



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 up to 86% faster cut rate compared to crushed ceramic competitors—** providing the ultimate in performance.

3M™ Cubitron™ 3 Cloth Belt 1184F



High Stock Removal

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

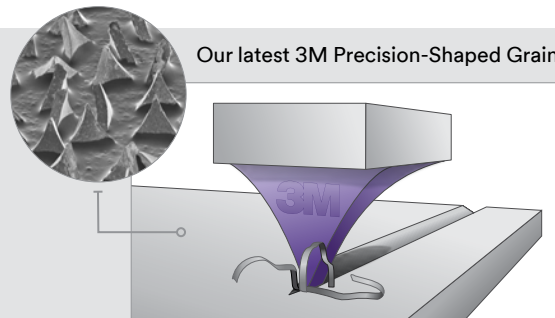
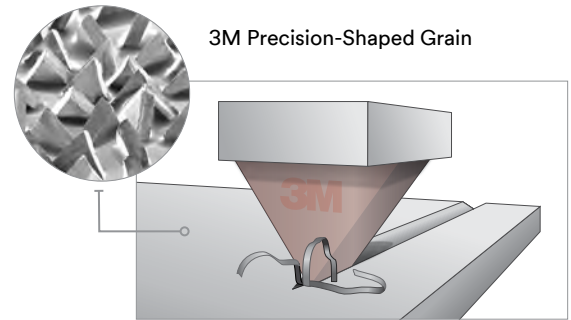
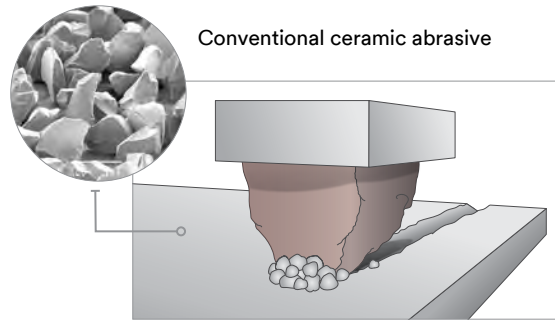
A new spin on saving time and labor costs.

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.

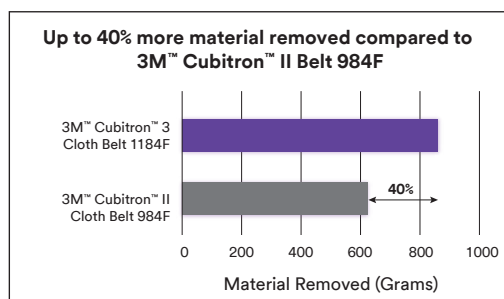


3M | **Cubitron™ 3**
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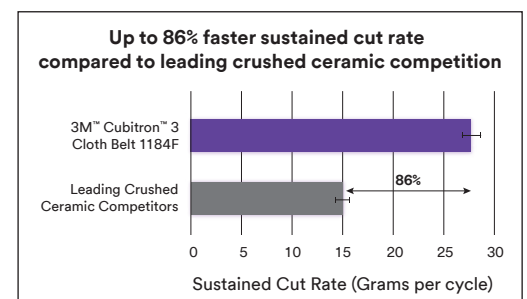
Re-engineered precision-shaped ceramic triangular grain using a proprietary breakthrough in grain shape. This helps increase productivity and lower overall grinding costs.

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™ II Cloth Belt 984FX Pro.



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.



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.

Applications:

- ▶ Gate Grinding
- ▶ Heavy Stock Removal
- ▶ Surface Grinding
- ▶ Beveling
- ▶ Weld Removal
- ▶ Rapid Grinding Systems
- ▶ Robotic and Automated Grinding Systems
- ▶ Pipe Notching

Ideal Substrates:

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

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/1184fBelt_NZ



**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



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