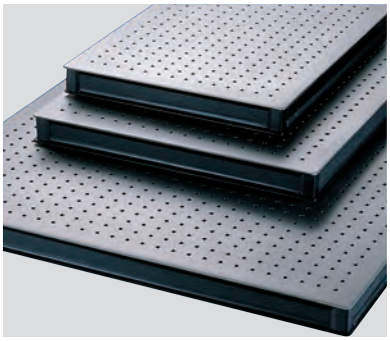
Tabletop Optical Breadbord | OSDVIO-B

RoHS Catalog Code W6505

- Top skins are made of stainless steel (SUS430), bottom skins are made of steel (SPHC). Plated steel honeycomb cores are sandwiched between top & bottom skins, all bonded with high strength adhesive.
- Honeycomb cores (size 3.2cm^2) are made of 0.25mm thick plated steels giving maximized stiffness and extensive contact surface with two plates for high rigidity.
- Top skins are precisely grinded to minimize surface curves, pressure bonded to achieve excellent top flatness.
- The M6 (1/4″-20) tapped holes are for mounting optical equipment or components, arranged in a regular interval 25mm (1″).
- Cylinderical cups are attached on the bottom of top skins for sealing tapped holes to prevent the inflow of any chemical substances into inside honeycomb cores.

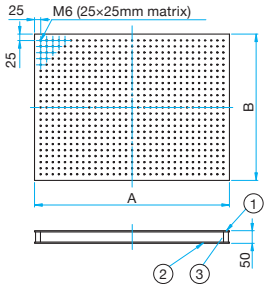


Attention

- To ensure optimal performance, always prepare rubber isolators to attach on the four corners, and use a strong table frame to mount the flat board.
- Unlike in the case of conventional optical laboratory benches, the flat boards are not sufficiently thick for their area. Select in accordance with the purpose and conditions of use.
- Because of the weight, delivery 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 (0.25m 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	750× 750	50	49
OSDVIO-B-0806M-50t	800× 600	50	42
OSDVIO-B-0906M-50t	900× 600	50	47
OSDVIO-B-0907M-50t	900× 750	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× 750	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× 750	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× 750	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× 750	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