

# Product Data Sheet



**Struers ApS**  
Pederstrupvej 84  
2750 Ballerup, Denmark

Phone +45 44 600 800  
Fax +45 44 600 803  
struers@struers.dk  
www.struers.com

## Product Name      **Diamond Cut-off Wheel**

### Cat. no.

40000095	M0D51, 508 mm dia.
40000094	B0D51, 508 mm dia.
40000077	M0D35, 350 mm dia.
40000036	B0D35, 350 mm dia.
40000093	B7D35, 350 mm dia.
40000082	E0D36, 356 mm dia.
40000075	M0D31, 305 mm dia.
40000035	B0D31, 305 mm dia.
40000081	E0D30, 300 mm dia.
40000034	M0D25, 250 mm dia.
40000033	B0D25, 254 mm dia.
40000080	E0D25, 250 mm dia.
40000029	M4D20, 202 mm dia.
40000032	B4D20, 202 mm dia.
40000084	M0D20, 203 mm dia.
40000072	M1D20, 203 mm dia.
40000083	B0D20, 203 mm dia.
40000090	E1D20, 200 mm dia.
40000046	M4D18, 176 mm dia.
40000054	M0D15, 152 mm dia.
40000068	M1D15, 152 mm dia.
40000055	B0D15, 152 mm dia.
40000089	E0D15, 150 mm dia.
40000038	M0D13, 127 mm dia.
40000071	M1D13, 127 mm dia.
40000039	B0D13, 127 mm dia.
40000043	M0D10, 102 mm dia.
40000070	M1D10, 102 mm dia.
40000041	M0D08, 76 mm dia.
40000069	M1D08, 76 mm dia.

**Revision**      21-03-2017

---

**Description**      Diamond cut-off wheel designed to be used with materialographic cutting machines

**Material**      Metal body with resin or metal bonded electroplated diamonds.

## Properties

Colour: Grey or Bronze

Dimensions:

Diameter mm	Thickness mm	Hole diameter mm
508	2.4 (B0D51: 3.2 mm)	32
350	1.5	32
356	1.5	32
305	1.5 (B0D31: 1.8 mm)	32
300	1.5	32
250	1.1 (E0D25: 1.5 mm)	32
254	1.1	32
202	1.0 (B4D20:1.1 mm)	22
203	0.6 (B0D20: 0.9 mm)	22
200	0.8	22
176	0.8	12.7
152	0.4 (B0D15: 0.8 mm)	12.7
150	0.4	12.7
127	0.4 (B0D13: 0.6 mm)	12.7
102	0.3	12.7
76	0.15	12.7

## Application

For the correct selection of cut-off wheels please see Struers Cut-off Wheel brochure. For optimal cutting results, it is recommended to use Struers' additive for cooling fluids, Corrozip, Corrozip-LF or Corrozip-Cu.

## Health and Safety

- Struers' Diamond Cut-off Wheels are not for free-hand cutting and must be used in stationary machines with totally enclosed working areas as specified in EN 12413. It is recommended to connect the cutting machine to adequate ventilation/exhaust.
- Cut-off Wheels must be securely fixed when cutting and must not exceed the maximum rotational speed marked on the cut off wheel.
- Be aware that metallic swarf can be flammable, and mixtures of different metallic swarf may ignite spontaneously.

To the best of Struers' knowledge, the products listed above do not contain any Substances of Very High Concern (SVHC) according to REACH regulations (amended on 20<sup>th</sup> June 2016) at or above 0.1%.

According to Article 3(3) of the REACH Regulation (EC) No 1907/2006, this product is considered an article and is defined as *"an object which during production is given a special shape, surface or design which determines its function to a greater degree than its chemical composition"*.

Therefore this product is exempted from CLP obligations and is outside the scope of the UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

See the Instructions for Use for more information.

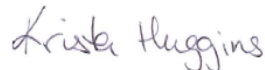
## Personal Protection

No requirements.

## Environmental precautions

Dispose of waste and residues as metal waste, combustible waste, or landfill in accordance with local regulations.

Approved by:



Krista Huggins

Chemical Safety Specialist  
Struers ApS.