

3M Science.
Applied to Life.™

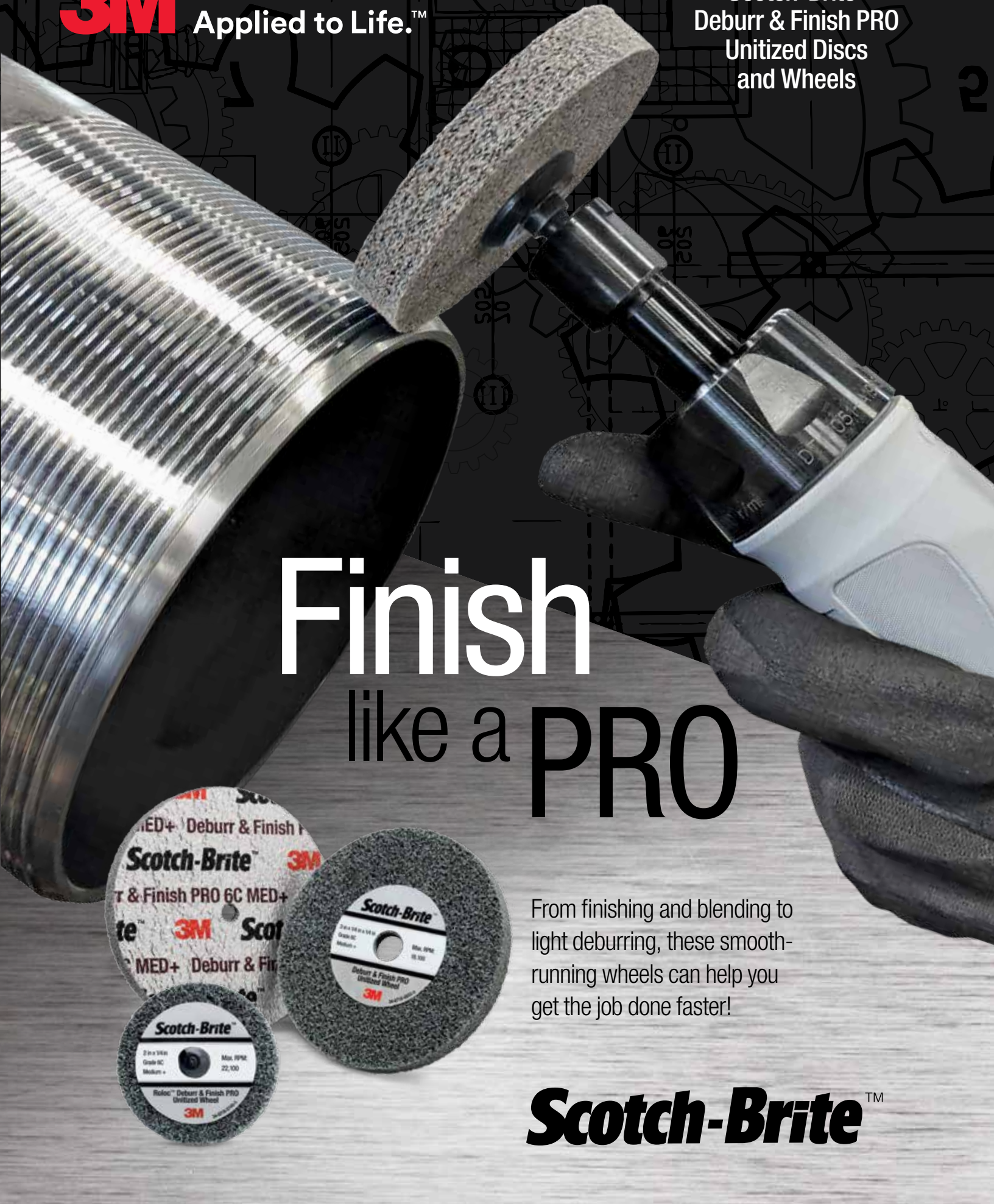
NEW!

Scotch-Brite™
Deburr & Finish PRO
Unitized Discs
and Wheels

Finish like a PRO

From finishing and blending to light deburring, these smooth-running wheels can help you get the job done faster!

Scotch-Brite™



Versatile performance from factory to field

Scotch-Brite™ Deburr & Finish PRO Unitized Wheels are ideal for both OEM use and for maintenance operations. They are soft, to reduce defects, yet wear like iron, for fewer wheel changeouts. These hard-working, high-performance products quickly blast through dirt, corrosion and other contaminants without loading and without changing part geometry – helping you get the job done faster.

