EJOT Self Drilling Screw JT2H-DP5 #12-24x1-3/4

Product Specifications

- Threads Per Inch: 24
- Head Style: HWH
- Material: Alloy Steel ASTM A29 dual heat treated Grade 5
- Drill Capacity: 0.125”-0.500”
- Thread Major Dia: 0.215” (5.46 mm)
- Thread Minor Dia: 0.173” (4.40mm)
- Corrosion protection: Salt spray 1000 hrs without red rust per ASTM B117

Installation and Application

1. Do not use impact drivers.
2. The fasteners can be engaged in a steel substrate using a 5/6” hex socket bit and a clutch screw gun. The fastener should be installed with 0-1800 rpm max. Be cautious as not to over drive the fastener and make sure that the thread is engaged with the base material.
3. To have enough penetration, ensure that first three full threads behind the drill point protrude through the base material.

Storage

Fasteners should be stored in the original packaging.

Precautions

Always use eye protection to reduce safety risks.

Certifications

ICC-ES Report ESR-4849

Product Properties

Steel gauge	Ultimate Pull Out Strength (lbf)
12ga	1023
3/16”	2853
3/8”	3744

Steel gauge	Ultimate Pullover Strength (lbf)
12ga	3122
3/8”	3760

Ultimate Tensile Strength (lbf)
3792

Ultimate Shear Strength (lbf)
2289

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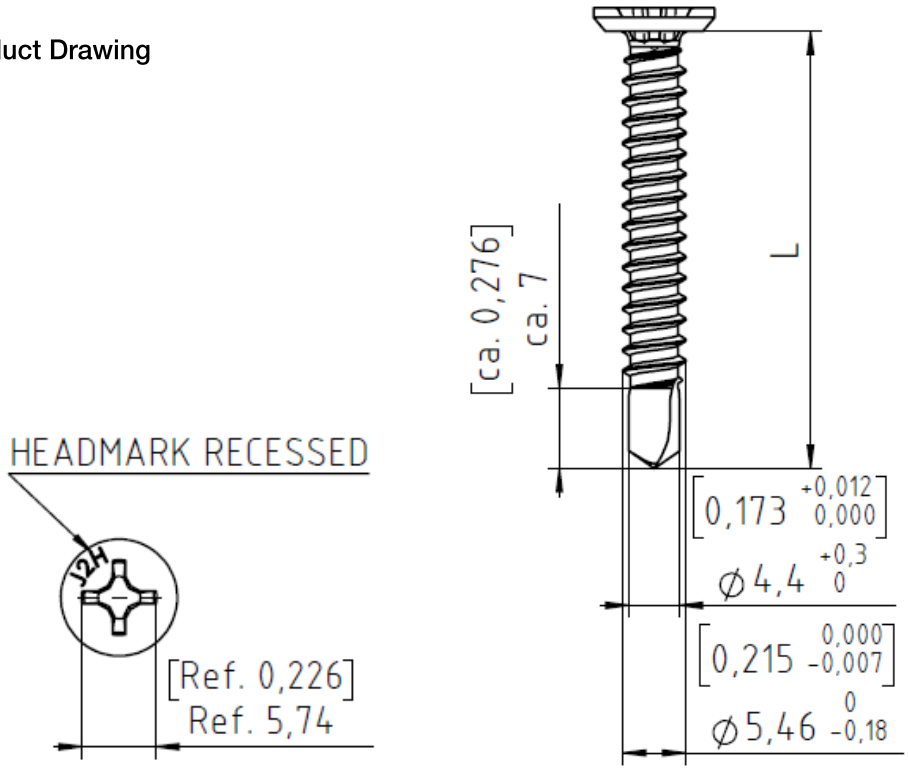
Product Properties

Steel gauge	Lap shear (lbf)
24G/12G	675
18G/12G	2159
16G/14G	1980
14G/16G	1734
12G/24G	627
12G/22G	851
12G/20G	1034
12G/18G	1627
11G/26G	338
11G/18G	1408
11G/12G	2049

Product Available Lengths and SKU #s

Description	Length (L)	Thread Length (L1) inch	Sku #
#12–24 X 1–3/4	1–3/4	Fully Threaded	3555558576

Product Drawing



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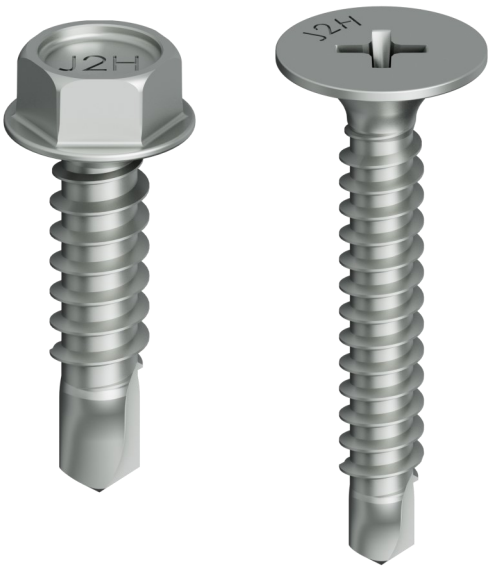

