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ICC-ES Listing Report ESL-1128

Reissued March 2026

This listing is subject to renewal in March 2027.

CSI: DIVISION: 05 00 00 – METALS
Section: 05 05 23 – Metal Fastenings

DIVISION: 09 00 00 – FINISHES
Section: 09 22 16.23 – Fasteners

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: DAGGERZ™ BRAND CONSTRUCTION FASTENERS

Listee: INTERNATIONAL FASTENERS, INC.

Evaluation: International Fasteners, Inc. Daggerz™ Brand Construction Fasteners are self-drilling tapping screws having a Phillips Bugle Head (PBH), Phillips Modified Truss Head (PMTH) or Phillips Wafer Head (PWH). The screws are manufactured from carbon steel wire conforming to ASTM A510 Grade 1022 and are heat treated and case hardened. The screws have an electroplated zinc coating, phosphate coating or proprietary corrosion resistant coating identified as Dagger-Guard. The screws were evaluated for compliance with the following standards:

- ASTM C954-18, ASTM C954-15, ASTM C954-11, and ASTM C954-07, Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 inch (0.84 mm) to 0.112 inch (2.84 mm) in Thickness, ASTM International.

Findings: International Fasteners, Inc. Daggerz™ Brand Construction Fasteners have met the physical and performance requirements of ASTM C954, when tested in accordance with Sections 5 and 6 of ASTM C954, respectively. See Table 1 and Figure 1 for screw descriptions and depictions, including sizes, head styles, point styles, drilling capacities and finishes for the screws. The PBH and PWH screws comply with ASTM C954 for use in fastening gypsum board to cold-formed steel framing 0.033 inch to 0.112 inch (0.80 to 2.8 mm) thick and the PMTH screws comply with ASTM C954 for use in fastening metal plaster bases to cold-formed steel framing 0.033 inch to 0.112 inch (0.80 to 2.8 mm). Screws complying with ASTM C954 are referenced in the applicable sections of the following codes:

- 2021 and 2018 *International Building Code*® (IBC)
  Applicable Sections: 2211, 2506 and 2507
  - Referenced Standard AISI S240 (as referenced in IBC Section 2211)
    Applicable Sections: B1.5.1.4, B5.2.2.3.4
  - Referenced Standard AISI S400 (as referenced in IBC Section 2211)
    Applicable Sections: E5.4.1.1, E6.4.1.1
- 2015 and 2012 *International Building Code*® (IBC)
  Applicable Sections: 2211, 2506 and 2507
  - Referenced Standard AISI S213 (referenced in IBC Section 2211.6)
    Applicable Section: C2.2.3

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- 2021, 2018 and 2015 *International Residential Code*® (IRC)
  Applicable Sections: R505.2.5, R603.2.5, R702.3.5.1, R804.2.5
- 2012 *International Residential Code*® (IRC)
  Applicable Sections: R505.2.4, R603.2.4, R702.3.6, R804.2.4
- 2020 *City of Los Angeles Building Code* (LABC)

  Applicable Sections: 2211, 2506, and 2507
  - Referenced Standard AISI S240 (as referenced in LABC Section 2211)
    Applicable Sections: B1.5.1.4, B5.2.2.3.4
  - Referenced Standard AISI S400 (as referenced in LABC Section 2211)
    Applicable Sections: E5.4.1.1, E6.4.1.1
- 2020 *City of Los Angeles Residential Code* (LARC)

  Applicable Section: R505.2.5, R603.2.5, R702.3.5.1, and R804.2.5
- 2020 *Florida Building Code*® (FBC) - *Building*
  Applicable Sections: 2211, 2506 and 2507
  - Referenced Standard AISI S240 (as referenced in IBC Section 2211)
    Applicable Sections: B1.5.1.4, B5.2.2.3.4
  - Referenced Standard AISI S400 (as referenced in IBC Section 2211)
    Applicable Sections: E5.4.1.1, E6.4.1.1
- 2020 *Florida Building Code*® (FBC) - *Residential*
  Applicable Sections: R505.2.5, R603.2.5, R702.3.5.1, R804.2.5

Identification:

1. The Daggerz™ Brand Construction Fasteners are marked with a 'D' and a 'Z' on the top surface of the screw heads, as shown in Figure 1. Each box of Daggerz™ Brand Construction Fasteners are labeled with the report holder's name (International Fasteners, Inc.), part number, nominal screw size, nominal screw length, point type, finish and the listing report number (ESL-1128).
2. The report holder's contact information is the following:

   INTERNATIONAL FASTENERS, INC.
   1341 MASSARO BOULEVARD
   TAMPA, FLORIDA 33619
   (813) 241-0203
   www.daggerz.com

Installation: The International Fasteners, Inc. Daggerz™ Brand Construction Fasteners must be installed in accordance with the International Fasteners, Inc.'s published installation instructions and applicable codes.