Faster, more consistent performance compared to the leading competitive wheel!

- 30 to 50% faster burr removal
- Up to 3× longer wheel life in deburring applications
- Minimal dust and debris – less dust equals less cleanup
- Improved operator “feel”
- Minimizes overcutting – results in fewer rejects

Ready for Anything



The Science of 3M Precision-Shaped Grain

Traditional non-woven abrasive products are constructed from particles of irregular-shaped abrasive materials, such as aluminum oxide, bound to a nylon web.

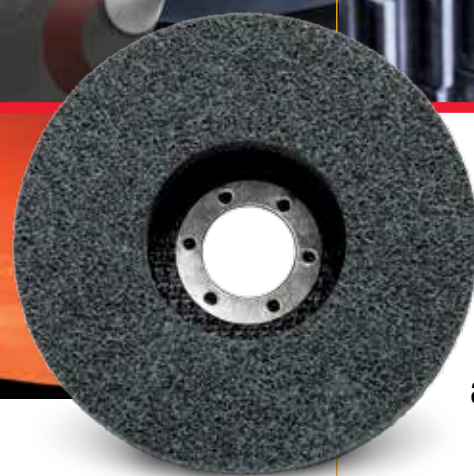
In our new Scotch-Brite™ Deburr & Finish PRO Unitized Wheels, conventional abrasive particles have been replaced with our proprietary ceramic precision-shaped grain. The hardness of the ceramic material, combined with the self-sharpening grain, provides longer life and helps you get the job done faster – without sacrificing the smooth feel and control you expect from Scotch-Brite abrasives.





Applications

- Automotive** ▶ Machined gears, other components
Mild steel, hardened steel
- Aerospace** ▶ Rotors, shrouds, buckets, ducting
Titanium, aluminum alloys
- Metal Fabrication** ▶ Various machined parts
Mild steel, stainless steel
- Oil & Gas** ▶ Threaded pipes and other tubular goods



Try Scotch-Brite Debur & Finish PRO – and see the performance advantages for yourself!

Comparing cost-of-ownership

These are typical real-world results that customers have obtained using Scotch-Brite Debur & Finish PRO wheels compared to traditional deburring wheels.

Contact your local 3M representative to see how new Scotch-Brite Debur & Finish PRO wheels can help you improve productivity!

| | Traditional Deburring Wheel | NEW Scotch-Brite Debur & Finish PRO |
|------------------------------|-----------------------------|-------------------------------------|
| Parts Per Wheel | | |
| Labor per piece | 00:50 seconds | 00:38 seconds |
| Reject Rate | | |
| Operator Feel | | |
| Customer Productivity | \$\$ | \$\$\$\$\$\$ |

Do you use flap brushes, cartridge rolls or other specialty abrasives in your process? You may be able to improve performance and productivity by switching to Scotch-Brite Debur & Finish PRO wheels!

Potential advantages:

- ▶ Longer life
- ▶ Faster burr removal
- ▶ Smoother feel
- ▶ Less dusting & debris
- ▶ Better finish

Scotch-Brite™ Roloc™ TR Deburr & Finish PRO Unitized Wheel

| UPC | Size (inches) (diameter × thickness × center hole) | Max RPM | Density | Grade | Qty/Case |
|----------------|---|---------|---------|-------|----------|
| 076308-77115-7 | 2 × ¼ × NH | 22,100 | 4C | MED+ | 60 |
| 048011-65081-4 | 2 × ⅛ × NH | 22,100 | 6C | MED+ | 120 |
| 048011-65082-1 | 2 × ¼ × NH | 22,100 | 6C | MED+ | 60 |
| 076308-77116-4 | 3 × ¼ × NH | 15,100 | 4C | MED+ | 40 |
| 048011-65084-5 | 3 × ⅛ × NH | 15,100 | 6C | MED+ | 40 |
| 048011-65083-8 | 3 × ¼ × NH | 15,100 | 6C | MED+ | 40 |

Scotch-Brite™ Deburr & Finish PRO Unitized Disc

| UPC | Size (inches) (diameter × center hole) | Max RPM | Density | Grade | Qty/Case |
|----------------|---|---------|---------|-------|----------|
| 076308-77122-5 | 4 ½ × 7/8 | 12,100 | 6C | MED+ | 5 |