Applications and Properties

> JT2 is designed to drill quickly, easily, and consistently into 0.036” to 0.187”

> Available in lengths from 3/4” to 1-1/2” and is available with DB/s extra thick 5 micron electro zinc plating or in DB’s Mag Life Coating

> Available with or without our EPDM Sealing Washer bonded to Galvanized Steel back to help prevent leaks.

Article number	Size	Head Diameter (inch)	Drill Point	Head Size	Head Style	Drilling Capacity (inch)
3555558352	10–16 X 3/4	0.400	3	5/16	Hex	0.036–0.175
3555558355	10–16 X 1–1/2	0.400	3	5/16	Hex	0.036–0.175
3555558356	10–16 X 2	0.400	3	5/16	Hex	0.036–0.175
3555558357	10–16 X 2–1/2	0.400	3	5/16	Hex	0.036–0.175
3555559352	10–16 X 3/4	0.370	3	2	PPH	0.036–0.175
3555559362	10–16 X 3/4	0.470	3	2	PWH	0.036–0.175
3555559364	10–16 X 1–1/4	0.470	3	2	PWH	0.036–0.175
3555558372	12–14 X 7/8	0.420	3	5/16	Hex	0.036–0.175
3555558373	12–14 X 1	0.420	3	5/16	Hex	0.036–0.175
3555558374	12–14 X 1–1/4	0.420	3	5/16	Hex	0.036–0.175
3555558375	12–14 X 1–1/2	0.420	3	5/16	Hex	0.036–0.175
3555558376	12–14 X 2	0.420	3	5/16	Hex	0.036–0.175
3555558377	12–14 X 2–1/2	0.420	3	5/16	Hex	0.036–0.175
3555558378	12–14 X 3	0.420	3	5/16	Hex	0.036–0.175
3555558272	12–14 X 7/8	0.420	2	5/16	Hex	0.030–0.110

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Article number	Size	Head Diameter (inch)	Drill Point	Head Size	Head Style	Drilling Capacity (inch)
3555558273	12-14 X 1	0.420	2	5/16	Hex	0.030-0.110
3555558274	12-14 X 1-1/4	0.420	2	5/16	Hex	0.030-0.110
3555558275	12-14 X 1-1/2	0.420	2	5/16	Hex	0.030-0.110
3555558276	12-14 X 2	0.420	2	5/16	Hex	0.030-0.110
3555559373	12-14 X 1	0.400	3	3	PUFH	0.036-0.175
3555559374	12-14 X 1-1/4	0.400	3	3	PUFH	0.036-0.175
3555559375	12-14 X 1-1/2	0.400	3	3	PUFH	0.036-0.175
3555558576	12-24 X 1-3/4	0.420	5	5/16	Hex	0.125-0.500
3555558393	1/4-14 X 1	0.500	3	3/8	Hex	0.036-0.175
3555558395	1/4-14 X 1-1/2	0.500	3	3/8	Hex	0.036-0.175
3555558396	1/4-14 X 2	0.500	3	3/8	Hex	0.036-0.175
3555558494	1/4-20 X 1-1/8	0.500	4	3/8	Hex	0.125-0.250
3555558495	1/4-20 X 1-1/2	0.500	4	3/8	Hex	0.125-0.250
3555558496	1/4-20 X 2	0.500	4	3/8	Hex	0.125-0.250
3555558497	1/4-20 X 2-1/2	0.500	4	3/8	Hex	0.125-0.250
3555558498	1/4-20 X 3-3/8	0.500	4	3/8	Hex	0.125-0.250
3555558499	1/4-20 X 4	0.500	4	3/8	Hex	0.125-0.250
3555558596	1/4-20 X 1-3/4	0.500	5	3/8	Hex	0.125-0.500
3555559498	1/4-20 X 3	0.460	4	3	PUFH	0.125-0.250
3555559499	1/4-20 X 4	0.460	4	3	PUFH	0.125-0.250
3555558405	5/16-24 X 1-1/2	0.520	4	3/8	Hex	0.125-0.250
3555558406	5/16-24 X 2	0.520	4	3/8	Hex	0.125-0.250
3555558409	5/16-24 X 3-1/4	0.520	4	3/8	Hex	0.125-0.250

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