Technical Data Sheet

Effective Date: V2 (08/07/2026)

3M™ Cut & Grind Wheels

Product Description	3M™ Cut & Grind wheels (Silver labelled) are part of the 3M Advanced Series which are versatile, rigid reinforced resin bonded wheels. The wheel is designed to be used as both a grinding wheel and cut-off wheel which contains 3M proprietary ceramic Precision-Shaped Grain (PSG) mineral. The result is a tough, aggressive wheel with exceptional performance for beveling, stock removal, notching, back grinding, gouging, fillet weld grinding and cutting on both mild/carbon steel, stainless steel and cast iron. These wheels are designed for high-performance and are best suited for medium to high power tools.
Mineral	Ceramic Precision Shaped Grain (PSG) and crushed aluminum oxide blend
Construction	Resin bonded wheels with a triple reinforced construction (BF). Single formulation (suited for gouging/cutting) INOX chemistry for stainless steel and other heat sensitive metals. (Fe < 0.1%, S < 0.1%, and Cl < 0.1%)
Dimensions/Grades	Shapes Type 27 and Type 1 (4” only) 4” to 9” (EN-100 to 230mm) diameter 1/8” (EN 4.2mm) nominal thickness Bore sizes, threaded 5/8”-11, plain 3/8”, 5/8” and 7/8” (EN-9.53, 15.88mm and 22.23mm) Check for local availability. 36+ grade
Safety	Always use appropriate PPE and follow safety precautions as instructed in the associated Product Safety Insert. Product Safety Inserts are included with shipped products and are also available on-line through 3M.com. 3M™ Cut and Grind wheels conform to the following safety and quality standards: ISO 9001/14001 EN 12413 ANSI B7.1 oSa Store in a cool, dry place in accordance with product safety insert. The shelf life of all resin bonded (BF) wheels is 3 years from the date of manufacture. Expiry date is located on product metal ring (FEPA standard).

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