



# Products for Aluminum, Stainless and Other Hard-to-Grind Metals

## Saber Tooth™ Ceramic Abrasive Products



### Ceramic Abrasive Products:

- Flap Discs
- Blending Discs
- Resin Fiber Discs
- Belts

Fast-cutting, ceramic abrasives for superior performance on stainless, aluminum and other hard-to-grind metals.

# Introduction



**Weiler TIGER<sup>®</sup> DISC**

## Saber Tooth<sup>™</sup> Your "Hard-to-Grind" Metals Solution!

**Weiler's Saber Tooth Ceramic Abrasives provide cool, fast-cutting action on Aluminum, Stainless Steel and other hard-to-grind metals, resulting in lower grinding and finishing costs.**

- **Fast cut and long life** due to the aggressive self-sharpening ceramic grain.
- **Specially formulated grinding aid** prevents dulling and glazing of grain and allows for "cool-cutting" protecting high value parts from heat discoloration.
- **Designed to work with heat sensitive materials** such as Aluminum, Stainless Steel, Inconel, Titanium and other hard-to-grind metals.

- Weld Blending
- Grinding
- Deburring
- Deflashing
- Surface Finishing
- Edge Chamfering

## Flap Discs

**Saber Tooth Ceramic Flap Discs** - Grind and finish aluminum, stainless steel and other hard-to-grind metals in ONE step, resulting in fewer changeovers and increased productivity – and that means instant value.



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- Weiler's Ceramic Flap Discs are contaminant free, which means Iron, Sulfur and Chlorine is  $\leq 0.1\%$ .
- Bright red grinding aid provides cool, fast cutting.

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Dissipates Heat



**Saber Tooth Ceramic Flap Discs - Phenolic Backing, Angled Style (Type 29)**

Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Package	Item Number
4 1/2"	7/8"	36	13,000	10	50100
		40			50101
		60			50102
		80			50103
4 1/2"	5/8"-11	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	36	8,600	10	50112
		40			50113
		60			50114
		80			50115

**Adapting Nuts and Spanner Wrench**

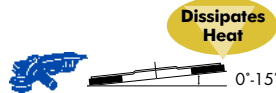
Description	Thread Size	Use With	Standard Package	Item Number
Adapting Nuts	5/8"-11	Discs with 7/8" Arbor	1 Pair	56494
Spanner Wrench	-	Adapting Nuts	1	56495



# Specialty Flap Discs

**Saber Tooth High Density Ceramic Flap Discs** - A thicker disc with larger flaps which conforms to curved and irregular surfaces while producing a consistent finish. Provides increased conformability and maximum life when grinding aluminum, stainless steel and other hard-to-grind metals.

## Saber Tooth High Density Ceramic Flap Discs - Phenolic Backing, Flat Style (Type 27)



Diameter	Arbor Hole	Grit Size	Max. RPM	Standard Package	Item Number
4 1/2"	7/8"	40	13,000	10	50130
		60			50131
		80			50132
4 1/2"	5/8"-11	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	40	8,600	10	50139
		60			50140
		80			50141



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## Exclusive! Saber Tooth Trimmable Ceramic Flap Discs

This is the first line of ceramic flap discs in the marketplace that includes a trimmable backed disc, providing these additional benefits:

- **Trimmable backing for extended disc life.**
- **High flexibility** which enables you to access hard-to-reach areas such as right angles and irregular shapes, and grind on-edge without changing tools, increasing productivity.
- **Performance-engineered** with a non-marking backing that will not damage the work-piece, resulting in less re-work and scrap.

The backing can be trimmed up to 3/8" from the original diameter, dramatically extending the life of the disc.



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## Saber Tooth Ceramic Flap Discs - Trimmable Backing, Angled Style (Type 29)



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



### NOTE

All applicable Weiler Abrasives comply with the Safety Standards of the American National Standards Institute: ANSI B7.1 "Safety Requirements - For the Use, Care and Protection of Abrasive Wheels".





# Blending Discs & Resin Fiber Discs

**Saber Tooth Ceramic Blending Discs** - These cloth backed, coated abrasive discs are ideal for a wide range of light fabrication, repair and maintenance applications on aluminum, stainless steel or other hard-to-grind metals.

## Saber Tooth Ceramic Blending Discs



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

Compatible with 3M Roloc™ back-up pads.

Dissipates Heat

Diameter	Grit Size	Std. Pkg.	Metal Hub Item No.	Plastic Button Item No.
2"	36	100	60150	60170
	60		60151	60171
	80		60152	60172
3"	36	50	60155	60175
	60		60156	60176
	80		60157	60177

## Accessories for Blending Discs

Description	Size	Max. RPM	Std. Pkg.	Item No.
Metal Hub Style Back-up Pad	2"	25,000	1	60508
Metal Hub Style Back-up Pad	3"	20,000	1	60509
Plastic Button Style Back-up Pad	2"	25,000	1	51551
Plastic Button Style Back-up Pad	3"	20,000	1	51552

Do not exceed maximum RPM of back-up pad.

**Saber Tooth Ceramic Resin Fiber Discs** - These fiber backed, coated abrasive discs are designed for all purpose weld blending, grinding, surface preparation and finishing on Aluminum, Stainless Steel and other hard-to-grind metals.

## Saber Tooth Ceramic Resin Fiber Discs - Unique bright red color.



Dissipates Heat

Diameter	Arbor Hole	Grit Size	Std. Pkg.	Item No.
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

## Accessories for Resin Fiber Discs

Description	Thread Size	Max. RPM	Std. Pkg.	Item No.
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
Spanner Wrench	-	-	1	59603
Disc Nut	5/8"-11	-	1	59604

Distributed By:



## Ceramic Belts also available!

Contact Customer Service at 800-835-9999 for available sizes and grits.



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