

Hex Socket Head Cap Screws / Hex Socket Head Cap Screws with Hole

With Threadlocker Adhesive

Hex Socket Head Cap Screws - With Threadlocker Adhesive

Type	Material	Surface Treatment	Hardness	Strength Class	MxP	A	E	B
LB	SCM435	Black Oxide	38-43HRC	12.9	4x0.7	7	4	3
SUSLB	SUS304 Equivalent	-	-	A2-70	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

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*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) A2-70 This indicates that the minimum value of tensile strength is 700N/mm².
The steel class is A2 (Austenitic Stainless Steel).

⚠️Loosening Prevention Treatment- This treatment applies the special plastic excellent in elasticity, abrasion resistance and oil resistance to the thread grooves. It can be used repeatedly with a lubricant. The effect is most pronounced at the first use, and will gradually decrease after that.

Part Number	M-L	l	LB		SUSLB	
			Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
LB	4-8	Studs - Fully Threaded				
SUSLB	10					
	12					
	15					
	20					
	25	28				
LB	5-10					
SUSLB	12					
	15					
	20					
	25	32				
LB	12-15					
SUSLB	15					
	20					
	25					
	30	36				
LB	6-10					
SUSLB	15					
	20					
	25					

Part Number	M-L	l	LB		SUSLB	
			Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
LB	8-15	Studs - Fully Threaded				
SUSLB	12					
	15					
	20					
	25					
	30	28				
LB	10-20					
SUSLB	25					
	30					
	35					
	40	32				
LB	25					
SUSLB	30					
	35					
	40					
	45	36				
LB	12-25					
SUSLB	30					
	35					
	40					

⚠️No specifications available for sizes with no prices shown. ⚠️For orders larger than indicated quantity, please check with WOS.

Ordering Example
Part Number
LB8-40

⚠️No specifications available for sizes with no prices shown. ⚠️For orders larger than indicated quantity, please check with WOS.

Hex Socket Head Cap Screws with Hole

Type	Material	Surface Treatment	Hardness	Strength Class	MxP	A	E	B
CBLH	SCM435	Black Oxide	22-32HRC	B.8 Equivalent	6x1.0	10	6	5
SCBLH	SUS304 Equivalent	-	-	A2-70 Equivalent	8x1.25	13	8	6
					10x1.5	16	10	8
					12x1.75	18	12	10

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⚠️Put wire through the hole in the screw head to prevent the screw from loosening or falling off.

Part Number	M-L	l	CBLH		SCBLH	
			Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
CBLH	6-10	Studs - Fully Threaded				
SCBLH	15					
	20					
	25					
	30					
	35	24				
CBLH	8-12					
SCBLH	15					
	20					
	25					
	30	28				
CBLH	10-20					
SCBLH	25					
	30					
	35					
	40	32				
CBLH	12-25					
SCBLH	35					
	40					
	45					

⚠️No specifications available for sizes with no prices shown. ⚠️For orders larger than indicated quantity, please check with WOS.

Tapped Socket Head Screws

Type	Material	Surface Treatment	Strength Class
TSCB	SUS304 Equivalent	-	A2-50 Equivalent

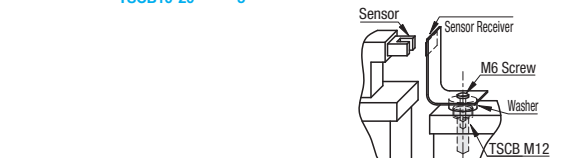
RoHS10

⚠️Cap Screws with Tapped Hole are Coarse Full Thread.

Part Number	M1 (Coarse)-L	M2 (Coarse) (Tap Size)	A	E	B	TSCB	
						Unit Price	Volume Discount Rate
TSCB	6-10	3	10	6	5		
	12						
	16						
	20						
	25						
	30	4	13	8	6		
	8-10						
	16						
	25						
	30						
	35	4	16	10	8		
	10-16						
	20						
	25						
	30						
	35	6	18	12	10		
	12-20						
	20						
	25						
	30						
	35	8	24	16	14		
	16-30						
	20						
	25						
	30						

⚠️For orders larger than indicated quantity, please check with WOS.

Space Saving
It can be used when space is limited or when two or more holes in installation seat are not needed.



