

SELF-DRILLING SCREWS
WOOD-TO-METAL APPLICATIONS

PULLOUT VALUES (Ultimate-Averages) in LBS.									
Screw		Steel Gauge							
Diameter	Pt.	22	20	18	16	14	12	1/8"	3/16"
#8-18	#2	265	298	491	703	959	-	-	-
#10-24	#3	-	334	495	702	900	1570	-	3865
#12-14	#3	-	-	551	756	1063	1631	-	2997
#12-24	#3	-	-	-	-	-	1508	-	4297
#12-24	#4	-	-	-	-	-	1508	-	4297

Sheet Steel Gauges									
Gauge No.	22	20	18	16	14	12			
Decimal Equivalent	.030"	.036"	.048"	.060"	.075"	.105"	.125"	.1875"	

SHEAR VALUES (Ultimate-Averages) in LBS.									
Screw		Steel Gauge—Lapped							
Diameter	Pt.	22	20	18	16	14	12	1/8"	3/16"
#8-18	#2	560	740	1060	-	-	-	-	-
#10-24	#3	-	728	1266	1540	1522	-	-	-
#12-14	#3	-	769	1357	1620	1970	1986	-	-
#12-24	#3	-	-	-	-	-	2048	2030	-
#12-24	#4	-	-	-	-	-	2048	2030	-

FASTENER VALUES			
Diameter & Threads per Inch	Tensile (lbs. minimum)	Shear (avg. lbs. ultimate)	Torque (min. in./lbs.)
#8-18 #2 Pt.	1545	1000	42
#10-24 #3 Pt.	2702	1500	65
#12-14 #3 Pt.	2778	2000	92
#12-24 #3 Pt.	3165	2200	150
#12-24 #4 Pt.	3165	2200	150

All mechanical performance data on this sheet is offered only as a guide. Content is for general information only. Purchasers and specifiers must make their own evaluation of the products to determine the suitability of these products for intended use.

All EVOLUTION FASTENERS screws are manufactured in an ISO 9002 certified and approved factory that follows the standards of Statistical Process Control (SPC) to assure proper quality management.