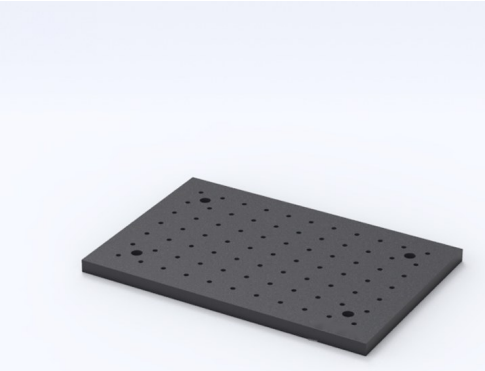
OTSB Series Solid Aluminum Optical Breadboards, 13 mm Thick, M6 on 25 mm Grid

Model OTSB Series · waveqvanta.com/products/otsb-series-solid-aluminum-optical-breadboards

Non-magnetic 13 mm solid aluminum breadboards with M6 tapped holes for compact optical setups.



OTSB Series breadboards are 13 mm thick solid aluminum alloy plates with a matte black, low-reflection surface and M6 tapped holes on a 25 mm × 25 mm grid. Nine sizes are available from 200 × 200 mm to 900 × 600 mm. Countersunk through holes allow the board to be screwed down to a table or base.

Key features

- Non-magnetic solid aluminum alloy plate, 13 mm thick
- Matte black, low-reflection working surface
- M6 tapped holes on a 25 mm × 25 mm grid, 25 mm from the edges
- Countersunk through holes for M6 screws (Φ11 mm counterbore, 7 mm deep) for simple installation
- Boards of 450 × 300 mm and larger also have a center M6 countersunk hole
- Weight about 3 kg per 300 mm × 300 mm
- Optional OTSB-HD100 breadboard handles and RBL mounting feet

Specifications

Material	Solid aluminum alloy, non-magnetic
Thickness	13 mm
Sizes	200 × 200 mm to 900 × 600 mm
Surface Flatness	0.3 mm / 600 mm × 600 mm
Surface Finish	Matte black, low reflection
Mounting Holes	M6
Hole Grid	25 mm × 25 mm
Hole to Border	25 mm
Countersunk Through Holes	For M6 screws, Φ11 mm counterbore, 7 mm deep
Weight	3 kg per 300 mm × 300 mm
Optional Accessories	OTSB-HD100 optical breadboard handles, RBL mounting feet

Model overview

Model	Length (mm)	Width (mm)	Thickness (mm)	Center M6 Countersunk Hole
OTSB2020-13	200	200	13	No
OTSB2030-13	300	200	13	No
OTSB3030-13	300	300	13	No
OTSB3045-13	450	300	13	Yes (D = 75 mm)
OTSB3060-13	600	300	13	Yes (D = 75 mm)
OTSB4545-13	450	450	13	Yes (D = 75 mm)
OTSB4560-13	600	450	13	Yes (D = 75 mm)
OTSB6060-13	600	600	13	Yes (D = 75 mm)
OTSB6090-13	900	600	13	Yes (D = 75 mm)

Typical applications

- Compact benchtop optical layouts
- Laser and imaging prototyping
- Setups requiring a non-magnetic mounting surface
- Sub-assemblies placed on larger optical tables