



INTERNATIONAL FASTENERS, INC.

SPEC DATA SUBMITTAL SHEET



Daggerz™ Self Drill Screws • Hex Washer Head • Zinc

| Size | TPI | Ctn Qty | Daggerz™ Part Number | Drive | Drill Point | Max Drill | Drill Speed |
|-----------|-----|---------|----------------------|-------|-------------|-----------|-------------|
| 8 x 1/2 | 18 | 10,000 | SDZ080012 | 1/4" | #2 PT | 0.112" | 2500 RPM |
| 8 x 9/16* | 18 | 10,000 | SDZ08001916 | 1/4" | #2 PT | 0.112" | 2500 RPM |
| 8 x 5/8 | 18 | 10,000 | SDZ080058 | 1/4" | #2 PT | 0.112" | 2500 RPM |
| 8 x 3/4 | 18 | 10,000 | SDZ08034 | 1/4" | #2 PT | 0.112" | 2500 RPM |
| 8 x 1 | 18 | 7,500 | SDZ08100 | 1/4" | #2 PT | 0.112" | 2500 RPM |
| 8 x 1-1/4 | 18 | 5,000 | SDZ081104 | 1/4" | #2 PT | 0.112" | 2500 RPM |
| 8 x 1-1/2 | 18 | 5,000 | SDZ08112 | 1/4" | #2 PT | 0.112" | 2500 RPM |
| 8 x 2 | 18 | 3,000 | SDZ08200 | 1/4" | #2 PT | 0.112" | 2500 RPM |
| 8 x 2-1/2 | 18 | 2,000 | SDZ08212 | 1/4" | #2 PT | 0.112" | 2500 RPM |

* serrations under head

| | |
|----------------------|--|
| <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 |
| 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 | 248 | 431 | 465 | 600 | 743 | 42 lbs |
| Shear (Bearing) Lbs | 8-18 | 0.164 | 583 | 876 | 1030 | 1340 | 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.

SDZ08.21