

## PERFORMANCE TABLES

### 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
#10	3	109	180	218	278	427	583	873	1406
#12	3	139	194	250	369	450	598	915	1500
#10	TYPE A	192	280	360	460	568	-----	-----	-----
#12	TYPE A	193	300	387	464	621	-----	-----	-----

### Pullout Values (avg. lbs. ultimate)

FASTENER		WOOD TYPE AND THICKNESS				
DIA.	PT	1/2" PLYWOOD	5/8" PLYWOOD	3/4" PLYWOOD	YELLOW PINE	3/4" OSB
#10	TYPE A	364	382	400	579	288
#12	TYPE A	377	395	427	675	326

### Shear Values (avg. lbs. ultimate)

FASTENER		STEEL GAUGE (lapped)			
DIA.	PT	20 GAUGE	18 GAUGE	16 GAUGE	14 GAUGE
#10	3	727	1164	1366	1460
#12	3	923	1279	1657	1933

### Fastener Values

FASTENER (dia-tpi)	PT	TENSILE (lbs. min)	SHEAR (avg. lbs. ult.)	TORQUE (min. in. lbs.)
10-16	3	1983	1400	78
12-14	3	2652	2000	92
10-12	TYPE A	2581	1426	81
12-11	TYPE A	3634	1994	132

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.