

Steel Nut specification:

DIA of Bolts	No. of Thread per inch		DIA of unthreaded Shanks	Size A-Cross Flat		Thickness of Head		Thickness of Nuts		Thickness of Hex Locknuts	
	B.S.W.	B.S.F		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1/4"	20	26	0.28	0.445	0.435	0.186	0.166	0.22	0.2	0.185	0.18
16-May	18	22	0.342	0.525	0.515	0.228	0.28	0.27	0.25	0.21	0.2
8-Mar	16	20	0.405	0.6	0.585	0.27	0.25	0.332	0.312	0.26	0.25
16-Jul	14	18	0.468	0.71	0.695	0.312	0.292	0.395	0.375	0.275	0.265
2-Jan	12	16	0.53	0.82	0.8	0.363	0.333	0.467	0.437	0.3	0.29
16-Sep	12	16	0.592	0.92	0.9	0.405	0.375	0.53	0.5	0.333	0.323
8-May	11	14	0.665	1.01	0.985	0.447	0.417	0.602	0.562	0.41	0.375
4-Mar	10	12	0.79	1.2	1.175	0.53	0.5	0.728	0.687	0.49	0.458
8-Jul	9	11	0.915	1.3	1.27	0.623	0.583	0.81	0.75	0.55	0.5
1"	8	10	1.04	1.48	1.45	0.706	0.666	0.935	0.875	0.63	0.583
1.1/8	7	9	1.175	1.67	1.64	0.79	0.75	1.06	1	0.72	0.666
1.1/4	7	9	1.3	1.86	1.815	0.89	0.83	1.205	1.125	0.81	0.75
1.1/2	6	8	1.55	2.22	2.175	1.06	1	1.455	1.175	0.98	0.916
1.5/8	5	8	1.685	2.41	2.365	1.18	1.08	1.58	1.5	1.06	1
1.3/4	5	7	1.81	2.58	2.25	1.27	1.17	1.725	1.625	1.16	1.083
2"	4.5	7	2.06	2.76	2.7	1.43	1.33	1.85	1.75	1.25	1.166
2.1/4	4	6	-	3.15	3.09	1.6	1.5	1.975	1.875	1.43	1.25
2.1/2	4	6	-	3.55	3.49	1.77	1.67	2.225	2.125	1.6	1.416
2.3/4	3.5	6	-	3.89	3.83	1.93	1.83	2.475	2.375	1.77	1.58
3"	3.5	5	-	4.18	4.08	2.15	2	2.775	2.625	1.98	1.75