



**3M**

**CUBITRON™ II**

**Scotch-Brite™**

SD  
CAM CENTER  
3M

# 3M™ Abrasives for Right Angle Tools

## Field Guide

INTRODUCING

Scotch-Brite™ Precision  
Surface Conditioning Disc



With Precision Shaped  
Grains

Meet the

# PREMIUM SERIES

of right angle abrasives for unparalleled power and performance!



Featuring 3M™ Cubitron™ II Abrasives for an unbeatable combination of speed and long life, and Scotch-Brite™ Abrasives for ease of use and consistent quality finishes.

Introducing the

# ADVANCED SERIES

of right angle abrasives designed for value-priced performance!



The next-best thing to our Premium Series of 3M™ Cubitron™ II Abrasives, our new Advanced Series harnesses the power of 3M Precision-Shaped Grain and helps minimize your abrasive spend.

# GENERAL GUIDELINES

## Which portfolio is best for your customer?

Choose 3M™ Cubitron™ II Abrasives for their legendary speed and long life, or Advanced Series discs and wheels for value-priced performance. Scotch-Brite™ Abrasives deliver consistent, reproducible results, making it easy to ensure quality finishes.

What's most important?	Choose this family of 3M Abrasives
Speed and long life – to improve productivity and lower <u>overall</u> production costs	<b>Premium Series – 3M™ Cubitron™ II Abrasives</b>
Consistency and ease of use – to improve surfaces without significantly changing the workpiece	<b>Premium Series – Scotch-Brite™ Abrasives</b>
Value-priced performance – to minimize abrasive spend while getting the job done efficiently	<b>Advanced Series – 3M™ Abrasives</b>

## Which right angle product is best for your customer?

These general guidelines are a good starting point. Refer to the rest of the field guide for recommended products in specific applications.

What's most important?	Choose this type of abrasive product
Speed	<b>Fibre Discs</b>
Life	<b>Depressed Center Grinding Wheels</b>
Ease of Use	<b>Flap Discs</b>
Finish & Conformability	<b>Scotch-Brite™ Discs</b>

# Key Application: Beveling

## Depressed Center Grinding Wheels

For heavy grinding and aggressive applications when abrasive life is critical.

## Fibre Discs

The fastest way to achieve a bevel. For maximum performance, try new 982CX Pro – our fastest-cutting, longest-lasting fibre disc yet!

## Flap Discs

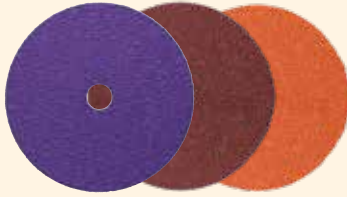
Not as fast as fibre discs, but more user-friendly. Delivers a finer finish, with less chance of gouging.

## PREMIUM SERIES

TOP PERFORMANCE



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



**3M™ Cubitron™ II**  
Fibre Discs 982CX Pro or 982C  
for carbon steel, or 987C  
for stainless steel



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

## ADVANCED SERIES

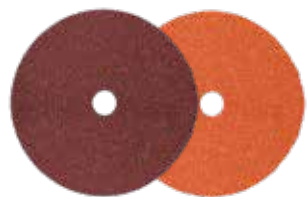
VALUE-PRICED PERFORMANCE



**3M™ Silver**  
Depressed Center  
Grinding Wheels



**3M™ Flap Discs 769F**



**3M™ Fibre Discs**  
782C for carbon steel or  
787C for stainless steel

Key Application:

# Heavy Deburring, Slag Removal

## Depressed Center Grinding Wheels

For heavy-duty jobs and large burrs that will shred most coated abrasive products.

## Fibre Discs

Fast cutting on smoother surfaces. Choose 982CX Pro for even longer life and higher performance.

## Flap Discs

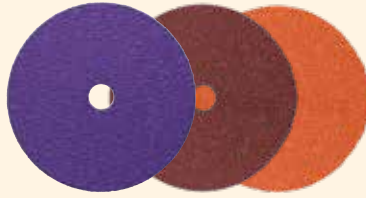
When removing an occasional large burr, flap discs will handle the job, without the necessity of changing discs.

## PREMIUM SERIES

TOP PERFORMANCE



**3M™ Cubitron™ II**  
Flap Discs 967A/969F



**3M™ Cubitron™ II**  
Fibre Discs 982CX Pro,  
982C or 987C



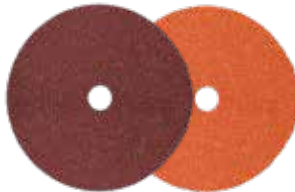
**3M™ Cubitron™ II**  
Flap Discs 967A/969F

## ADVANCED SERIES

VALUE-PRICED PERFORMANCE



**3M™ Silver**  
Depressed Center  
Grinding Wheels



**3M™ Fibre Discs**  
782C/787C



**3M™ Flap Discs 769F**

Key Application:

# Back Gouging



## Cut & Grind Wheels

Fast, smooth cutting, with less chatter on back gouging and root pass grinding. Very long life.

## PREMIUM SERIES

TOP PERFORMANCE



3M™ Cubitron™ II Cut & Grind Wheels

## ADVANCED SERIES

VALUE-PRICED PERFORMANCE



3M™ Cut & Grind Wheels

# Key Application: Weld Grinding

## Depressed Center Grinding Wheels

For heavy-duty weld grinding and other heavy grinding operations. Very long lasting.

