

**SELF-DRILLING SCREWS**  
**LIGHT DUTY APPLICATIONS STEEL-TO-STEEL**

<b>PULLOUT VALUES (Ultimate-Averages) in LBS.</b>									
Screw		Steel Gauge							
Diameter	Pt.	26	24	22	20	18	16	14	12
#6-20	#2	120	183	248	296	471	679	847	-
#8-18	#2	119	193	265	298	491	703	959	-
#10-16	#3	124	208	266	299	499	708	967	1474

<b>Sheet Steel Gauges</b>									
Gauge No.	26	24	22	20	18	16	14	12	
Decimal Equivalent	.018"	.024"	.030"	.036"	.048"	.060"	.075"	.105"	

<b>SHEAR VALUES (Ultimate-Averages) in LBS.</b>									
Screw		Steel Gauge—Lapped							
Diameter	Pt.	26	24	22	20	18	16	14	12
#6-20	#2	278	466	526	758	845	-	-	-
#8-18	#2	294	496	560	740	1060	-	-	-
#10-16	#3	-	455	526	728	1266	1540	1552	-

<b>FASTENER VALUES</b>			
Diameter & Threads per Inch	Tensile (lbs. minimum)	Shear (avg. lbs. ultimate)	Torque (min. in./lbs.)
#6-20	1285	750	25
#8-18	1545	1000	42
#10-16	1936	1400	61

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.

**Torsional Strength**

A measure of the force at which a screw will twist off during driving or seating.

**Pull-Out Resistance**

The amount of force required to pull a screw out of a specified thickness of wood or steel.

**Ultimate Load**

A load, that during a controlled test, produced complete failure of the screw.

**Shear Strength**

A measure of the force that, when applied at a right angle, will break a screw.

**Tensile Strength**

A measure of the longitudinal pulling stress a screw can bear without tearing apart.

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.