

**SELF-DRILLING SCREWS**  
**MEDIUM 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	3/16"
#12-14	#3	142	210	289	340	551	756	1063	1631	2997
#14-14	#3	141	231	292	345	613	879	1145	1857	4550

<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"	.1875"	

<b>SHEAR VALUES (Ultimate-Averages) in LBS.</b>										
Screw		Steel Gauge—Lapped								
Diameter	Pt.	26	24	22	20	18	16	14	12	
#12-14	#3	-	-	-	769	1357	1620	1970	1986	-
#14-14	#3	-	-	-	930	1441	2100	2583	2650	-

<b>FASTENER VALUES</b>			
Diameter & Threads per Inch	Tensile (lbs. minimum)	Shear (avg. lbs. ultimate)	Torque (min. in./lbs.)
#12-14	2778	2000	92
#14-14	4060	2600	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.

**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.