



# INTERNATIONAL FASTENERS, INC.

## SPEC DATA SUBMITTAL SHEET



### Daggerz™ Self Drill Screws • Phillips Pan Framing • Phosphate

Size	TPI	Ctn Qty	Daggerz™ Part Number	Drive	Drill Point	Max Drill	Drill Speed
7 x 7/16	19	15,000	<b>PFSDB07716</b>	#2	#2 PT	0.100"	2500 RPM
7 x 7/16	19	10,000	<b>PFSDB0771610</b>	#2	#2 PT	0.100"	2500 RPM

<i>material:</i>	C1022 LOW CARBON STEEL, CORE HARDNESS: HV240-425
<i>finish:</i>	Phosphate Finish provides 48 hour minimum salt spray corrosion resistance
<i>application:</i>	non load bearing steel framing 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:

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
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	7-19	0.172	-	198	287	446	552	926	1102	30 lbs
Shear (Metal to Metal)	7-19	0.172	-	580	829	994	1096	1332	1337	30 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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