

Optical Baseplates Aluminum Spacers (25 × 25 mm)

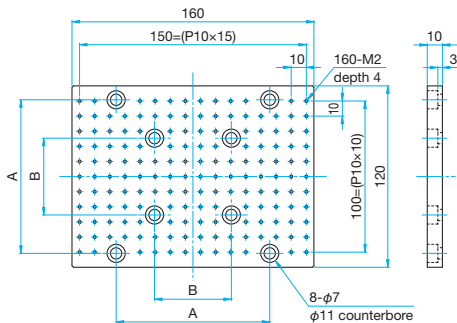
OBB/OBC
MSP-25



Outline Drawing

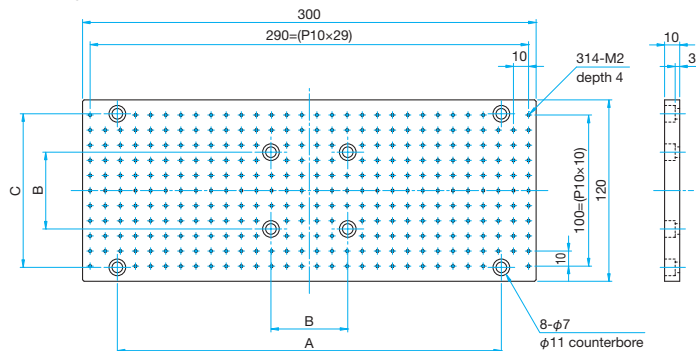
OBB-121EE/121UU

- Hexagonal socket headcap screw M6×10...4 screws (121EE)
Hexagonal socket headcap screw 1/4-20UNC×3/8...4 screws (121UU)



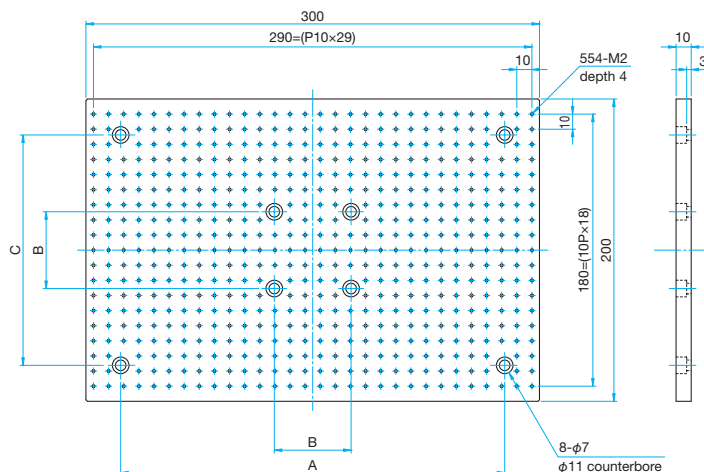
OBB-123EE/123UU

- Hexagonal socket headcap screw M6×10...4 screws (123EE)
Hexagonal socket headcap screw 1/4-20UNC×3/8...4 screws (123UU)



OBB-203EE/203UU

- Hexagonal socket headcap screw M6×10...4 screws (203EE)
Hexagonal socket headcap screw 1/4-20UNC×3/8...4 screws (203UU)



Specifications

Specifications						Primary material: Aluminum Finish: Black Anodized
Part Number	Size [mm]	Tapped Holes on Top Surface	A [mm]	B [mm]	C [mm]	Weight [kg]
OBB-121EE	120×160	M2	100	50	—	0.48
OBB-121UU	120×160	M2	101.6	50.8	—	0.48
OBB-123EE	120×300	M2	250	50	100	0.93
OBB-123UU	120×300	M2	254	50.8	101.6	0.93
OBB-203EE	200×300	M2	250	50	150	1.58
OBB-203UU	200×300	M2	254	50.8	152.4	1.58



