TABLE 1 - ULTIMATE SCREW LOADS (lbf)

Steel Gauge			26 - gauge		20 - gauge		18 - gauge		16 - gauge		14 - gauge		12 - gauge		1/8 - in.		3/16 - in.		1/4 - in.	
Screw Size	Drill Point	Part Number(s)	Pullout/ Tension	Lap Shear	Pullout/ Tension	Lap Shear	Pullout/ Tension	Lap Shear	Pullout/ Tension	Lap Shear	Pullout/ Tension	Lap Shear	Pullout/ Tension	Lap Shear	Pullout/ Tension	Lap Shear	Pullout/ Tension	Lap Shear	Pullout/ Tension	Lap Shear
10-16	Teks 1	1107	85	296	413	831	617	1354	781	-	-	-	-	-	-	-	-	-	-	-
10-16	Teks 3	1545, 1791	-	-	292	772	452	1355	603	1557	809	1732	1355	-	-	-	-	-	-	-
12-14	Teks 1	1109	105	438	430	920	669	1530	822	-	-	-	-	-	-	-	-	-	-	-
12-14	Teks 2,3	1140, 1123	-	-	350	812	573	1413	711	1694	966	2141	1680	2464	2229	-	3756	-	-	-
12-24	Teks 4	1088	-	-	-	-	-	-	655	-	943	-	1604	2132	2289	2625	4604	-	4898	-
12-24	Teks 5	1072	-	-	-	-	-	-	559	-	802	-	1261	-	1857	2842	3909	2886	4458	2853
1/4-14	Teks 1	1399	108	518	674	1122	691	1742	836	-	-	-	-	-	-	-	-	-	-	-
1/4-14	Teks 2,3	1155	-	-	218	845	466	1604	585	1867	857	2579	1474	2660	1718	2811	3854	-	-	-
1/4-28	Teks 5	1074	-	-	-	-	-	-	615	-	872	-	1434	-	1990	3550	4129	3598	5054	3626
Lap Shear Loads for 1/2" Oriented Strand Board (OSB), 1/2" & 3/4" Plywood to 20g-12g Steel																				
10-16	Teks 3	1077	1/2" OSB		-	624	-	587	-	592	-	632	-	526	-	-	-	-	-	-
10-16	Teks 3	1077	1/2" Plywood		-	749	-	519	-	652	-	752	-	835	-	-	-	-	-	-
10-16	Teks 3	1077	3/4" Plywood		-	872	-	721	-	911	-	1109	-	958	-	-	-	-	-	-
10-24	Teks 3	1082	1/2" OSB		-	-	-	-	-	550	-	468	-	618	-	-	-	-	-	-
10-24	Teks 3	1082	1/2" Plywood		-	-	-	-	-	821	-	814	-	598	-	-	-	-	-	-
10-24	Teks 3	1082	3/4" Plywood		-	-	-	-	-	1143	-	1060	-	823	-	-	-	-	-	-
Lap Shear Loads for 2x4 DFL Lumber to 16g -1/8" Steel																				
12-24	Teks 4	1094	2x4 DFL		-	-	-	-	-	899	-	1161	-	1207	-	1090	-	-	-	-
1/4-20	Teks 4	1096	2x4 DFL		-	-	-	-	-	865	-	1090	-	778	-	1090	-	-	-	-

Indicated pull-out and shear failure values were obtained in tests conducted by " Specialized Testing" Santa Fe Springs, Ca., pursuant to ICBO ES AC118 and AISI CF92-1. Report Number STIQA0012 of 2003.