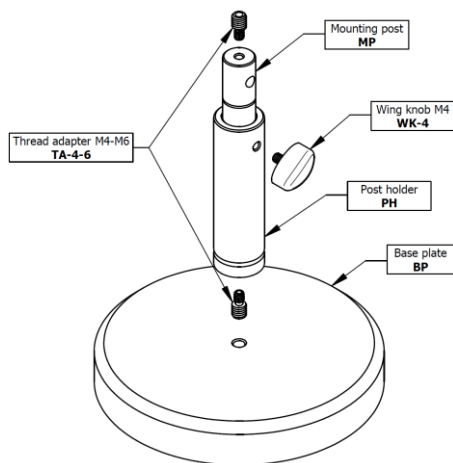


### 3.4 DRB-2 base mounting system

**DRB-2** is a stable base mounting system dedicated to VIGO detection modules with M4 mounting hole and VIGO uncooled detectors in BNC and PEM-SMA packages. DRB-2 has adjustable height and is compatible with M6 optical breadboards.

**DRB-2** consists of:

- base plate BP
- mounting post MP
- post holder PH



**DRB-2** is a stable base mounting system dedicated to VIGO detection modules with M4 mounting hole and VIGO uncooled detectors in BNC and PEM-SMA packages. DRB-2 has adjustable height and is compatible with M6 optical breadboards.

**BP** is a base plate made of black, lacquered steel. It provides mechanical stable conditions for the mounting system. Weight: 1756 g.

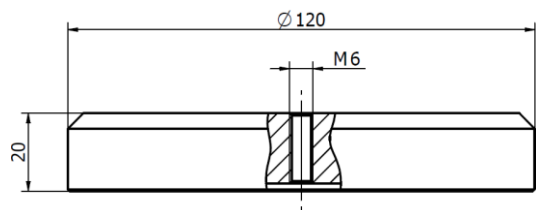
**MP** is a mounting post made of stainless steel. It is equipped with two thread adapters TA-4-6. Weight: 115 g.