Scotch-Brite™ Deburr & Finish PRO Unitized Wheel

| UPC | Size (inches) (diameter × thickness × center hole) | Max RPM | Density | Grade | Qty/Case |
|----------------|---|---------|---------|-------|----------|
| 048011-65017-3 | 1 × 1 × 3/16 | 35,100 | 6C | MED+ | 50 |
| 048011-65057-9 | 2 × ⅛ × ¼ | 22,100 | 6C | MED+ | 60 |
| 048011-65018-0 | 2 × ¼ × ¼ | 22,100 | 6C | MED+ | 60 |
| 048011-65019-7 | 2 × ½ × ¼ | 22,100 | 6C | MED+ | 30 |
| 048011-65020-3 | 2 × ¾ × ¼ | 22,100 | 6C | MED+ | 20 |
| 048011-65058-6 | 2 × 1 × ¼ | 22,100 | 6C | MED+ | 10 |
| 048011-65021-0 | 3 × ⅛ × ¼ | 18,100 | 6C | MED+ | 40 |
| 076308-77111-9 | 3 × ¼ × ¼ | 18,100 | 4C | MED+ | 40 |
| 048011-65004-3 | 3 × ¼ × ¼ | 18,100 | 6C | MED+ | 40 |
| 076308-77110-2 | 3 × ½ × ¼ | 18,100 | 4C | MED+ | 20 |
| 048011-65007-4 | 3 × ½ × ¼ | 18,100 | 6C | MED+ | 20 |
| 048011-65022-7 | 3 × ¾ × ¼ | 15,100 | 6C | MED+ | 20 |
| 048011-65005-0 | 3 × 1 × ¼ | 15,100 | 6C | MED+ | 10 |
| 076308-77103-4 | 4 × 1 × ¼ | 12,100 | 6C | MED+ | 5 |

Typical use: on backstand or bench motor

| | | | | | |
|----------------|-----------|-------|----|------|----|
| 048011-65078-4 | 5 × ¼ × ¼ | 9,000 | 6C | MED+ | 10 |
| 048011-65079-1 | 5 × ½ × ¼ | 9,000 | 6C | MED+ | 5 |
| 076308-77109-6 | 6 × ⅛ × 1 | 7,500 | 6C | MED+ | 16 |
| 076308-77108-9 | 6 × ¼ × 1 | 7,500 | 6C | MED+ | 8 |
| 048011-65074-6 | 6 × ½ × ½ | 7,500 | 6C | MED+ | 4 |
| 048011-65076-0 | 6 × ½ × 1 | 7,500 | 6C | MED+ | 4 |
| 048011-65097-5 | 6 × 1 × ½ | 7,500 | 6C | MED+ | 2 |
| 048011-65075-3 | 6 × 1 × 1 | 7,500 | 6C | MED+ | 2 |

Made-to-order sizes

| | | | |
|----------------|--|----|------|
| 076308-77119-5 | Available in sizes up to 14" diameter. | 4C | MED+ |
| 076308-77101-0 | | 6C | MED+ |

3M™ Tools and Accessories for use with Roloc™ Wheels

| UPC | Product Description | Max RPM | Qty/Case |
|----------------|-----------------------------|---------|----------|
| 051141-28329-6 | 3M™ Disc Sander, ½ HP, 2–3" | 12,000 | 1 |
| 051141-20231-0 | 3M™ Disc Sander, ½ HP, 2" | 20,000 | 1 |
| 048011-15408-4 | 3M™ Roloc™+ Holder | 25,000 | 5 |

3M™ Tools for use with 4 ½" Unitized Discs

| UPC | Product Description | Max RPM | Qty/Case |
|----------------|------------------------------|---------|----------|
| 051141-28824-6 | 3M™ Grinder T27, 1½ HP, 4 ½" | 12,000 | 1 |

3M™ Tools and Accessories for use with Wheels with Center Hole

| UPC | Product Description | Max RPM | Qty/Case |
|----------------|---|---------|----------|
| 051141-28330-2 | 3M™ Die Grinder; ½ HP | 18,000 | 1 |
| 051141-28331-9 | 3M™ Extended Shaft Die Grinder; ½ HP | 18,000 | 1 |
| 048011-04018-9 | 936 unitized mandrel for 1 × 1 × 3/16" wheels | 22,200 | 5 |

► Available in 2 densities:

- 4C for finishing and blending
- 6C for deburring



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