

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

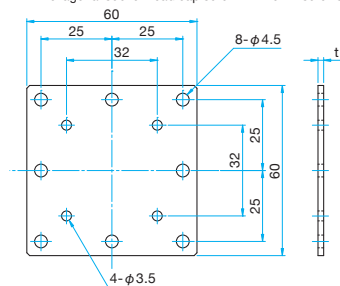
- ▶ Custom sizes not listed in the catalog can be purchased. Contact our Sales Division for more information.



Outline Drawing

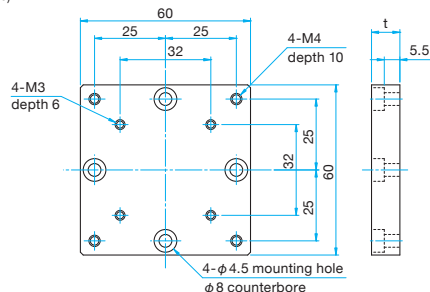
MSP-60**

- Hexagonal socket head cap screw M4×12...4 screws (6002)
- Hexagonal socket head cap screw M4×14...4 screws (6003)
- Hexagonal socket head cap screw M4×16...4 screws (6005)



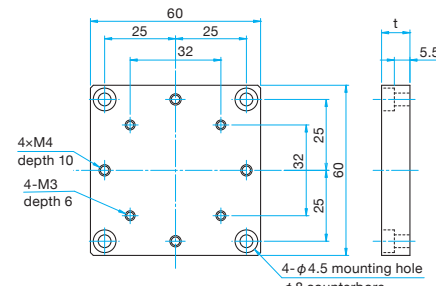
MSP-60**A

- Hexagonal socket head cap screw M4×10...4 screws



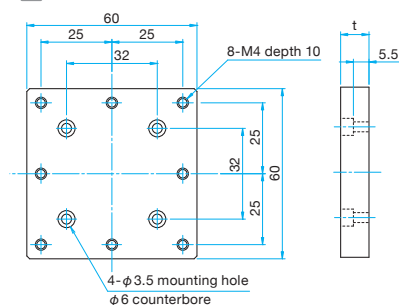
MSP-60**B

- Hexagonal socket head cap screw M4×10...4 screws

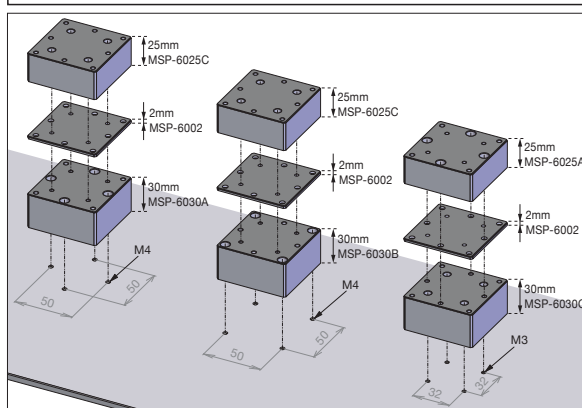


MSP-60**C

- Hexagon socket head cap screw M3×10...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	MSP-6005	MSP-6005	MSP-6005
		Lower	MSP-6010A	MSP-6010B	MSP-6010C
	20	Upper	MSP-6010C	MSP-6010C	MSP-6010A
		Lower	MSP-6010A	MSP-6010B	MSP-6010C
	25	Upper	MSP-6010C	MSP-6010C	MSP-6010A
		Lower	MSP-6015A	MSP-6015B	MSP-6015C
	30	Upper	MSP-6010C	MSP-6010C	MSP-6010A
		Lower	MSP-6020A	MSP-6020B	MSP-6020C
	35	Upper	MSP-6010C	MSP-6010C	MSP-6010A
		Lower	MSP-6025A	MSP-6025B	MSP-6025C
	40	Upper	MSP-6010C	MSP-6010C	MSP-6010A
		Lower	MSP-6030A	MSP-6030B	MSP-6030C
	45	Upper	MSP-6015C	MSP-6015C	MSP-6015A
		Lower	MSP-6030A	MSP-6030B	MSP-6030C
	50	Upper	MSP-6020C	MSP-6020C	MSP-6020A
		Lower	MSP-6030A	MSP-6030B	MSP-6030C
55	Upper	MSP-6025C	MSP-6025C	MSP-6025A	
	Lower	MSP-6030A	MSP-6030B	MSP-6030C	
60	Upper	MSP-6030C	MSP-6030C	MSP-6030A	
	Lower	MSP-6030A	MSP-6030B	MSP-6030C	
65	Upper	MSP-6030C	MSP-6030C	MSP-6030A	
	Middle	MSP-6005	MSP-6005	MSP-6005	
	Lower	MSP-6030A	MSP-6030B	MSP-6030C	

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
MSP-6030C	30	0.29