

# Ultra Low Head Cap Screws / Dedicated Wrenches

## Hex Sockets, Hexalobular

Head is extremely thin. Most suitable for machine and equipment locations without clearance.

**Ultra Low Head Cap Screws Hex Sockets**

RoHS 10

**CBSTSR**

M	r (Min.)
2	0.1
2.5	0.1
3	
4	0.2
5	0.2
6	0.25

M Material: SUS304 Equivalent

**Ultra Low Head Cap Screws Hexalobular**

RoHS 10

Type	Material	Hardness	Surface Treatment
CBSSE	Cold Forged Carbon Steel Wire	HV400-	Nickel Plating
CBSKE	SWCH12-18A	-	Black Nickel Plating
CBSTSE	SUS304 Equivalent	-	-

M	r (Max.)
2	0.3
2.6	0.3
3	0.4
4	0.5
5	0.6
6	0.7

Ultra Low Head Cap Screws are fully threaded.

\* Not available for L8, 10 and 12.

Part Number	M x P	A	B	E	t max.	(e) max.	CBSTSR			
							Unit Price	Volume Discount Rate		
Type	M-L						1 ~ 9 pc(s).	10 ~ 19 pcs.	20 ~ 49 pcs.	50 ~ 300 pcs.
CBSTSR	2-3	4	1.3	0.5	1.2	1.2				
	4									
	5									
	6									
	2.5-3	5	1.3	0.6	1.5	1.2				
	4									
	5									
	6									
	3-5	6	1.5	0.8	2	1.4				
	6									
	8									
	10									
4-5	8	2	0.9	2.5	1.5					
10										
12										
16										
5-6	9	2.5	1	3	1.8					
12										
16										
20										
6-8	10	3	1.2	4	2.2					
10										
12										
16										

Ordering Example

Part Number  
CBSKE5-16  
CBSTSR3-8

Thread	Tightening Torque N·m	Tensile Strength N/mm <sup>2</sup>
M2	0.16	350
M2.5	0.35	
M3	0.6	
M4	1.1	
M5	2.2	
M6	5	

(Reference Value)

No specifications available for sizes with no prices shown.

For orders larger than indicated quantity, please check with WOS.

**Hex Wrench**

RoHS 10

**CME-□**

M Material: Tool Steel  
H Hardness: 45-52HRC

Part Number	(L1)	(L2)	d	Unit Price	Volume Discount Rate
CME-0.9	32	10	0.9	1 ~ 9 pc(s).	10 ~ 50 pcs.
CME-1.3	41	12	1.3		

Use CME-1.3 wrench for CBSTSR M2, 2.5.  
For orders larger than indicated quantity, please check with WOS.

Ordering Example

Part Number  
CMM-5  
CME-1.3

**Hexalobular Key Wrenches**

RoHS 10

**CMM-□**

M Material: Tool Steel  
H Hardness: 45-52HRC

Part Number	Hexalobular Socket Number	(L1)	(L2)	d	Unit Price	Volume Discount Rate
CMM-4	4	48	16	3	1 ~ 9 pc(s).	10 ~ 50 pcs.
CMM-5	5	48	16	3		
CMM-6	6	42	16	3		
CMM-8	8	48	16	3		
CMM-10	10	51	16	3		
CMM-15	15	54	18	4		
CMM-20	20	57	19	4		

L1 and L2 are reference values.