## Fibre Discs

When speed is key. For longer life, choose 982CX Pro – our fastest-cutting fibre disc ever.

## Flap Discs

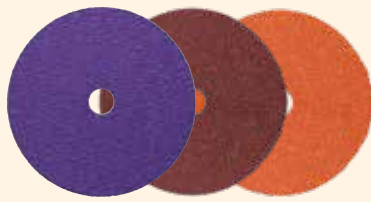
Not as fast as fibre discs, but more user-friendly. Delivers a finer finish, with less chance of gouging.

## PREMIUM SERIES

TOP PERFORMANCE



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



**3M™ Cubitron™ II  
Fibre Discs 982CX Pro,  
982C or 987C**



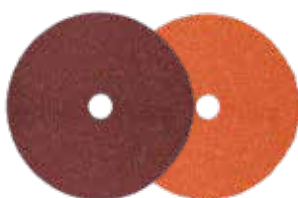
**3M™ Cubitron™ II  
Flap Discs 967A/969F**

## ADVANCED SERIES

VALUE-PRICED PERFORMANCE



**3M™ Silver  
Depressed Center  
Grinding Wheels**



**3M™ Fibre Discs  
782C/787C**



**3M™ Flap Discs 769F**

Key Application:

# Weld/Surface Prep



## Clean & Strip Discs

Remove epoxy, protective paint, mill scale, oils, rust, oxide coatings and primers/paints to clean and prepare the surface for welding.

## Flap Discs

For more aggressive rust, paint and scale removal, or when material removal/dimensioning is necessary.

## Light Grinding & Blending Discs

For light-duty scale removal and surface prep where a finer finish is desired.

## Precision Surface Conditioning Discs

Remove excess material and transition to surface geometry of surrounding area.

## PREMIUM SERIES

TOP PERFORMANCE



Scotch-Brite™ Clean & Strip XT Pro Extra Cut Discs



3M™ Cubitron™ II Flap Discs 967A/969F



Scotch-Brite™ Light Grinding & Blending Discs

  
With Precision Shaped Grains



Scotch-Brite™ Precision Surface Conditioning Discs

## ADVANCED SERIES

VALUE-PRICED PERFORMANCE



3M™ Flap Discs 769F



Key Application:

# Blending/Refining



## Fibre Discs

Faster cutting, but may be trickier for inexperienced operators to control. Use grades 80+ and 120+ for blending.

## Flap Discs

Produce a fine finish, for blending and refining. User friendly. For an even finer finish, try Scotch-Brite™ Light Grinding & Blending Discs.

## Light Grinding & Blending Discs

Ideal for refining grind marks and removing imperfections. Leaves a smooth, paintable finish.

## Precision Surface Conditioning Discs

Removing imperfections and merge the repaired section with the surrounding surface.

## PREMIUM SERIES

TOP PERFORMANCE



**3M™ Cubitron™ II**  
Fibre Discs  
982C/987C



**3M™ Cubitron™ II**  
Flap Discs  
967A/969F



**Scotch-Brite™ Light**  
Grinding & Blending  
Discs

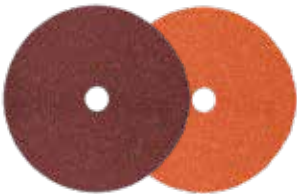
  
With Precision Shaped  
Grains



**Scotch-Brite™**  
Precision Surface  
Conditioning Discs

## ADVANCED SERIES

VALUE-PRICED PERFORMANCE



**3M™ Fibre Discs**  
782C/787C



**3M™ Flap Discs 769F**

# Key Application: Finishing



## Light Grinding & Blending Discs

Ideal for refining grind marks and removing imperfections. Leaves a smooth, paintable finish.

## Flap Discs

For finish/scratch refinement, deburring and paint prep applications that require a more aggressive cut.

## Clean & Strip Discs

For cleaning and polishing stainless steel welds, removing weld burn discoloration, and cleaning/prepping mild steel prior to paint.

## Precision Surface Conditioning Discs

Provide a final surface that has functional requirements or a visually appealing surface. Surface roughness reduction, removal of micro burrs, cosmetic.

## PREMIUM SERIES

TOP PERFORMANCE



**3M™ Cubitron™ II  
Flap Discs 967A/969F**



**Scotch-Brite™ Light  
Grinding & Blending  
Discs**

  
With Precision Shaped  
Grains



**Scotch-Brite™  
Precision Surface  
Conditioning Discs**



**Scotch-Brite™ Clean  
& Strip XT Pro Discs**

## ADVANCED SERIES

VALUE-PRICED PERFORMANCE



**3M™ Flap Discs 769F**

# Key Application: Cutting

## Cut-Off Wheels

Fast, smooth cutting with exceptional life. Slices through all metals, including stainless, mild steel and aerospace alloys.

## Cut & Grind Wheels

For especially heavy cutting. Designed to be used as both a DCGW and a cut-off wheel for outstanding versatility.

## PREMIUM SERIES

TOP PERFORMANCE



3M™ Cubitron™ II  
Cut-Off Wheels



3M™ Cubitron™ II Cut  
& Grind Wheels

## ADVANCED SERIES

VALUE-PRICED PERFORMANCE



3M™ Silver Cut-Off Wheels



3M™ Cut & Grind Wheels

**Call to speak with a 3M abrasives expert: 1-866-279-1235**

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