

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	.033" - .112"	20-12	2500 RPM	0.062"	30 LBS	2.5 SEC
#8	1/4"	#2	.033" - .112"	20-12	2500 RPM	0.062"	30 LBS	3.0 SEC
#10	5/16"	#2	.033" - .112"	20-12	2500 RPM	0.062"	35 LBS	3.5 SEC
#10	1/4"	#2	.033" - .112"	20-12	2500 RPM	0.062"	35 LBS	3.5 SEC
#10	5/16"	#3	.110" - .175"	12-8	2500 RPM	0.062"	35 LBS	3.5 SEC
#12	5/16"	#2 pilot	.033" - .210"	20-6	2500 RPM	0.062"	35 LBS	3.5 SEC
#12	5/16"	#3	.110" - .210"	12-6	1800 RPM	0.062"	45 LBS	4.0 SEC
#12	5/16"	#4	.175" - .375"	8-000	1500 RPM	0.370"	60 LBS	16.0 SEC
#12	5/16"	#5	.175" - .500"	8-0000000	1200 RPM	0.500"	60 LBS	30.0 SEC
#14	3/8"	#1 stitch	.033" - .110"	20-12	1500 RPM	0.062"	45 LBS	5.0 SEC
#14	3/8"	#3	.110" - .220"	12-3	1500 RPM	0.062"	45 LBS	5.0 SEC
#14	3/8"	#4	.175" - .375"	8-000	1500 RPM	0.375"	60 LBS	20.0 SEC
#14	3/8"	#5	.175" - .500"	8-0000000	1500 RPM	0.500"	60 LBS	30.0 SEC

Daggerz™ Self Drill Screws 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)	METAL GAUGE 1(LB) THICKNESS										
				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	-	-	-	-	-	-
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	-	-	-	-
				-	-	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	-	-	-	-	735	1057	1242	3124	3696	-	-
				-	-	-	-	-	-	-	-	2210	-	3310
1/4-14	0.250	#1	156	-	-	300	402	776	1057	1477	3941	-	-	-
				-	-	797	1083	1942	2300	2754	-	-	-	-
1/4-14	0.250	#3	156	-	-	300	402	776	1057	1477	3941	-	-	-
				-	-	797	1083	1942	2300	2754	-	-	-	-
1/4-20	0.250	#5	150	-	-	-	-	-	-	-	2672	3629	3791	4739
				-	-	-	-	-	-	-	-	2650	-	2820

Drilling capabilities may vary. These tables are intended as a guide only and do not constitute a warranty of any kind.

INTERNATIONAL FASTENERS, INC.

Call (888)241-0203, fax (888)241-2096, or email sales@daggerz.com