



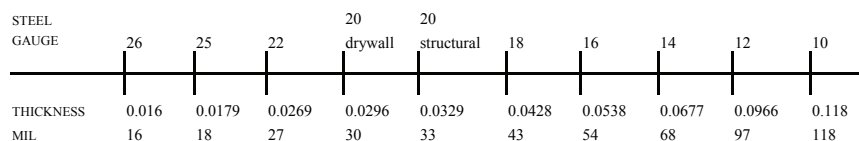
# SELF DRILL SCREWS

## TITAN® SPECIFICATIONS

### TITAN SELF-DRILL SCREWS ULTIMATE VALUE CHART

DIAMETER	NOM. SCREW DIA. (IN)	METAL GAUGE 1 (LB)	TENSION (PULL) LBS	SHEAR LBS METAL TO METAL	MIN. TORSIONAL STRENGTH (LB)	DIAMETER	NOM. SCREW DIA. (IN)	METAL GAUGE 1 (LB)	TENSION (PULL) LBS	SHEAR LBS METAL TO METAL	MIN. TORSIONAL STRENGTH (LB)
6	0.138	25	130		24	12	0.216	18	477	985	92
		22	178.5	455				16	741	1556	
		20	267	687				14	1058	2081	
		18	425	739				12	1251	2222	
		16	607	1105				0.156	2699		
		14	925	1161				0.187	3408		
		12	1173								
7	0.151	25	100.5		37	12-24 Winged 4 Point	0.216	16	533		92
		22	201	588				14	777		
		20	291	840				12	1127		
		18	453	1009				0.156	2133		
		16	560	1111				0.187	2363		
		14	940	1119				0.156	2555		
8	0.164	25	98		42	12-24 Shank 5 Point	0.216	0.187	3134		92
		22	196	583				0.218	3695		
		20	288	841				0.25	3707	2222	
		18	450	995							
		16	557	1103							
		14	925	1347							
10	0.19	25			61	14	0.25	25			150
		22		607				22			
		20	393	817				20	302	801	
		18	554	1222				18	401	1085	
		16	737	1954				16	777	1949	
		14	1061	1544				14	1060	2319	
12	0.216	25			91	14-20 w/ Wings	0.25	12	1475	2771	150
		22		607				0.156	3232		
		20	393	817				0.187	3953		
		18	554	1222				0.218	4657		
		16	737	1954				16	607		
14	1061	1544	14	895							
12	1234	1661	12	1440							
25			0.156	2115							
22			0.187	3541							
20	317	707	0.218	4141							

Titan Self Drill Screws meets and/or exceeds ASTM C-954 and ANSI/ASME 18.6.4. Self Drill points meets and/or exceeds SAE J78



All test results here were obtained in strict accordance to ASTM test method requirements. The data is ultimate load figures and are provided only as a guide and are not guaranteed in any way by Titan Fastening Systems LLC. A 4:1 Safety ratio is always recommended.

All products manufactured for TITAN Fastening Systems are of a non-chemically hazardous nature.