



INTERNATIONAL FASTENERS, INC.

SPEC DATA SUBMITTAL SHEET



Daggerz™ Sheet Metal Screws • Unslotted Hex Washer Head with Serrations • Dagger-Guard Coating™

Size	TPI	Ctn Qty	Daggerz™ Part Number	Drive	Head	Thread	Point
10 x 1/2	12	10,000	SMCT100128	1/4"	Hex Washer	Double Thread	Pierce
10 x 3/4	12	7,500	SMCT100348	1/4"	Hex Washer	Double Thread	Pierce
10 x 1	12	6,000	SMCT10108	1/4"	Hex Washer	Double Thread	Pierce
10 x 1-1/2	12	3,500	SMCT101128	1/4"	Hex Washer	Double Thread	Pierce
10 x 2	12	2,500	SMCT10208	1/4"	Hex Washer	Double Thread	Pierce
10 x 3	12	1,500	SMCT10308	1/4"	Hex Washer	Double Thread	Pierce
10 x 4	12	1,000	SMCT10408	1/4"	Hex Washer	Double Thread	Pierce

<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, offered in WHITE or BRONZE
<i>application:</i>	light metal exterior 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 is fully seated when the head's bearing surface is flush with the material being attached.

Meets or exceeds the following specifications:

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 C1002	Standard Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs
ASTM F1941	Specification for Electrodeposited Coatings on Threaded Fasteners

Ultimate Value Chart

	DIAMETER	Nom Screw Dia	25 Gauge	22 Gauge	20 Gauge	2 x 4 Red Wood	3/4" particle board	2 x 4 Fir	Min Torsional Strength (Lb)
Tension (Pull) Lbs 1 pc	10-12	0.190	173	-	363	-	-	438	56 lbs
Shear (Metal to Metal)	10-12	0.190	397	-	834	-	-	-	56 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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