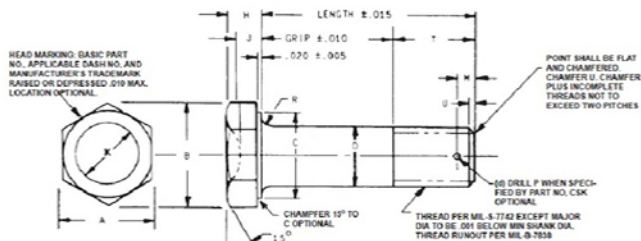


NAS1103 - NAS1108 (6203/6208) SERIES SPECIFICATIONS



Basic Part Number	Thread	A	B	C	D Diameter		H	J	K	M	P (d)	R	T	U
					Before Plate	After Plate								
NAS1103	#10-32 UNF-3A	.376 .367	REF	MIN	.1887 .1881	.1895 .1885	0.110	0.073	0.190	0.117	0.070	.020 .010	0.276	0.016
NAS1104	1/4-28 UNF-3A	.439 .430	0.51	0.42	.2487 .2481	.2495 .2485	0.125	0.083	0.250	0.116	0.076	.020 .010	0.316	0.018
NAS1105	5/16-24 UNF-3A	.502 .492	0.58	0.48	.3112 .3106	.3120 .3110	0.156	0.104	0.310	0.119	0.076	.020 .010	0.375	0.021
NAS1106	3/8-24 UNF-3A	.564 .553	0.65	0.55	.3737 .3731	.3745 .3735	0.188	0.125	0.380	0.12	0.106	.025 .015	0.391	0.021
NAS1107	7/16-20 UNF-3A	.690 .679	0.79	0.67	.4362 .4356	.4370 .4360	0.219	0.146	0.440	0.124	0.106	.025 .015	0.453	0.025
NAS1108	1/2-20 UNF-3A	.752 .741	0.87	0.73	.4987 .4981	.4995 .4985	0.250	0.167	0.500	0.123	0.106	.030 .020	0.453	0.025

ALL DIMENSIONS IN INCHES

Thread	Thread Sizes & Nominal Thread Lengths Chart						
	NAS series	3/16 UNF	1/4 UNF	5/16 UNF	3/8 UNF	7/16 UNF	1/2 UNF
Dash No.	Grip ±.010	Overall	Overall	Overall	Overall	Overall	Overall
- 1	.062	.338	.378	.437	.453	.515	.515
- 2	.125	.401	.441	.500	.516	.578	.578
- 3	.188	.464	.504	.563	.579	.641	.641
- 4	.250	.526	.566	.625	.641	.703	.703
- 5	.312	.588	.628	.687	.703	.765	.765
- 6	.375	.651	.691	.750	.766	.828	.828
- 7	.438	.714	.754	.813	.829	.891	.891
- 8	.500	.776	.816	.875	.891	.953	.953
- 9	.562	.838	.878	.937	.953	1.015	1.015
- 10	.625	.901	.941	1.000	1.016	1.078	1.078
- 11	.688	.964	1.004	1.063	1.079	1.141	1.141
- 12	.750	1.026	1.066	1.125	1.141	1.203	1.203
- 13	.812	1.088	1.128	1.187	1.203	1.265	1.265
- 14	.875	1.151	1.191	1.250	1.266	1.328	1.328
- 15	.938	1.214	1.254	1.313	1.329	1.391	1.391
- 16	1.000	1.276	1.316	1.375	1.391	1.453	1.453
- 17	1.062	1.338	1.378	1.437	1.453	1.515	1.515
- 18	1.125	1.401	1.441	1.500	1.516	1.578	1.578
- 19	1.188	1.464	1.504	1.563	1.579	1.641	1.641
- 20	1.250	1.526	1.566	1.625	1.641	1.703	1.703
- 21	1.312	1.588	1.628	1.687	1.703	1.765	1.765
- 22	1.375	1.651	1.691	1.750	1.766	1.828	1.828
- 23	1.438	1.714	1.754	1.813	1.829	1.891	1.891
- 24	1.500	1.776	1.816	1.875	1.891	1.953	1.953
- 25	1.562	1.838	1.878	1.937	1.953	2.015	2.015
- 26	1.625	1.901	1.941	2.000	2.016	2.078	2.078
- 27	1.688	1.964	2.004	2.063	2.079	2.141	2.141
- 28	1.750	2.026	2.066	2.125	2.141	2.203	2.203
- 29	1.812	2.088	2.128	2.187	2.203	2.265	2.265
- 30	1.875	2.151	2.191	2.250	2.266	2.328	2.328
- 31	1.938	2.214	2.254	2.313	2.329	2.391	2.391
- 32	2.000	2.276	2.316	2.375	2.391	2.453	2.453
- 34	2.125	2.401	2.441	2.500	2.516	2.578	2.578
- 36	2.250	2.526	2.566	2.625	2.641	2.703	2.703
- 38	2.375	2.651	2.691	2.750	2.766	2.828	2.828
- 40	2.500	2.776	2.816	2.875	2.891	2.953	2.953

Thread Sizes & Nominal Thread Lengths Chart

Note: "x" or "xx" represents diameter number; all dimensions are in inches

Dia #	Thread Size	Alloy Steel	
		11XX	62XX
3	.190-32	.276	.323
4	.250-28	.316	.370
5	.3125-24	.375	.438
6	.375-24	.391	.454
7	.4375-20	.453	.528
8	.500-20	.453	.528