

Test Results

Pullout Values (Avg. Lbs.)

Fastener		Steel Gauge							
Size	Pt	20	18	16	14	12	1/8	3/16	1/4
6-20	2	277	462	571					
8-18	2	292	479	685	933				
10-16	2	360	534	763	1005	1606			
10-16	3	293	487	690	941	1432	2017		
12-14	3			737	1034	1585	2349	2911	
12-24	4				959	1489	2371	3384	3732
12-24	5				951	1486	2269	3593	3882
14-14	3			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
6-20	2	736	820						
8-18	2	721	1031	1049					
10-16	2	808	1173	1233					
10-16	3	709	1231	1497	1508				
12-14	3	749	1320	1574	1914	1929			
12-24	4					1989	1972		
12-24	5						2622	2641	2682
14-14	3			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.