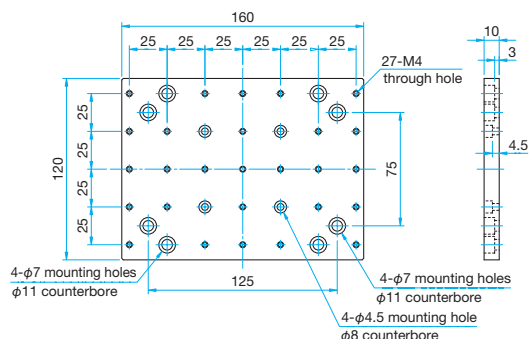
Example of baseplate usage



Outline Drawing

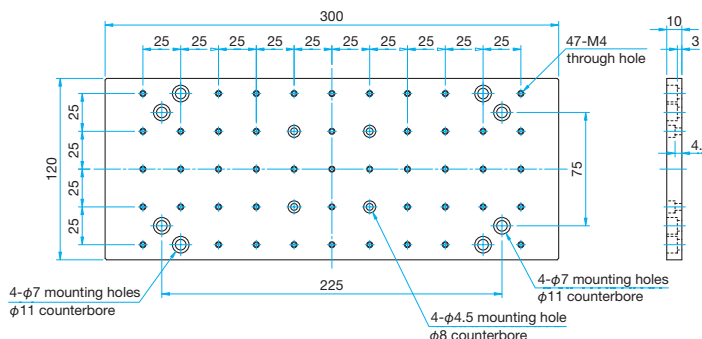
OBC-1216

Hexagonal socket headcap screw M6×10...8 screws, M4×12...4 screws



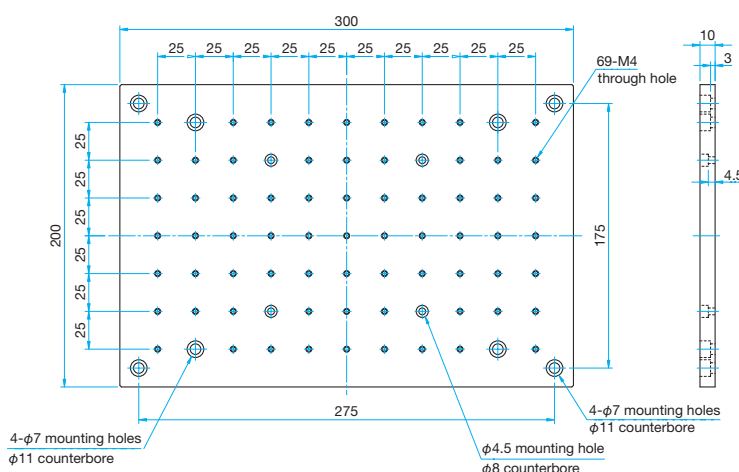
OBC-1230

Hexagonal socket headcap screw M6×10...8 screws, M4×12...4 screws



OBC-2030

Hexagonal socket headcap screw M6×10...8 screws, M4×12...4 screws



Specifications

Specifications			Primary material: Aluminum Finish: Black Anodized
Part Number	Size [mm]	Tapped Holes on Top Surface	Weight [kg]
OBC-1216	120×160	M4	0.48
OBC-1230	120×300	M4	0.93
OBC-2030	200×300	M4	1.58

MSP-25

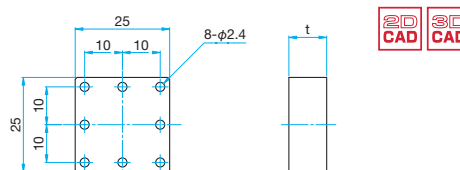
Spacers for 25mm positioning stages.



- These spacers allow users to increase the height (thickness) of stages.
- Various thicknesses are available in 5mm increments.

Outline Drawing

MSP-25



Specifications

Specifications			Primary material: Aluminum Finish: Black Anodized
Part Number	Thickness t [mm]	Weight [kg]	
MSP-2505	5	0.008	
MSP-2510	10	0.016	
MSP-2515	15	0.024	

Guide

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

Aluminum Spacers (40 × 40 mm)

MSP-40

RoHS

Spacers for 40 × 40 mm positioning stages.



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

Guide

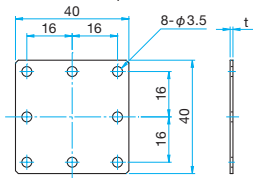
- Custom sizes not listed in the catalog can be purchased. Contact our Sales Division for more information.



