TAP SIZE	0 (.060)	2 (.086)	4 (.112)	6 (.138)	8 (.164)	10 (.190)	1/4 (.250)
THREAD	80	64 56	48 40	40 32	36 32	32 24	28 20
CLR HOLE	.089-.093	.114-.121	.140-.146	.166-.173	.192-.200	.218-.226	.278-.288
SOC SIZE ACROSS FLATS	.050	.078	.094	.109	.141	.156	.188
SOC-HEAD	.096 / .060	.140 / .086	.183 / .112	.226 / .138	.270 / .164	.312 / .190	.375 / .250
PAN-HEAD	.116 / .038	.167 / .053	.219 / .068	.270 / .082	.322 / .096	.373 / .110	.492 / .144
NAS620 WASHER	.099 / .016	.149 / .016	.209 / .032 .016	.267 / .032 .016	.304 / .032 .016	.354 / .063 .032	.468 / .063 .032
AN960 WASHER		.250 / .032 .016	.312 / .032 .016	.375 / .032 .016	.375 / .032 .016	.438 / .063 .032	.500 / .063 .032
MS35338 LOCK WASHER		.172 / .020	.209 / .025	.250 / .031	.293 / .040	.334 / .047	.489 / .062
82° FLAT-HEAD	.119 / .035	.172 / .051	.225 / .067	.279 / .083	.332 / .100	.385 / .116	.507 / .153
100° FLAT-HEAD	.119 / .026	.172 / .037	.225 / .049	.279 / .060	.332 / .072	.385 / .083	.507 / .110

Identical clearance holes in mating parts. Positional tolerance diameter the same in mating parts = .028 ±.010			Clearance hole in part 1. Threaded hole in part 2. Positional tolerance diameter the same in both parts = .014. ±.005	
Nominal Size of Screw	Maximum Major Screw Diameter	Minimum Diameter Clear-and Hole	Drawing Callout (hole limits)	Recommended Drill Size (do not show on drawing)
2	.086	.114	.114 * .121	#32-.1160
4	.1120	.140	.140 * .146	#28-.1405
6	.1380	.166	.166 .176	#18-.1695
8	.1640	.192	.192 .200	#10-.1935
10	.1900	.218	.218 .228	7/32-.2188
1/4	.2500	.278	.278 .288	K-.2810
5/16	.3125	.341	.341 .352	11/32-.3437
3/8	.3750	.403	.403 .412	Y-.4040
7/16	.4375	.466	.466 .477	15/32-.4687
1/2	.5000	.528	.528 .539	17/32-.5312
5/8	.6250	.653	.653 .665	21/32-.6562
3/4	.7500	.778	.778 .790	25/32-.7812
1	1.0000	1.028	1.028 1.041	1-1/32-1.0313

* Not suitable for fillister-head screws. Use pan head or washer.

TABLE 4 Standard clearance hole sizes

Identical clearance holes in mating parts. Positional tolerance diameter the same in mating parts = .014. .005				
Nominal Size of Screw	Maximum Major Screw Diameter	Minimum Diameter Clear-and Hole	Drawing Callout (hole limits)	Recommended Drill Size (do not show on drawing)
2	.0860	.100	.100 .107	#38-.1015
4	.1120	.126	.126 .134	#30-.1285
6	.1380	.152	.152 .160	#23-.1540
8	.1640	.178	.178 .187	#15-.1800
10	.1900	.204	.204 .213	#5-.2055
1/4	.2500	.264	.264 .273	H-.2660
5/16	.3125	.327	.327 .336	21/64-.3281
3/8	.3750	.389	.389 .399	25/64-.3906
7/16	.4375	.452	.452 .461	29/64-.4531
1/2	.5000	.514	.514 .524	33/64-.5156
5/8	.6250	.639	.639 .650	41/64-.6406
3/4	.7500	.764	.764 .775	49/64-.7656
1	1.0000	1.014	1.014 1.026	1-1/64-1.0156

TABLE 5 Standard clearance hole sizes