

Socket Set Screws UNC / UNF / BSW / BSF
 BS 2470

Thread	Basic	Skt	Skt	Flat &	Dog	H.Dog	F.Dog
Size	Dia	A/F	Depth	Cup Dia	Dia	Length	Length
No.0	.060	.028	.022	.033	.040	.017	.034
No.1	.073	.035	.028	.040	.049	.021	.042
No.2	.086	.035	.028	.047	.057	.024	.048
No.3	.099	.050	.040	.054	.066	.027	.054
No.4	.112	.050	.040	.061	.075	.030	.060
No.5	.125	1/16	.050	.067	.083	.033	.066
No.6	.138	1/16	.050	.074	.092	.038	.076
No.8	.164	5/64	.062	.087	.109	.043	.086
No.10	.190	3/32	.075	.102	.127	.049	.098
1/4	.250	1/8	.100	.132	.156	.067	.134
5/16	.312	5/32	.125	.172	.203	.082	.164
3/8	.375	3/16	.150	.212	.250	.099	.198
7/16	.437	7/32	.175	.252	.297	.114	.228
1/2	.500	1/4	.200	.291	.344	.130	.260
5/8	.625	5/16	.250	.371	.469	.164	.328
3/4	.750	3/8	.300	.450	.562	.196	.392
7/8	.875	1/2	.400	.530	.656	.227	.454
1	1.00	9/16	.450	.609	.750	.260	.520
1.1/8	1.125	9/16	.650	.689	.843	.291	.582
1.1/4	1.250	5/8	.700	.767	.937	.323	.646
1.1/2	1.500	3/4	.750	.926	1.125	.385	.770

Cone Point Socket Sets:

As a general rule, the cone point angle is 90 degrees. This changes when the length is shorter than or equal to the thread diameter, for M3 diameter and above. The cone point angle then changes to 118 degrees.

These dimensions are for use as guide purposes only

Socket Set Screws BA

Thread	Screw	Pitch	Skt	Skt	Cup	H.Dog	H.Dog	Flat
Size	Dia	(T.P.I)	A/F	Depth	Dia	Dia	Lth	Dia
8BA	.0866	59.14	.035	.030	.047	.057	.024	.047
6BA	.1102	47.91	.050	.040	.061	.075	.030	.061
5BA	.1260	43.08	1/16	.050	.067	.083	.033	.067
4BA	.1417	38.49	1/16	.050	.074	.092	.038	.074
3BA	.1614	34.81	5/64	.062	.087	.109	.043	.087
2BA	.1850	31.36	3/32	.075	.102	.127	.049	.102
1BA	.2087	28.23	3/32	.075	.115	.140	.059	.115
0BA	.2362	25.4	1/8	.100	.132	.156	.067	.132

Socket Set Screws Metric

Thread	Pitch	Skt	Skt	Cup	Dog	H.Dog	F.Dog	Flat
Size	(T.P.I)	A/F	Depth	Dia	Dia	Length	Length	Dia
M1.6	0.35	0.7	1.5	0.8	0.8	0.65	1.05	0.8
M2	0.4	0.9	1.7	1.0	1.0	0.75	1.25	1.0
M2.5	0.45	1.3	2.0	1.2	1.5	0.88	1.50	1.5
M3	0.5	1.5	2.0	1.4	2.0	1.00	1.75	2.0
M4	0.7	2.0	2.5	2.0	2.5	1.25	2.25	2.5
M5	0.8	2.5	3.0	2.5	3.5	1.50	2.75	3.5
M6	1.0	3.0	3.5	3.0	4.0	1.75	3.25	4.0
M8	1.25	4.0	5.0	5.0	5.5	2.25	4.30	5.5
M10	1.5	5.0	6.0	6.0	7.0	2.75	5.30	7.0
M12	1.75	6.0	8.0	8.0	8.5	3.25	6.30	8.5
M14	2.0	6.0	9.0	9.0	10.0	3.75	7.30	10.0
M16	2.0	8.0	10.0	10.0	12.0	4.30	8.36	12.0
M20	2.5	10.0	12.0	14.0	15.0	5.30	10.36	15.0
M24	3.0	12.0	15.0	16.0	18.0	6.30	12.43	18.0
M27	3.0	14.0	17.0	18.0	20.5	6.80	13.43	20.5
M30	3.5	14.0	17.0	20.0	22.5	7.30	14.52	22.5
M36	4.0	17.0	21.0	25.0	27.0	8.80	17.52	27.0

Socket depths may alter on shorter lengths.
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