, Weiler Abrasives delivers the performance you need.**

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### PRODUCT SELECTION KEY:



RIGHT OF WAY



FAB YARD



MAINTENANCE & REPAIR



# PIPELINE APPROVED

We worked directly with Pipeline Welders and Helpers to design our new TIGER® Pipeline Grinding Wheels. They told us what they needed and we listened. They tested the wheels and we used their feedback to make them better, and we didn't stop until we had a design that exceeded all expectations.

*Pipeliners spoke and we listened...*



**Do NOT Chip** *Operators will no longer feel the need to chip the wheel to get it to bite*

**Reduced Chatter**

**Superior Cut & Life**

1



WHEEL FOR: GRINDING NOTCHING



# PIPELINE GRINDING WHEEL

FOR BEAD GRINDING, TRANSITIONS & FACING THE LAND

AKA BEAD GRINDER, GRINDER DISC



Weiler's Pipeline Grinding Wheels are designed specifically for pipeline applications. Whether grinding a bead, facing the land, prepping transitions, or fabricating in the yard, this wheel is ready to work out of the box, delivering consistent, aggressive grinding throughout the life of the wheel, eliminating the need to chip it.

TYPE 27  
FOR PIPELINE

## TIGER PIPELINE GRINDING WHEELS

CERAMIC INFUSED / Fast Grinding & Long Life on Pipe

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

🔥 Core Pipeline Items

**"Don't chip it. Just let it ride!"**

- Pipeliner, Josh Silky Smooth



Meets ANSI Standards

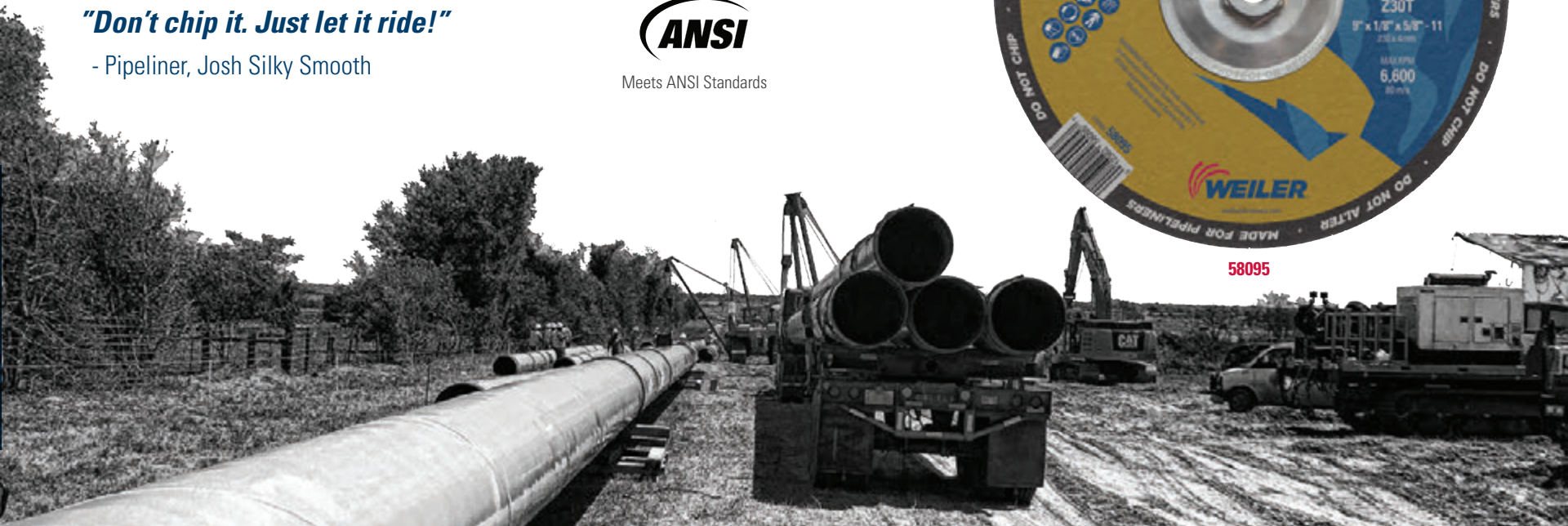
58094



NEW



58095



# TIGER MECH NOTCHING WHEEL

FOR BEAD GRINDING ON MECHANICAL PIPE WELDS



Weiler's Tiger Mech Wheels are designed for grinding applications on mechanical welds with J and K bevels. These high performance wheels are thinner than standard pipe notching wheels, allowing the operator to grind the starts and stops without scarring the bevel.




