

3M™ Cubitron™ II Bonded Abrasive
Grinding and Cut-Off Wheels.

CUBITRON™ II

**BORN TO
GRIND.**

IT'S GRINDING REINVENTED.



FEATURING
NEW CUBITRON™ II
CUT & GRIND WHEELS

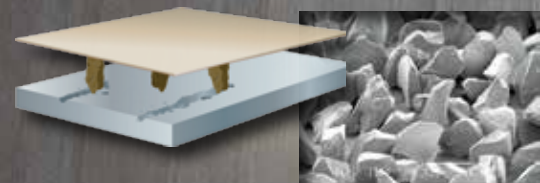
3M

GRINDING REINVENTED

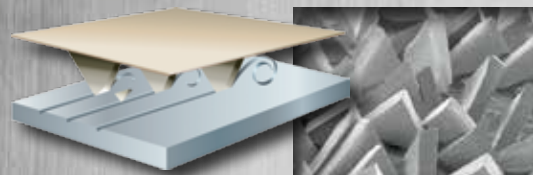


3M™ Cubitron™ II bonded abrasive grinding and cut-off wheels are revolutionizing the grinding process. They're faster cutting and longer lasting than conventional grinding wheels. With 3M precision-shaped grain technology that transforms the process of grinding metal, Cubitron II abrasives:

- Cut faster
- Stay sharp longer
- Require less pressure
- Potentially reduce operator fatigue
- Increase productivity



Conventional ceramic abrasive grain is irregular in shape. Instead of a clean, machining action, the grain "plows" through the metal, causing heat build up, slower cutting and shorter life.



3M precision-shaped grain in Cubitron II grinding wheels continuously fracture to form sharp points and edges – slicing cleaner and faster, staying cooler and lasting many times longer.

3 REASONS WHY IT'S BETTER:

1. **Cuts faster**—helps improve productivity and throughput
2. **Lasts longer**—helps save money
3. **Easier to use**—good for your workers, good for your business

LESS PRESSURE REQUIRED, MORE MATERIAL REMOVED.

Competitive products require up to 3 times the amount of pressure to match the cut of Cubitron II abrasives.

THE PAYOFF

- Less wear and tear on your operators
- More material removed by the same amount of effort
- Improved productivity

USED IN INDUSTRIES SUCH AS:

Ship Building • Structural Steel
General Met Fab Oil and Gas • Agriculture,
Industrial and Construction Machinery

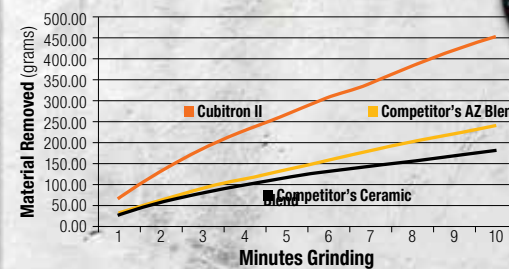
3M™ CUBITRON™ II CUT & GRIND WHEELS

NEW



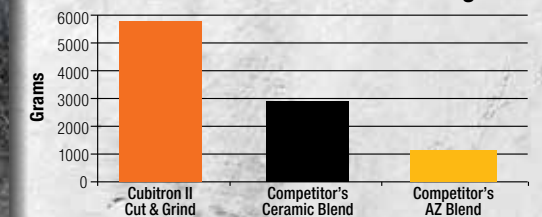
Cubitron II Cut & Grind wheels are a versatile solution designed to use both as a depressed center grinding wheel and as a cut-off wheel—making them ideal for cutting, grinding, gouging and more. Optimized for use on mild and stainless steel.

Cubitron II Cut & Grind Wheels Cut Faster!



After 10 min., nearly double the output of our closest competitor

Cubitron II Cut & Grind Wheels Last Longer!



