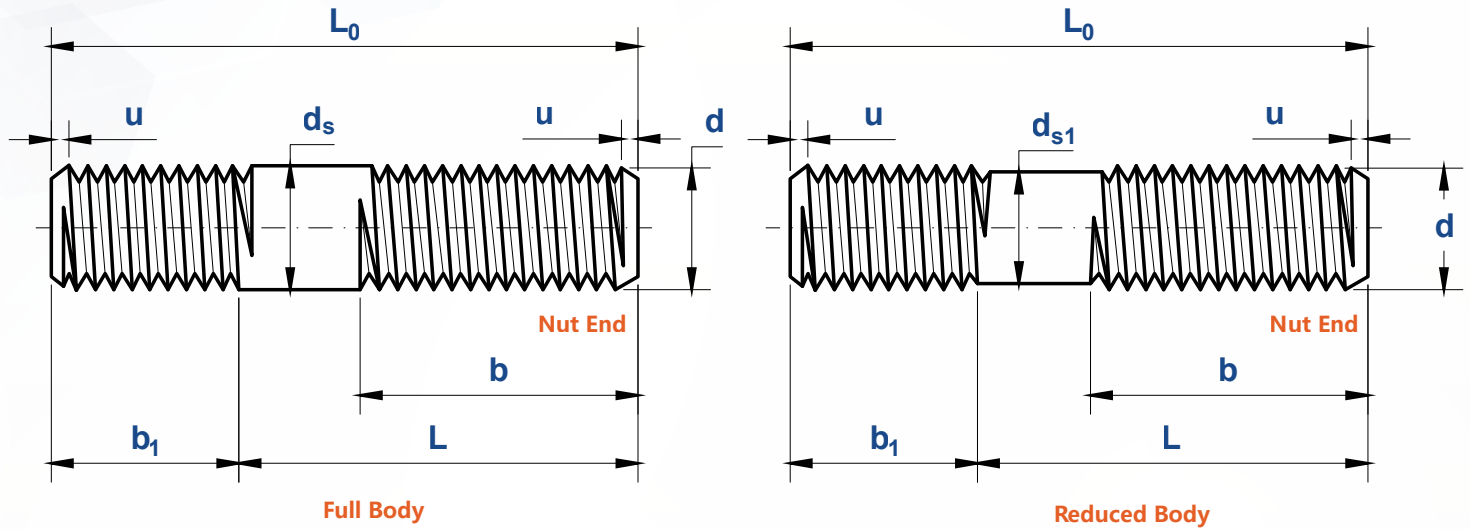
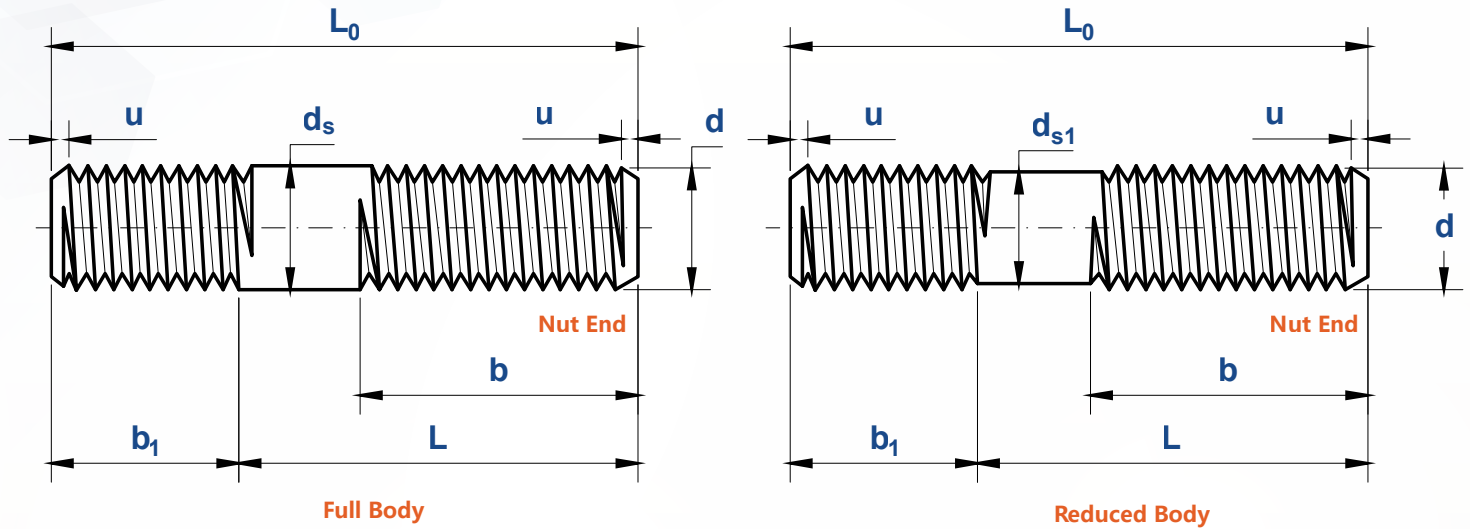




