

SELF-DRILLING SCREWS
HEAVY DUTY APPLICATIONS STEEL-TO-STEEL

PULLOUT VALUES (Ultimate-Averages) in LBS.									
Screw		Steel Gauge							
Diameter	Pt.	16	14	12	1/8"	3/16"	1/4"	1/2"	18mm
#12-24	#4	-	-	1532	-	3485	3844	-	-
#12-24	#5	-	-	1527	-	3701	3999	-	-
#12-24 SP7	#7	-	-	-	-	-	-	-	-
#14-20 SP7	#7	-	-	-	-	-	-	-	-

Sheet Steel Gauges									
Gauge No.	16	14	12						
Decimal Equivalent	.060"	.075"	.105"	.125"	.1875"	.250"	.500"	.709"	

SHEAR VALUES (Ultimate-Averages) in LBS.									
Screw		Steel Gauge—Lapped							
Diameter	Pt.	16	14	12	1/8"	3/16"	1/4"	1/2"	18mm
#12-24	#4	-	-	2048	2030	-	-	-	-
#12-24	#5	-	-	2650	2700	-	2762	-	-
#12-24 SP7	#7	-	-	-	-	-	-	-	-
#14-20 SP7	#7	-	-	-	-	-	-	-	-

FASTENER VALUES			
Diameter & Threads per Inch	Tensile (lbs. minimum)	Shear (avg. lbs. ultimate)	Torque (min. in./lbs.)
#12-24 #4 Pt.	3020	2100	100
#12-24 #5 Pt.	3020	2100	100
#12-24 #7 Pt.			
#14-20 #7 Pt.			

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.