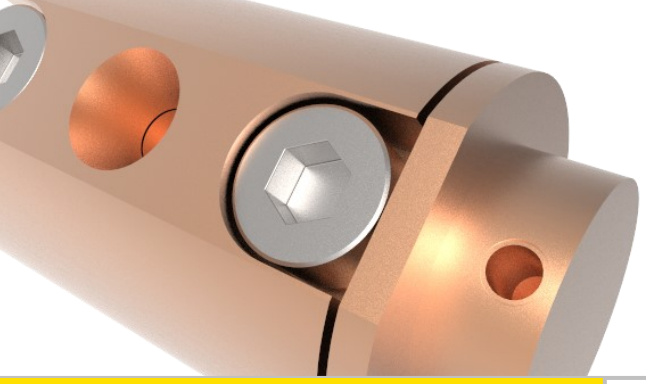
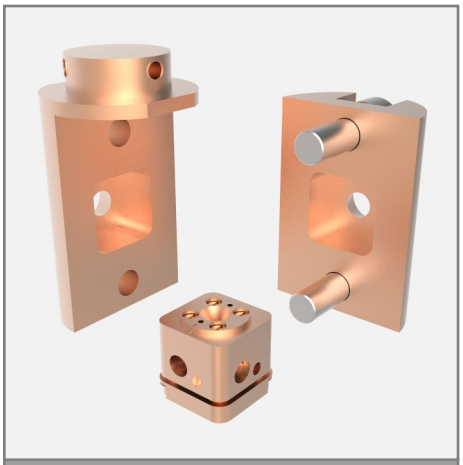


Almax·easyLab
science under pressure

Products



Diacell® CryoDAC-Tesla

Diacell® CryoDAC-Tesla

Diamond anvil cell for low temperature and high magnetic field optical measurements.

Part of Diacell® CryoDAC Series.

- The Diacell® CryoDAC-Tesla has a very small core in the form of a cube with 11.5 mm sides, providing optical apertures in the horizontal plane;
- Pressure is applied by clamping the core between two hemicylinders with a combination of left and right hand bolts;
- The Diacell® CryoDAC-Tesla is ideal for optical measurements at low temperature and high magnetic field or any other environment where space is at a premium;
- The cell uses small specially designed diamond anvils with 2.00 mm girdle diameter;
- Maximum pressure of up to above 30 GPa may be obtained with the Diacell® CryoDAC-Tesla.

RELATED PRODUCTS:

- Diacell® CryoDAC-LT
- Diacell® CryoDAC-Mega
- Diacell® CCS-DAC System
- Optiprexx Ruby Line
- Boehler µDriller

RELATED ACCESSORIES:

- Diacell® Design 2 mm Anvils
- BeCu Anvil Rings
- BeCu 5 mm Gasket Blanks
- Gasket Indenter
- Diacell® Anvil Jigs
- Ruby Powder

Technical Specifications:

Cell Material	Beryllium Copper Alloy
Anvil Support Plate	Beryllium Copper Alloy
Pressure Mechanism	Screw Drive
Maximum Pressure	30 GPa
Top/Bottom Angles	40° Conical
DAC Diameter / Height	24 mm / 47 mm
Working Distance to Sample	11 mm
Numerical Aperture	0.34

Specifications subject to change without prior notice.
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Ref: ML13_15 Rev 2