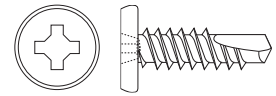




INTERNATIONAL FASTENERS, INC.



SPEC DATA SUBMITTAL SHEET

Dagger-Lo™ Self Drill Screws • Square Phillips Pancake • Dagger-Guard Coating™

Size	TPI	Ctn Qty	Daggerz™ Part Number	Drive	Drill Point	Max Drill	Drill Speed
10 x 5/8	16	7,000	LOPROSDCT10058	Pancake	#3 PT	0.175"	2500 RPM
10 x 1	16	5,000	LOPROSDCT1010	Pancake	#3 PT	0.175"	2500 RPM
10 x 1-1/2	16	3,000	LOPROSDCT10112	Pancake	#3 PT	0.175"	2500 RPM
10 x 2	16	2,000	LOPROSDCT1020	Pancake	#3 PT	0.175"	2500 RPM
12 x 1	14	5,000	LOPROSDCT1210	Pancake	#3 PT	0.210"	1800 RPM
12 x 2	14	2,000	LOPROSDCT1220	Pancake	#3 PT	0.210"	1800 RPM

<i>material:</i>	C1022 LOW CARBON STEEL, CORE HARDNESS: HV240-425
<i>finish:</i>	Dagger-Guard Coating™ is a three layer, multi step dip/spin bake process which provides 1000 hour salt spray corrosion resistance
<i>application:</i>	fasten pre-punched roofing clips to 20-12 gauge metal
<i>installation:</i>	Screw gun with depth sensitive nosepiece with installation speed not to exceed 2500 RPM (#10) or 1800 RPM (#12). Overdriving may result in fastener failure or strikeout of the work surface. The fastener must penetrate beyond the metal with a minimum of three threads protruding past the back side of the metal.

Meets or exceeds the following specifications:

AC118	Acceptance criteria for tapping screw fasteners used in steel-to-steel connections
ASTM A510	Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel (Minimum grade 1018)
ASTM B117	Practice for Operating Salt Spray (Fog) Apparatus
ASTM C1513 (18)	Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections
ASTM F1941	Specification for Electro-deposited Coatings on Threaded Fasteners
SAE J78	Standard for Dimensional, Mechanical and Performance Requirements

Ultimate Value Chart

	DIAMETER	Nom Screw Dia	25 Gauge	22 Gauge	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	Min Torsional Strength (Lb)
Tension (Pull) Lbs 1 pc	10-16	0.190	-	-	389	554	727	1050	1216	61 lbs
	12-14	0.216	-	-	314	472	735	1057	1242	92 lbs
Shear (Metal to Metal)	10-16	0.190	-	-	811	1223	1492	1545	1650	61 lbs
	12-14	0.216	-	-	698	983	1556	2072	2210	92 lbs

These figures are offered only as a guide and are not guaranteed in any way by International Fasteners, Inc.
 Appropriate safety factors should be applied to these values for specific purposes.
 All International Fasteners, Inc. Fasteners are manufactured to IFI's Performance Specifications and Print Drawings.

LOPROSDCT.21