

Thread Size		2#	3#	4#	5#	6#	8#	10#	12#	1/4	5/16	3/8	7/16	1/2
d	Nominal Size	0.0860	0.0990	0.1120	0.1250	0.1380	0.1640	0.1900	0.2160	0.2500	0.3125	0.3750	0.4375	0.5000
PP		56	48	40	40	32	32	24	24	20	18	16	14	13
M	Ref.	0.099	0.107	0.116	0.139	0.147	0.161	0.177	0.228	0.244	0.292	0.348	0.366	0.383
Socket No.		1	1	1	2	2	2	2	3	3	3	4	4	4
P	max	0.046	0.056	0.065	0.054	0.061	0.076	0.093	0.094	0.107	0.156	0.170	0.190	0.210
	min	0.021	0.033	0.044	0.026	0.033	0.048	0.066	0.066	0.080	0.129	0.144	0.165	0.184
d_k	Ref.	0.136	0.156	0.177	0.198	0.218	0.259	0.300	0.341	0.396	0.494	0.593	0.691	0.790
d_c	max	0.202	0.232	0.261	0.291	0.321	0.380	0.439	0.498	0.576	0.719	0.861	1.004	1.146
	min	0.186	0.215	0.243	0.272	0.301	0.358	0.416	0.473	0.548	0.687	0.825	0.963	1.101
k	max	0.062	0.070	0.079	0.088	0.096	0.113	0.130	0.148	0.170	0.211	0.253	0.294	0.335
	min	0.050	0.058	0.067	0.075	0.084	0.101	0.118	0.134	0.157	0.197	0.238	0.278	0.319
c	Ref.	0.030	0.030	0.030	0.040	0.040	0.040	0.050	0.050	0.050	0.060	0.060	0.070	0.090

- ①, Where specifying nominal size in decimals, zeros preceding the decimal and in the fourth decimal place shall be omitted.
- ②, Machine Screw Length of Thread 1) Sizes No.5 and smaller. Screws of nominal lengths equal to three diameters and shorter shall have full-form threads extending to within one pitch (thread) of the bearing surface of the head, or closer, if practicable. Nominal lengths greater than three diameters, up to and including 1-1/8 in., shall have full-form threads extending to within two pitches (threads) of the bearing surface of the head, or closer, if practicable. Screws of longer nominal lengths shall, unless otherwise specified, have a minimum length of full-form thread of 1 in. 2) Sizes No.6 and smaller. Screws of nominal lengths equal to three diameters and shorter shall have full-form threads extending to within one pitch (thread) of the bearing surface of the head, or closer, if practicable. Nominal lengths greater than three diameters, up to and including 2 in., shall have full-form threads extending to within two pitches (threads) of the bearing surface of the head, or closer, if practicable. Screws of longer nominal lengths shall have a minimum length of full-form thread of 1.5 in. unless otherwise specified.
- ③, The diameter of body on machine screws having other than trim heads shall not be less than the Class 2A thread minimum pitch diameter nor greater than the basic major diameter of the thread.