

Stand-Up Brackets

Square Standard, Square Right / Left Reversed

■ Features: Secure mounting with square shape bases.

Type	Material	Surface Treatment	Accessory
Counterbored Hole	General Structural Steel	Black Oxide	Hex Socket Head Cap Screw
Tapped Hole	General Structural Steel	Electroless Nickel Plating	Hex Socket Head Cap Screw (Stainless Steel)
SAQB	SBQB		
SAQM	SBQM		
SAQS			

Accessory: CB screws (P2-171) are included with black oxide products, and SCB screws (P2-173) are included with electroless nickel plated products.

Counterbored Hole Tapped Hole

Right / Left Reversed

Type	Material	Surface Treatment	Accessory
Counterbored Hole	General Structural Steel	Black Oxide	Hex Socket Head Cap Screw
Tapped Hole	General Structural Steel	Electroless Nickel Plating	Hex Socket Head Cap Screw (Stainless Steel)
SAQBK	SBQBK		
SAQMK			

Accessory: CB screws (P2-171) are included with black oxide products, and SCB screws (P2-173) are included with electroless nickel plated products.

Counterbored Hole Tapped Hole

Part Number	Type	A	B	C	F	f1	f2	f3	G	b	b1	h	m	H	MA	X	S	d	d1	Z	W	Included Screw
10	Counterbored Hole	40			28	9	19		11	5	8	4.6	M4	9	M4	4.75	9.5	5	8	4.6		M4-15, 2 pcs.
12	Tapped Hole	42	20	19	30	10	20	6	12	6	9.2	5.5	M5	12	M5	5.5	10	6	9.5	5.5	2	M5-15, 2 pcs.
15		50	22	21	38	14	24		16	7	11	6.5	M6	15	M6	7	15	7	11	6.5		M6-20, 2 pcs.
20		60	30	29	45	17.5	27.5	7.5	20	7	11	6.5	M6	17	M6	7	20	7	11	6.5		M6-25, 2 pcs.
25		65	35	34	50	20	30		25	9	14	9	M8	21	M8	9.5	25	9	14	9		M8-30, 2 pcs.
30		80	45	44	60	22.5	37.5	10	30	9	14	9	M8	24	M8	9.5	30	9	14	9		M8-35, 2 pcs.
35		85	50	49	65	25	40		35	11	17.5	11	M10	26	M10	12	35	11	17.5	11		M10-40, 2 pcs.
40		100	60	59	75	30	45	12.5	45					33	M10	14.5	40	11	17.5	11		M10-50, 2 pcs.
50		110	70	69	85	32.5	52.5		45					33	M10	14.5	40	11	17.5	11		M10-50, 2 pcs.

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■ Right / Left Reversed

Part Number	Type	A	B	C	F	f1	f2	f3	G	b	b1	h	m	H	MA	X	S	d	d1	Z	W	Included Screw
10	Counterbored Hole	40			28	9	19		11	5	8	4.6	M4	9	M4	4.75	9.5	5	8	4.6		M4-15, 2 pcs.
12	Tapped Hole	42	20	19	30	10	20	6	12	6	9.2	5.5	M5	12	M5	5.5	10	6	9.5	5.5	2	M5-15, 2 pcs.
15		50	22	21	38	14	24		16	7	11	6.5	M6	15	M6	7	15	7	11	6.5		M6-20, 2 pcs.
20		60	30	29	45	17.5	27.5	7.5	20	7	11	6.5	M6	17	M6	7	20	7	11	6.5		M6-25, 2 pcs.
25		65	35	34	50	20	30		25	9	14	9	M8	21	M8	9.5	25	9	14	9		M8-30, 2 pcs.
30		80	45	44	60	22.5	37.5	10	30	9	14	9	M8	24	M8	9.5	30	9	14	9		M8-35, 2 pcs.
35		85	50	49	65	25	40		35	11	17.5	11	M10	26	M10	12	35	11	17.5	11		M10-40, 2 pcs.
40		100	60	59	75	30	45	12.5	45					33	M10	14.5	40	11	17.5	11		M10-50, 2 pcs.
50		110	70	69	85	32.5	52.5		45					33	M10	14.5	40	11	17.5	11		M10-50, 2 pcs.

