

Tabletop Optical Breadbord

OSDVIO-B

RoHS

Catalog Code

W6505

Application Systems

Optics & Optical Coatings

Opto-Mechanics

Bases

Manual Stages

Actuators & Adjusters

Motorized Stages

Light Sources & Laser Safety

Index

Guide

Vibration Isolation Systems

Optical Tables

Darkrooms/ Dark Boxes

Optical Bases

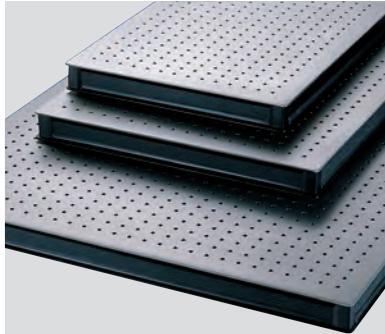
Posts

Brackets

Adapters

Tools

- Top plates are made of stainless steel (SUS430), bottom plates are made of hot rolled steel (SPHC). The core of the boards is comprised of plated steel honeycomb cores bonded with high strength adhesive.
- Honeycomb cores (size 3.2cm²) are made of 0.25mm thick plated steels giving maximized stiffness and extensive contact surface with two plates for high rigidity.
- Top plates are precisely grinded to minimize surface curves and pressure bonded to achieve excellent flatness.
- The M6 (1/4"-20) tapped holes are on a 25 mm matrix.
- Cylindrical cups are attached to the bottom of top skins for sealing tapped holes. This prevents the flow of any chemical substances into the honeycomb cores.

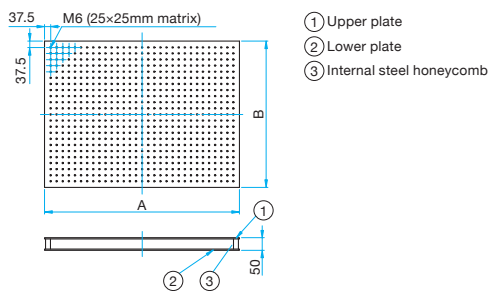


Attention

- ▶ To ensure optimal performance, rubber feet isolators should be used on the four corners, and used on a strong table frame to mount breadboard.
- ▶ Freight cost will be quoted separately. Use the carry-in route and installation environment question sheet.

Reference D016 Catalog Code W6001

Outline Drawing



Common Specifications

Honeycomb Material inside Bench	Plated steel honeycomb (0.25mm foil, 3.2cm ² cell size)
Bench Material	Upper plate: 4.0mm thickness 430 series ferro magnetic stainless steel plate, smooth sanded finish Lateral surface: 2.0mm thickness carbon steel plate with damped wood composite, vinyl convert finish Lower plate: 4.0mm thickness carbon steel plate epoxy painted finish
Bench Top Surface	M6 tapped holes on 25×25mm matrix over the entire surface (Leaving 37.5mm around the edges)
Bench Top Surface Finish	Unpainted (smooth sanded finish)
Surface Flatness	±0.1mm over 600mm square
Hole/Core Sealing	Easy clean cylindrical cup (25mm deep)

Part Number	A × B [mm]	T [mm]	Weight [kg]
OSDVIO-B-0504M-50t	500× 400	50	17
OSDVIO-B-0605M-50t	600× 500	50	26
OSDVIO-B-0606M-50t	600× 600	50	31
OSDVIO-B-0707M-50t	700× 700	50	49
OSDVIO-B-0806M-50t	800× 600	50	42
OSDVIO-B-0906M-50t	900× 600	50	47
OSDVIO-B-0907M-50t	900× 700	50	59
OSDVIO-B-0909M-50t	900× 900	50	70
OSDVIO-B-1006M-50t	1,000× 600	50	52
OSDVIO-B-1007M-50t	1,000× 700	50	65
OSDVIO-B-1009M-50t	1,000× 900	50	78
OSDVIO-B-1010M-50t	1,000×1,000	50	87
OSDVIO-B-1206M-50t	1,200× 600	50	63
OSDVIO-B-1207M-50t	1,200× 700	50	78
OSDVIO-B-1209M-50t	1,200× 900	50	94
OSDVIO-B-1210M-50t	1,200×1,000	50	104
OSDVIO-B-1212M-50t	1,200×1,200	50	125
OSDVIO-B-1506M-50t	1,500× 600	50	78
OSDVIO-B-1507M-50t	1,500× 700	50	98
OSDVIO-B-1509M-50t	1,500× 900	50	117
OSDVIO-B-1510M-50t	1,500×1,000	50	131
OSDVIO-B-1512M-50t	1,500×1,200	50	157
OSDVIO-B-1806M-50t	1,800× 600	50	94
OSDVIO-B-1807M-50t	1,800× 700	50	117
OSDVIO-B-1809M-50t	1,800× 900	50	141
OSDVIO-B-1812M-50t	1,800×1,200	50	188
OSDVIO-B-2010M-50t	2,000×1,000	50	174
OSDVIO-B-2012M-50t	2,000×1,200	50	209