

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

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

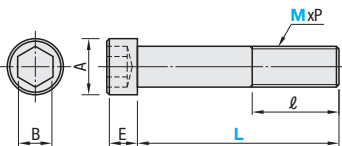
■Hex Socket Head Cap Screws



Type	M	Material	S	Surface Treatment
CBM	EN 1.7220 Equiv.	Bright Chromate Plating		
SCB	EN 1.4301 Equiv.	-		
HCBMTB	EN 1.7220 Equiv.	Trivalent Chromate (Black)		

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

⚠Part Number is not RoHS compliant.

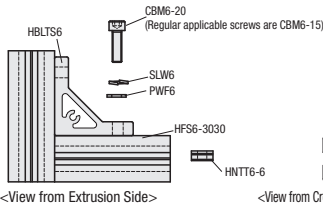


ℓ	Part Number		MxP	A	E	B	CBM		SCB		HCBMTB	
							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
	Type	M - L					1~99 pcs.	100~500	1~9 pc(s).	10~29	30~99	100~500
Full Thread	CBM	3 - 18	3x0.5	5.5	3	2.5						
	SCB	35										
	HCBMTB	35										
Full Thread	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										
		18										
		20										
		22										
		30										
		60										
Full Thread	CBM	8 - 12	8x1.25	13	8	6						
	SCB	15										
	HCBMTB	18										
		20										
		22										
		25										
		28										
		80										

⚠For other specs., see P174, 176.



Part Number
CBM6-8



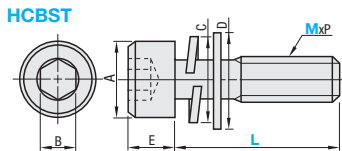
Please use screws of different length from regular applicable ones depending on conditions, such as washers for bracket loosening prevention.

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

■Screws with Captured Spring Washer



Screw	M	Material	H	Hardness	S	Surface Treatment
		Structural Alloy Steel		32~44HRC		
				*Strength Class 10.9		
Washer		Spring Washer JIS B1251				
		Flat Washer JIS B1256				
Surface Treatment		Trivalent Chromate				



Part Number
HCBST6-15

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

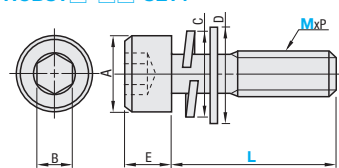
■Screws with Captured Spring Washer Bulk Packages (500 pcs. per Package)

RoHS10



Screw	M	Material	H	Hardness	S	Surface Treatment
		Structural Alloy Steel		32~44HRC		
				*Strength Class 10.9		
Washer		Spring Washer JIS B1251				
		Flat Washer JIS B1256				
Surface Treatment		Trivalent Chromate				

HCBST□-□□-SET1



Part Number		MxP	A	E	B	C	D	Height of Spring Washer and Flat Washer when tightened (Ref.)	Package Price	Price per 1 pc.
Type	M -L-SET1 (500 pcs. per pkg.)									
HCBST	5 - 12	5x0.8	8.5	5	4	8.5	10	2.3		
	16									
	6 - 15		10	6	5	11.5	12.5	3.1		
	20									
	25									
	8 - 20		13	8	6	14.5	17	3.6		
	24									
	29									



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	Not applicable
	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.