## TYPE 27 FOR MECHANIZED PIPE WELDING



### TIGER MECH NOTCHING WHEELS

CERAMIC INFUSED / Notching Mechanized Pipe Welds

5/8"-11 Arbor

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

 Core Pipeline Items



58066

58068

58067



*"I am really glad to see you guys out here learning about our industry"*

- Welding Foreman

**Designed to Fit** *Tiger Mech reaches the bead without widening or scarring the bevel*

**Optimized Performance** *Designed specifically to grind starts and stops on J and K bevels*

**Superior Cut & Life**

# POWER BRUSHES

AKA *BUFFING WHEEL, BEAD BRUSH, SLAG BEATER*

*"Weiler is better and lasts longer and cleans better than other buffing wheels"*

- Welder Helper

Weiler weld cleaning 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:** Minimizes the amount of wire that is thrown at you as the brush wears

**SUPERIOR DESIGN:** Wire tips remove slag faster to insure inclusions are removed before the next pass

**SUPERIOR CONSTRUCTION:** Eliminates the break in time where you feel the brush is not doing any work

# ROUGHNECK

MADE IN  
USA  
WITH GLOBAL  
MATERIALS



## STRINGER BEAD WHEELS / Steel Wire / Sharp Wire Tips Clean Right Out of the Box

These brushes are the standard for high-performance weld cleaning brushes. Ideal for cleaning hot welds.

Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Face Plates	Max. RPM	Std. Pack	Item No.
<b>Root Pass Brushes</b> for cleaning root and hot passes									
4"	.020	5/8"-11 UNC	32	3/16"	7/8"	7/16"	20,000	5	13131
4-1/2"	.020	5/8"-11 UNC	38	3/16"	13/16"	3/8"	15,000	5	13232
5"	.020	5/8"-11 UNC	38	3/16"	7/8"	3/8"	12,500	5	08756
6"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	12,500	10	09400
7"	.020	5/8"-11 UNC	56 76	3/16"	1-1/8"	7/16"	9,000	10	09000 🔥 09100
<b>Filler Pass Brushes</b> for cleaning filler and cap passes									
5"	.023	5/8"-11 UNC	24	1/2"	7/8"	3/8"	12,500	5	09856
6"	.023	5/8"-11 UNC	30	1/2"	1-1/4"	5/8"	12,500	10	08916

🔥 Core Pipeline Items



09000

## THE DUALLY®

MADE IN  
USA  
WITH GLOBAL  
MATERIALS



## STRINGER BEAD WHEELS / Steel Wire / Designed to Flip / Improved User Safety

A dual-hex nut design simplifies periodic flipping of the wheel for aggressive cleaning and long life. Dually is safer because the nut provides the necessary clearance so there is no need to remove the guard from the grinder when flipping the wheel. Ideal for cleaning hot welds.

Diameter	Wire Size	Arbor Hole	No. of Knots	Face Width	Trim Length	Face Plates	Max. RPM	Std. Pack	Item No.
<b>Root Pass Brushes</b> for cleaning root and hot passes									
4-1/2"	.020	5/8"-11 UNC	38	3/16"	13/16"	3/8"	15,000	5	79801
5"	.020	5/8"-11 UNC	38	3/16"	7/8"	3/8"	12,500	5	79802
6"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	12,500	5	79805
7"	.020	5/8"-11 UNC	56	3/16"	1-1/8"	7/16"	9,000	5	79800 🔥
<b>Filler Pass Brushes</b> for cleaning filler and cap passes									
5"	.023	5/8"-11 UNC	24	1/2"	7/8"	3/8"	12,500	5	79803
6"	.023	5/8"-11 UNC	30	1/2"	1-1/4"	5/8"	12,500	5	79804

🔥 Core Pipeline Items



79800

## POLYFLEX® ENCAPSULATED

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USA  
WITH GLOBAL  
MATERIALS



