

Hex Socket Head Cap Screws for Aluminum Extrusions - Single Item / Bulk Packages

■ Features: Standard screws to connect various brackets for wide range of applications.

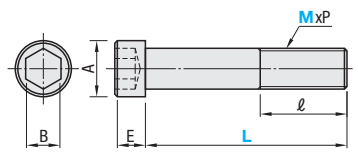
Hex Socket Head Cap Screws



Type	Material	Surface Treatment
CBM	SCM435	Bright Chromate Plating
SCB	SUS304 Equivalent	-
HCBMTB	SCM435	Trivalent Chromate (Black)

CBM (Bright Chromate Plating)
 SCB (Stainless Steel)
 HCBMTB (Trivalent Chromate, Black)

Ⓜ Part Number [] is not RoHS compliant.

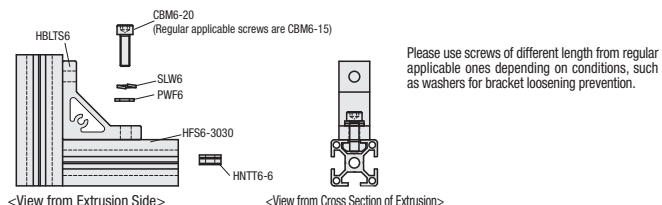


ℓ	Part Number	MxP	A	E	B	CBM		SCB			HCBMTB		
						Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate		
Full Thread	CBM 3 - 18	3x0.5	5.5	3	2.5	1-99 pcs.	100-500	1-9 pc(s).	10-29	30-99	100-500	1-99 pc(s).	100-500
	SCB 35					-	-	-	-	-	-	-	-
	HCBMTB					-	-	-	-	-	-	-	-
Full Thread	CBM 4 - 18	4x0.7	7	4	3	-	-	-	-	-	-	-	-
	SCB 22					-	-	-	-	-	-	-	
	HCBMTB 45					-	-	-	-	-	-	-	
Full Thread	CBM 5 - 6	5x0.8	8.5	5	4	-	-	-	-	-	-	-	-
	SCB 8					-	-	-	-	-	-	-	
	HCBMTB 10					-	-	-	-	-	-	-	
	14					-	-	-	-	-	-	-	
	18					-	-	-	-	-	-	-	
	22					-	-	-	-	-	-	-	
Full Thread	CBM 6 - 8	6x1.0	10	6	5	-	-	-	-	-	-	-	-
	SCB 12					-	-	-	-	-	-	-	
	HCBMTB 14					-	-	-	-	-	-	-	
	15					-	-	-	-	-	-	-	
	16					-	-	-	-	-	-	-	
	20					-	-	-	-	-	-	-	
Full Thread	CBM 8 - 12	8x1.25	13	8	6	-	-	-	-	-	-	-	-
	SCB 15					-	-	-	-	-	-	-	
	HCBMTB 18					-	-	-	-	-	-	-	
	20					-	-	-	-	-	-	-	
	22					-	-	-	-	-	-	-	
	25					-	-	-	-	-	-	-	
28	-	-	-	-	-	-	-	-					

Ⓜ For other specs., see P174, 176.

Ordering Example Part Number CBM6-8

EX Example

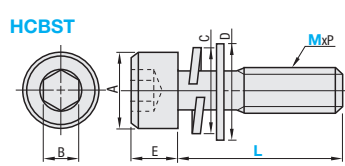


■ Features: Screws with washers have optimum shank lengths for extrusion connections using brackets.

Screws with Captured Spring Washer



Screw	Material	Surface Treatment
	Structural Alloy Steel	-
	Hardness: 32-44HRC	-
	*Strength Class 10.9 JIS 0209 (6g)	-
Washer	Spring Washer JIS B1251	-
	Flat Washer JIS B1256	-
Surface Treatment	Trivalent Chromate	-



Ordering Example Part Number HCBST6-15

Type	M - L	MxP	A	E	B	C	D	HCBST	
								Unit Price	Volume Discount Rate
HCBST	5 - 12	5x0.8	8.5	5	4	8.5	10	1-99 pc(s).	100-300
	16							-	-
	6 - 15							-	-
	20	6x1.0	10	6	5	11.5	12.5	-	-
	25							-	-
	8 - 20	8x1.25	13	8	6	14.5	17	-	-
24	-							-	
29	-							-	

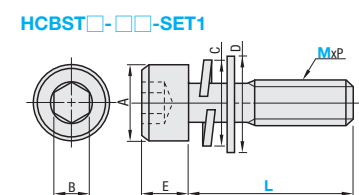
Ⓜ For Hex Socket Head Cap Screws with Captured Spring Washer of stainless steel with black oxide film, see P178.

