



Science.
Applied to Life.™

Grind
& Finish



Application Guide

Winning combinations for stainless steel.

**Produce more with less—choose winning combinations
and streamline your abrasive process for stainless steel.**

Winning combinations bring together our best abrasive technologies to help you succeed from start to finish. The abrasive pairing recommendations come straight from our technical application engineers, who have hands on experience and a deep understanding of what it takes to succeed in abrasive processing. Whether you're looking to improve your workflow, reduce waste, or increase worker comfort, we've got you covered.

Learn more about winning combinations at [3M.com/Metalworking](https://www.3M.com/Metalworking)

3M abrasive solutions designed for industrial environments.

At 3M we specialize in delivering engineered abrasive solutions for every step of your abrasive process. We help you improve productivity and safety so that you can succeed every day from first cut to final finish.



Cutting



Grinding



Deburring



Blending



Cleaning



Finishing

Get the Winning
Combination

Stainless Steel

Weld and Weld Spatter Cleaning

Stainless weld cleaning and spatter removal can get a lot easier and quicker when using either of these two-step sequence options.



3M™ Flap Disc
769F, 40+



Scotch-Brite™ Clean and
Strip XT Pro Extra Cut Disc



Scotch-Brite™ Bristle Disc, P80

Click to buy yours today ►

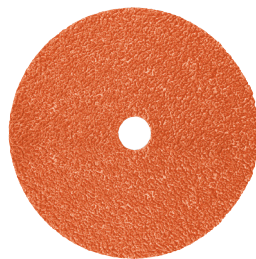
Buy now

Buy now

Buy now

Grinding and Refining

Get rapid grinding action and premium scratch-removal power on small TIG welds with an optimized two-step process.



3M™ Cubitron™ II Fibre Disc
987C Center Hole, 60+



Scotch-Brite™ Precision Surface
Conditioning Disc, Coarse

Click to buy yours today ►

Buy now

Buy now

Get the Winning Combination

Cutting and Deburring

Creating and removing small and medium burrs with this cutting and edge deburring combination — built for durability, speed and a repeatable finish.



3M™ Cubitron™ II Cut-Off Wheel



Scotch-Brite™ Deburr and Finish PRO Unitized Wheel

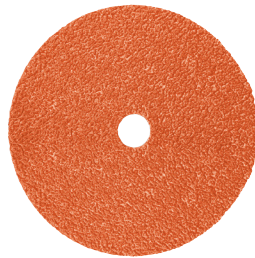
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Grinding and Refining #4 Finish

When a brushed #4 finish is required, help get there with fast process speed and finish consistency on small TIG welds with this disc and belt combination.



3M™ Cubitron™ II Fibre Disc 987C Center Hole, 60+



3M™ Cubitron™ II Cloth Belt 947A, 120+



Scotch-Brite™ SC Surface Conditioning Belt, A-MED

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Grinding and Refining #8 Finish

When a mirror #8 finish is required, before you move on to the final polishing steps, our 3M™ Cubitron™ II and Trizact™ technology delivers high stock removal and a consistent finish through the life of the abrasive.



3M™ Cubitron™ II Cloth Belt 726A, 80+, 120+



3M™ Cubitron™ II Cloth Belt 784F, 80+, 120+



3M™ Trizact™ Cloth Belt 237AA, A100, A45, A30, A16

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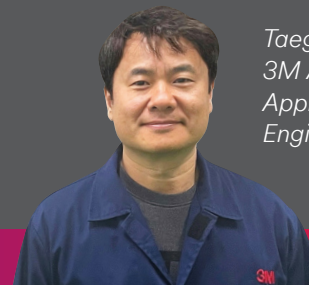
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Experience the benefits of cutting-edge technology and industry expertise with our winning combinations.

Unlock the full potential of your industrial processes with our abrasive winning combinations. By combining our premium abrasives, you could achieve more with less time and effort, helping you increase productivity and efficiency.

“We strive to select the right products and provide total solutions that can deliver the best performance for our customers.”



Taegeun Eom,
3M Abrasives
Application
Engineer, Korea

3M technologies paired for industrial work.

3M Precision-Shaped Grain (PSG)

Innovative slicing action helps deliver cooler, faster cut at any grinding pressure. The PSG will fracture when blunt creating a new sharp cutting point for super-long abrasive life. Sharp cutting helps get the job done faster, reducing exposure to hand-arm vibration. Swarf stays airborne for less time, minimizing airborne particles exposure of the operator.

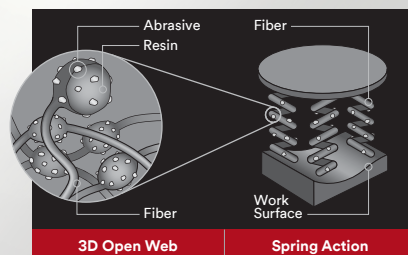


Learn more today at
3M.com/Metalworking



Scotch-Brite™ Nonwoven Technology

Spring-like action helps product conform to the substrate, creating uniform and predictable outcomes. New abrasive material is exposed as you work so you can keep producing consistent finishes. Nonwoven abrasives resist loading due to their open web construction. This reduces the risk of part discoloration and warping, improves finish and prolongs product life.



Learn more today at
3M.com/ScotchBriteAbrasives

Winning Combination Benefits

Productivity
Delivered

Automation
Ready

Safety
Built In

Consistent
Quality



3M Abrasive Systems
3M Center, Building 223-6N-02
St. Paul, MN 55144 USA

Phone 1-866-279-1235
Web 3M.com/abrasives

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