## ENCAPSULATED STRINGER BEAD WHEELS / Steel Wire / NO Long Wire Breakage / Extremely Aggressive

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

Diameter	Wire Size	Arbor Hole	Face Width	Trim Length	Face Plates	Max. RPM	Std. Pack	Item Number
<b>Stringer Bead Wheels</b>								
4"	.020	5/8"-11 UNC	3/16"	7/8"	7/16"	20,000	5	35800
7"	.020	5/8"-11 UNC	3/16"	1-1/8"	7/16"	9,000	10	35600
<b>Crimp Wire Wheels</b>								
6"	.014	5/8"-11 UNC	3/16"	1-7/16"	3/8"	9,000	5	35206
7"	.014	5/8"-11 UNC	3/16"	1-15/16"	3/8"	9,000	5	35216 🔥

🔥 Core Pipeline Items



35216

# ALUMINUM BACK FLAP DISC



When you ask for a Tiger disc, make sure that's what you get.  
There is only one true Tiger and it's made by Weiler Abrasives.

TYPE 29  
FOR PIPELINE



## TIGER ALUMINUM BACK FLAP DISC

Tiger Aluminum Back flap discs are the benchmark for the pipeline industry, providing rigid support for maximum aggression. These wheels are ideal for removing heavy pitting and resists rolling the bevel ends prior to welding. The aluminum backing also prevents the disc from catching on the bevel when grinding.

Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Pack	Item Number
4-1/2"	5/8"-11 Nut	40	13,000	10	50518
		60			50519
		80			50520
7"	5/8"-11 Nut	40	8,600	10	50543
		60			50544
		80			50545

Core Pipeline Items

MADE IN  
**USA**  
WITH GLOBAL  
MATERIALS



50544



**AKA TIGER PAWS, SANDING DISC, SANDING PAD**

*"We use flapper wheels to take the seam back 1/2" on the inside and the cut" - then we "Tiger Paw the whole bevel"*

- Welder Helper

**Self-sharpening** ZIRCONIA ALUMINA grains hold up under extreme pressure

Backing plate provides **rigid support** for cleaning pits out of the bevel and shining up the repair to spot the defect

Aluminum backing plate won't catch the bevel, helps **prevent kick back** when grinding

A black and white photograph of a worker in safety gear using a power tool with a grinding wheel on a metal pipe. The worker is wearing a high-visibility vest, a long-sleeved shirt, and heavy-duty gloves. The power tool is a large, industrial-grade grinder with a prominent grinding wheel. The worker is holding the tool with both hands, and the grinding wheel is in contact with a vertical metal pipe. Sparks are visible at the point of contact. The background is a gravel surface. A red horizontal bar is overlaid on the top part of the image, containing the text 'CUTTING, GRINDING & COMBO WHEELS'. A dark blue horizontal bar is overlaid on the bottom right part of the image, containing the text 'TYPE 28 Grinding Wheels are designed for increased aggression at lower working angles and access for pipe transitioning.'

# CUTTING, GRINDING & COMBO WHEELS

**TYPE 28 Grinding Wheels** are designed for increased aggression at lower working angles and access for pipe transitioning.

## AKA SLICER, CUT OFF, 045 / AKA SAUCER, CONCAVE DISC

### TYPE 27 FOR NOTCHING & GRINDING



#### TIGER ZIRC NOTCHING & GRINDING COMBO / Zirconia Alumina

Combination wheels offer flexibility and efficiency when switching between notching and grinding applications. Triple fiberglass reinforcement provides the strength to hold up when grinding while maintaining a fast cut.

TYPE 27  
5/8"-11 Hub

Diameter	Thickness	Grade	Max. RPM	Standard Pack	Item No.
4-1/2"	1/8"	Z30T	13,300	10	58050
5"	1/8"	Z30T	12,200	10	58052
6"	1/8"	Z30T	10,200	10	58054
7"	1/8"	Z30T	8,500	10	58055
9"	1/8"	Z30T	6,600	10	58057



57055

### TYPE 28 FOR TRANSITIONS



#### TIGER ZIRC TYPE 28 GRINDING WHEELS / Saucer Shape for Grinding Transitions

Zirconia Alumina depressed center wheels with a concave "or saucer" shape is designed for increased aggression at lower working angles and increased access. These wheels are ideal for pipe transitioning.