■ Features: Bulk Packages of Screws with Captured Spring Washer HCBST. Bulk packages are cost effective for in-house stocks and large quantity use.

Screws with Captured Spring Washer Bulk Packages (500 pcs. per Package)



Screw	Material	Surface Treatment
	Structural Alloy Steel	-
	Hardness: 32-44HRC	-
	*Strength Class 10.9	-
	JIS 0209(6g)	-
Washer	Spring Washer JIS B1251	-
	Flat Washer JIS B1256	-
Surface Treatment	Trivalent Chromate	-



Type	Part Number	MxP	A	E	B	C	D	Height of Spring Washer and Flat Washer when Tightened (Ref.)	Package Price	Price per 1 pc.
HCBST	5 - 12	5x0.8	8.5	5	4	8.5	10	2.3		
	16									
	6 - 15									
	20									
	25									
	8 - 20									
24	6x1.0	10	6	5	11.5	12.5	3.1			
29										
		8x1.25	13	8	6	14.5	17	3.6		

Ordering Example Part Number HCBST6-15-SET1

List of Hex Socket Head Cap Screws with Captured Washer for each Bracket

Extrusion	Bracket	Hex Socket Head Cap Screws with Captured Washer	Bracket (With Tapped Hole)	Hex Socket Head Cap Screws with Captured Washer
HFS5 Series	HBLFSL5	Not applicable	HBLFSL5-C	Not applicable
	HBLFSN5	HCBST5-12	HBLFSN5-C	HCBST5-12
	HBLFSSW5	Not applicable	HBLFSSW5-C	Not applicable
	HBLFSD5	HCBST5-12	HBLFSD5-C	HCBST5-12
	HBLFUD5	HCBST5-16	HBLFUD5-C	HCBST5-16
	HBLT□5	HCBST5-12	HBLT□5-C	HCBST5-12
	HBLU□5	HCBST5-16	HBLU□5-C	HCBST5-16
	HBL□5	Not applicable	-	-
	HBLFSNT5 (With Cover)	Not applicable	HBLFSNT5-C (With Cover)	Not applicable
	HFS6 Series	HBLFSL6	Not applicable	HBLFSL6-C
HBLFSN6		Not applicable	HBLFSN6-C	Not applicable
HBLFS6		HCBST6-15	HBLFS6-C	HCBST6-15
HBLFSSW6(-50)		HCBST6-15	HBLFSSW6(-50)-C	HCBST6-15
HBLFSD6		Not applicable	HBLFSD6-C	Not applicable
HBLFSD6		Not applicable	HBLFSD6-C	Not applicable
HBLSDW6(-50)		HCBST6-15	HBLSDW6(-50)-C	HCBST6-15
HBLFTD6(-50)		HCBST6-20	HBLFTD6(-50)-C	HCBST6-20
HBLFUD6(-50)		HCBST6-25	HBLFUD6(-50)-C	HCBST6-25
HBLT□6(-50)		HCBST6-20	HBLT□6(-50)-C	HCBST6-20
HBLU□6(-50)		HCBST6-25	HBLU□6(-50)-C	HCBST6-25
HBL□6(-50)		Not applicable	-	-
HBLD□6 (Triangle)		Not applicable	-	-
HBLFSNT6 (With Cover)		Not applicable	HBLFSNT6-C (With Cover)	Not applicable
HFS8 Series	HBLFSN8(-45)	HCBST8-24	HBLFSN8(-45)-C	HCBST8-24
	HBLFS8	HCBST8-24	HBLFS8-C	HCBST8-24
	HBLFSSW8(-45)	HCBST8-24	HBLFSSW8(-45)-C	HCBST8-24
	HBLFSD8	HCBST8-24	HBLFSD8-C	HCBST8-24
	HBLFTD8	HCBST8-24	HBLFTD8-C	HCBST8-24
	HBLFUD8	HCBST8-29	HBLFUD8-C	HCBST8-29
	HBLT□8(-45)	HCBST8-24	HBLT□8(-45)-C	HCBST8-24
	HBLU□8(-45)	HCBST8-29	HBLU□8(-45)-C	HCBST8-29
	HBL□8(-45)	HCBST8-20	-	-
	HBLDSWT8(-45) (Triangle)	Not applicable	-	-
HBLFSNT8 (With Cover)	Not applicable	HBLFSNT8-C (With Cover)	Not applicable	

Ⓜ If not applicable, failures may occur such as screw heads interfering with each other.