

STUD BOLTS

PETROCHEMICAL - MINIMUM PROOF LOAD (LBF)



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Nominal Size	TPI	Stress Area in ²	Grade B7	Grade B16	Grade L7*	Grade B8/B8M	Grade B8 Cl2	Grade B8M Cl2
1/2"UNC	13	0.142	14,900	14,900	14,900	4,257	14,190	13,622
9/16"UNC	12	0.182	19,110	19,110	19,110	5,460	18,200	17,472
5/8"UNC	11	0.226	23,730	23,730	23,730	6,780	22,600	21,696
3/4"UNC	10	0.334	35,070	35,070	35,070	10,020	33,400	32,064
7/8"UNC	9	0.462	48,510	48,510	48,510	13,860	36,960	36,960
1"UNC	8	0.606	63,630	63,630	63,630	18,180	48,480	48,480
1-1/8"UN8	8	0.790	82,950	82,950	82,950	23,700	51,350	51,350
1-1/4"UN8	8	1.000	105,000	105,000	105,000	30,000	65,000	65,000
1-3/8"UN8	8	1.233	129,465	129,465	129,465	36,990	61,650	61,650
1-1/2"UN8	8	1.492	156,660	156,660	156,660	44,760	74,600	74,600
1-5/8"UN8	8	1.780	186,900	186,900	186,900	53,400	-	-
1-3/4"UN8	8	2.080	218,400	218,400	218,400	62,400	-	-
1-7/8"UN8	8	2.410	253,050	253,050	253,050	72,300	-	-
2"UN8	8	2.770	290,850	290,850	290,850	83,100	-	-
2-1/4"UN8	8	3.560	373,800	373,800	373,800	106,800	-	-
2-1/2"UN8	8	4.440	466,200	466,200	466,200	133,200	-	-
2-3/4"UN8	8	5.430	515,850	515,850	570,150	162,900	-	-
3"UN8	8	6.510	618,450	618,450	683,550	195,300	-	-
3-1/4"UN8	8	7.690	730,550	730,550	807,450	230,700	-	-
3-1/2"UN8	8	8.960	851,200	851,200	940,800	268,800	-	-
3-3/4"UN8	8	10.340	982,300	982,300	1,085,700	310,200	-	-
4"UN8	8	11.810	1,121,950	1,121,950	1,240,050	354,300	-	-

* Figures for >2-1/2"un8 are for reference only, as conforming heat numbers may be difficult to obtain



*For further technical
Information please contact
Southeast Fasteners direct*