



SCOTCH-BRITE™
DEBURR & FINISH PRO
UNITIZED DISCS
AND WHEELS

FINISH.

NOT EVERYONE LEAVES THEIR SIGNATURE WITH A PEN.

Make your mark with the wheels that
generations of craftsmen have chosen
before you — Scotch-Brite™.



✓ UNCOMPROMISING
QUALITY

✓ LASTS LONG,
FINISHES STRONG

✓ REPEATABLE
RESULTS



CORNERS AREN'T MEANT TO BE CUT. JUST DEBURRED, SANDED AND POLISHED.

Scotch-Brite™ Deburr & Finish PRO Unitized Wheels are ideal for both OEM use and for manufacturing and maintenance. They are soft, to reduce defects, yet wear like iron, for fewer wheel changeouts. These hard-working, high-performance products quickly polish, finish, blend and deburr with minimal loading or change to part geometry — helping you get the job done faster.

FASTER, MORE CONSISTENT PERFORMANCE COMPARED TO THE LEADING COMPETITIVE WHEEL!

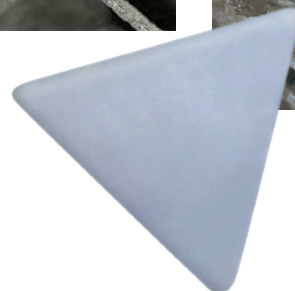
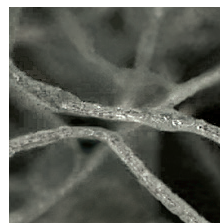
- 30 to 50% faster burr removal
- Up to 3x longer wheel life in deburring applications
- Minimal dust and debris — less dust equals less cleanup
- Improved operator “feel”
- Minimizes overcutting — results in fewer rejects

DONE RIGHT. DONE ONCE.

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. Ideal for the substrates copper, inconel, titanium, stainless steel, mild steel and aluminum.



*This technology is included in our 4C, 6C and 8C products.



OIL & GAS

▶ Threaded pipes and other tubular goods

AEROSPACE

▶ Rotors, shrouds, buckets, ducting titanium, turbine blades

METAL FABRICATION

▶ Various machined parts mild steel, stainless steel and TIG weld blending

AUTOMOTIVE

▶ Machined gears, other components mild steel, hardened steel

APPLICATIONS



**TRY SCOTCH-BRITE™
DEBURR & 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™ Deburr & Finish PRO wheels compared to traditional deburring wheels.

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

	Traditional Deburring Wheel	NEW Scotch-Brite™ Deburr & 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™ Deburr & Finish PRO wheels!

Potential advantages:

- ▶ Longer life
- ▶ Faster burr removal
- ▶ Smoother feel
- ▶ Less dusting & debris
- ▶ Finer finish
- ▶ Maintains shape

ORDERING INFORMATION

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

UPC	Size (inches) (diameter × thickness × center hole)	Max RPM	Density	Grade	Qty/ Case
076308-77231-4	2 × 1/4 × NH	22,100	2S	FIN	60
076308-77233-8	3 × 1/4 × NH	15,100	2S	FIN	40
076308-77115-7	2 × 1/4 × NH	22,100	4C	MED+	60
048011-65081-4	2 × 1/8 × NH	22,100	6C	MED+	120
048011-65082-1	2 × 1/4 × NH	22,100	6C	MED+	60
076308-77116-4	3 × 1/4 × NH	15,100	4C	MED+	40
048011-65084-5	3 × 1/8 × NH	15,100	6C	MED+	40
048011-65083-8	3 × 1/4 × NH	15,100	6C	MED+	40
076308-77198-0	2 × 1/4 × NH	22,100	8C	CRS+	60
076308-77197-3	3 × 1/8 × NH	15,100	8C	CRS+	40
076308-77199-7	3 × 1/4 × NH	15,100	8C	CRS+	40

Scotch-Brite™ Deburr & Finish PRO Unitized Disc

UPC	Size (inches) (diameter × center hole)	Max RPM	Density	Grade	Qty/ Case
076308-77235-2	4-1/2 × 7/8	11,000	2S	FIN	5
076308-77122-5	4-1/2 × 7/8	12,100	6C	MED+	5
076308-77200-0	4-1/2 × 7/8	12,100	8C	CRS+	5

