

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	16	14	12	3/16	1/4
#12	4	----	----	1532	3485	4013
	4.5	----	----	1508	3865	4101
	5	----	----	1527	3701	3999
1/4	5	----	----	1507	3300	5059

Shear Values (avg. lbs. ultimate)

FASTENER		STEEL GAUGE (lapped)				
DIA.	PT	16	14	12	1/8	1/4
#12	4	----	----	2048	2030	----
	4.5	----	----	2641	2887	2897
	5	----	----	2650	2700	2762
1/4	5	1597	2005	2350	2792	3310

Fastener Values

FASTENER (dia-tpi)	PT	TENSILE (lbs. min)	SHEAR (avg. lbs. ult.)	TORQUE (min. in. lbs.)
12-24	4	3020	2100	100
12-24	4.5	3165	2200	150
12-24	5	3020	2100	150
1/4-28	5	5577	3310	234

NOTE: Tek's fasteners are not categorized as structural bolts. Proper design criteria and strengths must be used for satisfactory application. 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.