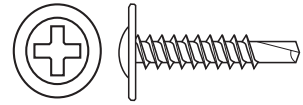




# INTERNATIONAL FASTENERS, INC.

## SPEC DATA SUBMITTAL SHEET



### Daggerz™ Wafer Self Drill Screws • Phillips Modified Truss • Zinc

Size	TPI	Ctn Qty	Daggerz™ Part Number	Drive	Drill Point	Max Drill	Drill Speed
8 x 1/2	18	10,000	<b>MTSDZ08012</b>	#2	#2 PT	0.112"	2500 RPM
8 x 3/4	18	8,000	<b>MTSDZ08034</b>	#2	#2 PT	0.112"	2500 RPM
8 x 1	18	5,000	<b>MTSDZ08100</b>	#2	#2 PT	0.112"	2500 RPM
8 x 1-1/4	18	5,000	<b>MTSDZ081104</b>	#2	#2 PT	0.112"	2500 RPM
8 x 1-5/8	18	4,000	<b>MTSDZ08158</b>	#2	#2 PT	0.112"	2500 RPM
8 x 1-7/8	18	3,000	<b>MTSDZ08178</b>	#2	#2 PT	0.112"	2500 RPM
8 x 2	18	3,000	<b>MTSDZ08200</b>	#2	#2 PT	0.112"	2500 RPM
8 x 2-1/2	18	2,500	<b>MTSDZ08212</b>	#2	#2 PT	0.112"	2500 RPM
8 x 3	18	2,000	<b>MTSDZ08300</b>	#2	#2 PT	0.112"	2500 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 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 C954	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	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	Min Torsional Strength (Lb)
Tension (Pull-Out) Lbs	8-18	0.164	247	358	473	616	824	42 lbs
Shear (Bearing) Lbs	8-18	0.164	604	935	1049	1089	944	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.

MTSDZ08.21