

RoHS Compliant

NBK®

No.E-9272

Low-Floor Type Vibration Isolation Plates

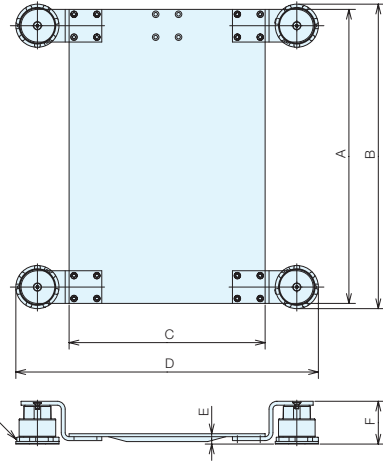
Material Insulated base mounts: ABS resin Insulated base: SPCC

Surface Treatment Insulated base: Black electrodeposited coating

- The height of the device installation surface is approximately 16 mm.
- Highly suitable for precision instruments that are averse to vibrations.
Dampens vibrations transmitted from the floor or table, allowing you to get the most out of precision measurement instruments such as high magnification microscopes and surface roughness testers.
- Level adjustment is easy using the height adjustment knob.

⚠ Cautions

- The insulated base should be placed on a horizontal surface.
- Vibration isolation cannot be guaranteed when outside the maximum allowable load.
- The base should be installed such that the load is applied vertically on the top.
- The base should be installed such that the load is applied evenly across the insulated base mounts.
Please consult us for details on support for off-center loads.



Mitsutoyo Compatible Model Chart

Low-Floor Type Vibration Isolated Plate No.	Compatible Models	Model
VLS3045-SJ401	Small surface roughness tester	SJ-401 SJ-402
		* Simple stand for the SJ-400 series (178-039)
VLS3858-070L	Hardness tester	HM-100 HM-200
VLS4560-SH	Surface roughness tester	SV-2100M4, S4 SV-3100S4, H4/S8, H8 SV-C3100S4, H4/S8, H8 SV-C4100S4, H4/S8, H8 * Upright stand for the SJ500 (178-085)
	Contour measuring instrument	CV-2100M4, S4, H4 CV-3100S4, H4/S8, H8 CV-4100S4, H4/S8, H8 * Upright stand for the CV-1000 (218-024)

Jig Set-up Systems (Q-lock)

Base Elements

Clamp Units

Clamping Parts

Mechanical Parts

Machine Vises

Surface Plates and Measurement Instruments

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Specifications

Order No.	No.	A	B	C	D	E	F	Weight (kg)	Allowable Load (N)
998090	VLS3045-010L	450	466	300	463	16 - 26	66 - 76	8.6	49 - 117
998091	VLS3045-020L								98 - 245
998092	VLS3045-030L								216 - 470
998093	VLS3045-070L								460 - 931
998094	VLS3045-100L	580	596	380	543	16 - 26	66 - 76	13.6	686 - 1323
998095	VLS3858-003L								0 - 68
998096	VLS3858-010L								49 - 196
998097	VLS3858-030L								157 - 412
998098	VLS3858-070L								392 - 882
998099	VLS3858-100L	588 - 1274							
105825	VLS4560-030L	600	616	450	613	17 - 27	66 - 76	17.5	108 - 372
105826	VLS4560-070L								363 - 872
105827	VLS4560-100L								539 - 1234

Mitsutoyo Specifications

Order No.	No.	A	B	C	D	E	F	Weight (kg)	Allowable Load (N)
100927	VLS3045-SJ401	450	466	300	458	25	75	6	258 - 590
120928	VLS3045HD-SJ411	450	466	300	458	16 - 26	66 - 76	8.8	258 - 590
119033	VLS3858-070HDM	580	596	380	543	16 - 26	66 - 76	13.8	392 - 882
102931	VLS4560-SH	600	616	450	613	17 - 27	66 - 76	18	863 - 1881

F: Usage height at lower limit of height adjustment. (Height adjustment range + 5mm)

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