

Socket Button Head Metric
 ISO 7380

THRD SIZE	Head Diameter		Head Height		SKT A/F	SKT DPTH	Thread Length
	Min	Max	Min	max			
M3	5.40	5.70	1.40	1.65	2.00	1.04	18.00
M4	7.24	7.60	1.95	2.20	2.50	1.30	20.00
M5	9.14	9.50	2.50	2.75	3.00	1.56	22.00
M6	10.07	10.50	3.00	3.30	4.00	2.08	24.00
M8	13.57	14.00	4.10	4.40	5.00	2.60	28.00
M10	17.07	17.50	5.20	5.50	6.00	3.12	32.00
M12	20.48	21.00	6.24	6.60	8.00	4.16	36.00
M14	24.17*	24.50*	7.20*	7.70*	10.00*	4.88*	40.00*
M16	27.48	28.00	8.44	8.80	10.00	5.20	44.00
M20	34.61*	35.00*	10.30*	11.00*	12.00*	6.87*	52.00*
M24	41.61*	42.00*	12.50*	13.20*	14.00*	8.25*	60.00*

* Items marked are calculated on a pro-rata basis
 These dimensions are not listed in the ISO specification

Socket Button Heads BA
 BS 2470
 (British Association)

Thread SIZE	Pitch (T.P.I.)	Head HGT	Head DIA	Skt A/F	Skt DPTH	Min T.L.	Body DIA.
8BA	59.14	.046	.164	.050	.028	.500	.087
6BA	47.91	.059	.213	1/16	.035	.500	.110
5BA	43.08	.066	.238	5/64	.044	.500	.126
4BA	38.49	.073	.262	5/64	.044	.625	.142
3BA	34.81	.087	.312	3/32	.052	.750	.161
2BA	31.36	.101	.361	1/8	.070	1.000	.185
1BA	28.23	.114	.395	1/8	.078	1.000	.209
0BA	25.4	.132	.437	5/32	.087	1.000	.236

These dimensions are for use as guide purposes only

Socket Button Head Screws Imperial

Thread	BSF	BSW	UNF	UNC	Head	Head	Skt	Skt
Size	T.P.I.	T.P.I.	T.P.I.	T.P.I.	Height	Dia	A/F	Depth
No.0	n/a	n/a	80	n/a	.032	.114	.035	.020
No.2	n/a	n/a	64	56	.046	.164	.050	.028
No.4	n/a	n/a	48	40	.059	.213	1/16	.035
No.5	n/a	n/a	44	40	.066	.238	5/64	.044
No.6	n/a	n/a	40	32	.073	.262	5/64	.044
No.8	n/a	n/a	36	32	.087	.312	3/32	.052
No.10	n/a	n/a	32	24	.101	.361	1/8	.070
1/4	26	20	28	20	.132	.437	5/32	.087
5/16	22	18	24	18	.166	.547	3/16	.105
3/8	20	16	24	16	.199	.656	7/32	.122
1/2	16	12	20	13	.265	.875	5/16	.175
5/8	14	11	18	11	.331	1.00	3/8	.210
3/4	12	10	16	10	.398	1.218	1/2	.255

Socket Pressure Plugs Metric

Thread	Pitch	Skt	Skt	Skt	O/All	Wall	End
Size	T.P.I.	A/F	A/C	Depth	Length	Thick	Dia
M8	1.0	4	4.6	4	8	2	7.350
M10	1.0	5	5.7	4	8	2	9.350
M12	1.5	6	6.9	5	10	2	11.026
M14	1.5	7	8	5	10	2	13.026
M16	1.5	8	9.2	5	10	2	15.026
M18	1.5	8	9.2	5	10	2	17.026
M20	1.5	10	11.4	5	10	2	19.026
M22	1.5	10	11.4	5	10	2	21.026
M24	1.5	12	13.7	6	12	2	23.026
M26	1.5	12	13.7	6	12	2	25.026
M27	2.0	12	13.7	6	12	2	26.026
M30	2.0	17	19.4	6	12	2	29.026

Dimensions based on Din 906 Type.