

Thread Size		4#	6#	8#	10#	1/4	5/16	3/8	7/16	1/2	9/16	5/8	
<b>d</b>	Nominal Size	0.1120	0.1380	0.1640	0.1900	0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	
<b>PP</b>		40	32	32	24	20	18	16	14	13	12	11	
<b>d<sub>k</sub></b>	max	0.212	0.262	0.312	0.362	0.477	0.597	0.717	0.837	0.957	1.077	1.197	
	min	0.188	0.235	0.282	0.329	0.437	0.550	0.662	0.774	0.887	1.000	1.112	
<b>k</b>	Ref	0.049	0.060	0.072	0.083	0.110	0.138	0.165	0.193	0.221	0.249	0.276	
<b>Socket No.</b>		1	2	2	2	3	4	4	4	4	4	5	
<b>M<sub>1</sub></b>	Type I	0.110	0.148	0.162	0.178	0.240	0.310	0.336	0.360	0.386	0.418	0.504	
<b>M<sub>2</sub></b>	Type IA	0.110	0.148	0.162	0.178	0.240	0.310	0.336	0.360	0.386	0.418	0.488	
<b>P</b>	Type I	max	0.071	0.075	0.090	0.105	0.118	0.148	0.173	0.198	0.226	0.256	0.248
		min	0.055	0.052	0.067	0.082	0.095	0.126	0.151	0.176	0.204	0.234	0.222
	Type IA	max	0.068	0.071	0.086	0.101	0.114	0.145	0.170	0.194	0.222	0.253	0.228
		min	0.052	0.053	0.068	0.083	0.096	0.127	0.152	0.176	0.204	0.235	0.207
<b>α</b>	max	101°	101°	101°	101°	101°	101°	101°	101°	101°	101°	101°	
	min	99°	99°	99°	99°	99°	99°	99°	99°	99°	99°	99°	

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.