




Silver Cut-off Wheels

Technical Data Sheet

Effective Date: January 1, 2018

Product Name	3M™ Silver Cut-off Wheels
Product Description	3M Silver Cut-off 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-off wheel that yields a fast cut and extended life superior to that of its competitors. 3M™ Silver cut-off wheels are ideal for mild steel, stainless steel, and nickel alloys
Mineral	A blend of ceramic Precision Shaped Grain (PSG; 36+ or 60+) and crushed aluminum oxide
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	<div></div> <p>3M Silver Cut-off Wheels conform to the following safety and quality standards:</p> <p><i>ISO 9001/14001</i> <i>EN 12413:2007</i> <i>ANSI Safety Code B7.1-2010</i> <i>FEPA member</i></p> <ul style="list-style-type: none">• Tool must not exceed the maximum operation speed (MOS) listed on 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 / ISO 11148-7.• 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.

Type 1

<u>Part number</u>	<u>Dimension</u>
87658	7" x 1/8" x 7/8"
87471	7" x 0.045" x 7/8"
87469	6" x 0.045" x 7/8"
87467	5" x 0.045" x 7/8"
87659	4.5" x 3/32" x 7/8"
87465	4.5" x 0.045" x 7/8"
87464	4.5" x 0.040" x 7/8"
87657	4" x 1/8" x 3/8"
87462	4" x 0.060" x 3/8"
87461	4" x 0.035" x 3/8"
87460	4" x 0.035" x 1/4"
87459	3" x 0.060" x 3/8"
87458	3" x 0.035" x 3/8"
87457	3" x 0.035" x 1/4"

Type 27

<u>Part Number</u>	<u>Dimension</u>
87470	6" x 0.045" x 7/8"
87468	5" x 0.045" x 7/8"
87466	4.5" x 0.045" x 7/8"

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