

# Steel Honeycomb Surface Plates

## VB Series

VIBRATION ISOLATOR & CHAMBER PRODUCTS



**An Optical Space can be easily realized when puts this on your current table**

### Feature

- Having a large shearing modulus by implemented a 0.25mm thickness high density steel honeycomb core
- High stiffness and unique Damping Mechanism provide an excellent dynamic characteristics

High Density : 0. 288~0. 320 g / c m<sup>3</sup>  
 Shearing Modulus : 19300 k g f / c m<sup>2</sup>



Optional: Punching to the surface ( separate estimate )



Steel cups are welded to the back side of all tapping holes.  
 So no contamination to the honeycomb core generated by dust or liquid.

Cross section structure of Clean Top

### Specification

Model	VB-1007	VB-1010	VB-1207	VB-1209	VB-1210	VB-1510	VB-1512	VB-1809	VB-1810	VB-1812	VB-2010	VB-2012
plate dim. (mm)	1000 x 700	1000 x 1000	1200 x 700	1200 x 900	1200 x 1000	1500 x 1000	1500 x 1200	1800 x 900	1800 x 1000	1800 x 1200	2000 x 1000	2000 x 1200
plate thickness (mm)	109						209					
plate material	upper surface : magnetism stainless steel (SUS430) 5mm lower surface : stainless steel 4mm											
internal structure	Steel Honeycomb structure											
surface top	M6 x 25mm pitch · M6 x 50mm pitch											
weight (kg)	64	92	77	108	117	164	195	196	210	234	218	258

Model	VB-2412	VB-2415	VB-3012	VB-3015	VB-3612	VB-3615	VB-4012	VB-4015	VB-5012	VB-5015	VB-6012	VB-6015
plate dim. (mm)	2400 x 1200	2400 x 1500	3000 x 1200	3000 x 1500	3600 x 1200	3600 x 1500	4000 x 1200	4000 x 1500	5000 x 1200	5000 x 1500	6000 x 1200	6000 x 1500
plate thickness (mm)	209	210	309	310	309	310	309	310	409	410	409	410
plate material	upper surface : magnetism stainless steel (SUS430) 5mm lower surface : stainless steel 4mm											
internal structure	Steel Honeycomb structure											
surface top	M6 x 25mm pitch · M6 x 50mm pitch											
weight (kg)	317	395	450	570	550	680	615	755	884	1090	1060	1308

Other size plates are available to manufacture. Please contact us.