The screws must be installed perpendicular to the work surface, using a screw driving tool with a depth-sensitive nosepiece and a maximum speed of 2,500 rpm. The screw must penetrate through the supporting steel with a minimum of three threads protruding past the back side of the supporting steel.

Conditions of listing:

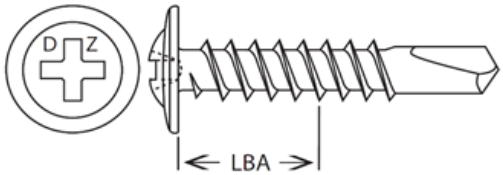
1. The listing report addresses only conformance with the standards and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing report applies only to the International Fasteners, Inc. Daggerz™ Brand Construction Fasteners tested and as submitted for review by ICC-ES.
4. The International Fasteners, Inc. Daggerz™ Brand Construction Fasteners are manufactured under a quality control program with inspections by ICC-ES.

TABLE 1—INTERNATIONAL FASTENERS, INC. DAGGERZ™ SELF DRILLING SCREWS

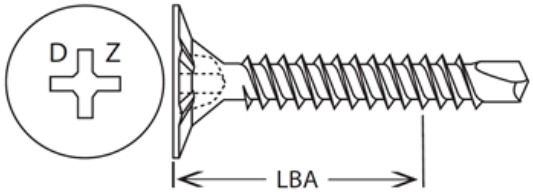
PART NUMBER[3]	DESCRIPTION (Nominal Size – TPI, Head Style)[1]	Nominal Head Diameter (inch)	Nominal Screw Diameter (inch)	Point Number	Minimum Required Protrusion[4] (inch)	Coating[2]
CMSD08###	8-18 PWH	0.379	0.164	2	0.385	DG
DWSDB06###	6-20 PBH	0.319	0.138	2	0.332	PHOS
DWSDB08###	8-18 PBH	0.325	0.164	2	0.401	PHOS
DWSDCT06###	6-20 PBH	0.319	0.138	2	0.332	DG
DWSDCT08###	8-18 PBH	0.325	0.164	2	0.364	DG
DWSDCT10###	10-16 PBH	0.341	0.190	3	0.458	DG
DWSDZ06###	6-20 PBH	0.319	0.138	2	0.332	ZINC3
DWSDZ08###	8-18 PBH	0.325	0.164	2	0.364	ZINC3
DWSDZ10###	10-16 PBH	0.341	0.190	3	0.458	ZINC3
MTSDB08###	8-18 PMTH	0.437	0.164	2	0.362	PHOS
MTSDZ08###	8-18 PMTH	0.437	0.164	2	0.364	ZINC3
MTSDZ10###	10-16 PMTH	0.437	0.190	3	0.455	ZINC3
MTSDZ12###	12-14 PMTH	0.437	0.216	3	0.519	ZINC3

For **SI:** 1 inch = 25.4 mm.

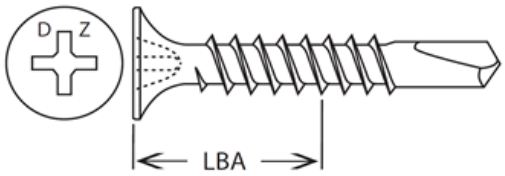
[1]Head style abbreviations: PWH = Philips Wafer Head; PBH = Phillips Bugle Head; PMTH = Phillips Modified Truss Head; TPI denotes thread per inch.
[2]Coating abbreviations: ZINC3 = Zinc-RoHS compliant; DG = Dagger-Guard; PHOS= phosphate coating (gray to black).
[3] ### in the product designation denotes digits representing screw length.
[4] LBA = the load bearing area, see Figure 1; LBA is the overall screw length (###) minus the minimum required protrusion length.



PHILLIPS MODIFIED TRUSS HEAD (PMTH) - PART NO. MTSD



PHILLIPS WAFER HEAD (PWH) - PART NO. CMSD



PHILLIPS BUGLE HEAD (PBH) - PART NO. DWSD

FIGURE 1—DAGGERZ™ SELF DRILLING FASTENERS WITH EXAMPLE HEAD MARKINGS