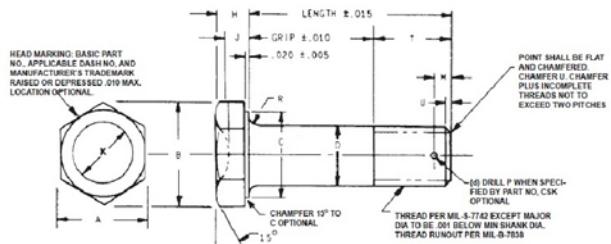


NAS1303 - NAS1308 (6603/6608) SERIES SPECIFICATIONS



Basic Part Number	Thread	A REF	B MIN	C	D Diameter		H Before Plate .000	J +.015 -.000	K +.015 -.010	M DIA +.015 -.000	N DIA +.015 -.000	P (d) DIA +.015 -.000	R RAD	T REF	U REF	
					Before Plate	After Plate										
NAS1303	#10-32	.376			.1887	.1895									.020	
	UNF-3A	.367	0.43	0.36	.1881	.1885	0.110	0.073	0.190	0.163	0.046	0.070	0.070	.010	0.338	0.016
NAS1304	1/4-28	.439			.2487	.2495									.020	
	UNF-3A	.430	0.51	0.42	.2481	.2485	0.125	0.083	0.250	0.178	0.046	0.076	0.076	.010	0.425	0.018
NAS1305	5/16-24	.502			.3112	.3120									.020	
	UNF-3A	.492	0.58	0.48	.3106	.3110	0.156	0.104	0.310	0.181	0.070	0.076	0.076	.010	0.469	0.021
NAS1306	3/8-24	.564			.3737	.3745									.025	
	UNF-3A	.553	0.65	0.55	.3731	.3735	0.188	0.125	0.380	0.197	0.070	0.106	0.106	.015	0.578	0.021
NAS1307	7/16-20	.690			.4362	.4370									.025	
	UNF-3A	.679	0.79	0.67	.4356	.4360	0.219	0.146	0.440	0.201	0.070	0.106	0.106	.015	0.594	0.025
NAS1308	1/2-20	.752			.4987	.4995									.030	
	UNF-3A	.741	0.87	0.73	.4981	.4985	0.250	0.167	0.500	0.216	0.070	0.106	0.106	.020	0.735	0.025

ALL DIMENSIONS IN INCHES

Thread	NAS series	3/16 UNF NAS 1303	1/4 UNF NAS 1304	5/16 UNF NAS 1305	3/8 UNF NAS 1306	7/16 UNF NAS 1307	1/2 UNF NAS 1308
Dash No.	Grip ± .010	Overall	Overall	Overall	Overall	Overall	Overall
- 1	.062	.400	.487	.531	.640	.656	.797
- 2	.125	.463	.550	.594	.703	.719	.860
- 3	.188	.526	.613	.657	.766	.782	.923
- 4	.250	.588	.675	.719	.828	.844	.985
- 5	.312	.650	.737	.781	.890	.906	1.047
- 6	.375	.713	.800	.844	.953	.969	1.110
- 7	.438	.776	.863	.907	1.016	1.032	1.173
- 8	.500	.838	.925	.969	1.078	1.094	1.235
- 9	.562	.900	.987	1.031	1.140	1.156	1.297
- 10	.625	.963	1.050	1.094	1.203	1.219	1.360
- 11	.688	1.026	1.113	1.157	1.266	1.282	1.423
- 12	.750	1.088	1.175	1.219	1.328	1.344	1.485
- 13	.812	1.150	1.237	1.281	1.390	1.406	1.547
- 14	.875	1.213	1.300	1.344	1.453	1.469	1.610
- 15	.938	1.276	1.363	1.407	1.516	1.532	1.673
- 16	1.000	1.338	1.425	1.469	1.578	1.594	1.735
- 17	1.062	1.400	1.487	1.531	1.640	1.656	1.797
- 18	1.125	1.463	1.550	1.594	1.703	1.719	1.860
- 19	1.188	1.526	1.613	1.657	1.766	1.782	1.923
- 20	1.250	1.588	1.675	1.719	1.828	1.844	1.985
- 21	1.312	1.650	1.737	1.781	1.890	1.906	2.047
- 22	1.375	1.713	1.800	1.844	1.953	1.969	2.110
- 23	1.438	1.776	1.863	1.907	2.016	2.032	2.173
- 24	1.500	1.838	1.925	1.969	2.078	2.094	2.235
- 25	1.562	1.900	1.987	2.031	2.140	2.156	2.297
- 26	1.625	1.963	2.050	2.094	2.203	2.219	2.360
- 27	1.688	2.026	2.113	2.157	2.266	2.282	2.423
- 28	1.750	2.088	2.175	2.219	2.328	2.344	2.485
- 29	1.812	2.150	2.237	2.281	2.390	2.406	2.547
- 30	1.875	2.213	2.300	2.344	2.453	2.469	2.610
- 31	1.938	2.276	2.363	2.407	2.516	2.532	2.673
- 32	2.000	2.338	2.425	2.469	2.578	2.594	2.735
- 34	2.125	2.463	2.550	2.594	2.703	2.719	2.860
- 36	2.250	2.588	2.675	2.719	2.828	2.844	2.985
- 38	2.375	2.713	2.800	2.844	2.953	2.969	3.110
- 40	2.500	2.838	2.925	2.969	3.078	3.094	3.235

Thread Sizes & Nominal Thread Lengths Chart

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

Dia #	Thread Size	Alloy Steel	
		13XX	66XX
3	.190-32	.338	.345
4	.250-28	.425	.425
5	.3125-24	.469	.469
6	.375-24	.578	.578
7	.4375-20	.694	.694
8	.500-20	.735	.735