EJOT Self Drilling Screw JT3-DP2 #12-14xL

Product Specifications

- Threads Per Inch: 14
- