



**3M** Science.  
Applied to Life.™

Grind  
& Finish

Application Guide

# Winning combinations for mild steel.

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



Get the Winning  
Combination

## Mild Steel

### Grinding and Cleaning

Don't let rust, paint and mill-scale hold you back with this cleaning and grinding combination that works fast while delivering low vibration and noise.



3M™ Cubitron™ II Fibre Disc  
982CX Pro Center Hole, 36+



Scotch-Brite™ Clean and  
Strip XT Pro Disc

Click to buy yours today ►

Buy now

Buy now

### Heavy Grinding and Paint Preparing

Reduce steps and help mitigate hazards while grinding welds and preparing for paint with 3M™ Cubitron™ II and Scotch-Brite™ Precision Surface Conditioning Discs.



3M™ Cubitron™ II Fibre Disc  
982CX Pro Center Hole, 36+



Scotch-Brite™ Precision Surface  
Conditioning Disc, Extra Coarse

Click to buy yours today ►

Buy now

Buy now

## Get the Winning Combination

### Heavy Grinding and Refining

Power through fillet and flat weld preparation, removal and refinement with this high performance traditional grinding and flap wheel product pairing.



**3M™ Cubitron™ II Depressed Center Grinding Wheel**

**3M™ Flap Disc 769F, 60+**

[Click to buy yours today ►](#)

[Buy now](#)

[Buy now](#)

### 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**

[Click to buy yours today ►](#)

[Buy now](#)

[Buy now](#)

### De-gating and Blending

De-gating cast parts gets a lot easier and quicker with this sequence of coated and nonwoven abrasives — helping get to your required finish every time.



**3M™ Cubitron™ II Cloth Belt 984FX Pro, 36+**

**3M™ Cloth Belt 767F, 80+**

**Scotch-Brite™ Durable Flex Surface Conditioning Belt, A-MED**

[Click to buy yours today ►](#)

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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.

“When our customers see sparks, we see an opportunity to develop technology. Our abrasives team works every day to bring our customers solutions that combine exceptional performance, safety, and sustainability.”



Alma Ramos,  
3M Abrasives  
Application  
Engineer, Mexico

## 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.

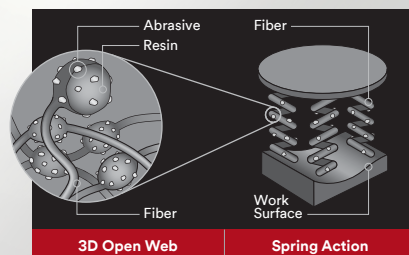


Learn more today at  
[3M.com/Metalworking](http://3M.com/Metalworking)



### 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](http://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](http://3M.com/abrasives)

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