Thread Size d			1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8
d			0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	0.7500	0.8750	1.0000	1.1250	1.2500	1.3750
b₁	Nominal Size		0.375	0.469	0.563	0.656	0.750	0.844	0.938	1.125	1.313	1.500	1.688	1.875	2.063
	min		0.350	0.440	0.532	0.620	0.708	0.802	0.892	1.075	1.258	1.438	1.625	1.813	2.000
	max		0.400	0.498	0.594	0.692	0.792	0.896	0.983	1.175	1.368	1.562	1.750	1.938	2.125
u	max	UNC, NC-5	0.100	0.111	0.125	0.143	0.154	0.167	0.182	0.200	0.222	0.250	0.286	0.286	0.333
		UNF	0.071	0.083	0.083	0.100	0.100	0.111	0.111	0.125	0.143	0.167	0.167	0.167	0.167
		8UN	-	-	-	-	-	-	-	-	-	-	0.250	0.250	0.250
b	min	L ≤ 10	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	2.250	2.500	2.750	3.000
		10 < L ≤ 16	1.000	1.125	1.250	1.375	1.500	1.625	1.750	2.000	2.250	2.500	2.750	3.000	3.250
		L > 16	1.500	1.625	1.750	1.875	2.000	2.125	2.250	2.500	2.750	3.000	3.250	3.500	3.750
d_s	Full body,max		0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	0.7500	0.8750	1.0000	1.1250	1.2500	1.3750
	Full body,min	UNC	0.241	0.303	0.364	0.426	0.488	0.550	0.611	0.735	0.859	0.983	1.106	1.231	1.354
		UNF	0.243	0.304	0.367	0.428	0.491	0.552	0.615	0.739	0.863	0.987	1.112	1.237	1.362
		8UN	-	-	-	-	-	-	-	-	-	-	1.108	1.233	1.358
d_{s1}	Reduced body,max	UNC	0.241	0.303	0.364	0.426	0.488	0.550	0.611	0.735	0.859	0.983	1.106	1.231	1.354
		UNF	0.243	0.304	0.367	0.428	0.491	0.552	0.615	0.739	0.863	0.987	1.112	1.237	1.362
		8UN	-	-	-	-	-	-	-	-	-	-	1.108	1.233	1.358
	Reduced body,min	UNC	0.213	0.271	0.329	0.385	0.444	0.502	0.559	0.677	0.795	0.910	1.023	1.148	1.256
		UNF	0.223	0.281	0.343	0.400	0.462	0.521	0.583	0.703	0.822	0.938	1.063	1.188	1.313
		8UN	-	-	-	-	-	-	-	-	-	-	1.035	1.160	1.284

①. Stud ends shall be chamfered from the major diameter to a diameter equal to or less than the thread root diameter. The length of the chamfered end to the first full-formed thread at major diameter, as determined by the distance the chamfered end enters into a cylindrical NOT GO major diameter ring gage, shall be one to two thread pitches on each end. The ends of the stud shall be reasonably square with the axis of the stud, but the slight rim or cup resulting from manufacturing shall be permissible. The ends shall be suitable for marking.



Thread Size d			1-1/2	1-5/8	1-3/4	1-7/8	2	2-1/4	2-1/2	2-3/4	3	3-1/4	3-1/2	3-3/4	4
d			1.5000	1.6250	1.7500	1.8750	2.0000	2.2500	2.5000	2.7500	3.0000	3.2500	3.5000	3.7500	4.0000
b ₁	Nominal Size		2.250	2.438	2.625	2.813	3.000	3.375	3.750	4.125	4.500	4.875	5.250	5.625	6.000
	min		2.188	2.375	2.563	2.750	2.925	3.300	3.675	4.050	4.425	4.775	5.150	5.525	5.900
	max		2.313	2.500	2.688	2.875	3.075	3.450	3.825	4.200	4.575	4.975	5.350	5.725	6.100
u	max	UNC, NC-5	0.333	-	0.400	-	0.444	0.444	0.500	0.500	0.500	0.500	0.500	0.500	0.500
		UNF	0.167	-	-	-	-	-	-	-	-	-	-	-	-
		8UN	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
b	min	L ≤ 10	3.250	3.500	3.750	4.000	4.250	4.750	5.250	5.750	-	-	-	-	-
		10 < L ≤ 16	3.500	3.750	4.000	4.250	4.500	5.000	5.500	6.000	6.500	7.000	7.500	8.000	8.500
		L > 16	4.000	4.250	4.500	4.750	5.000	5.500	6.000	6.500	7.000	7.500	8.000	8.500	9.000
ds	Full body,max		1.5000	1.6250	1.7500	1.8750	2.0000	2.2500	2.5000	2.7500	3.0000	3.2500	3.5000	3.7500	4.0000
	Full body,min	UNC	1.479	-	1.727	-	1.975	2.225	2.473	2.723	2.973	3.223	3.473	3.723	3.973
		UNF	1.487	-	-	-	-	-	-	-	-	-	-	-	-
		8UN	1.483	1.608	1.733	1.858	1.983	2.233	2.483	2.733	2.982	3.232	3.482	3.732	3.982
ds1	Reduced body,max	UNC	1.479	-	1.727	-	1.975	2.225	2.473	2.723	2.973	3.223	3.473	3.723	3.973
		UNF	1.487	-	-	-	-	-	-	-	-	-	-	-	-
		8UN	1.483	1.608	1.733	1.858	1.983	2.233	2.483	2.733	2.982	3.232	3.482	3.732	3.982
	Reduced body,min	UNC	1.381	-	1.609	-	1.843	2.093	2.324	2.574	2.824	3.073	3.323	3.573	3.823
		UNF	1.438	-	-	-	-	-	-	-	-	-	-	-	-
		8UN	1.409	1.534	1.659	1.784	1.909	2.158	2.408	2.658	2.908	3.158	3.407	3.657	3.907

① Stud ends shall be chamfered from the major diameter to a diameter equal to or less than the thread root diameter. The length of the chamfered end to the first full-formed thread at major diameter, as determined by the distance the chamfered end enters into a cylindrical NOT GO major diameter ring gage, shall be one to two thread pitches on each end. The ends of the stud shall be reasonably square with the axis of the stud, but the slight rim or cup resulting from manufacturing shall be permissible. The ends shall be suitable for marking.