Removes nearly 2x the material, compared to our closest competitor

3M™ CUBITRON™ II CUT & GRIND WHEEL - T27

Performance Characteristics	D x T x AH	UPC	Max. RPM	Inner/Case
• 3M precision-shaped grain for ultra fast cut and long life	4" x 1/8" x 3/8"	4046719-82276-8	15,300	10/20
• Versatile—use as both a grinding wheel and cut-off wheel	4" x 1/8" x 5/8"	4046719-82277-5	15,300	10/20
• Specially formulated for use on stainless and mild steel	5" x 1/8" x 7/8"	4046719-82278-2	12,250	10/20
• Cool cutting for a higher quality and faster cut	4.5" x 1/8" x 7/8"	4046719-82279-9	13,300	10/20
	6" x 1/8" x 7/8"	051141-28758-4	10,200	10/20
	7" x 1/8" x 7/8"	051141-28760-7	8,500	10/20
	9" x 1/8" x 7/8"	051141-28761-4	6,650	10/20

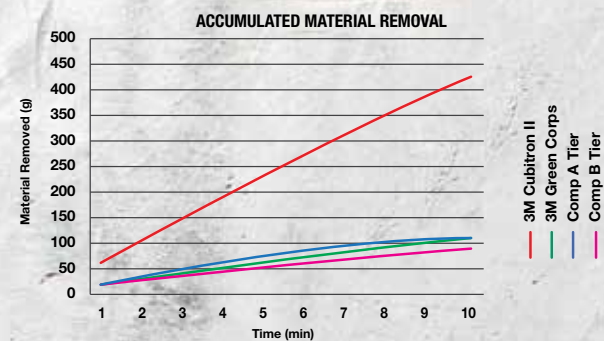
3M™ CUBITRON™ II CUT & GRIND WHEEL - T27 QUICK CHANGE HUB

Performance Characteristics	D x T x AH	UPC	Max. RPM	Inner/Case
• 3M precision-shaped grain for ultra fast cut and long life	4.5" x 1/8" x 5/8-11"	051141-28762-1	13,300	10/20
• Versatile—use as both a grinding wheel and cut-off wheel	5" x 1/8" x 5/8-11"	051141-28763-8	12,250	10/20
• Specially formulated for use on stainless and mild steel	6" x 1/8" x 5/8-11"	051141-28764-5	10,200	10/20
• Cool cutting for a higher quality and faster cut	7" x 1/8" x 5/8-11"	051141-28765-2	8,500	10/20
• Quick change attachment for improved productivity and throughput	9" x 1/8" x 5/8-11"	051141-28766-9	6,650	10/20

3M™ CUBITRON™ II DEPRESSED CENTER GRINDING WHEELS



Cubitron II depressed center grinding wheels produce very high cut rates on a wide variety of metals. They are used for heavy weld removal and many other grinding applications.



As the chart shows, after ten minutes of grinding, Cubitron II grinding wheels **tripled the output** of its competitors.

3M™ CUBITRON™ II DEPRESSED CENTER GRINDING WHEEL - T27

Performance Characteristics

- Premium Performance
- 3M precision-shaped grain for ultra fast cut and long life
- Specially formulated for use on stainless and mild steel
- Cool cutting for a higher quality and faster cut
- Fast, cool cutting helps extend the life of the tool

D x T x AH	UPC	Max. RPM	Inner/Case
4" x 1/4" x 3/8"	051115-66598-1	15,300	10/20
4" x 1/4" x 5/8"	051115-66597-4	15,300	10/20
4.5" x 1/4" x 7/8"	051115-66587-5	13,300	10/20
5" x 1/4" x 7/8"	051115-66588-2	12,250	10/20
6" x 1/4" x 7/8"	051115-66589-9	10,200	10/20
7" x 1/4" x 7/8"	051115-66590-5	8,500	10/20
9" x 1/4" x 7/8"	051115-66591-2	6,650	10/20