RoHS 10

Part Number	Type	A	B	C	F	f1	f2	f3	G	b	b1	h	m	H	MA	X	S	d	d1	Z	W	Included Screw
10	Counterbored Hole	40			28	9	19		11	5	8	4.6	M4	9	M4	4.75	9.5	5	8	4.6		M4-15, 2 pcs.
12	Tapped Hole	42	20	19	30	10	20	6	12	6	9.2	5.5	M5	12	M5	5.5	10	6	9.5	5.5	2	M5-15, 2 pcs.
15		50	22	21	38	14	24		16	7	11	6.5	M6	15	M6	7	15	7	11	6.5		M6-20, 2 pcs.
20		60	30	29	45	17.5	27.5	7.5	20	7	11	6.5	M6	17	M6	7	20	7	11	6.5		M6-25, 2 pcs.
25		65	35	34	50	20	30		25	9	14	9	M8	21	M8	9.5	25	9	14	9		M8-30, 2 pcs.
30		80	45	44	60	22.5	37.5	10	30	9	14	9	M8	24	M8	9.5	30	9	14	9		M8-35, 2 pcs.
35		85	50	49	65	25	40		35	11	17.5	11	M10	26	M10	12	35	11	17.5	11		M10-40, 2 pcs.
40		100	60	59	75	30	45	12.5	45					33	M10	14.5	40	11	17.5	11		M10-50, 2 pcs.
50		110	70	69	85	32.5	52.5		45					33	M10	14.5	40	11	17.5	11		M10-50, 2 pcs.

Stand-Up Brackets

Square Compact / Non-Flanged Side Mounting

■ Features: Installation footprint reduced by an average 28% compared to Square Standard (previous page).

Type	Material	Surface Treatment	Accessory
Counterbored Hole	General Structural Steel	Black Oxide	Hex Socket Head Cap Screw
Tapped Hole	General Structural Steel	Electroless Nickel Plating	Hex Socket Head Cap Screw (Stainless Steel)
CAQB	CBQB		
CAQM	CBQM		

Accessory: CB screws (P2-171) are included with black oxide products, and SCB screws (P2-173) are included with electroless nickel plated products.

Counterbored Hole Tapped Hole

Part Number	Type	A	B	C	F	f1	f2	f3	G	b	b1	h	m	H	MA	X	S	d	d1	Z	W	Included Screw
10	Counterbored Hole	40			28	9	19		11	5	8	4.6	M4	9	M4	4.75	9.5	5	8	4.6		M4-15, 2 pcs.
12	Tapped Hole	42	20	19	30	10	20	6	12	6	9.2	5.5	M5	12	M5	5.5	10	6	9.5	5.5	2	M5-15, 2 pcs.
15		50	22	21	38	14	24		16	7	11	6.5	M6	15	M6	7	15	7	11	6.5		M6-20, 2 pcs.
20		60	30	29	45	17.5	27.5	7.5	20	7	11	6.5	M6	17	M6	7	20	7	11	6.5		M6-25, 2 pcs.
25		65	35	34	50	20	30		25	9	14	9	M8	21	M8	9.5	25	9	14	9		M8-30, 2 pcs.
30		80	45	44	60	22.5	37.5	10	30	9	14	9	M8	24	M8	9.5	30	9	14	9		M8-35, 2 pcs.
35		85	50	49	65	25	40		35	11	17.5	11	M10	26	M10	12	35	11	17.5	11		M10-40, 2 pcs.
40		100	60	59	75	30	45	12.5	45					33	M10	14.5	40	11	17.5	11		M10-50, 2 pcs.
50		110	70	69	85	32.5	52.5		45					33	M10	14.5	40	11	17.5	11		M10-50, 2 pcs.

■ Compact Type Square Standard

■ Compact Type Square Compact

Installation footprint reduced by an average of 28%.

■ Features: Installation footprint reduced by an average of 52% compared to the conventional products on P2157.

Type	Material	Surface Treatment	Accessory
CLHB	General Structural Steel	Black Oxide	Hex Socket Head Cap Screw
CLHNM	General Structural Steel	Electroless Nickel Plating	Hex Socket Head Cap Screw (Stainless Steel)
CLHBM	Aluminum Alloy	Black Anodize	Hex Socket Head Cap Screw
CLHAM	Aluminum Alloy	Clear Anodize	Hex Socket Head Cap Screw
CLHS	SUS304	-	Hex Socket Head Cap Screw (Stainless Steel)

Accessory: CB screws (P2-171) are included with black oxide/black anodized products, and SCB screws (P2-173) are included with the other products, respectively.

Counterbored Hole Tapped Hole

Part Number	Type	A	B	M	S1	S2	h	H	E	d	d1	Z	MA	Included Screw	Unit Price
10	Counterbored Hole	35	35	M4	10	18	18	10.5	16	5	8	4.5	M4	M4-20, 2 pcs.	
12	Tapped Hole	38	38	M5	12	20	20	11.5	19	5.5	9.5	5.5	M5	M5-25, 2 pcs.	
15		45	40	M6	13	20	25	12.5	23					M6-35, 2 pcs.	
20		53	45	M6	18	25	30	15	30	6.6	11	6.5	M6	M6-40, 2 pcs.	
25		59	45	M8	17	33	18	18	35					M6-45, 2 pcs.	
30		67	60	M8	29	36	37	21	45	9	14	9	M8	M8-50, 2 pcs.	

It is useful when tapping is difficult due to weak attachment plates, such as plastic plates or thin plates.