

Sheet Steel Gauges

GAUGE NO.	12	14	16	18	20	22	24	26
Nominal Decimal Equivalent (Inch)	.105	.075	.060	.048	.036	.030	.024	.018

Pullout Values (avg. lbs. ultimate)

FASTENER		STEEL GAUGE (lbs.)									
DIA.	PT	26	24	22	20	18	16	14	12	3/16	1/4
#12	2	156	243	283	375	605	848	1181	1856	3520	-----
#12	5	-----	-----	-----	-----	-----	-----	-----	1527	3701	3999
1/4	5	-----	-----	-----	-----	-----	-----	-----	1507	3300	5059
1/4	1	208	329	428	562	800	1151	-----	-----	-----	-----
	AB	235	365	496	597	702	926	1180	1690	3446	4212
#17	AB	225	261	350	442	553	752	1122	1716	3523	4250

Shear Values (avg. lbs. ultimate)

FASTENER		STEEL GAUGE (lapped)									
DIA.	PT	26	24	22	20	18	16	14	1/8	3/16	1/4
#12	2	365	600	623	898	1370	1758	2138	2202	-----	-----
#12	5	-----	-----	-----	-----	-----	-----	-----	2700	2720	2762
1/4	5	-----	-----	-----	-----	-----	1597	2005	2350	2792	3310
1/4	1	511	849	885	1244	1764	-----	-----	-----	-----	-----
	AB	422	482	669	889	1157	-----	-----	-----	-----	-----
#17	AB	459	745	989	958	1415	-----	-----	-----	-----	-----

Fastener Values

FASTENER (dia-tpi)	TENSILE (lbs. min)	SHEAR (avg. lbs. ult.)	TORQUE (min. in. lbs.)
12-14	2778	2000	92
12-24	3188	2200	130
1/4-14	4060	2600	150
1/4-28	5577	3310	234
17-14	5300	3200	180

The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes.