

Hex Socket Head Cap Screws

Steel (Available in Single item)

When you need large quantities, box packaging is more economical. **P171**

CB

M Material SCM435(M2-M12) **S** Surface Treatment Black Oxide
H Hardness 38-43HRC(M2-M12) (Screw Precision JIS B 1176)
 Thread JIS B 0205 Class 2 (Strength Class 12.9 (M3-M12))

RoHS 10

MxP	A	E	B
2x0.4	3.8	2	1.5
2.5x0.45	4.5	2.5	2
2.6x0.45	4.5	2.6	2
3x0.5	5.5	3	2.5
4x0.7	7	4	3
5x0.8	8.5	5	4
6x1.0	10	6	5
8x1.25	13	8	6
10x1.5	16	10	8
12x1.75	18	12	10

* The strength class signifies the screw's tensile strength.
 (Ex.) 12.9
 This indicates that the minimum value for yielding point or proof stress is 90% of tensile strength.
 This indicates that the minimum value of tensile strength is 1220N/mm².
 (Ex.) 10.9
 This indicates that the minimum value for yielding point or proof stress is 90% of tensile strength.
 This indicates that the minimum value of tensile strength is 1040N/mm².

Reference: Dimensions of Counterbore and Cap Screw Hole for Hex Socket Head Cap Screws **P1891**

Part Number	ℓ	Unit Price
Type M- L		1 ~ 1000 pcs.
CB 2- 4	Studs - Fully Threaded	
5		
6		
8		
10		
12		
15		
CB 2.5- 4	Studs - Fully Threaded	
5		
6		
8		
10		
12		
15		
CB 2.6- 4	Studs - Fully Threaded	
5		
6		
8		
10		
12		
15		
CB 3- 5	Studs - Fully Threaded	
6		
8		
10		
12		
14		
15		
16	18	
18		
20		
22		
25		
30		
35		
40		
45		
50		
55		
CB 4- 5	Studs - Fully Threaded	
6		
8		
10		
12		
14		
15		
16	20	
18		
20		
22		
25		
30		
35		
40		
45		
50		
55		
60		

Part Number	ℓ	Unit Price
Type M- L		1 ~ 1000 pcs.
CB 5- 5	Studs - Fully Threaded	
6		
8		
10		
12		
14		
15	22	
16		
18		
20		
22		
25		
30		
35		
40		
45		
50		
55		
65	24	
70		
75		
80		
85		
90		
95		
CB 6- 6	Studs - Fully Threaded	
8		
10		
12		
14		
15		
16		
18		
20		
22		
25		
30		
35		
40		
45		
50		
55		
60		
65		
70		
75		
80		
85		
90		
95		

Part Number	ℓ	Unit Price
Type M- L		1 ~ 1000 pcs.
CB 8- 8	Studs - Fully Threaded	
10		
12		
15		
16		
18		
20	28	
22		
25		
30		
35		
40		
45		
50		
55		
60		
65		
70		
75		
CB 10- 10	Studs - Fully Threaded	
12		
15		
20		
25		
30		
35	32	
40		
45		
50		
55		
60		
65		
70		
CB 12- 15	Studs - Fully Threaded	
20		
25		
30		
35		
40		
45		
*50		

Screws larger and longer than M12 are listed on the catalog of Standard Components for Press Molds.

Ordering Example **Part Number** CB8-40