3M™ CUBITRON™ II DEPRESSED CENTER GRINDING WHEEL - T27 QUICK CHANGE

Performance Characteristics

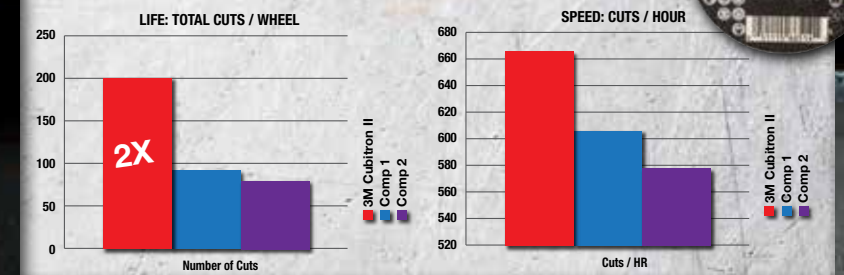
- Premium Performance
- 3M precision-shaped grain for ultra fast cut and long life
- Specially formulated for use on stainless and mild steel
- Cool cutting for a higher quality and faster cut
- Fast, cool cutting helps extend the life of the tool
- Quick change attachment for improved productivity and throughput

D x T x AH	UPC	Max. RPM	Inner/Case
4.5" x 1/4" x 5/8-11"	051115-66596-7	13,300	10/20
5" x 1/4" x 5/8-11"	051115-66592-9	12,250	10/20
6" x 1/4" x 5/8-11"	051115-66593-6	10,200	10/20
7" x 1/4" x 5/8-11"	051115-66594-3	8,500	10/20
9" x 1/4" x 5/8-11"	051115-66595-0	6,650	10/20

3M™ CUBITRON™ II CUT-OFF WHEELS

Cubitron II cut-off wheels are designed to provide high cut rates and long life on all types of ferrous metals, stainless steels, alloy steels and cast iron.

Cubitron II cut-off wheels have over 2 times the life of competitive wheels and cut faster too, translating to lower costs.



3M™ CUBITRON™ II CUT-OFF WHEEL - T1

Performance Characteristics

- Premium performance
- 3M precision-shaped grain for ultra fast cool cutting action and long life
- Specially formulated for use on stainless and mild steel
- Cool cutting for a higher quality and faster cut
- Fast, cool, cutting helps extend the life of the tool

D x T x AH	UPC	Max. RPM	Inner/Case
3" x .035" x 1/4"	051115-66513-4	25,465	25/50
3" x .035" x 3/8"	051115-66514-1	25,465	25/50
3" x .06" x 1/4"	051115-66515-8	25,465	25/50
3" x .06" x 3/8"	051115-66516-5	25,465	25/50
4" x .035" x 1/4"	051115-66517-2	19,100	25/50
4" x .035" x 3/8"	051115-66518-9	19,100	25/50
4" x .035" x 5/8"	051115-66519-6	15,300	25/50
4" x .06" x 3/8"	051115-66520-2	19,100	25/50
4" x .09" x 5/8"	051115-66521-9	15,300	25/50
4" x .045" x 5/8"	051115-66522-6	15,300	25/50
4" x .06" x 5/8"	051115-66523-3	15,300	25/50
4" x .125" x 3/8"	051115-66524-0	19,100	25/50
4.5" x .045" x 7/8"	051115-66525-7	13,300	25/50
5" x .045" x 7/8"	051115-66526-4	12,250	25/50
6" x .045" x 7/8"	051115-66527-1	10,200	25/50
7" x .045" x 7/8"	051115-66528-8	8,500	25/50

3M™ CUBITRON™ II CUT-OFF WHEEL - T27

Performance Characteristics

- Premium performance
- 3M precision-shaped grain for ultra fast cool cutting action and long life
- Specially formulated for use on stainless and mild steel
- Cool cutting for a higher quality and faster cut
- Fast, cool, cutting helps extend the life of the tool

