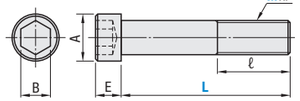
Hexagon Socket Head Cap Screws

Trivalent Chromate

Hexagon Socket Head Cap Screws – Trivalent Chromate

RoHS 10

CBE



Material: 4137 Alloy Steel
Surface Treatment: Trivalent Chromate
Hardness: 32~39 HRC min.
*Strength Class 10.9

M x P	A	E	B
2 x 0.4	3.8	2	1.5
2.6 x 0.45	4.5	2.6	2
3 x 0.5	5.5	3	2.5
4 x 0.7	7	4	3
5 x 0.8	8.5	5	4
6 x 1.0	10	6	5
8 x 1.25	13	8	6
10 x 1.5	16	10	8
12 x 1.75	18	12	10

*The strength class signifies the screw's tensile strength.

(Ex.) 10.9
- 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 1,040 N/mm².

Reference: Dimensions of Counterbore and Cap Screw Hole for Hexagon Socket Head Cap Screws. **P.4013**

Part Number Type	Part Number M - L	ℓ
CBE	2 - 5	Fully Threaded Screws
	6	
	8	
	10	
	2.6 - 5	Fully Threaded Screws
	6	
	8	
	10	
	3 - 4	Fully Threaded Screws
	5	
	6	
	8	
	10	
	12	
	15	
	18	
	20	
	25	18
	30	
	35	
	4 - 5	Fully Threaded Screws
	6	
	8	
	10	
	12	
	15	
	18	
	20	
	25	
	30	20
	35	
	40	
	45	
	50	
	5 - 6	Fully Threaded Screws
	8	
	10	
	12	

Part Number Type	Part Number M - L	ℓ
CBE	5 - 15	Fully Threaded Screws
	18	
	20	
	25	
	30	22
	35	
	40	
	45	
	50	
	6 - 8	Fully Threaded Screws
	10	
	12	
	15	
	18	
	20	
	25	
	30	24
	35	
	40	
	45	
	50	
	55	
	60	
	65	
	70	
	75	
	8 - 10	Fully Threaded Screws
	12	
	15	
	18	
	20	
	25	
	30	
	35	
	40	28
	45	
	50	
	55	

Part Number Type	Part Number M - L	ℓ
CBE	8 - 60	28
	65	
	70	
	75	
	80	
	10 - 15	Fully Threaded Screws
	20	
	25	
	30	
	35	
	40	
	45	
	50	32
	55	
	60	
	65	
	70	
	75	
	12 - 15	Fully Threaded Screws
	20	
	25	
	30	
	35	
	40	
	45	
	50	
	55	36
	60	

Part Number Example Part Number: CBE4-10

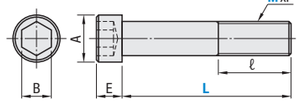
Hexagon Socket Head Cap Screws

Trivalent Chromate / Bright Chromate Plating

Hexagon Socket Head Cap Screws – Trivalent Chromate

RoHS 10

PACK-SCBE



Material: 4137 Alloy Steel
Surface Treatment: Trivalent Chromate
Hardness: 32~39 HRC min.
*Strength Class 10.9

Part Number Type	Part Number M - L	ℓ	PACK-SCBE Pcs/Pkg
PACK-SCBE	2 - 5	Fully Threaded Screws	PACK-SCBE 50 pcs.
	6		
	8		
	10		
	2.6 - 5	Fully Threaded Screws	
	6		
	8		
	10		
	3 - 5	Fully Threaded Screws	
	6		
	8		
	10		
	12		
	15		
	20		
	25	18	
	30		
	35		
	4 - 6	Fully Threaded Screws	
	8		
	10		
	12		
	15		
	20		
	25		
	30	20	
	35		
	40		
	45		
	5 - 8	Fully Threaded Screws	
	10		
	12		
	15		
	20		
	25		
	30	22	
	35		
	40		
	45		
	50		

Part Number Type	Part Number M - L	ℓ	PACK-SCBE Pcs/Pkg
PACK-SCBE	6 - 8	Fully Threaded Screws	PACK-SCBE 50 pcs.
	10		
	12		
	15		
	20		
	25		
	30		
	35	24	
	40		
	45		
	50		
	60		
	8 - 12	Fully Threaded Screws	
	15		
	20		
	25		
	30		
	35		
	40	28	
	45		
	50		
	55		
	60		
	10 - 15	Fully Threaded Screws	
	20		
	25		
	30		
	35		
	40		
	45	32	
	50		
	55		
	60		
	12 - 15	Fully Threaded Screws	
	20		
	25		
	30		
	35		
	40		
	45		
	*50	36	
	55		
	60		

*ℓ part is based on JIS B 1176 (2000).

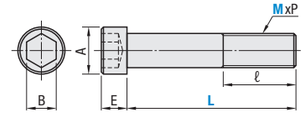
Part Number Example Part Number: PACK-SCBE6-10, CBM8-20

- PACK-SCBE is sold by package, and CBM is sold as single item
- For package sales, minimum order is one pack.

Hexagon Socket Head Cap Screws – Bright Chromate Plating

CBM

CBM is not RoHS compliant.



Material: 4137 Alloy Steel
Surface Treatment: Bright Chromate Plating
Hardness: 32~39 HRC min.
*Strength Class 10.9

Part Number Type	Part Number M - L	ℓ
CBM	3 - 6	Fully Threaded Screws
	8	
	10	
	12	
	15	
	20	
	25	18
	30	
	35	
	4 - 6	Fully Threaded Screws
	8	
	10	
	12	
	15	
	20	
	25	
	30	20
	35	
	40	
	45	
	5 - 8	Fully Threaded Screws
	10	
	12	
	15	
	20	
	25	
	30	22
	35	
	40	
	45	
	50	
	6 - 8	Fully Threaded Screws
	10	
	12	
	15	
	20	
	25	
	30	
	35	24
	40	
	45	
	50	
	60	

Part Number Type	Part Number M - L	ℓ
CBM	8 - 12	Fully Threaded Screws
	15	
	20	
	25	
	30	
	35	
	40	28
	45	
	50	
	55	
	60	
	10 - 15	Fully Threaded Screws
	20	
	25	
	30	
	35	
	40	
	45	32
	50	
	55	
	60	
	12 - 15	Fully Threaded Screws
	20	
	25	
	30	
	35	
	40	
	45	
	50	36
	55	
	60	

*ℓ part is based on JIS B 1176 (2000).