



Industrial Abrasives

Technical Data Sheet

Effective Date: January 1, 2020

3M™ Cut and Grind Wheels

3M I.D. Number	3M Cut and Grind Wheels
Product Description	3M Cut and Grind Wheels are Type 1 and Type 27, reinforced resin-bonded wheels containing 3M-patented ceramic Precision Shaped Grain (PSG) mineral. The result of this is a cut and grind wheel that yields a fast cut and extended life superior to that of its competitors. 3M™ Cut and Grind Wheels are ideal for mild steel, stainless steel, and nickel alloys.
Mineral	A blend of crushed aluminum oxide and ceramic Precision Shaped Grain (PSG)
Construction	Resin bonded wheels with a triple reinforced construction for added safety and durability; INOX formulation (Fe < 0.1%, S < 0.1%, and Cl < 0.1%) for stainless steel applications
Dimensions	4", 4½", 5", 6", 7" and 9" diameter x 1/8" thick
Accessories	<i>(mounting of 7" and 9" wheels with 7/8" center hole)</i> 3M™ Flap Disc Holder, PN88769 (00—51144-88769-9)
Safety	Always use appropriate PPE and follow safety precautions as instructed in the associated Product Safety Insert. Product Safety Inserts are included with shipped product and are also available on-line through 3M.com.

Products

Type 27

<u>Part Number</u>	<u>Dimension</u>
7100213972	4" x 1/8" x 3/8"
7100212647	4" x 1/8" x 5/8"
7100214084	4.5" x 1/8" x 7/8"
7100214086	5" x 1/8" x 7/8"
60-4403-5829-3	6" x 1/8" x 7/8"
60-4403-5830-1	7" x 1/8" x 7/8"
60-4403-5831-9	9" x 1/8" x 7/8"
60-4403-5806-1	4.5" x 1/8" x 5/8"-11
60-4403-5807-9	5" x 1/8" x 5/8"-11
60-4403-5808-7	6" x 1/8" x 5/8"-11
60-4403-5827-7	7" x 1/8" x 5/8"-11
60-4403-5828-5	9" x 1/8" x 5/8"-11

Type 1

<u>Part Number</u>	<u>Dimension</u>
7100214075	4" x 1/8" x 3/8"

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