D x T x AH	UPC	Max. RPM	Inner/Case
4" x .045" x 5/8"	051115-66529-5	15,300	25/50
4.5" x .045" x 7/8"	051115-66531-8	13,300	25/50
4.5" x .09" x 7/8"	051115-66533-2	13,300	25/50
4.5" x .125" x 7/8"	051115-66535-6	13,300	25/50
5" x .045" x 7/8"	051115-66537-0	12,250	25/50
5" x .09" x 7/8"	051115-66539-4	12,250	25/50
6" x .045" x 7/8"	051115-66541-7	10,200	25/50
7" x .09" x 7/8"	051115-66543-1	8,500	25/50

3M™ CUBITRON™ II CUT-OFF WHEEL - T27 QUICK CHANGE

Performance Characteristics

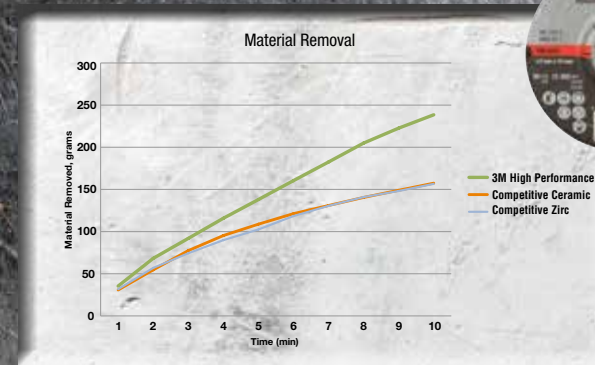
- Premium performance
- 3M precision-shaped grain for ultra fast cool cutting action and long life
- Specially formulated for use on stainless and mild steel
- Cool cutting for a higher quality and faster cut
- Fast, cool, cutting helps extend the life of the tool
- Quick change attachment for improved productivity and throughput

D x T x AH	UPC	Max. RPM	Inner/Case
4.5" x .045" x 5/8-11"	051115-66530-1	13,300	25/50
4.5" x .09" x 5/8-11"	051115-66532-5	13,300	25/50
4.5" x .125" x 5/8-11"	051115-66534-9	13,300	25/50
5" x .045" x 5/8-11"	051115-66536-3	12,250	25/50
5" x .09" x 5/8-11"	051115-66538-7	12,250	25/50
6" x .045" x 5/8-11"	051115-66540-0	10,200	25/50
7" x .09" x 5/8-11"	051115-66542-4	8,500	25/50

3M™ HIGH PERFORMANCE DEPRESSED CENTER GRINDING WHEELS



For the ideal combination of value and performance, choose these 3M High Performance depressed center grinding wheels. They feature 3M ceramic abrasive grain for fast cut and long life, and are specially formulated for use on stainless and mild steel.



3M™ HIGH PERFORMANCE DEPRESSED CENTER GRINDING WHEEL - T27

Performance Characteristics

- 3M ceramic abrasive grain provides fast cut and long life
- Specially formulated for use on stainless and mild steel

D x T x AH	UPC	Max. RPM	Inner/Case
4" x 1/4" x 3/8"	051115-66555-4	15,300	10/20
4" x 1/4" x 5/8"	051115-66554-7	15,300	10/20
4.5" x 1/4" x 7/8"	051115-66544-8	13,300	10/20
5" x 1/4" x 7/8"	051115-66545-5	12,250	10/20
6" x 1/4" x 7/8"	051115-66546-2	10,200	10/20
7" x 1/4" x 7/8"	051115-66547-9	8,500	10/20
9" x 1/4" x 7/8"	051115-66548-6	6,650	10/20

3M™ HIGH PERFORMANCE DEPRESSED CENTER GRINDING WHEEL- 27 QUICK CHANGE

Performance Characteristics

- 3M ceramic abrasive grain provides fast cut and long life
- Specially formulated for use on stainless and mild steel
- Quick change attachment for improved productivity and throughput

