

A close-up photograph of a male worker wearing a blue hard hat, a clear face shield, a blue long-sleeved shirt, a brown leather apron, and brown leather work gloves. He is using a black right-angle grinding tool, which is producing a large spray of bright orange sparks. A name tag on his apron reads "SD CAM CENT 3M".

3M

CUBITRON™ II

Scotch-Brite™

NEW

3M™ Abrasives for Right Angle Tools Field Guide

**Meet the newest
players in 3M's
right angle
abrasives lineup**





3M™ Cubitron™ II Flap Disc 969F

Grind and blend in one step. A “user-friendly” flap disc for heavy duty applications.

Key Product Highlights

- Ideal for applications where fast cutting and final finish are important
 - Features tough polyester backing, to hold up under demanding applications like grinding, edge deburring and beveling
 - Flap construction contains more abrasive material, for longer life
- * For medium duty applications, try 3M™ Cubitron™ II Flap Disc 967A



IMPROVED

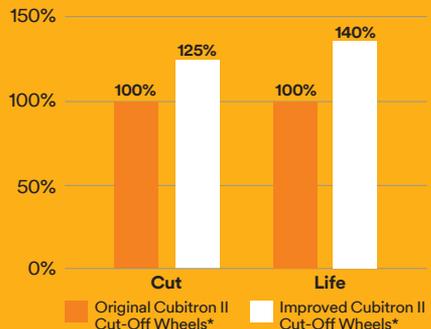
3M™ Cubitron™ II Cut-Off Wheel

Fast cutting on most metals. Now improved to outlast and out-perform our original Cubitron II Cut-Off Wheel!

Key Product Highlights

- Fast cutting on ferrous metals, stainless steels, alloy steels and cast iron
- Long-lasting
- Cool cutting

We've made the best – even better!



*Testing done on a 5" x .045" wheel



NEW

3M™ Fibre Discs 782C/787C

An unbeatable combination of performance and value

Use 782C for carbon steel and 787C for stainless steel and non-ferrous metals

Key Product Highlights

- Made with 3M Precision-Shaped Grain, for outstanding speed and long life
- Great for grinding, weld removal, beveling and edge chamfering
- Cuts cooler, faster and longer than alumina zirconia (AZ) and conventional ceramic abrasives



3M™ Cubitron™ II Depressed Center Grinding Wheels Type Q

Tough and long-lasting

Key Product Highlights

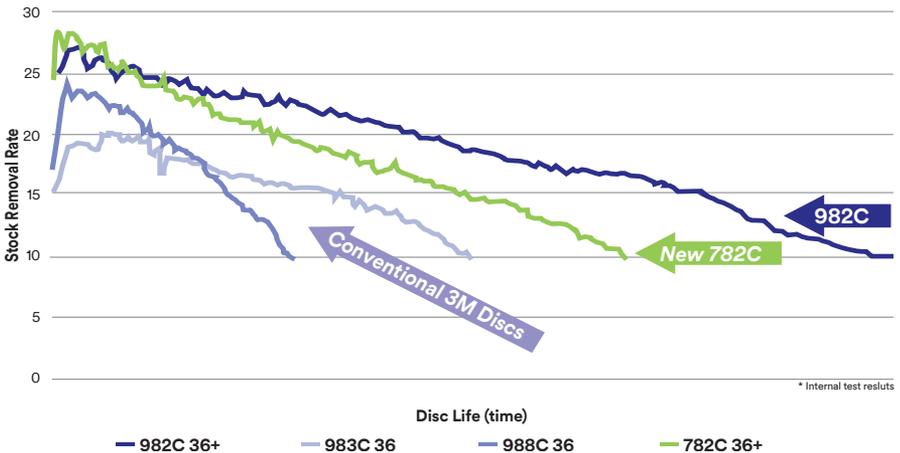
- Ideal for heavy grinding, weld removal and burr removal on steel and stainless steel
- Long life
- Fast cutting
- Smooth-running feel

Which right angle product is best for your customer?

What's important	Choose this product
Speed	3M™ Cubitron™ II or 3M™ Fibre Discs 
Life	3M™ Cubitron™ II Depressed Center Grinding Wheels 
Ease-of-use	3M™ Cubitron™ II Flap Discs 

Choosing the best fibre disc for the job

What's the difference between 3M™ Cubitron™ II Fibre Discs and 3M™ Fibre Discs with Precision-Shaped Grain?



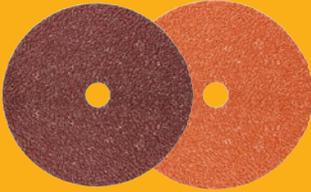
3M Cubitron II fibre discs provide a fast cut and very long life, making them an ideal choice for heavy volume production applications.

If your customer still wants a very fast cut but is price sensitive, or doesn't need the extreme long life of a Cubitron II disc, 3M Fibre Discs 782C or 787C are ideal alternatives that outlast conventional ceramic fibre discs.*

Key Application: Weld Grinding



Lead with fibre discs



3M™ Fibre Discs 782C/787C or 3M™ Cubitron™ II Fibre Discs

When speed is key. For longer life and/or higher pressure applications, try Cubitron II discs.



3M™ Cubitron™ II Flap Discs

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



3M™ Cubitron™ II Depressed Center Grinding Wheels

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

Key Application: Blending



Lead with flap discs



3M™ Cubitron™ II Flap Discs

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



3M™ Fibre Discs 782C/787C or 3M™ Cubitron™ II Fibre Discs

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

Key Application: Finishing/Surface Prep

Lead with Scotch-Brite™ Light Grinding & Blending Discs



Scotch-Brite™ Light Grinding & Blending Discs

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



3M™ Cubitron™ II Flap Discs

For fine finish and paint prep applications that require a more aggressive cut.

Key Application: Surface Prep, Scale Removal, Weld Spatter Removal

Lead with flap discs



3M™ Cubitron™ II Flap Discs

Use 969F for heavy duty applications; 967A for medium duty.



Scotch-Brite™ Light Grinding & Blending Discs

For light duty scale/weld spatter removal and surface prep, where a finer finish is desired.

Key Application: Beveling



Lead with DCGWs



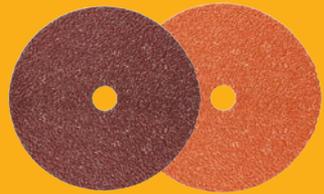
3M™ Cubitron™ II Depressed Center Grinding Wheels

When abrasive life is critical.



3M™ Cubitron™ II Flap Discs

Fast, versatile and
easy to control.



3M™ Fibre Discs 782C/787C or 3M™ Cubitron™ II Fibre Discs

The fastest way to achieve a bevel.

Tip: For even longer life, teach operators to grind with less pressure when using Cubitron II products.

Key Applications: Heavy Deburring, Slag Removal



Lead with DCGWs



3M™ Cubitron™ II Depressed Center Grinding Wheels

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



3M™ Cubitron™ II Flap Discs

If the customer is only
removing an occasional
large burr, flap discs
will handle the job,
without the necessity of
changing discs.



3M™ Fibre Discs 782C/787C or 3M™ Cubitron™ II Fibre Discs

Fastest cutting on smoother
surfaces.

Key Applications: Cutting



Lead with Cut-Off wheels



3M™ Cubitron™ II Cut-Off Wheels

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



3M™ Cubitron™ II Cut & Grind Wheels

For especially heavy cutting.

Key Applications: Back Gouging



Lead with a Cubitron II Cut & Grind wheel



3M™ Cubitron™ II Cut & Grind Wheel

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

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