**PH** is a post holder made of black anodized aluminum. It is equipped with a wing knob WK-4. Weight: 60 g.

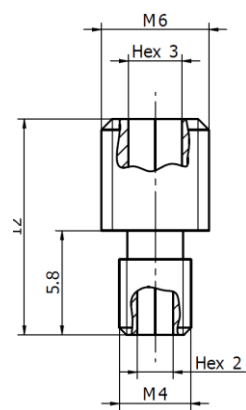


Mechanical layout, mm

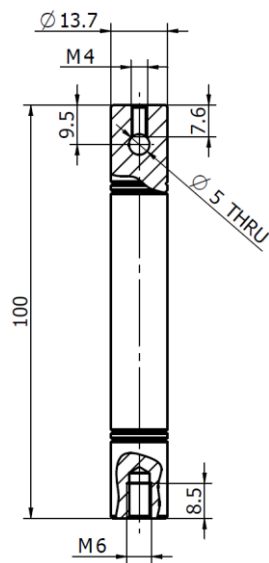
Base plate BP



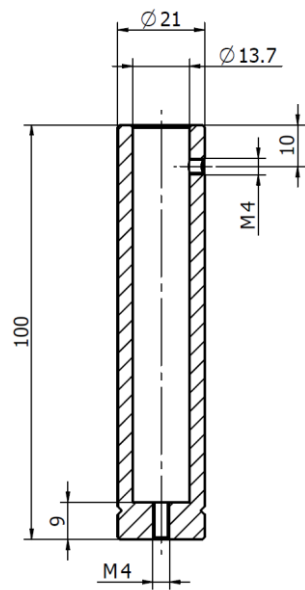
Thread adapter M4-M6



Mounting post MP



Post holder PH



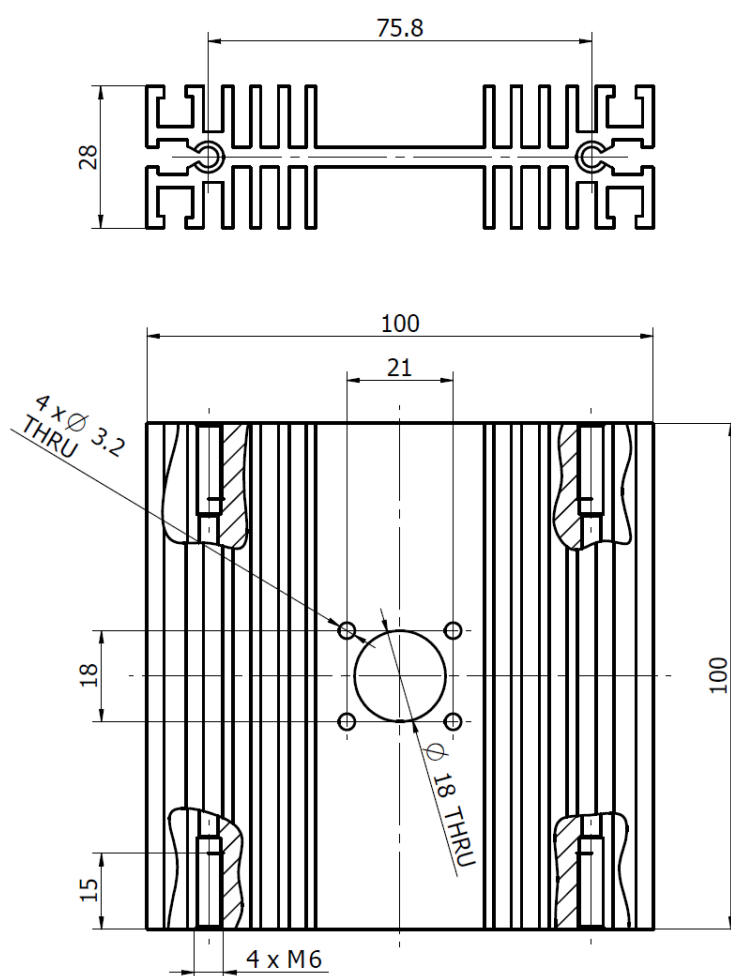
### 3.5 MHS-2 DH-2 MH-1 OTA

#### MHS-2 heatsink

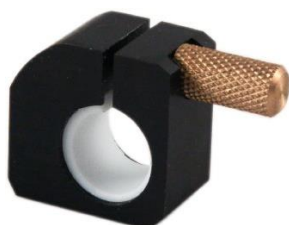
**MHS-2** is an external heatsink made of black anodized aluminum, dedicated for OEM VIGO detection modules integrated with TE cooled detectors and preamplifier SIP-TO8. It provides suitable dissipation of heat generated by the Peltier cooler. Its thermal resistance is ~1.5 K/W.



