

Spacers for 60 × 60 mm positioning stages.



- These spacers allow users to increase the height (thickness) of stages.
- Various thicknesses are available in 1mm increments.

Guide

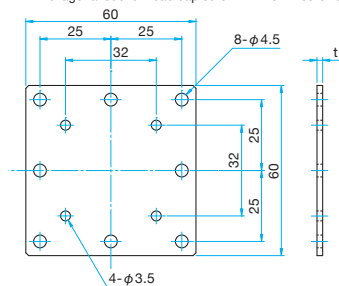
- Custom sizes not listed in the catalog can be purchased. Contact our Sales Division for more information.



Outline Drawing

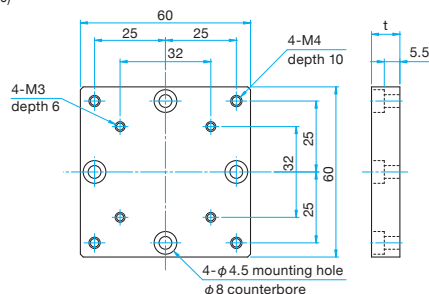
MSP-60 * *

- Hexagonal socket head cap screw M4x12...4 screws (6002)
Hexagonal socket head cap screw M4x14...4 screws (6003)
Hexagonal socket head cap screw M4x16...4 screws (6005)



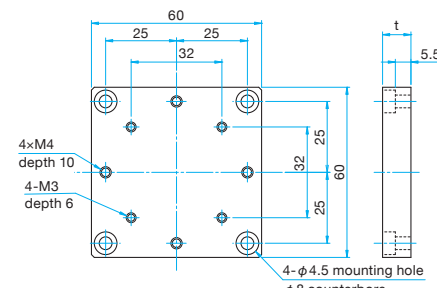
MSP-60 * * A

- Hexagonal socket head cap screw M4x10...4 screws



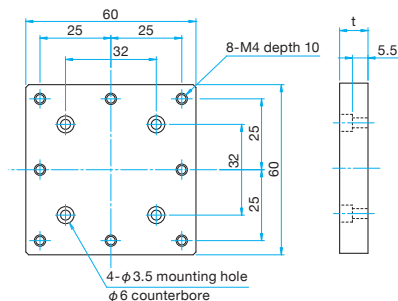
MSP-60 * * B

- Hexagonal socket head cap screw M4x10...4 screws

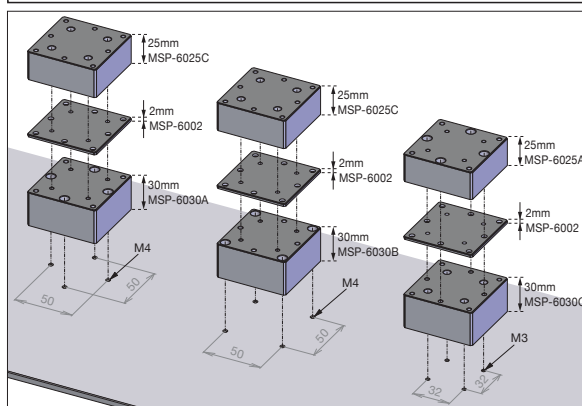


MSP-60 * * C

- Hexagon socket head cap screw M3x10...4 screws



Combination Example (Height: 57mm)



		Mounting Surface Pattern		
		P.C.D.50M4	50M4	32M3
Height (mm)	5	MSP-6005	MSP-6005	MSP-6005
	10	MSP-6010A	MSP-6010B	MSP-6010C
	15	Upper Lower	MSP-6005 MSP-6010B	MSP-6005 MSP-6010C
	20	Upper Lower	MSP-6010C MSP-6010B	MSP-6010A MSP-6010C
	25	Upper Lower	MSP-6010C MSP-6015B	MSP-6010A MSP-6015C
	30	Upper Lower	MSP-6010C MSP-6020B	MSP-6010A MSP-6020C
	35	Upper Lower	MSP-6010C MSP-6025B	MSP-6010A MSP-6025C
	40	Upper Lower	MSP-6010C MSP-6030B	MSP-6010A MSP-6030C
	45	Upper Lower	MSP-6015C MSP-6030B	MSP-6015A MSP-6030C
	50	Upper Lower	MSP-6020C MSP-6030B	MSP-6020A MSP-6030C
	55	Upper Lower	MSP-6025C MSP-6030B	MSP-6025A MSP-6030C
	60	Upper Lower	MSP-6030C MSP-6030B	MSP-6030A MSP-6030C
	65	Upper Middle	MSP-6030C MSP-6005	MSP-6030A MSP-6005

Specifications

Primary material: Aluminum
Finish: Black Anodized

Part Number	Thickness t [mm]	Weight [kg]
MSP-6001	1	0.01
MSP-6002	2	0.02
MSP-6003	3	0.03
MSP-6005	5	0.05
MSP-6010A	10	0.10
MSP-6010B	10	0.10
MSP-6010C	10	0.10
MSP-6015A	15	0.15
MSP-6015B	15	0.15
MSP-6015C	15	0.15
MSP-6020A	20	0.19
MSP-6020B	20	0.19
MSP-6020C	20	0.19
MSP-6025A	25	0.24
MSP-6025B	25	0.24
MSP-6025C	25	0.24
MSP-6030A	30	0.29
MSP-6030B	30	0.29

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