

3M Cut Off Wheels

Cut off wheels 1mm thick for portable hand held grinders to be used on metal –INOX, Mild Steel, Premium (all metals)



Product construction

<i>Mineral</i>	Aluminium Oxide, Cubitron™
<i>Bond</i>	BF (resin bonded) fibre reinforced
<i>Grit Range</i>	46
<i>Dimensions</i>	115mm x 1mm x 22,23mm 125mm x 1mm x 22,23mm 115mm x 1,6mm x 22,23mm 125mm x 1,6mm x 22,23mm

Available Forms

- Cut off wheel – Type 41 straight



Comments

- INOX version contains a grinding aid for cooler cut
- Premium Cut Off wheel contains 3M proprietary Cubitron™ mineral

Applications

Workpiece Materials

- Mild steel
- Stainless steel
- Non ferrous metals

Work Pieces

- Metal Sheets
- Metall Tubes
- Metal Rods
- Metal Profiles

Recommendation for Applications

The 1mm thin wheels perform best where burr free cuts are needed, thinner tube walls and thinner metal sheets are to be cut and where cuts are straight or bended to a degree. Ease of cut is obvious. INOX and Cubitron wheels cut cooler and demonstrate less discoloration.

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Features

Aluminium Oxide
or
Cubitron™



Advantages

Toughness



Benefits

Cut performance - life

Grinding aid on INOX version



Lower grinding temperature



More cut and life, better quality
no discoloration

1mm or 1,6mm thickness



Less non cutting friction
Far less pressure needed



Faster action
Straight and easy cuts
Burr free results
Quality improvement

Resin bond – fibre mesh
reinforced

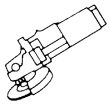


Positive mineral anchorage



Life and Performance

Machine Systems



MOS 80m/s

Safety Hints



EN12413

Not for side
grinding

3M Service

Any further questions:

Phone:

Fax:

Certification

3M production sites are ISO 9001 certified

Important Notice:

All represented statements depict 3M's personal experience. Please determine the applicability of this particular product to your specific requirements prior to use. All questions regarding liability and warranty for this product are regulated in accordance with 3M's General Terms & Conditions, unless superseded by local statute

3

3M <http://www.3M.com/de>
email: name@3m.com

Data Sheet / Vers. 01/07

MSDS available:

Dok. / Vers.