Outline Drawing

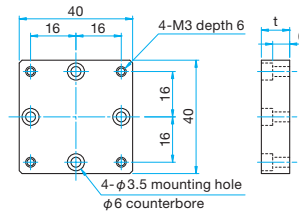
MSP-40* *

- Hexagon socket head cap screw M3×12...4 screws (4002)
Hexagon socket head cap screw M3×14...4 screws (4003)
Hexagon socket head cap screw M3×16...4 screws (4005)



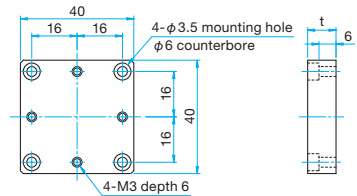
MSP-40* *A

- Hexagon socket head cap screw M3×10...4 screws

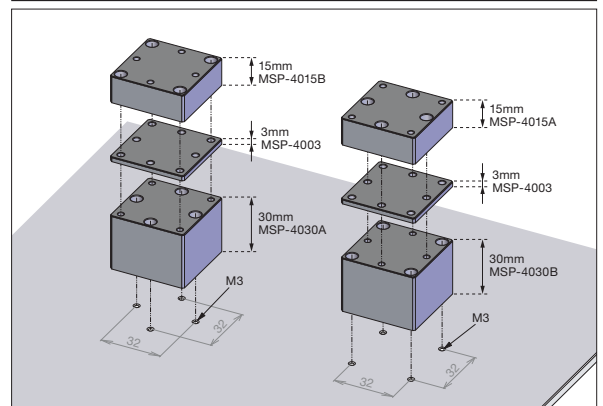


MSP-40* *B

- Hexagon socket head cap screw M3×10...4 screws



Combination Example (Height: 48mm)



		Mounting Surface Pattern	
		P.C.D.32M3	□32M3
Height (mm)	5	MSP-4005	MSP-4005
	10	MSP-4010A	MSP-4010B
	15	Upper MSP-4005 Lower MSP-4010A	Upper MSP-4005 Lower MSP-4010B
	20	Upper MSP-4010 Lower MSP-4010A	Upper MSP-4010A Lower MSP-4010B
	25	Upper MSP-4010 Lower MSP-4015A	Upper MSP-4010A Lower MSP-4015B
	30	Upper MSP-4010 Lower MSP-4020A	Upper MSP-4010A Lower MSP-4020B
	35	Upper MSP-4010 Lower MSP-4025A	Upper MSP-4010A Lower MSP-4025B
	40	Upper MSP-4010 Lower MSP-4030A	Upper MSP-4010A Lower MSP-4030B
	45	Upper MSP-4015 Lower MSP-4030A	Upper MSP-4015A Lower MSP-4030B
	50	Upper MSP-4020 Lower MSP-4030A	Upper MSP-4020A Lower MSP-4030B
	55	Upper MSP-4025 Lower MSP-4030A	Upper MSP-4025A Lower MSP-4030B
	60	Upper MSP-4030 Lower MSP-4030A	Upper MSP-4030A Lower MSP-4030B
	65	Upper MSP-4030 Middle MSP-4005 Lower MSP-4030A	Upper MSP-4030A Middle MSP-4005 Lower MSP-4030B

Specifications

Primary material: Aluminum
Finish: Black Anodized

Part Number	Thickness t [mm]	Weight [kg]
MSP-4001	1	0.004
MSP-4002	2	0.009
MSP-4003	3	0.01
MSP-4005	5	0.02
MSP-4010A	10	0.04
MSP-4010B	10	0.04
MSP-4015A	15	0.06
MSP-4015B	15	0.06
MSP-4020A	20	0.09
MSP-4020B	20	0.09
MSP-4025A	25	0.11
MSP-4025B	25	0.11
MSP-4030A	30	0.13
MSP-4030B	30	0.13

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

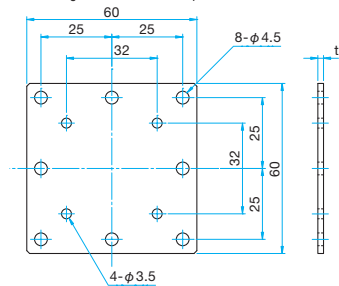
- Custom sizes not listed in the catalog can be purchased. Contact our Sales Division for more information.



