



# INTERNATIONAL FASTENERS, INC.

## SPEC DATA SUBMITTAL SHEET



### Daggerz™ Self Drill Screws • Hex Washer Head with Bonded Washer • Dagger-Guard Coating™

Size	TPI	Ctn Qty	Daggerz™ Part Number	Drive	Drill Point	Max Drill	Drill Speed
10 x 5/8	16	5,000	<b>NEOSDCT100058</b>	5/16"	#2 PT	0.175"	2500 RPM
10 x 3/4	16	5,000	<b>NEOSDCT10034</b>	5/16"	#3 PT	0.175"	2500 RPM
10 x 1	16	4,000	<b>NEOSDCT1010</b>	5/16"	#3 PT	0.175"	2500 RPM
10 x 1-1/4	16	3,500	<b>NEOSDCT101104</b>	5/16"	#3 PT	0.175"	2500 RPM
10 x 1-1/2	16	3,000	<b>NEOSDCT10112</b>	5/16"	#3 PT	0.175"	2500 RPM
10 x 2	16	2,000	<b>NEOSDCT1020</b>	5/16"	#3 PT	0.175"	2500 RPM
10 x 2-1/2	16	1,500	<b>NEOSDCT10212</b>	5/16"	#3 PT	0.175"	2500 RPM
10 x 3	16	1,000	<b>NEOSDCT1030</b>	5/16"	#3 PT	0.175"	2500 RPM

<i>material:</i>	C1022 LOW CARBON STEEL, CORE HARDNESS: HRC 32-40
<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>	metal to metal applications.
<i>installation:</i>	Screw gun with depth sensitive nosepiece with installation speed not to exceed 2500 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
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	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	Min Torsional Strength (Lb)
Tension (Pull-Out) Lbs	10-16	0.190	234	344	482	614	928	61 lbs
Shear (Bearing) Lbs	10-16	0.190	639	924	1195	1443	1257	61 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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