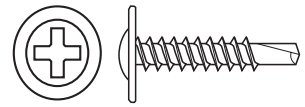




INTERNATIONAL FASTENERS, INC.

SPEC DATA SUBMITTAL SHEET



Daggerz™ Wafer Self Drill Screws • Phillips Modified Truss • 410 Stainless Steel

Size	TPI	Ctn Qty	Daggerz™ Part Number	Drive	Drill Point	Max Drill	Drill Speed
8 x 1/2	18	10,000	MTSDSS08012	#2	#2 PT	0.112"	2500 RPM
8 x 3/4	18	8,000	MTSDSS08034	#2	#2 PT	0.112"	2500 RPM
8 x 1	18	5,000	MTSDSS08100	#2	#2 PT	0.112"	2500 RPM
8 x 1-1/4	18	5,000	MTSDSS081104	#2	#2 PT	0.112"	2500 RPM
8 x 1-5/8	18	4,000	MTSDSS08158	#2	#2 PT	0.112"	2500 RPM
8 x 1-7/8	18	3,000	MTSDSS08178	#2	#2 PT	0.112"	2500 RPM
8 x 2	18	3,000	MTSDSS08200	#2	#2 PT	0.112"	2500 RPM
8 x 2-1/2	18	2,500	MTSDSS08212	#2	#2 PT	0.112"	2500 RPM
8 x 3	18	2,000	MTSDSS08300	#2	#2 PT	0.112"	2500 RPM

<i>material:</i>	410 STAINLESS STEEL, CASE HARDNESS: HV500 MINIMUM
<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 (18)	Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections
ASTM C954 (18)	Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from .033 to 0.112 in. in Thickness
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	8-18	0.164	97	196	285	444	550	924	1100	42 lbs
Shear (Metal to Metal)	8-18	0.164	-	580	829	994	1096	1332	1337	42 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.

MTSDSS.21