

# 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	SCM435	Bright Chromate Plating		
SCB	SUS304 Equivalent	-		
HCMBTB	SCM435	Trivalent Chromate (Black)		

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

Ⓜ Part Number    is not RoHS compliant.

ℓ	Part Number	M	- L	MxP	A	E	B	CBM		SCB			HCMBTB	
								Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate		Unit Price	Volume Discount Rate
								1-99 pcs.	100-500	1-9 pc(s).	10-29	30-99	100-500	1-99 pc(s).
Full Thread 18	CBM 3 - 18	3x0.5	5.5	3	2.5									
	SCB 35													
	HCMBTB													
Full Thread 20	CBM 4 - 18	4x0.7	7	4	3									
	SCB 22													
	HCMBTB 45													
Full Thread	CBM 5 - 6	5x0.8	8.5	5	4									
	SCB 8													
	HCMBTB 10													
	14													
	18													
	22													
Full Thread	CBM 6 - 8	6x1.0	10	6	5									
	SCB 12													
	HCMBTB 14													
	15													
	16													
	18													
	20													
	22													
	30													
	60													
Full Thread	CBM 8 - 12	8x1.25	13	8	6									
	SCB 15													
	HCMBTB 18													
	20													
	22													
	25													
	80													

Ⓜ For other specs., see P174, 176.

Ordering Example

Part Number  
CBM6-8

Example

<View from Extrusion Side>

<View from Cross Section of Extrusion>

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 RoHS10

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

HCBST

Type	Part Number	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										

Ordering Example

Part Number  
HCBST6-15

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