TYPE 28  
5/8"-11 Hub

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



58080

### TYPE 27 FOR CUTTING



#### TIGER AO CUTTING WHEELS / Ideal for Yard or Field Repairs

Weiler Tiger Aluminum Oxide depressed center cutting wheels deliver the right combination of performance and value when cutting steel and other metals. The depressed center provides added clearance when working at a constrained angle and .045 wheel thickness is ideal for cutting applications in fab yard or field repairs.

TYPE 27  
7/8"-11 Arbor

TYPE 27  
5/8"-11 Hub

Diameter	Wheel	Grade	Max. RPM	Std. Pack	Item No.	Std. Pack	Item No.
4-1/2"	.045"	A60T	13,300	25	57041	10	57040
5"	.045"	A60T	12,200	25	57043	10	57042
6"	.045"	A60T	10,200	25	57045	10	57044
7"	.060"	A60T	8,500	25	57046	10	57048



57048



40185

## VORTEC PRO® CHIP AND OIL BRUSHES

**White Bristle / Wood Handle** - Inexpensive, multipurpose tools for use in applications requiring a disposable applicator or utility brush. They are ideal brushes for applying pipe coatings in the field.



Width	Thickness	Bristle Length	Standard Pack	Item Number
2"	5/16"	1-1/2"	24	40181
3"	3/8"	1-1/2"	12	40183
4"	5/8" DOUBLE THICK 3/8" SINGLE THICK	1-3/4"	12	40184 🔥 40185 🔥

🔥 Core Pipeline Items



12766

12316

## KNOT WIRE CUP BRUSHES

**Steel Wire / Single Row**

Smooth operation and efficient removal of surface rust and light corrosion.

MADE IN  
USA  
WITH GLOBAL  
MATERIALS



Diameter	Wire Size	Arbor Hole	Trim Length	Max. RPM	Std. Pack	Item Number
<b>Single Row</b>						
4"	.023	5/8"-11 Nut	1-1/4"	10,200	1	12316
<b>Double Row</b>						
4"	.020	5/8"-11 Nut	1-1/4"	9,000	1	12766



44053

## SCRATCH BRUSHES

are versatile hand tools for performing a variety of cleaning applications such as removing slag, dirt, flaking paint, loose scale, and light rust.



## CURVED HANDLE SCRATCH BRUSH / Hardwood Block / .012 Steel Wire / Made in U.S.A.

High-quality construction for more effective brushing action and longer life.

Block Size	Brush Length	Rows	Trim Length	Standard Pack	Item Number
14" x 7/8"	5-1/2"	3 x 19	1-3/16"	12	44053



25150

## VORTEC PRO® CURVED HANDLE SCRATCH BRUSH

**Hardwood Block / .012 Steel Wire** Provides lasting, efficient service at a minimal cost. Imported.

Block Size	Brush Length	Rows	Trim Length	Standard Pack	Item Number
13-1/2" x 1"	6"	3 x 19	1"	12	25150



44063

## SHOE HANDLE SCRATCH BRUSH / Hardwood Block / .012 Steel Wire / Made in U.S.A.

High-quality construction for cleaning and prepping surfaces.

Block Size	Brush Length	Rows	Trim Length	Standard Pack	Item Number
10" x 1-1/8"	5"	4 x 16	1-3/16"	12	44063



25100

## VORTEC PRO® SHOE HANDLE SCRATCH BRUSH

**Hardwood Block / .012 Steel Wire** Reliable and efficient brushes at a value price.

Block Size	Brush Length	Rows	Trim Length	Standard Pack	Item Number
10" x 1"	5"	4 x 16	1"	12	25100





## ON THE LINE, YARDS & SHOP

Weiler Abrasives is dedicated to delivering the service and support needed to help pipeliners get their jobs done faster and safer. Our team is on the line and in the yards working with you to ensure our products deliver maximum productivity. We also want operators to be safe, so we provide field training for safe and proper use of abrasives and brushes.

**Contact your Weiler Abrasives Rep or visit us at [WeilerAbrasives.com](https://www.weilerabrasives.com) to learn more about our SPOT pipeline safety training program.**

Follow Us on Social Media: @weilerabrasives