Scotch-Brite™ Deburr & Finish PRO Unitized Wheel

UPC	Size (inches) (diameter × thickness × center hole)	Max RPM	Density	Grade	Qty/ Case
638060-05164-1	1 × 1 × 3/16	30,100	2S	FIN	50
638060-05165-8	2 × 1/4 × 1/4	16,100	2S	FIN	60
638060-05166-5	2 × 1/2 × 1/4	16,100	2S	FIN	30
638060-05167-2	2 × 3/4 × 1/4	16,100	2S	FIN	20
638060-05161-0	3 × 1/4 × 1/4	12,100	2S	FIN	40
638060-05163-4	3 × 1/2 × 1/4	10,000	2S	FIN	20
638060-05171-9	3 × 1/2 × 3/8	10,000	2S	FIN	20
638060-05168-9	3 × 3/4 × 1/4	10,000	2S	FIN	20
638060-05162-7	3 × 1 × 1/4	10,000	2S	FIN	10
638060-05170-2	6 × 1/2 × 1	5,000	2S	FIN	4
638060-05169-6	6 × 1 × 1	5,000	2S	FIN	2
048011-65017-3	1 × 1 × 3/16	35,100	6C	MED+	50
048011-65057-9	2 × 1/8 × 1/4	22,100	6C	MED+	60
048011-65018-0	2 × 1/4 × 1/4	22,100	6C	MED+	60
048011-65019-7	2 × 1/2 × 1/4	22,100	6C	MED+	30
048011-65020-3	2 × 3/4 × 1/4	22,100	6C	MED+	20
048011-65058-6	2 × 1 × 1/4	22,100	6C	MED+	10
048011-65021-0	3 × 1/8 × 1/4	18,100	6C	MED+	40
076308-77111-9	3 × 1/4 × 1/4	18,100	4C	MED+	40
048011-65004-3	3 × 1/4 × 1/4	18,100	6C	MED+	40
076308-77110-2	3 × 1/2 × 1/4	18,100	4C	MED+	20
048011-65007-4	3 × 1/2 × 1/4	18,100	6C	MED+	20
048011-65022-7	3 × 3/4 × 1/4	15,100	6C	MED+	20
048011-65005-0	3 × 1 × 1/4	15,100	6C	MED+	10
076308-77103-4	4 × 1 × 1/4	12,100	6C	MED+	5
076308-90123-3	1 × 1 × 3/16	35,100	8C	CRS+	50
076308-90129-5	2 × 1/8 × 1/4	22,100	8C	CRS+	60
076308-90124-0	2 × 1/4 × 1/4	22,100	8C	CRS+	60
076308-90125-7	2 × 1/2 × 1/4	22,100	8C	CRS+	30
076308-90126-4	2 × 3/4 × 1/4	22,100	8C	CRS+	20
076308-90127-1	3 × 1/8 × 1/4	18,100	8C	CRS+	40
076308-90120-2	3 × 1/4 × 1/4	18,100	8C	CRS+	40
076308-90122-6	3 × 1/2 × 1/4	18,100	8C	CRS+	20
076308-90132-5	3 × 1/2 × 3/8	18,100	8C	CRS+	20
076308-90128-8	3 × 3/4 × 1/4	15,100	8C	CRS+	20
076308-90131-8	6 × 1/2 × 1	7,500	8C	CRS+	4

Typical use: on backstand or bench motor

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

Made-to-order sizes

076308-77230-7			2S	FIN	
076308-77119-5			4C	MED+	
076308-77101-0	Available in sizes up to 14" diameter.		6C	MED+	
076308-77196-6			8C	CRS+	



Abrasive Systems Division
3M Center, Building 223-6S-03
St. Paul, MN 55144-1000 USA

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

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

UPC	Product Description	Max RPM	Qty/ Case
051141-28329-6	3M™ Disc Sander, 1/2 HP, 2-3"	12,000	1
051141-20231-0	3M™ Disc Sander, 1/2 HP, 2"	20,000	1
051141-2v0232-7	3M™ Disc Sander, 1 HP, 3"	15,000	1
048011-15408-4	3M™ Roloc™ + Holder	25,000	5

3M™ Tools for use with 4-1/2" Unitized Discs

UPC	Product Description	Max RPM	Qty/ Case
051141-28824-6	3M™ Grinder T27, 1-1/2 HP, 4-1/2"	12,000	1

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

UPC	Product Description	Wheel Thickness	Max RPM	Qty/ Case
051141-28330-2	3M™ Die Grinder; 1/2 HP		18,000	1
051141-28331-9	3M™ Extended Shaft Die Grinder; 1/2 HP		18,000	1
048011-04018-9	936 Unitized Mandrel for 1 × 1 × 3/16" wheels		22,200	5
051141-28847-5	28847 Unitized Wheel Mandrel 1-1/2" × 1/4" × 3/4"	1/8"	22,100	5
051141-28848-2	28848 Unitized Wheel Mandrel 1-5/8" × 1/4" × 3/4"	1/4"	22,100	5
051141-28849-9	28849 Unitized Wheel Mandrel 1-7/8" × 1/4" × 3/4"	1/2"	22,100	5
051141-28850-5	28850 Unitized Wheel Mandrel 2-1/8" × 1/4" × 3/4"	3/4"	18,100	5
051141-28851-2	28851 Unitized Wheel Mandrel 2-3/8" × 1/4" × 3/4"	1"	18,100	5

▶ AVAILABLE IN 4 DENSITIES:

- **2S FIN**
for polishing
and finishing
- **4C MED+**
for finishing
and blending
- **6C MED+**
for blending
and deburring
- **8C CRS+**
for heavy
deburring
or lite weld
removal



Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property. **Warranty, Limited Remedy, and Disclaimer:** Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price. **Limitation of Liability:** Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

3M, Scotch-Brite and Roloc are trademarks of 3M Company. Used under license by 3M subsidiaries and affiliates.
 Please recycle. Printed in USA. © 3M 2017. All rights reserved. 61-5002-8402-3