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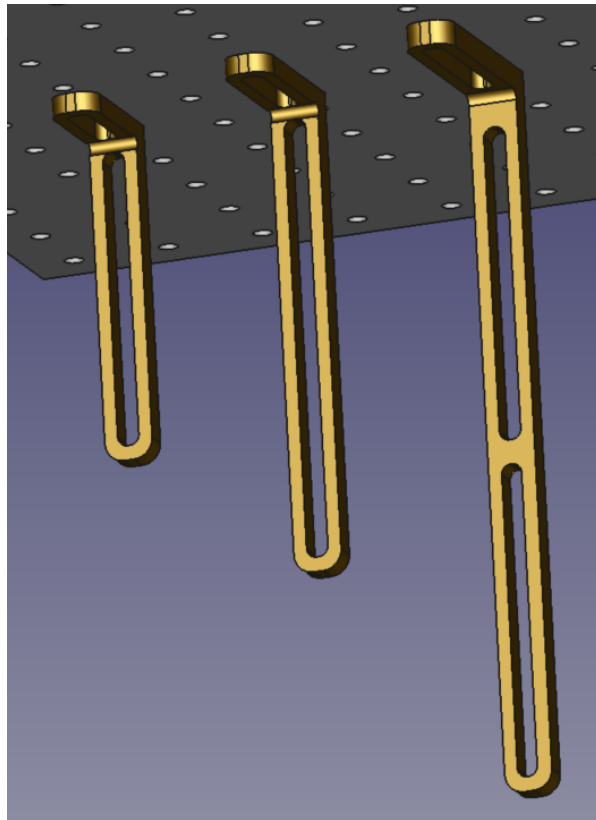
# Therma Brackets (2024)

Mounting brackets for cryogenics

AIVON OY

# Therma Brackets

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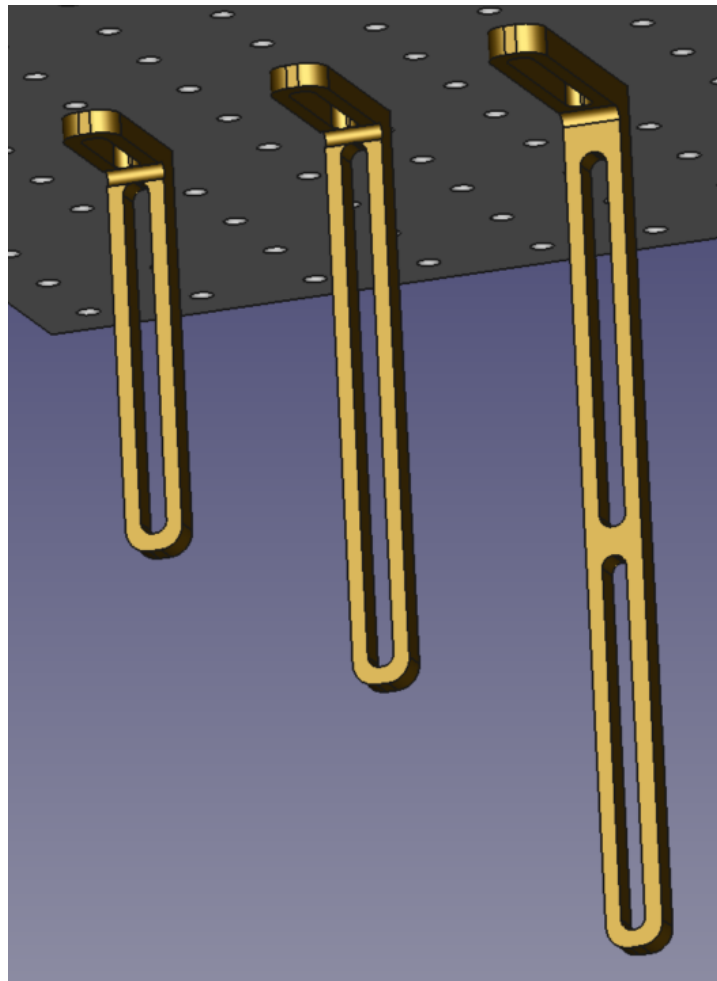
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# Therma Brackets (2024)

## Mounting brackets for cryogenics

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**A**ivon Therma brackets are angle mounting brackets for mounting small items and devices to cryostat plates. Au-plated copper Therma brackets have slit-type openings for M4 screws. There are three different sizes of Therma brackets: 30 x 70 mm, 35 x 100 mm, and 45 x 150 mm.



## Main features

- Three different sizes:
  - 30 x 70 mm, 35 x 100 mm, and 45 x 150 mm
  - Width always 10 mm
- Slit-type openings (width 4.5 mm) for M4 screws (or smaller)
- Non-magnetic Au plating on top of copper C101
- Polished main contact surfaces
- Mounting to cryogenic stage with 20 mm x 20 mm grid:
  - Model 30 x 70, any direction using one screw (bottom in Fig. 1)
  - Model 35 x 100, any direction using one screw, two screws possible in certain positions along main grid axis (2<sup>nd</sup> from bottom in Fig. 1)
  - Model 45 x 150, any direction using one screw, two screws possible also diagonally (top two units in Fig. 1)

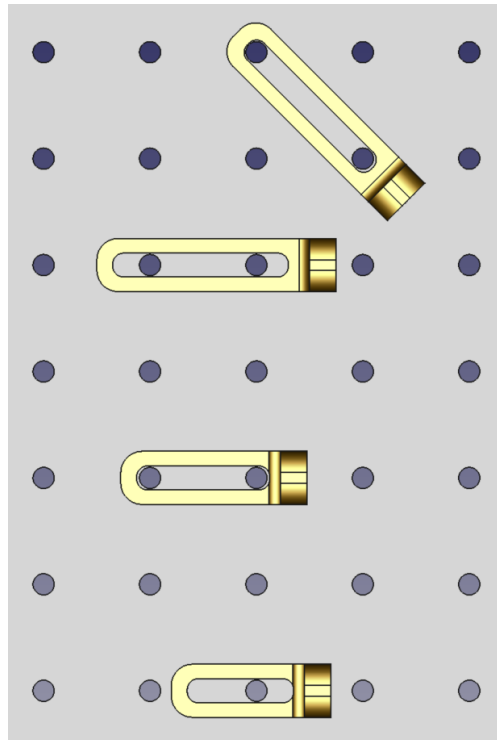


Figure 1: Mounting options onto 20 x 20 mm grid

## Product summary

Product code	Product name	Description
500101	Therma bracket 30x70	Therma bracket 30x70, Au-plated copper
500301	Therma bracket 35x100	Therma bracket 35x100, Au-plated copper
500501	Therma bracket 45x150	Therma bracket 45x150, Au-plated copper

## Specifications

### Enclosure

<b>Material</b>	Au-plated copper C101
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### Physical dimensions

<b>Enclosure dimensions (Width x height x depth)</b>	Model 30x70: 10 mm x 70 mm x 30 mm Model 35x100: 10 mm x 100 mm x 35 mm Model 45x150: 10 mm x 150 mm x 45 mm
<b>Weight</b>	Model 30x70: Model 35x100: Model 45x150:

## Document revision history

Date	Version	Description	Author
18.9.2024	0.1	Initial draft	JSP