

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
#10	3	124	208	266	299	499	708	967	1474	-----	-----
#12	2	156	243	283	375	605	848	1181	1856	3520	-----
	3	142	211	289	341	551	757	1063	1631	2998	-----
	4	-----	-----	-----	-----	-----	697	986	1532	3485	4013
	5	-----	-----	-----	-----	-----	-----	-----	1527	3701	3999
1/4	1	208	329	428	562	800	1151	-----	1858	4550	-----
	3	141	231	293	346	613	880	1145	1877	4550	-----
	AB	235	365	496	597	702	926	1180	1716	3523	-----
#17	AB	225	261	350	442	553	752	1122	-----	-----	-----

Shear Values (avg. lbs. ultimate)

FASTENER		STEEL GAUGE (lapped)							
DIA.	PT	26	24	22	20	18	16	14	12
#10	3	-----	445	526	728	1266	1540	1552	-----
#12	2	365	600	623	898	1370	1758	2138	-----
	3	-----	-----	-----	769	1358	1620	1970	1986
	4	-----	-----	-----	-----	-----	-----	-----	2048
	5	-----	-----	-----	-----	-----	-----	-----	2650
1/4	1	511	849	885	1244	1765	-----	-----	-----
	3	-----	-----	-----	930	1442	2100	2584	2650
	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.)
10-16	1936	1400	61
12-14	2778	2000	92
12-24 T/4	3020	2100	100
12-24 T/5	3188	2200	150
1/4-14	4060	2600	150
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.