



Cubitron™ 3

Performance Abrasives

Produce more, with less.

3M™ Cubitron™ 3 Belts, re-engineered.


Get the edge you need to get more done
with the latest in abrasive technology.

New era

3M™ Cubitron™ 3 Cloth Belt 1184F, 36+ featuring re-engineered 3M Precision-Shaped Grain, taking the legendary speed and life of 3M™ Cubitron™ Performance Abrasives to a whole new level. **This new belt delivers faster cut rate and longer life compared to crushed ceramic competitors—** providing the ultimate in performance.

**Available in grits
36+, 60+, 80+**

3M™ Cubitron™ 3 Cloth Belt 1184F



36+ for High Stock Removal

Ideal for applications like gate grinding, surface grinding, weld removal and beveling.

60+, 80+ for Moderate Stock Removal

Ideal for low to medium applications like deburring and blending.

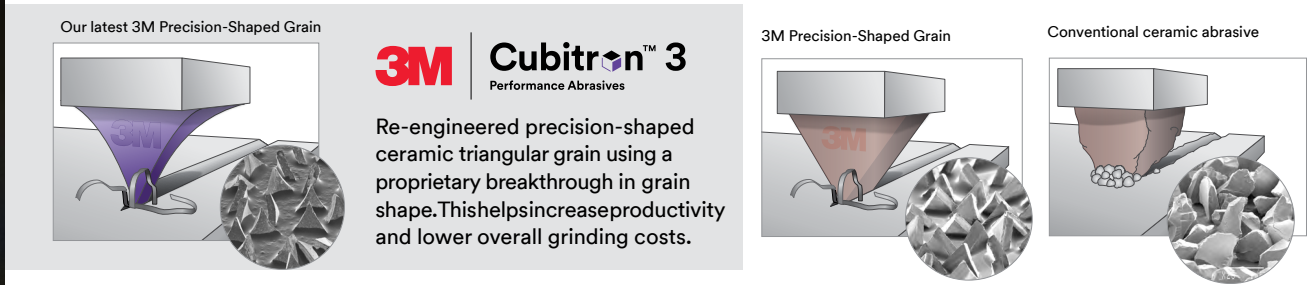
A new spin on saving time and labor costs.

Long-lasting belts engineered to cut fast with high stock removal. Benefits include:

- ▶ **Faster Cut**
Long lasting and faster cutting belts help increase productivity and your bottom line
- ▶ **Longer Life**
Fewer changeouts needed and less downtime
- ▶ **Cool Cutting**
Runs cooler with less pressure required, reducing metal discoloration and risk of stress cracks
- ▶ **Grinding Aid**
Extra coating to reduce heat when grinding on heat sensitive metals, like nickel and stainless steel
- ▶ **INOX and Contaminant Free**

3M reshaped and improved 3M Precision-Shaped Grain.

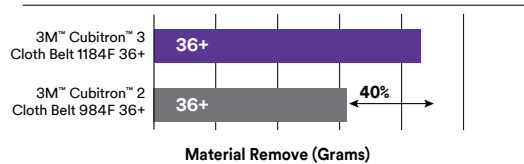
- ▶ Conventional ceramic abrasive grain tends to “plow” through metal, causing heat to build up in the workpiece and abrasive, resulting in a slower cut and shorter abrasive life
- ▶ 3M pioneered the first precision-shaped grain using 3M microreplication technology to form consistent sharp peaks that easily “slice” through metal—cutting cooler, faster, and lasting longer than conventional abrasive grain.



A new era of abrasive performance is here.

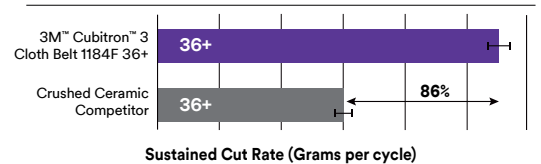
The first time you use the 3M™ Cubitron™ 3 Cloth Belt 1184F, with re-engineered 3M Precision-Shaped Grain, you'll instantly notice the difference. We've taken the legendary cutting speed and life of 3M™ Cubitron™ Performance Abrasives to a new level—outperforming our original 3M™ Cubitron™ 2 Cloth Belt 984F.

36+ Up to **40%**
more material removed compared to
3M™ Cubitron™ 2 Belt 984F



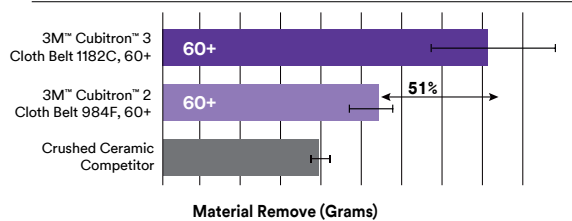
Results based on an automated, 10-minute grinding test on 304 stainless steel using 36" long belts. Total material removed: the total material removed in grams at 40 cycles. Error bars = 95% confidence interval.

Up to **86%**
faster sustained cut rate compared to a
crushed ceramic competitor



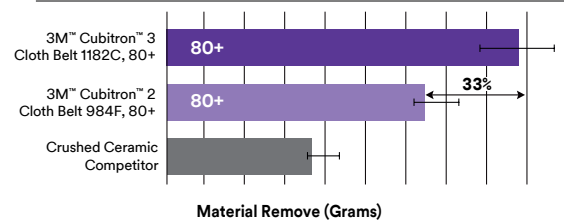
Results based on an automated, 10-minute grinding test on 304 stainless steel using 36" long belts. Error Bars = 95% confidence interval. Cut rate: the total material removed in grams after 10 cycles minus total material removed in grams after 3 cycles divided by seven cycles. The unit is grams/cycles.

60+ Up to **51%**
more material removed compared to
3M™ Cubitron™ 2 Belt 984F



Results based on an automated, 12-minute grinding test on 304 stainless steel using 36" long belts. Total material removed: The total material removed in grams at 45 cycles. Error bars = 95% confidence interval. Cut rate: The total material removed in grams after 10 cycles minus total material removed in grams after 3 cycles divided by seven cycles. The unit is grams/cycles.

80+ Up to **33%**
more material removed compared to
3M™ Cubitron™ 2 Belt 984F



Results based on an automated, 12-minute grinding test on 304 stainless steel using 36" long belts. Total material removed: The total material removed in grams at 45 cycles. Error bars = 95% confidence interval. Cut rate: The total material removed in grams after 10 cycles minus total material removed in grams after 3 cycles divided by seven cycles. The unit is grams/cycles.

Applications: All grades*

- ▶ Gate Grinding
- ▶ Material Stock Removal
- ▶ Weld Removal
- ▶ Surface Grinding or
- ▶ Robotic and Automated Grinding Systems
- ▶ Beveling
- ▶ Deburring
- ▶ Dimensioning

36+ only

- ▶ Rapid Grinding Systems
- ▶ Heavy Stock Removal
- ▶ Pipe Notching

Ideal Substrates:

- ▶ Stainless Steel
- ▶ Cobalt and Nickel Alloys
- ▶ Titanium
- ▶ Carbon Steel
- ▶ Cast Iron

*Note: the size and amount of material removed varies with the grit size.

Reaching new levels of cut performance.

***Belts are available in made-to-order sizes.**

Please contact 3M representatives for more information.



Get the belts that get more done at go.3M.com/NZ_1184fBelt



3M New Zealand Ltd
Abrasive Systems Division
94 Apollo Drive, Albany
Auckland, New Zealand

Phone 0800 362 886
Web go.3M.com/NZabrasives

Watch Video



go.3M.com/NZ_1184fBeltVideo

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. **Disclaimer:** 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and other limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, death, or property damage. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com. **Warranty and Limited Remedy:** 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. 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 and Cubitron are trademarks of 3M Company. All other trademarks are property of their respective owners. © 3M 2025. All rights reserved.

3M Abrasive Products are for industrial use only.