Hex Socket Head Cap Screws / Cover Caps

Fine Thread / Left-Hand Thread

Hex Socket Head Cap Screws Fine Thread

Type	Material	Surface Treatment	Hardness	Strength Class
CBPK	SCM435	Black Oxide	39-44HRC	12.9
SCBPK	SUS304 Equivalent	-	-	A2-70

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Part Number	M-L	MxP	l	A	E	B	CBPK		SCBPK	
							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
CBPK	6-10	6	x	10	6	5				
SCBPK	12									
	15									
	20									
	25									
CBPK	8-12	8	x	13	8	6				
SCBPK	15									
	20									
	25									
	30									
CBPK	10-15	10	x	16	10	8				
SCBPK	20									
	25									
	30									
	35									
CBPK	12-20	12	x	18	12	10				
SCBPK	25									
	30									
	35									
	40									

* SCBPK is Full Thread Type.

Ordering Example
Part Number
CBPK6-15
SCBPK8-20

For Hex Socket Cap Screws

BTCSW (White)
BTCSB (Black)

RoHS10

Material: Polyacetal (White / Black)

Part Number	Type	Applicable Screw No.	D	D1	D2	D2 Tolerance	d	h	h1	t	Unit Price
		4	M4	6	2	3	+0.20	2.1	1.1	0.3	1.5
		5	M5	7.5	3	4	+0.10	3.1	1.3	0.4	2
		6	M6	9	4	5		4.1	1.5	0.4	2.3
		8	M8	12	5	6	+0.25	4.8	1.8	0.5	2.8
		10	M10	15	6	8	+0.15	6.7	2	0.5	3.4
		12	M12	17	8	10		8.7	2.2	0.6	3.5

⚠️For orders larger than indicated quantity, please check with WOS.

Ordering Example
Part Number
BTCSW6
BTCSB6

It covers the hex hole of a Hex socket head cap screw and prevents dust accumulation.
Available in white and black for identification.
Please note that repetitive screwing and unscrewing causes gradual loosening.

Hex Socket Head Cap Screws Left-Hand Thread

Type	Material	Surface Treatment	Hardness	Strength Class
BCBL	SCM435	Black Oxide	38-43HRC	12.9 Equivalent
SCBL	SUS304 Equivalent	-	-	A2-70 Equivalent

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Part Number	M-L	MxP	A	E	B	BCBL		SCBL	
						Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
BCBL	4-10	4	x	7	4	3			
SCBL	12								
	15								
	20								
	25								
BCBL	5-10	5	x	8.5	5	4			
SCBL	12								
	15								
	20								
	25								
BCBL	6-10	6	x	10	6	5			
SCBL	12								
	15								
	20								
	25								
BCBL	8-15	8	x	13	8	6			
SCBL	20								
	25								
	30								
	35								
BCBL	10-20	10	x	16	10	8			
SCBL	25								
	30								
	40								
	45								
BCBL	12-20	12	x	18	12	10			
SCBL	25								
	30								
	40								
	45								

⚠️No specifications available for sizes with no prices shown.

Cover Caps for Counterbore Holes

MTCSW (White)
MTCSB (Black)
MTCS (Transparent)

M	D2 Tolerance	R
M3	+0.3 +0.1	0.2
M4, 5	+0.4 +0.2	
M6-12	+0.5 +0.3	0.5

Material: Ether Type Urethane Shore A90

Part Number	Type	No.	Applicable Screw	D	D1	D2	d	h	h1	t	Unit Price
			4	M4	10	8	3	1.5	1	0.2	1.7
			5	M5	12	9.5	4	2.5	1	0.2	2.2
			6	M6	14	11	5	3.5	1.3	0.3	2.7
			8	M8	17	13.5	6	4.8	1.5	0.3	3.5
			10	M10	21	16	8	6.5	2	0.4	4
			12	M12	23	17	10	8.5	2.5	0.5	5

Ordering Example
Part Number
MTCSW
MTCSB
MTCS

It is excellent in hydrolysis-proof.
Ether type urethane is applicable to following test methods.
Japanese Food Sanitation Law, Standard for Foods and Additives (Ministry of Health and Welfare Notification No.370, 1959)
Rubber Apparatus or Container and Package (Except nursing apparatus) (No.85 Notification of the Ministry of Health and Welfare, Japan 1986)