




Industrial Abrasives

Technical Data Sheet

Effective Date: January 1, 2018

3M™ Silver Depressed Center Grinding Wheels

3M I.D. Number	3M Silver Depressed Center Grinding Wheels
Product Description	3M™ Silver Depressed Center Grinding Wheels are Type 27 grinding wheels containing 3M-patented ceramic Precision Shaped Grain (PSG) mineral. The result is a tough, aggressive wheel with exceptional cut for heavy stock removal, slag removal, and beveling on metals such as cast iron, mild steel, and stainless steel. These wheels are designed to compete against competitive high-performance grinding wheels, cup stones and fibre discs.
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	102 mm, 115 mm, 127 mm, 150 mm, 180 mm, and 230 mm diameter; 6 mm or 7 mm thick
Safety	<div style="text-align: center;"></div> <p>3M Silver Depressed Center Grinding Wheels conform to the following safety and quality standards:</p> <p>ISO 9001/14001 EN 12413:2007 FEPA Regulations</p> <ul style="list-style-type: none">• Tool must not exceed the maximum operating speed listed on the wheel• Always use appropriate protective glasses, face shields, and body protection.• Appropriate tool guarding and mounting hardware must be used at all times as per ANSI B7.1.• 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 edge and bottom face can be used for grinding.• The shelf life of all resin bonded wheels is 3 years from date of manufacture (FEPA standard). Discard wheels after date stamped on topside center ring• Store in a cool, dry place.

Products

<u>Part Number</u>	<u>Dimension</u>
<i>(EU)</i>	
51746	102 x 7 x 16
51747	115 x 7 x 22.23
51748	127 x 7 x 22.23
51749	150 x 7 x 22.23
51750	180 x 7 x 22.23
51751	230 x 7 x 22.23
<i>(Asia)</i>	
51756	102 x 6 x 15
51757	102 x 6 x 16
51758	102 x 6 x 9.53
51759	115 x 6 x 22.23
51760	127 x 6 x 22.23
51761	150 x 6 x 22.23
51762	180 x 6 x 22.23
51763	230 x 6 x 22.23

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