



## 3M™ Cubitron™ II Cut-off Wheels

### Product Description

3M™ Cubitron™ II cut-off wheels are *Type 1 and Type 27*, reinforced resin-bonded wheels containing 3M-proprietary ceramic *Precision Shaped Grain (PSG)* mineral. The result of this is a cut-off wheel that yields a fast cut and extended life superior to that of its competitors. 3M™ Cubitron™ II cut-off wheels are ideal for mild steel, stainless steel, nickel alloys, and cast iron.

### Technical Data

**Mineral:** 3M-Proprietary Ceramic *Precision Shaped Grain* (PSG), 36+ or 60+/40+ blend

**Construction:** Resin bonded wheels with a reinforced construction for added safety and durability; INOX formulation ( $Fe < 0.1\%$ ,  $S < 0.1\%$ , and  $Cl < 0.1\%$ ) for stainless applications

**Dimensions:** 3", 4", 4.5", 5", 6" and 7" diameter, with thicknesses from 0.035" to 0.125"

### **Safety:**



3M™ Cubitron™ II cut-off wheels conform to the following safety and quality standards:

ISO 9001/14001

EN 12413:2007

ANSI Safety Code B7.1-2010

FEPA member

- Tool must not exceed the maximum operation speed (*MOS*) of the wheel.
- Always use appropriate protective glasses, face shields, and body protection.
- Appropriate guarding and mounting hardware specific to cut-off wheels must be used at all times as per ANSI B7.1.
- Do not apply side pressure to any cut-off wheel; the edge is only to be used for cutting
- If a wheel has been dropped or suspected of having been damaged, it should not be used; this includes out of balance and warped wheels.

- The shelf life of all resin bonded cut-off wheels is 3 years from the date of manufacture (*FEPA standard*).
- Store in a cool, dry place.

**Products:**

	Dimension
7" x 0.090" x 7/8" (Type 27)	(180 x 2 x 22.23)
7" x 0.090" x 5/8"-11 (Type 27)	(180 x 2 x 5/8"-11)
7" x 0.045" x 7/8"	(180 x 1.6 x 22.23)
6" x 0.045" x 7/8"	(150 x 1.6 x 22.23)
6" x 0.045" x 7/8" (Type 27)	(150 x 1.6 x 22.23)
6" x 0.045" x 5/8"-11 (Type 27)	(150 x 1.6 x 5/8"-11)
5" x 0.090" x 7/8" (Type 27)	(125 x 2 x 22.23)
5" x 0.090" x 5/8"-11 (Type 27)	(125 x 2 x 5/8"-11)
5" x 0.045" x 7/8"	(125 x 1.6 x 22.23)
5" x 0.045" x 7/8" (Type 27)	(125 x 1.6 x 22.23)
5" x 0.045" x 5/8"-11 (Type 27)	(125 x 1.6 x 5/8"-11)
4.5" x 0.125" x 7/8" (Type 27)	(115 x 3 x 22.23)
4.5" x 0.125" x 5/8"-11 (Type 27)	(115 x 3 x 5/8"-11)
4.5" x 0.090" x 7/8" (Type 27)	(115 x 2 x 22.23)
4.5" x 0.090" x 5/8"-11 (Type 27)	(115 x 2 x 5/8"-11)
4.5" x 0.045" x 7/8" (Type 27)	(115 x 1.6 x 22.23)
4.5" x 0.045" x 5/8"-11 (Type 27)	(115 x 1.6 x 5/8"-11)
4.5" x 0.045" x 7/8"	(115 x 1.6 x 22.23)
4" x 0.125" x 3/8"	(100 x 3 x 9.53)
4" x 0.060" x 5/8"	(100 x 2 x 16)
4" x 0.060" x 3/8"	(100 x 2 x 9.53)
4" x 0.045" x 5/8" (Type 27)	(100 x 1.6 x 16)
4" x 0.045" x 5/8"	(100 x 1.6 x 16)
4" x 0.035" x 5/8"	(100 x 0.8 x 16)
4" x 0.035" x 3/8"	(100 x 0.8 x 9.53)
4" x 0.035" x 1/4"	(100 x 0.8 x 6)
	Dimension
3" x 0.060" x 3/8"	(75 x 2 x 9.53)
3" x 0.060" x 1/4"	(75 x 2 x 6)
3" x 0.035" x 3/8"	(75 x 0.8 x 9.53)
3" x 0.035" x 1/4"	(75 x 0.8 x 6)

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