



INTERNATIONAL FASTENERS, INC.

SPEC DATA SUBMITTAL SHEET



Daggerz™ Self Drill Screws • Hex Washer Head • Zinc

Size	TPI	Ctn Qty	Daggerz™ Part Number	Drive	Drill Point	Max Drill	Drill Speed
12 x 3/4	14	5,000	SDZ12034	5/16"	#3 PT	0.210"	1800 RPM
12 x 1	14	3,500	SDZ1210	5/16"	#3 PT	0.210"	1800 RPM
12 x 1-1/4	14	3,500	SDZ121104	5/16"	#3 PT	0.210"	1800 RPM
12 x 1-1/2	14	2,500	SDZ12112	5/16"	#3 PT	0.210"	1800 RPM
12 x 2	14	2,000	SDZ1220	5/16"	#3 PT	0.210"	1800 RPM
12 x 2-1/2	14	1,000	SDZ12212	5/16"	#3 PT	0.210"	1800 RPM
12 x 3	14	1,000	SDZ1230	5/16"	#3 PT	0.210"	1800 RPM

<i>material:</i>	C1022 LOW CARBON STEEL, CORE HARDNESS: HRC 32-40
<i>finish:</i>	Zinc Finish provides 24 hour minimum salt spray corrosion resistance
<i>application:</i>	metal to metal applications.
<i>installation:</i>	Screw gun with depth sensitive nosepiece with installation speed not to exceed 1800 RPM. 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	Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections
SAE J78	Standard for Dimensional, Mechanical and Performance Requirements

Ultimate Value Chart

	DIAMETER	Nom Screw Dia	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	1/8"	3/16"	Min Torsional Strength (Lb)
Tension (Pull-Out) Lbs	12-14	0.216	227	360	480	669	904	1685	2456	92 lbs
Shear (Bearing) Lbs	12-14	0.216	650	960	1280	1672	2191	-	-	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.

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