

TENSILE STRESS EQUIVALENTS

Tons per sq. inch	Kilos per sq. mm	Lbs. per sq. inch
10	15.75	22,400
11	17.33	24,640
12	18.90	26,880
13	20.48	29,120
14	22.05	31,360
15	23.63	33,600
16	25.20	35,840
17	26.78	38,080
18	28.85	40,320
19	29.93	42,560
20	31.50	44,800
21	33.08	47,040
22	34.66	49,280
23	36.23	51,520
24	37.80	53,760
25	39.38	56,000
26	40.95	58,240
27	42.53	60,480
28	44.10	62,720
29	45.68	64,960
30	47.25	67,200
31	48.83	69,440
32	50.40	71,680
33	51.98	73,920
34	53.55	76,160
35	55.14	78,400
36	56.70	80,640
37	58.28	82,880
38	59.85	85,120
39	61.43	87,360
40	63.00	89,600

TENSILE STRESS EQUIVALENTS

Tons per sq. inch	Kilos per sq. mm	Lbs. per sq. inch
41	64.57	91,840
42	66.14	94,080
43	67.71	96,320
44	69.29	98,560
45	70.87	100,800
46	72.44	103,040
47	74.02	105,280
48	75.59	107,520
49	77.17	109,760
50	78.75	112,000
51	80.32	114,240
52	81.89	116,480
53	83.47	118,720
54	85.05	120,960
55	86.62	123,200
56	88.18	125,440
57	89.77	127,680
58	91.34	129,920
59	92.92	132,160
60	94.49	134,400
61	96.07	136,640
62	97.64	138,880
63	99.22	141,120
64	100.79	143,360
65	102.37	145,600
66	103.94	147,840
67	105.52	150,080
68	107.09	152,320
69	108.67	154,560
70	110.24	156,800