




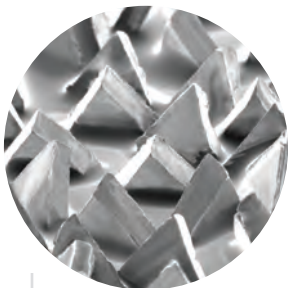


# 3M™ Stainless Steel Finishing System

Discover how fast and effective 3M abrasives can be for the often difficult task of stainless steel weld removal and finishing. This 3-step system features our Scotch-Brite™, Cubitron™ II and Trizact™ abrasives.

In three easy steps, using the 3M Finishing System, you can grind and blend welds to match your finish.

<b>Leveling the Weld</b>  <b>1</b>		<b>Premium</b> 3M™ Cubitron™ II Fibre Disc 987C
		<b>Advanced</b> 3M™ Fibre Disc 787C
<b>Setting the Grain</b>  <b>2</b>		<b>Premium</b> 3M™ Cubitron™ II Belt 947A
		<b>Advanced</b> 3M™ Belt 777F
<b>Final Finishing: Choose Your Finish</b>  <b>3</b>		<b>Premium</b> #3 Finish: Scotch-Brite™ Surface Conditioning Belt A CRS #4 Finish: Scotch-Brite™ Surface Conditioning Belt A MED #5–8 Finish: 3M™ Trizact™ Abrasive Belt 237AA / 217EA

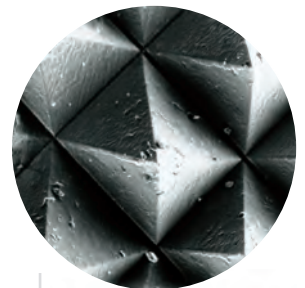


## CUBITRON™ II

The precision-shaped grain found in 3M™ Cubitron™ II belts continuously fractures to form sharp points and edges.



Scotch-Brite™ non-woven synthetic fiber and abrasive mineral forms a web that is open, tough, conformable and long-lasting.



## Trizact™

Trizact grain featuring microreplicated three-dimensional abrasive structures for the finest finishes.

# 1

## Leveling the Weld

Using the following products for weld leveling helps prepare stainless steel for #3 and #4 finishes.

### Recommended Starting Points

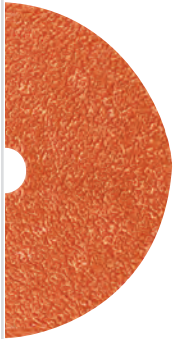
*Fibre Discs are engineered to cut faster, cooler and with less grinding pressure than conventional abrasives. And they are long lasting for increased productivity!*

#### Option #1

##### 3M™ Cubitron™ II Fibre Disc 987C

60+

- ▶ Powered by 3M Precision-Shaped Grain for ultra-fast cut and exceptional life
- ▶ Includes a grinding aid for cooler running temperatures
- ▶ Best in class for weld prep and removal on heat sensitive alloys such as stainless steel



#### Option #2

##### 3M™ Fibre Disc 787C

60+

- ▶ Powered by 3M Precision-Shaped Grain
- ▶ Optimized for stainless steel and non-ferrous metals like aluminum and titanium
- ▶ Cuts cooler, faster and lasts longer than conventional ceramic discs in applications like weld removal, beveling, edge chamfering and more
- ▶ Includes a grinding aid for cooler running temperatures



**Tech Tip:** Use the finest grade of abrasive that gets the job done; finer grind lines are easier to remove. Use a 7" dia. black ribbed faceplate to level the weld quickly and leave fine grind lines.

### Alternative Selections

*Flap Discs offer an unbeatable system for grinding and blending in one easy step. The construction wears away, exposing fresh mineral to extend disc life and provide consistent cut rates. 3M™ Roloc™ Discs provide a fast, efficient method for grinding, blending, leveling and finishing on all types of metal.*

##### 3M™ Cubitron™ II Flap Disc 967A

60+

- ▶ Powered by 3M Precision-Shaped Grain, this disc cuts fast and lasts long
- ▶ Exceptional for stainless steel fabrication where finish and gouge resistance are important
- ▶ Long-life and consistency at any grinding pressure
- ▶ Constructed with a poly-cotton backing that exposes fresh mineral as it wears, for a fast, forgiving cut



##### 3M™ Cubitron™ II Roloc™ Disc 987C

60+

- ▶ Powered by 3M Precision-Shaped Grain, engineered with ultra-sharp, fast cutting points that wear evenly, run cool, and optimize mineral breakdown to maximize life
- ▶ Includes grinding aid for cooler running temperatures, reducing metal discoloration/oxidation and the chance of heat related stress cracks
- ▶ Disc life is significantly longer, completing more parts per disc and requiring fewer disc changes
- ▶ Best in class for weld prep and removal on heat sensitive alloys such as stainless steel



##### 3M™ Cubitron™ II Roloc™ Durable Edge Disc 984F

60+

- ▶ Powered by 3M Precision-Shaped Ceramic Grain for ultra-fast cut and exceptional life
- ▶ Includes a grinding aid for cooler running temperatures

