Socket Screws

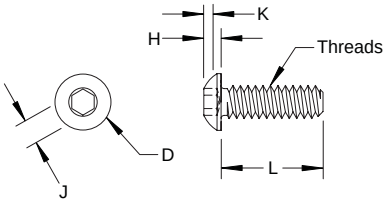
Button Head Cap Screw

Metric

Sample Part Number

M4 x 10MM SOC - BUT - SC - ALY - Z

Thread Length Series Material Finish



Thread	H Height	D Head Diameter	J Hexagon Socket Size NOM	K Key Engagement MIN
M3 x 0.5	1.65 / 1.43	5.70 / 5.40	2.0	1.04
M4 x 0.7	2.20 / 1.95	7.60 / 7.24	2.5	1.30
M5 x 0.8	2.75 / 2.50	9.50 / 9.14	3.0	1.56
M6 x 1	3.30 / 3.00	10.50 / 10.07	4.0	2.08
M8 x 1.25	4.40 / 4.05	14.00 / 13.57	5.0	2.60
M10 x 1.5	5.50 / 5.20	17.50 / 17.07	6.0	3.12
M12 x 1.75	6.60 / 6.24	21.00 / 20.48	8.0	4.16
M16 x 2	8.80 / 8.44	28.00 / 27.48	10.0	5.20

Custom sizes available.

Length	L
4	4.3 / 3.7
5	5.3 / 4.7
6	6.3 / 5.7
8	8.3 / 7.7
10	10.3 / 9.7
12	12.3 / 11.7
16	16.3 / 15.7
20	20.4 / 19.6
25	25.4 / 24.6
30	30.4 / 29.6
35	35.4 / 34.6
40	40.4 / 39.6
45	45.4 / 44.6

Material	Description
ALY	Alloy Steel
SS	18 - 8 Stainless Steel

Finish	Description
BLK - OX	Black Oxide
Z	Zinc Clear

Other finishes available.

Drive		Description
	SOC	Hex Socket

Socket Screws

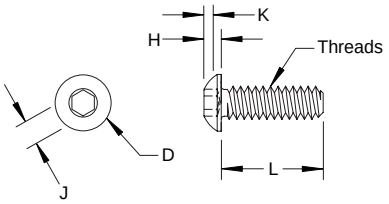
Button Head Cap Screw

Inch

Sample Part Number

6 - 32 x 1/2 SOC - BUT - CAP - SC - ALY - P

Thread Length Series Material Finish



Thread	H Height	D Head Diameter	J Hexagon Socket Size NOM	K Key Engagement MIN
2 - 56	.046 / .038	.164 / .154	.050	.028
4 - 40	.059 / .051	.213 / .201	.062	.035
6 - 32	.073 / .063	.262 / .250	.078	.044
8 - 32	.087 / .077	.312 / .298	.094	.052
10 - 32	.101 / .091	.361 / .347	.125	.070
1/4 - 20	.132 / .122	.437 / .419	.156	.08

Custom sizes available.

Length	L
3/16	.187 / .157
1/4	.250 / .220
5/16	.313 / .283
3/8	.375 / .345
7/16	.438 / .408
1/2	.500 / .470
9/16	.563 / .533
5/8	.625 / .595
3/4	.750 / .720
7/8	.875 / .845
1	1.000 / .970
1.25	1.250 / 1.210
1.5	1.500 / 1.460
1.75	1.750 / 1.710
2	2.000 / 1.960

Material	Description
ALY	Alloy Steel
SS	18 - 8 Stainless Steel

Finish	Description
BLK - OX	Black Oxide
Z	Zinc Clear

Other finishes available.

Drive		Description
	SOC	Hex Socket