

Tonnage Chart For Mild Steel

Hold Diameter		1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	1-1/16"	1-1/8"
		0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.563	0.625	0.688	0.75	0.813	0.875	0.938	1.00	1.0625	1.125
Metal Guage	Thickness Inches	PRESSURE IN TONS																
28	0.015	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.7
26	0.018	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.7	1.8	2.0	2.1
24	0.024	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.8
22	0.030	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.4
20	0.036	0.5	0.7	0.9	1.1	0.0	1.6	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.4	3.7	3.9	4.1
18	0.048	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5
16	0.060	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.4	3.8	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.9
14	0.075	1.0	1.4	1.9	8.8	2.9	3.3	3.8	4.3	4.8	5.3	5.7	6.2	6.7	7.2	7.7	8.1	8.6
12	0.105	1.3	2.0	2.7	3.3	4.0	4.7	5.4	6.0	6.7	7.4	8.0	8.7	9.4	10.0	10.7	11.4	12.0
11	0.120	1.5	2.3	3.1	3.8	4.6	5.4	6.1	6.9	7.7	8.4	9.2	9.9	10.7	11.5	12.2	13.0	13.8
10	0.135	1.7	2.6	3.4	4.3	5.2	6.0	6.9	7.7	8.6	9.5	10.3	11.2	12.0	12.9	13.8	14.6	15.5
5/32"	0.157	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0
3/16"	0.188	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0	13.2	14.4	15.6	16.8	18.0	19.2	20.4	21.6
1/4"	0.250	3.2	4.8	6.4	8.0	9.6	11.2	12.8	14.3	15.9	17.5	19.1	20.7	22.3	23.9	25.5	27.1	28.7
3/8"	0.375	4.8	7.2	9.6	12.0	14.3	16.7	19.1	21.5	23.9	26.3	28.7	31.1	33.5	35.9	38.3	40.6	43.0
1/2"	0.500	6.4	9.6	12.8	15.9	19.1	22.3	25.5	28.7	31.9	35.1	38.3	41.4	44.6	47.8	51.0	54.2	57.4