

## ROLL THREAD SPECIFICATIONS

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

Nom Size	Threads	EXTERNAL mm					INTERNAL mm					Weight x 1mm
		Major Diameter		Pitch Diameter		Minor	Major		Minor Diameter		Pitch Diameter	
		Max	Min	Max	Min	Max	Min	Min	Max	Min	Max	
1/4"	20	6.322	6.116	5.497	5.403	4.765	6.350	4.978	5.258	5.525	5.646	0.000186
5/16"	18	7.907	7.686	6.990	6.888	6.175	7.938	6.401	6.731	7.021	7.155	0.000301
3/8"	16	9.492	9.253	8.461	8.349	7.544	9.548	7.798	8.153	8.494	8.639	0.000441
7/16"	14	11.077	10.815	9.898	9.779	8.852	11.113	9.144	9.550	9.934	10.089	0.000604
1/2"	13	12.662	12.385	11.392	11.265	10.264	12.700	10.592	11.024	11.430	11.595	0.000799
9/16"	12	14.247	13.957	12.873	12.741	11.651	14.288	11.989	12.446	12.130	13.086	0.001021
5/8"	11	15.834	15.527	14.336	14.196	13.002	15.875	13.386	13.868	14.376	14.559	0.001266
3/4"	10	19.004	18.677	17.356	17.203	15.888	19.050	16.307	16.840	17.399	17.595	0.001855
7/8"	9	22.177	21.824	20.343	20.183	18.715	22.225	19.177	19.761	20.391	20.599	0.002549
1"	8	25.349	24.968	23.287	23.114	21.453	25.400	21.971	22.606	23.338	23.561	0.003340
1 1/8"	7	28.512	28.103	26.162	25.979	24.067	28.575	24.638	25.349	26.218	26.457	0.004216
1 1/4"	7	31.694	31.278	29.337	29.149	27.242	31.750	27.813	28.524	29.393	29.637	0.005302
1 3/8"	6	34.864	34.402	32.113	31.910	29.670	34.925	28.435	31.115	32.174	32.438	0.006353
1 1/2"	6	38.039	37.577	35.288	35.082	32.845	38.100	33.528	34.290	35.349	35.616	0.007671
1 5/8"	6	41.212	40.749	38.461	38.252	36.185	41.275	36.703	37.465	38.524	38.796	0.009112
1 3/4"	6	44.387	43.924	41.636	41.425	39.347	44.450	39.878	40.640	41.699	41.974	0.010679
1 7/8"	6	47.562	47.099	44.811	44.597	42.522	47.625	43.053	43.815	44.874	45.154	0.012369
2"	5	50.726	50.168	47.061	46.820	43.802	50.800	44.679	45.593	47.135	47.450	0.013643
2 1/4"	5	57.076	56.518	53.411	53.165	50.152	57.150	51.029	51.943	53.485	53.805	0.017573
2 1/2"	4	63.421	62.817	59.296	59.032	55.631	63.500	56.617	57.582	59.375	59.718	0.021659
2 3/4"	4	69.769	69.164	65.644	65.377	61.979	69.850	62.967	63.932	65.725	66.073	0.026544
3"	4	76.119	75.514	71.994	71.722	68.329	76.200	69.317	70.282	72.075	72.428	0.031928
3 1/4"	4	82.466	81.862	78.341	78.064	74.676	82.550	75.667	76.632	78.425	78.783	0.037806
3 1/2"	4	88.816	88.212	84.691	84.412	81.026	88.900	82.017	82.982	84.775	85.138	0.044183
3 3/4"	4	95.164	94.559	91.039	90.754	87.373	95.250	88.367	89.332	91.125	91.493	0.051054
4"	4	101.514	100.909	97.389	97.102	93.723	101.600	94.717	95.682	97.475	93.605	0.058425
4 1/4"	4	107.864	107.259	103.739	103.447	100.302	107.950	101.067	102.032	103.825	104.204	0.066292
4 1/2"	4	114.211	113.607	110.086	109.792	106.650	114.300	109.792	110.086	110.175	110.559	0.074653
4 3/4"	4	120.561	119.957	116.436	116.139	113.000	120.650	113.767	114.732	116.525	116.914	0.083513
5"	4	126.909	126.304	122.784	122.481	119.347	127.000	120.117	121.082	122.875	123.266	0.092867