Outline Drawing

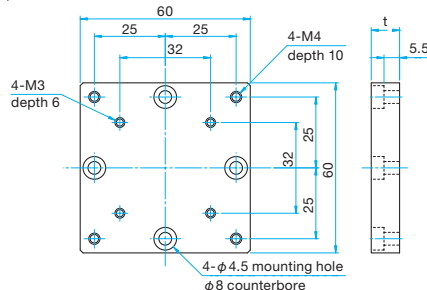
MSP-60* *

- 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)



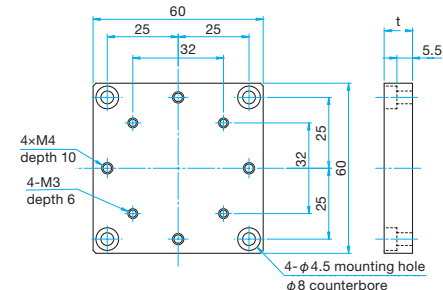
MSP-60* *A

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



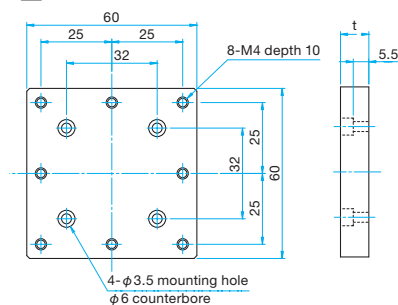
MSP-60* *B

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

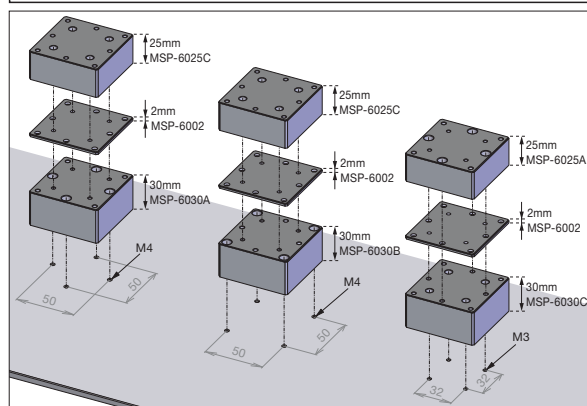


MSP-60* *C

- 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 MSP-6005	MSP-6005	MSP-6005
	15	Lower MSP-6010A	MSP-6010B	MSP-6010C
	20	Upper MSP-6010C	MSP-6010C	MSP-6010A
	20	Lower MSP-6010A	MSP-6010B	MSP-6010C
	25	Upper MSP-6010C	MSP-6010C	MSP-6010A
	25	Lower MSP-6015A	MSP-6015B	MSP-6015C
	30	Upper MSP-6010C	MSP-6010C	MSP-6010A
	30	Lower MSP-6020A	MSP-6020B	MSP-6020C
	35	Upper MSP-6010C	MSP-6010C	MSP-6010A
	35	Lower MSP-6025A	MSP-6025B	MSP-6025C
	40	Upper MSP-6010C	MSP-6010C	MSP-6010A
	40	Lower MSP-6030A	MSP-6030B	MSP-6030C
	45	Upper MSP-6015C	MSP-6015C	MSP-6015A
	45	Lower MSP-6030A	MSP-6030B	MSP-6030C
	50	Upper MSP-6020C	MSP-6020C	MSP-6020A
	50	Lower MSP-6030A	MSP-6030B	MSP-6030C
	55	Upper MSP-6025C	MSP-6025C	MSP-6025A
	55	Lower MSP-6030A	MSP-6030B	MSP-6030C
	60	Upper MSP-6030C	MSP-6030C	MSP-6030A
	60	Lower MSP-6030A	MSP-6030B	MSP-6030C
	65	Upper MSP-6030C	MSP-6030C	MSP-6030A
	65	Middle MSP-6005	MSP-6005	MSP-6005
	65	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