D x T x AH	UPC	Max. RPM	Inner/Case
4.5" x 1/4" x 5/8-11"	051115-66553-0	13,300	10/20
5" x 1/4" x 5/8-11"	051115-66549-3	12,250	10/20
6" x 1/4" x 5/8-11"	051115-66550-9	10,200	10/20
7" x 1/4" x 5/8-11"	051115-66551-6	8,500	10/20
9" x 1/4" x 5/8-11"	051115-66552-3	6,650	10/20

3M™ HIGH PERFORMANCE CUT-OFF WHEELS

For the ideal combination of value and performance, choose these 3M High Performance cut-off wheels for the job. They feature 3M ceramic abrasive grain for fast cut and long life, and are specially formulated to be used on stainless and mild steel.



3M™ HIGH PERFORMANCE CUT-OFF WHEEL - T1

Performance Characteristics

- 3M ceramic abrasive grain provides fast cut and long life
- Specially formulated for use on stainless and mild steel

D x T x AH	UPC	Max. RPM	Inner/Case
3" x .035" x 1/4"	051115-66556-1	25,465	25/50
3" x .035" x 3/8"	051115-66557-8	25,465	25/50
3" x .06" x 1/4"	051115-66558-5	25,465	25/50
3" x .06" x 3/8"	051115-66559-2	25,465	25/50
4" x .035" x 1/4"	051115-66560-8	19,100	25/50
4" x .035" x 3/8"	051115-66561-5	19,100	25/50
4" x .035" x 5/8"	051115-66562-2	15,300	25/50
4" x .06" x 3/8"	051115-66563-9	19,100	25/50
4" x .09" x 5/8"	051115-66564-6	15,300	25/50
4" x .045" x 5/8"	051115-66565-3	15,300	25/50
4" x .06" x 5/8"	051115-66566-0	15,300	25/50
4" x .125" x 3/8"	051115-66567-7	19,100	25/50
4.5" x .045" x 7/8"	051115-66568-4	13,300	25/50
5" x .045" x 7/8"	051115-66569-1	12,250	25/50
6" x .045" x 7/8"	051115-66570-7	10,200	25/50
7" x .045" x 7/8"	051115-66571-4	8,500	25/50

3M™ HIGH PERFORMANCE CUT-OFF WHEEL - T27

Performance Characteristics

- 3M ceramic abrasive grain provides fast cut and long life
- Specially formulated for use on stainless and mild steel

D x T x AH	UPC	Max. RPM	Inner/Case
4" x .045" x 5/8"	051115-66572-1	15,300	25/50
4.5" x .045" x 7/8"	051115-66574-5	13,300	25/50
4.5" x .09" x 7/8"	051115-66576-9	13,300	25/50
4.5" x .125" x 7/8"	051115-66578-3	13,300	25/50
5" x .045" x 7/8"	051115-66580-6	12,250	25/50
5" x .09" x 7/8"	051115-66582-0	12,250	25/50
6" x .045" x 7/8"	051115-66584-4	10,200	25/50
7" x .09" x 7/8"	051115-66586-8	8,500	25/50

3M™ HIGH PERFORMANCE CUT-OFF WHEEL - T27 QUICK CHANGE

Performance Characteristics

- 3M ceramic abrasive grain provides fast cut and long life
- Specially formulated for use on stainless and mild steel
- Quick change attachment for improved productivity and throughput

D x T x AH	UPC	Max. RPM	Inner/Case
4.5" x .045" x 5/8-11"	051115-66573-8	13,300	25/50
4.5" x .09" x 5/8-11"	051115-66575-2	13,300	25/50
4.5" x .125" x 5/8-11"	051115-66577-6	13,300	25/50
5" x .045" x 5/8-11"	051115-66579-0	12,250	25/50
5" x .09" x 5/8-11"	051115-66581-3	12,250	25/50
6" x .045" x 5/8-11"	051115-66583-7	10,200	25/50
7" x .09" x 5/8-11"	051115-66585-1	8,500	25/50



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