

## Test Results

### Pullout Values (Avg. Lbs.)

Fastener		Steel Gauge							
Size	Pt	20	18	16	14	12	1/8	3/16	1/4
10-16	3	293	487	690	941	1432	2017		
12-24	3		484	679	959	1489	2371	3384	3732
12-24	4		484	679	959	1489	2371	3384	3732
1/4-20	4		595	856	1114	1805	2337	4416	4885

### Shear Values (Avg. Lbs.)

Fastener		Steel Gauge (Lapped)							
Size	Pt	20	18	16	14	12	1/8	3/16	1/4
10-16	3	709	1231	1497	1508				
12-24	3					1989	1972		
12-24	4					1989	1972		
1/4-20	4			2040	2509	2573	2738		

The values listed are averages achieved under laboratory conditions and imply no warranty. Appropriate safety factors should be applied to these values for design purposes.