#### Mechanical layout, mm

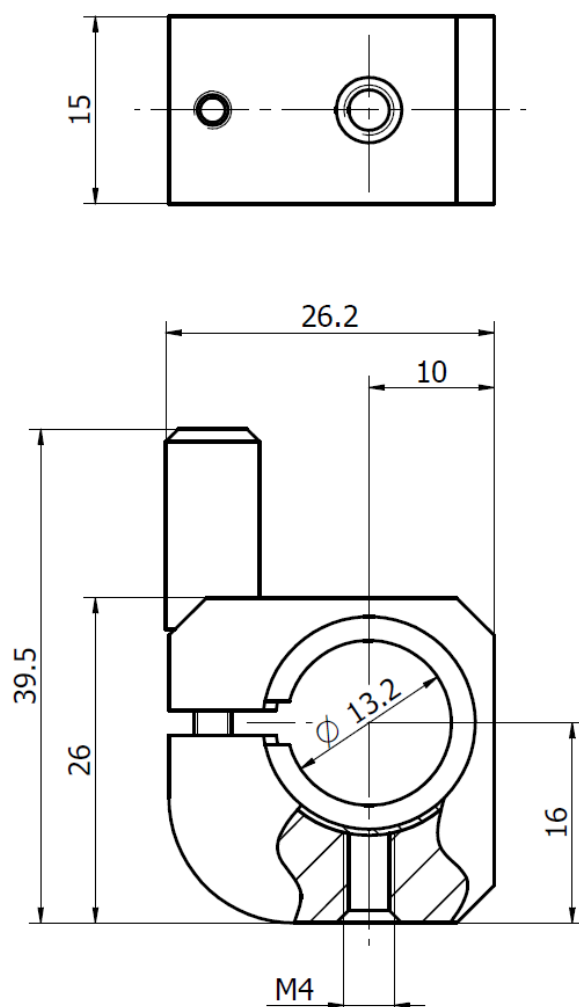


### DH-2 detector holder

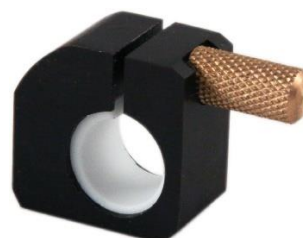


**DH-2** is a detector holder with M4 mounting hole, dedicated for assembly VIGO uncooled detectors in BNC and PEM-SMA packages. It is compatible with DRB-2 mounting system.

#### Mechanical layout, mm

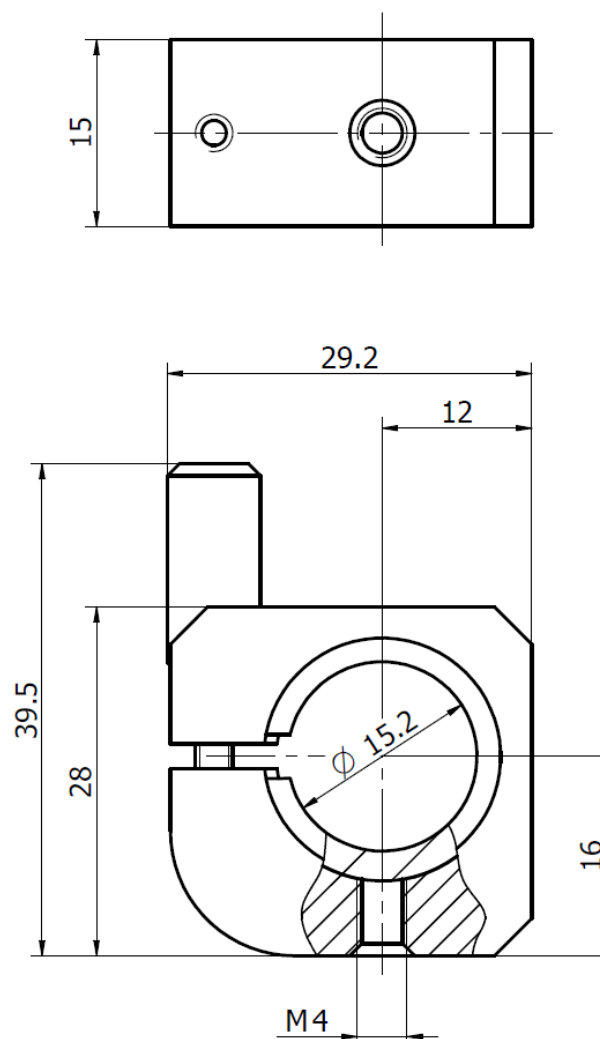


### MH-1 module holder



**MH-1** is a module holder with M4 mounting hole, dedicated for assembly VIGO microM-10.6 detection modules. It is compatible with DRB-2 mounting system.

#### Mechanical layout, mm



### OTA optical threaded adapter

**OTA** is an optical threaded adapter made of black anodized aluminum. It is an accessory that allows building complex systems containing VIGO detection modules (AIP, MIP, PIP) and optical components.

OTA is compatible with all types of Thorlabs SM1 threaded lens tubes.



### Mechanical layout, mm

