

# Large Optical Rails

## Large Low-Profile Optical Rails

OBA-LH  
OBT-LH/LUU

### OBA-LH

RoHS

Large Optical Rails have a tube-shaped cross section with fins extending radially in four directions.

- Carriers for large optical rails can be mounted on all four surfaces, top, lateral sides (two faces) and bottom, using these fins.

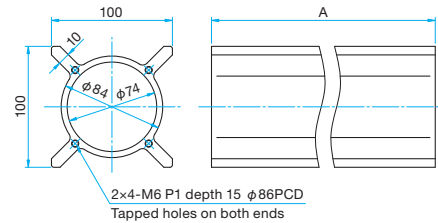
#### Guide

- ▶ Contact our Division for information on ruler scale installation and custom lengths.

Specifications		Primary material: Aluminum Finish: Black Anodized	
Part Number	A [mm]	B [mm]	Weight [kg]
OBA-500LH	500	—	3.3
OBA-1000LH	1,000	—	6.6
OBA-1500LH	1,500	—	9.9
OBA-2000LH	2,000	—	13.2

#### Outline Drawing

##### OBA-LH



2D CAD 3D CAD

### OBT-LH/LUU

RoHS

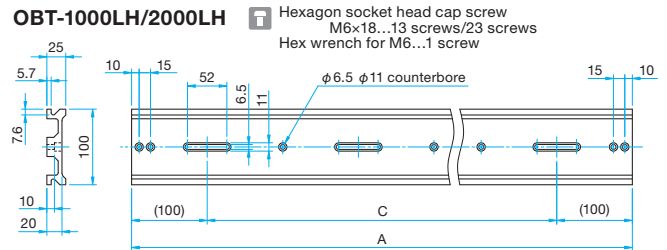
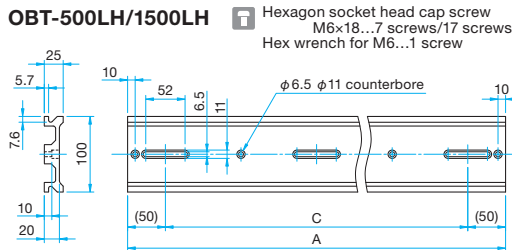
Designed to be directly mounted on top of a vibration isolator or optical laboratory bench using M6 or 1/40 – 20 bolts.

- 100mm-wide, 25mm-high optical rails have a low optical axis and light weight.

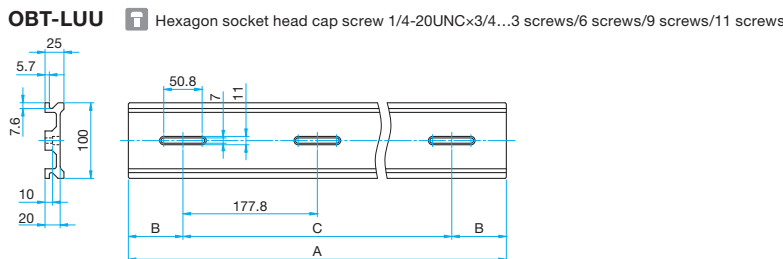
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#### Outline Drawing

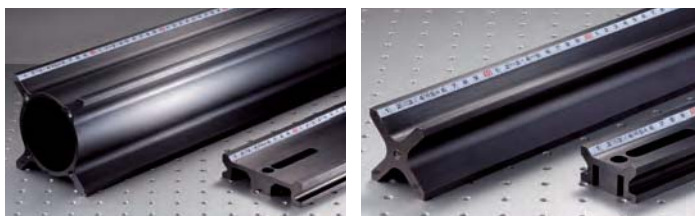


C: 100mm pitch between the centers of slotted hole and counterbore



Specifications		Primary material: Aluminum Finish: Black Anodized				
Part Number		A [mm]	B [mm]	C [mm]		Weight [kg]
METRIC	INCH			METRIC	INCH	
OBT-500LH	OBT-500LUU	500	72.2	100x 4	177.8x 2	1.7
OBT-1000LH	OBT-1000LUU	1,000	55.5	100x 8	177.8x 5	3.5
OBT-1500LH	OBT-1500LUU	1,500	38.8	100x14	177.8x 8	5.2
OBT-2000LH	OBT-2000LUU	2,000	111	100x18	177.8x10	7.0

### Option Scale Installation and Custom Lengths



- Custom lengths not listed in the catalog are available.
- To order surface finishing of the cut surfaces, specify "with reprocessing".
- For the OBA-L and OBA-SH series, to use tapped holes on the lateral side after cutting, specify "with tapped holes".
- Since the price varies depending on the specifications such as one-side cut, both-sides cut, with tapped holes etc., contact our Sales Division for more information.

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