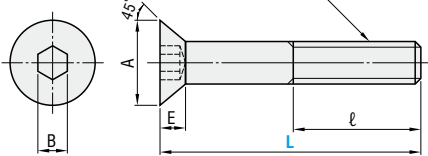


HEXAGON SOCKET HEAD CAP SCREWS / SPRING WASHERS



RoHS

FB (Conventional type)
FBJ (JIS type)



M SCM435
H 32~38HRC
S Black oxide (Fe₃O₄)

(JIS B 0205 Grade 2)
(Strength class 10.9)

Conventional type (space-saving E dimension specification)

M×P	A		E		B	ℓ	Catalog No.	Base unit price		*Qty.
	min.	max.	min.	max.			Type M—L	*Less than Qty.	*More than Qty.	
4×0.7	7.64	8.00	2.16	2.30	2.5	Full thread	FB 4—10			200
							15			
							20			
							25			
							30			
							35			
5×0.8	9.64	10.00	2.66	2.80	3.0	Full thread	FB 5—10			
							12			
							15			
							16			
							20			
6×1.0	11.57	12.00	3.12	3.30	4.0	Full thread	FB 6—10			100
							12			
							15			
							16			
							20			
8×1.25	15.57	16.00	4.22	4.40	5.0	Full thread	FB 8—15			
							20			
							25			
							30			
							35			
10×1.5	19.48	20.00	5.32	5.50	6.0	Full thread	FB 10—20			
							25			
							30			
							40			
							45			

- ⚙ FB conform to the SSS (Japan Socket Screw Industry Cooperative Society) standards. (Previously there were no JIS standards for hexagon socket head cap screws, and this society created standards on its own.)
- ⚙ With this type, the E dimension is shorter than the JIS standard.

JIS type

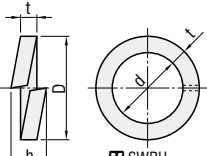
M×P	A		E		B	ℓ	Catalog No.	Base unit price		*Qty.
	min.	max.	min.	max.			Type M—L	*Less than Qty.	*More than Qty.	
4×0.7	7.53	8.96	2.23	2.48	2.5	Full thread	FBJ 4—10			200
							15			
							20			
							25			
							30			
5×0.8	9.43	11.20	2.80	3.10	3.0	Full thread	FBJ 5—10			
							12			
							15			
							16			
							20			
6×1.0	11.34	13.44	3.30	3.72	4.0	Full thread	FBJ 6—10			100
							12			
							15			
							16			
							20			
8×1.25	15.24	17.92	4.40	4.96	5.0	Full thread	FBJ 8—15			
							20			
							25			
							30			
							35			
10×1.5	19.22	22.40	5.50	6.20	6.0	Full thread	FBJ 10—20			
							25			
							30			
							40			
							45			

- ⚙ FBJ conforms to JIS standard JIS B 1194 (2000). (JIS standards were first created in 2000.)
- ⚙ In JIS only the max. for E dimension is listed.



RoHS

CBW (Spring washer)



M SWRH
H 42 ~ 50HRC

d	(D)	(h)	t	Catalog No.	Base unit price		
				Type No.	1~49 pcs.	50~199/200~499	500~1000
3.1	5.6	2.0	1	CBW	3		
4.1	7	2.4	1.2		4		
5.1	8.8	3.2	1.6		5		
6.1	9.9	3.2	1.6		6		
8.1	12.7	4	2		8		
10.2	16	5	2.5		10		
12.2	18	5	2.5		12		
16.2	24.4	7	3.5		16		
20.2	30.6	9	4.5		20		
24.5	35.9	10	5		24		

(D):max. (h):min.



Order

Catalog No.

FB 5—10
FBJ 8—20
CBW 10



Days to Ship

Quotation



Example

Can be used without enlarging the size of the bolt head counterbore.

