

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

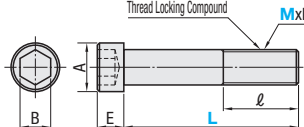
With Threadlocker Adhesive

Hex Socket Head Cap Screws - With Threadlocker Adhesive



RoHS10

Type	Material	Surface Treatment	Hardness	Strength Class
LB	EN 1.7220 Equiv.	Black Oxide	38~43HRC	12.9
SUSLB	EN 1.4301 Equiv.	-	-	A2-70



Thread Locking Compound

M x P

B

E

L

ℓ

*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		ℓ	LB		SUSLB	
Type	M-L		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
LB SUSLB	4-8	Studs - Fully Threaded				
	10					
	12					
	15					
	20					
	25					
LB SUSLB	5-10	Studs - Fully Threaded				
	12					
	15					
	20					
	25					
	30					
LB SUSLB	6-10	Studs - Fully Threaded				
	15					
	20					
	25					
	30					
	35					

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

Ordering Example

Part Number

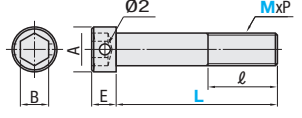
LB8-40

Hex Socket Head Cap Screws with Hole



RoHS10

Type	Material	Surface Treatment	Hardness	Strength Class
CBHL	EN 1.7220 Equiv.	Black Oxide	22~32HRC	A2-50 Equiv.
SCBLH	EN 1.4301 Equiv.	-	-	A2-70 Equiv.



M x P

B

E

L

ℓ

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

Wire

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

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

Part Number		ℓ	LB		SUSLB	
Type	M-L		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
LB SUSLB	8-15	Studs - Fully Threaded				
	20					
	25					
	30					
	35					
	40					
LB SUSLB	10-20	Studs - Fully Threaded				
	25					
	30					
	35					
	40					
	45					
LB SUSLB	12-25	Studs - Fully Threaded				
	30					
	35					
	40					
	45					
	50					

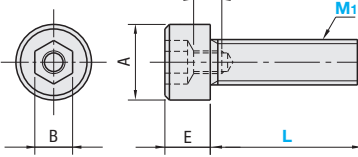
⚠️No specifications available for sizes with no prices shown.⚠️For orders larger than indicated quantity, please check with WOS.

Tapped Socket Head Screws



RoHS10

Type	Material	Surface Treatment	Strength Class
TSCB	EN 1.4301 Equiv.	-	A2-50 Equiv.



M2x1.5

M1

B

E

L

ℓ

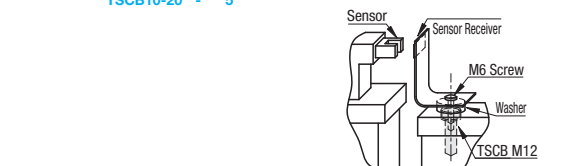
⚠️Cap Screws with Tapped Head are Coarse Full Thread.

Part Number		M2 (Coarse) (Tap Size)	A	E	B	TSCB	
Type	M1 (Coarse)-L					Unit Price	Volume Discount Rate
TSCB	6-10	3	10	6	5		
	12						
	16						
	20						
	25						
	30						
TSCB	8-10	4	13	8	6		
	16						
	25						
	30						
	35						
	40						
TSCB	10-16	5	16	10	8		
	20						
	25						
	30						
	35						
	40						

⚠️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



RoHS10

Type	Material	Surface Treatment	Hardness	Strength Class
CBPK	EN 1.7220 Equiv.	Black Oxide	39~44HRC	12.9
SCBPK	EN 1.4301 Equiv.	-	-	A2-70



M x P

B

E

L

ℓ

Part Number		M x P	ℓ	A	E	B	CBPK		SCBPK	
Type	M-L						Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
CBPK SCBPK	6-10	6 x 0.75	Studs - Fully Threaded	10	6	5				
	12									
	15									
	20									
	25									
	30									
CBPK SCBPK	8-12	8 x 1.0	Studs - Fully Threaded	13	8	6				
	15									
	20									
	25									
	30									
	35									
CBPK SCBPK	10-15	10 x 1.25	Studs - Fully Threaded	16	10	8				
	20									
	25									
	30									
	35									
	40									
CBPK SCBPK	12-20	12 x 1.25	Studs - Fully Threaded	18	12	10				
	25									
	30									
	35									
	40									
	50									

⚠️* SCBPK is Full Thread Type.

Ordering Example

Part Number

CBPK6-15

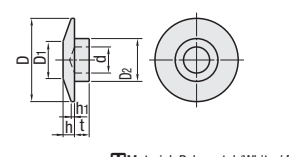
SCBL8-20

For Hex Socket Cap Screws



RoHS10

Type	Material	Surface Treatment	Strength Class
BTCSW	EN 1.7220 Equiv.	Black Oxide	39~44HRC
BTCSB	EN 1.4301 Equiv.	-	A2-70



BTCSW (White)

BTCSB (Black)

D

D1

D2

d

h

h1

t

Material: Polyacetal (White / Black)

Part Number	Type	No.	Applicable Screw	D	D1	D2	D2 Tolerance	d	h	h1	t	Unit Price
BTCSW BTCSB		3	M3	4.5	1.5	2.5	+0.13 +0.08	1.7	1	0.3	1.3	
		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	+0.10	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	
BTCSW BTCSB		12	M12	17	8	10		8.7	2.2	0.6	3.5	

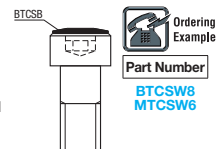
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Example

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



RoHS10

Type	Material	Surface Treatment	Hardness	Strength Class
BCBL	EN 1.7220 Equiv.	Black Oxide	3	