

Daggerz™ Self Drill Screws

Recommendation and Performance Data

IDENTIFICATION			RECOMMENDATION			PERFORMANCE		
DIAMETER	DRIVE	DRILL POINT	INCHES	METAL GAUGE	DRILL SPEED	MATERIAL	AXIAL LOAD	DRILL TIME
#6	1/4"	#2	.036" - .078"	20-14	2500 RPM	0.060"	30 LBS	3.0 SEC
#8	1/4"	#2	.036" - .094"	20-13	2500 RPM	0.060"	30 LBS	4.0 SEC
#10	5/16"	#2	.036" - .109"	20-12	2500 RPM	0.060"	30 LBS	4.0 SEC
#10	1/4"	#2	.036" - .109"	20-12	2500 RPM	0.060"	30 LBS	4.0 SEC
#10	5/16"	#3	.109" - .179"	20-8	2500 RPM	0.135"	40 LBS	6.0 SEC
#12	5/16"	#2 pilot	.036" - .210"	20-6	2500 RPM	0.135"	40 LBS	6.0 SEC
#12	5/16"	#3	.100" - .220"	12-5	2500 RPM	0.135"	40 LBS	7.0 SEC
#12	5/16"	#4	.170" - .375"	8-000	1500 RPM	0.370"	60 LBS	16.0 SEC
#14	3/8"	#1 stitch	.036" - .094"	20-13	2500 RPM	0.060"	30 LBS	5.0 SEC
#14	3/8"	#3	.109" - .250"	12-3	1500 RPM	0.250"	50 LBS	18.0 SEC
#14	3/8"	#4	.109" - .375"	12-000	1500 RPM	0.375"	60 LBS	20.0 SEC
#14	3/8"	#5	.179" - .500"	8-0000000	1200 RPM	0.500"	60 LBS	30.0 SEC

Drilling capabilities may vary. This table is intended as a guide only and does not constitute a warranty of any kind.

Steel Stud Gauge Guide

STEEL GAUGE	26	25	22	20 (drywall)	20 (structural)	18	16	14	12	10
THICKNESS (IN)	0.0163	0.0179	0.0269	0.0296	0.0329	0.0428	0.0538	0.0677	0.0966	0.1180
THICKNESS (MIL)	16	18	27	30	33	43	54	68	97	118

Ultimate Value Chart

TENSION (PULL OUT) LBS. and SHEAR LBS. METAL TO METAL (below)				METAL GAUGE 1(LB) THICKNESS										
Diameter	Nominal Screw Dia.	Drill Point	Min Torsional Strength (LB)	25	22	20	18	16	14	12	3/16"	1/4"	3/8"	1/2"
6-20	0.138	#2	24	128	176	263	426	598	911	1156	-	-	-	-
				-	449	683	728	1091	1148	-	-	-	-	
8-18	0.164	#2	42	97	196	285	444	550	924	1100	-	-	-	-
				-	580	829	994	1096	1332	1337	-	-	-	-
10-16	0.190	#3	61	-	-	389	554	727	1050	1216	-	-	-	-
				-	602	811	1223	1492	1545	1650	-	-	-	-
12-14	0.216	#3	92	-	-	314	472	735	1057	1242	3394	-	-	-
				-	-	698	983	1556	2072	2210	-	-	-	-
12-24	0.216	#5	92	-	-	-	468	697	986	1535	3124	3696	-	-
				-	-	-	-	-	-	-	-	2650	-	3310
1/4-14	0.250	#1	150	332	431	565	803	1154	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-
1/4-14	0.250	#3	150	-	-	300	402	776	1057	1477	3941	-	-	-
				-	-	930	1442	2100	2584	2650	-	-	-	-
1/4-20	0.250	#4	150	-	-	-	-	601	896	1445	3520	-	-	-
				-	-	-	-	-	-	-	-	2650	-	2820
1/4-20	0.250	#5	150	-	-	-	-	-	-	-	2672	3629	3791	4739
				-	-	-	-	-	-	-	-	2650	-	2820

These figures are offered only as a guide and are not guaranteed in any way by International Fasteners Inc.