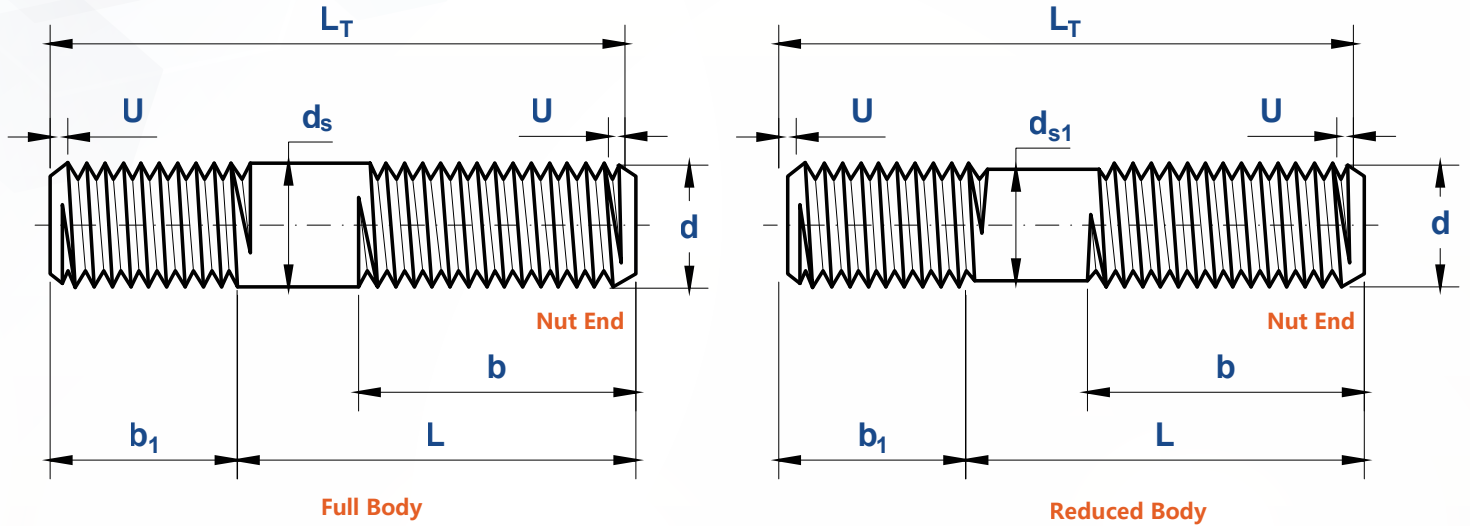
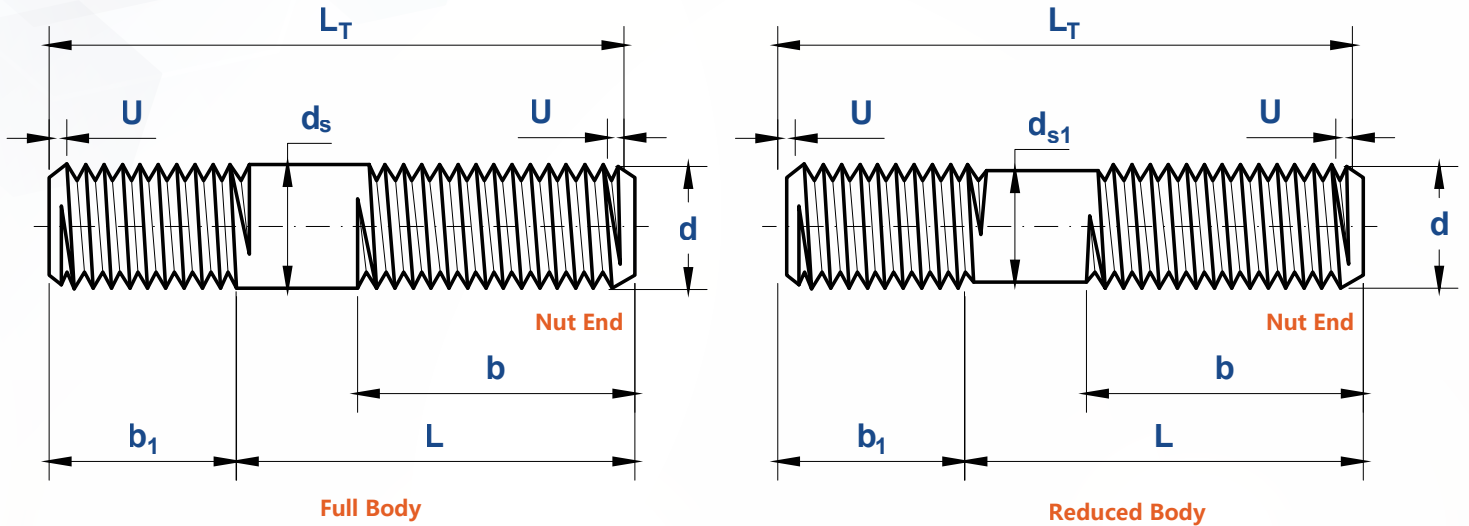




Thread Size d			1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8
d			0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	0.7500	0.8750	1.0000	1.1250	1.2500	1.3750
b _m	Nominal Size		0.375	0.469	0.563	0.656	0.750	0.844	0.938	1.125	1.313	1.500	1.688	1.875	2.063
	min		0.350	0.440	0.532	0.620	0.708	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 _m	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
		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
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
		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
d _s	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
	Full body,min	UNC	1.479	-	1.727	-	1.975	2.225	2.473	2.723	2.973	3.223	3.473	3.723
		UNF	1.487	-	-	-	-	-	-	-	-	-	-	-
d _{s1}	Reduced body,max	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
		UNC	1.479	-	1.727	-	1.975	2.225	2.473	2.723	2.973	3.223	3.473	3.723
		UNF	1.487	-	-	-	-	-	-	-	-	-	-	-
	Reduced body,min	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
		UNC	1.381	-	1.609	-	1.843	2.093	2.324	2.574	2.824	3.073	3.323	3.573
		UNF	1.438	-	-	-	-	-	-	-	-	-	-	-
d _{s1}	Reduced body,min	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

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.