

Product Data Sheet



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Product Name **MD-Mezzo**

Cat. no. 40800191 MD-Mezzo, 200 mm (8") dia.
 40800192 MD-Mezzo, 250 mm (10") dia.
 40800193 MD-Mezzo, 300 mm (12") dia.
 40800194 MD-Mezzo, 350 mm (14") dia.

Revision 21-03-2017

Description Resin bonded diamond grinding disc for plane grinding of titanium alloys with a hardness of HV 150 - 450. Surface finish comparable to SiC Paper/Foil #220.

MD-Mezzo is used for the first grinding step and should be followed by fine grinding on MD-Largo.

Material Nickel-plated diamonds, fumed silica, silicon carbide and graphite in an epoxy matrix, deposited on a lacquered surface on an epoxy-coated metal plate.

Properties Blue lacquered surface. For magnetic fixation on MD-Disc. White screen printing on the rear.

Re-usable.

Application For plane/fine grinding of titanium and titanium alloys. Water is used as a lubricant but Struers water-free lubricants can also be used if the specimens are sensitive to water.

Struers additive for cooling fluid, Corrozip, can be used to protect the disc, machine and specimen and for optimal grinding and cooling qualities.

The user must follow the Instructions for Use for correct work procedure.

- Health and Safety**
- Whilst the MD-Mezzo is rotating, ensure hands are kept well clear of the edge and out of the splash bowl.
 - Do not exceed a rotational speed of 600 rpm

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 20th 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 Instructions for Use for more information.

Skin protection

Wear protective gloves during grinding.

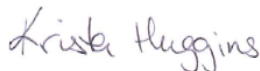
Respiratory Protection

It is recommended that the grinding machine is adequately ventilated during use of MD-Mezzo.

Environmental precautions

Dispose of waste and residues as metal waste in accordance with local regulations.

Approved by:



Krista Huggins

Chemical Safety Specialist
Struers ApS.