

Thread Size		0#	1#	2#	3#	4#	5#	6#	8#	10#
d		0.0600	0.0730	0.0860	0.0990	0.1120	0.1250	0.1380	0.1640	0.1900
β ②		0.060	0.073	0.086	0.099	0.112	0.125	0.138	0.164	0.190
n	max	0.014	0.016	0.018	0.020	0.024	0.026	0.028	0.032	0.035
	min	0.010	0.012	0.014	0.016	0.018	0.020	0.022	0.026	0.029
t	max	0.020	0.020	0.025	0.028	0.031	0.036	0.040	0.046	0.053
	min	0.016	0.016	0.019	0.022	0.025	0.026	0.030	0.036	0.043
d _z	max	0.040	0.049	0.057	0.066	0.075	0.083	0.092	0.109	0.127
	min	0.037	0.045	0.053	0.062	0.070	0.078	0.087	0.103	0.120
γ ①		5/64	3/32	7/64	1/8	5/32	3/16	3/16	1/4	1/4

①,Point angle α shall be 45 deg. plus 5 deg., minus 0 deg. for screws of nominal lengths equal to or longer than those listed for variable Y, and 30 deg. minimum for screws of shorter nominal lengths.

②,Tolerance on radius for nominal sizes up to and including 5 (0.125 in.) shall be +0.015 in., -0.000 and for larger sizes, +0.031 in., -0.000. Slotted ends on screws may be flat at the option of the manufacturer.

③,When specifying nominal size in decimals, zeros preceding the decimal and in the fourth decimal place shall be omitted.

④,Slight flat or rounding permissible

Thread Size	12#	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	
d	0.2160	0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	0.7500	
β ②	0.216	0.250	0.312	0.375	0.438	0.500	0.562	0.625	0.750	
n	max	0.042	0.049	0.055	0.068	0.076	0.086	0.096	0.107	0.134
	min	0.035	0.041	0.047	0.060	0.068	0.076	0.086	0.097	0.124
t	max	0.061	0.068	0.083	0.099	0.114	0.130	0.146	0.161	0.193
	min	0.051	0.058	0.073	0.089	0.104	0.120	0.136	0.151	0.183
d_z	max	0.144	0.156	0.203	0.250	0.297	0.344	0.391	0.469	0.562
	min	0.137	0.149	0.195	0.241	0.287	0.334	0.379	0.456	0.549
Y ①	5/16	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	

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