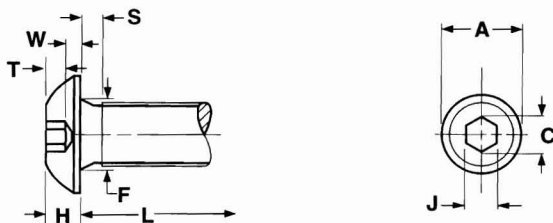
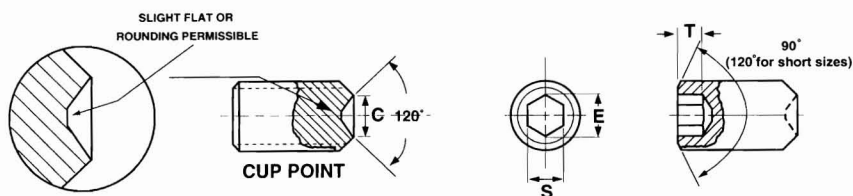


METRIC SOCKET PRODUCTS



METRIC - BUTTON HEAD SOCKET CAP SCREWS, CLASS 10.9

Nominal Size	Thread Pitch	A		H		C	J		T	W	S		F	Min Ultimate Tensile Load, N
		Head Diameter		Head Height		Socket Size Across the Corners	Socket Size Across the Flats		Key Engagement	Wall Thickness	Unthreaded Section Under the Head		Fillet Transition Diameter	
		Max	Min	Max	Min	Min	Max	Min	Min	Min	Max	Min	Max	
M3	0.5	5.7	5.4	1.65	1.40	2.3	2.045	2.020	1.04	0.2	1.0	0.5	3.6	4,910
M4	0.7	7.60	7.24	2.20	1.95	2.87	2.56	2.52	1.3	0.3	1.4	0.7	4.7	8,560
M5	0.8	9.50	9.14	2.75	2.50	3.44	3.071	3.020	1.56	0.38	1.6	0.8	5.7	13,800
M6	1	10.50	10.07	3.3	3.0	4.58	4.084	4.020	2.08	0.74	2	1	6.8	19,600
M8	1.25	14.00	13.57	4.4	4.1	5.72	5.084	5.020	2.6	1.05	2.50	1.25	9.2	35,700
M10	1.5	17.50	17.07	5.5	5.2	6.86	6.095	6.020	3.12	1.45	3.0	1.5	11.2	56,600
M12	1.75	21.00	20.48	6.60	6.24	9.15	8.115	8.025	4.16	1.63	3.50	1.75	14.2	82,400
M16	2	28.00	27.48	8.80	8.44	11.43	10.115	10.025	5.2	2.25	4	2	18.2	154,000



METRIC - SOCKET SET SCREWS, CUP POINT

Nominal Size	Thread Pitch	C		E	S		Screws Below this Length are Short Sizes	T		Min Length of Screw for Torque Test	Test Torque
		Point Diameter		Socket Size Across Corners	Socket Size Across the Flats			Key Engagement (Min)			
		Max	Min	Min	Max	Min		Short Sizes	Long Sizes		N. m
M1.6	0.35	0.80	0.55	0.803	0.724	0.711	2.5	0.7	1.5	-	-
M2	0.4	1.00	0.75	1.003	0.902	0.889	3	0.8	1.7	-	-
M2.5	0.45	1.20	0.95	1.427	1.295	1.270	4	1.2	2	-	-
M3	0.5	1.40	1.15	1.73	1.545	1.520	5	1.2	2	4	0.9
M4	0.7	2.00	1.75	2.3	2.045	2.020	6	1.5	2.5	5	2.5
M5	0.8	2.50	2.25	2.87	2.560	2.520	6	2	3	6	5
M6	1	3.00	2.75	3.44	3.071	3.020	8	2	3.5	8	8.5
M8	1.25	5.0	4.7	4.58	4.084	4.020	10	3	5	10	20
M10	1.5	6.0	5.7	5.72	5.084	5.020	12	4	6	12	40
M12	1.75	8.00	7.64	6.86	6.095	6.020	16	4.8	8	16	65
M16	2	10.00	9.64	9.15	8.115	8.025	20	6.4	10	20	160
M20	2.5	14.00	13.57	11.43	10.115	10.025	25	8	12	25	310
M24	3	16.00	15.57	13.72	12.142	12.032	30	10	15	30	520