



8UNC THREAD SERIES ASME B 1.1 CLASS 2A & 2B

EXTERNAL mm

INTERNAL mm

Nom Size	Threads	Major Diameter		Pitch Diameter		Minor Max	Major Min	Minor Diameter		Pitch Diameter		Weight x 1mm
		Max	Min	Max	Min			Min	Max	Min	Max	
1 1/8"	8	28.522	28.141	26.459	26.284	24.625	28.575	25.781	25.146	26.741	26.513	0.004313
1 1/4"	8	31.697	31.316	29.634	29.456	27.800	31.750	28.956	28.321	29.921	29.688	0.005410
1 3/8"	8	34.869	34.488	32.807	32.624	30.973	34.925	32.131	31.496	33.099	32.863	0.006630
1 1/2"	8	38.044	37.663	35.982	35.796	34.148	38.100	35.306	34.671	36.279	36.038	0.007975
1 5/8"	8	41.219	40.838	39.157	38.969	37.323	41.275	38.481	37.846	39.459	39.213	0.009445
1 3/4"	8	44.392	44.011	42.329	42.139	40.495	44.450	41.656	41.021	42.636	42.388	0.011037
1 7/8"	8	47.567	47.186	45.504	45.309	43.670	47.625	44.831	44.196	45.817	45.563	0.012755
2"	8	50.742	50.361	48.679	48.481	46.845	50.800	48.006	47.371	48.994	48.738	0.014597
2 1/4"	8	57.089	56.708	55.027	54.823	53.193	57.150	54.356	53.721	55.352	55.088	0.018652
2 1/2"	8	63.439	63.058	61.377	61.168	59.543	63.500	60.706	60.071	61.707	61.438	0.023205
2 3/4"	8	69.787	69.406	67.724	67.513	65.890	69.850	67.056	66.421	68.062	67.788	0.028253
3"	8	76.134	74.229	74.071	73.856	72.238	76.200	73.406	72.771	74.419	74.138	0.033797
3 1/4"	8	82.484	82.103	80.421	80.201	78.704	82.550	79.121	79.756	80.488	80.775	0.039841
3 1/2"	8	88.834	88.453	86.771	86.548	85.054	88.900	85.471	86.106	86.838	86.130	0.046380
3 3/4"	8	95.181	94.800	93.119	92.890	91.402	95.250	91.821	92.456	93.118	93.485	0.053414
4"	8	101.531	101.150	99.469	99.238	97.752	101.600	98.171	98.806	99.538	99.840	0.060948
4 1/4"	8	107.879	107.848	105.816	105.580	104.099	107.950	104.521	105.156	105.888	106.192	0.071689
4 1/2"	8	114.229	113.848	112.166	111.928	110.449	114.300	110.871	111.506	112.238	112.547	0.080377
4 3/4"	8	120.576	120.595	118.514	118.273	116.797	120.650	117.221	117.856	118.588	118.902	0.094337
5"	8	126.926	126.545	124.864	124.617	123.147	127.000	123.571	124.206	124.938	125.258	0.099239