

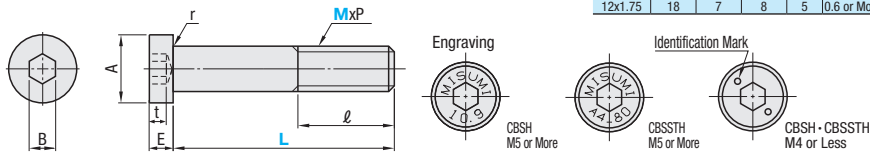
Note that, for some of the types shown here, order might be unable to be received by the MISUMI Thailand, Malaysia, Indonesia, and/or India offices.

Hex Socket Low Head Cap Screws



Type	Material	Hardness	Surface Treatment	Strength Class
CBSH (High Strength)	SCM435	32~39HRC	Black Oxide	10.9
CBS	S45C(M3-8-M12) SCM435(M10)	22~32HRC	Black Oxide	10.9
CBSSTH (High Strength)	SUS316L	-	-	A4-80 (8.8 Equivalent)
CBSST	SUS304 Equivalent	-	-	A2-50
BOX-CBSST				

MxP	A	E	B	t max.	r
2x0.4	3.8	1.3	1.3	1	0.1 or More
2.5x0.45	4.5	1.6	1.5	1.3	0.1 or More
3x0.5	5.5	2	2	1.5	0.1 or More
4x0.7	7	2.8	2.5	2.3	0.2 or More
5x0.8	8.5	3.5	3	2.7	0.2 or More
6x1.0	10	4	4	3	0.25 or More
8x1.25	13	5	5	3.8	0.4 or More
10x1.5	16	6	6	4.5	0.4 or More
12x1.75	18	7	8	5	0.6 or More



Available in Single item

Type	Part Number	M-L	Unit Price				
			CBSH	CBS	CBSSTH	CBSST	
CBSST	2-4	Studs - Fully Threaded	-	-	-	-	
	5	-	-	-	-	-	
	6	-	-	-	-	-	
	2.5-4	Studs - Fully Threaded	-	-	-	-	
	5	-	-	-	-	-	
	6	-	-	-	-	-	
	8	-	-	-	-	-	
	10	-	-	-	-	-	
	CBSH CBS CBSSTH CBSST	3-4	Studs - Fully Threaded	-	-	-	-
		5	-	-	-	-	-
6		-	-	-	-	-	
8		-	-	-	-	-	
10		-	-	-	-	-	
12		-	-	-	-	-	
16		-	-	-	-	-	
20		-	-	-	-	-	
4-5		Studs - Fully Threaded	-	-	-	-	
6		-	-	-	-	-	
CBSH CBS CBSSTH CBSST	5-5	Studs - Fully Threaded	-	-	-	-	
	6	-	-	-	-	-	
	8	-	-	-	-	-	
	10	-	-	-	-	-	
	12	-	-	-	-	-	
	16	-	-	-	-	-	
	20	-	-	-	-	-	
	25	-	-	-	-	-	
	6-8	Studs - Fully Threaded	-	-	-	-	
	10	-	-	-	-	-	
CBSH CBS CBSSTH CBSST	8-10	Studs - Fully Threaded	-	-	-	-	
	12	-	-	-	-	-	
	16	-	-	-	-	-	
	20	-	-	-	-	-	
	25	-	-	-	-	-	
	30	-	-	-	-	-	
	35	-	-	-	-	-	
	40	-	-	-	-	-	
	45	-	-	-	-	-	

Type	Part Number	M-L	Unit Price	
			CBS	CBSST
CBS CBSST	10-16	Studs - Fully Threaded	-	-
	20	-	-	-
	25	-	-	-
	30	-	-	-
	35	-	-	-
	40	-	-	-
	45	-	-	-
	50	-	-	-
	12-20	Studs - Fully Threaded	30	40
	25	-	-	-
30	-	-	-	
35	-	-	-	
40	-	-	-	
45	-	-	-	
50	-	-	-	

Type	Part Number	M-L	l	Unit Price		Pcs./Box
				Price per pkg.	1 Box	
BOX-CBSST (Stainless Steel)	3-6	Studs - Fully Threaded	-	-	-	1000 pcs./Box
	8	-	-	-	-	-
	10	-	-	-	-	-
	12	-	-	-	-	-
	16	-	-	-	-	-
	20	-	-	-	-	-
	4-6	Studs - Fully Threaded	-	-	-	1000 pcs./Box
	8	-	-	-	-	-
	10	-	-	-	-	-
	12	-	-	-	-	-
16	-	-	-	-	-	
20	-	-	-	-	-	
5-8	Studs - Fully Threaded	-	-	-	500 pcs./box	
10	-	-	-	-	-	
12	-	-	-	-	-	
16	-	-	-	-	-	
20	-	-	-	-	-	
6-8	Studs - Fully Threaded	-	-	-	500 pcs./box	
10	-	-	-	-	-	
12	-	-	-	-	-	
16	-	-	-	-	-	
20	-	-	-	-	-	
25	-	-	-	-	-	
8-10	Studs - Fully Threaded	-	-	-	300 pcs./box	
12	-	-	-	-	-	
16	-	-	-	-	-	
20	-	-	-	-	-	
25	-	-	-	-	-	
30	-	-	-	-	-	

Ordering Example: Part Number CBSST4-10

Mechanical Properties (Reference)

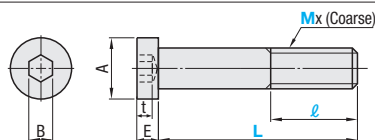
Type	Tensile Strength (N/mm ²)	0.2% Proof Stress (N/mm ²)	Corrosion Resistance	Nonmagnetic
CBSH	1040	900	△	×
CBS	800	640	△	×
CBSSTH	800	640	○	○
CBSST	500	210	○	○

○: Excellent △: Good △: Questionable ×: Inferior

Length Configurable Hex Socket Low Head Cap Screws



Type	Material	Surface Treatment	Strength Class
FCBS	S45C	Black Oxide	8.8
FCBSM		Electroless Nickel Plating	
FCBSST	SUS304 Equivalent	-	A2-50



Type	Part Number	M (Coarse)	L 1mm Increment	l 1mm Increment	A	E	B	t max.	Unit Price					
									L10-50			51-L Max.		
									FCBS	FCBSM	FCBSST	FCBS	FCBSM	FCBSST
FCBS FCBSM FCBSST	4	4	10-50	10~40 * l ≤ L	7	2.8	2.5	2.3						
	5	5	10-60		8.5	3.5	3	2.7						
	6	6	10-80		10	4	4	3						
	8	8	10-90		13	5	5	3.8						

* When l=L, there will be incomplete threads (2 pitches Max.) below the screw head

Ordering Example: Part Number FCBS8 - L 38 - l 10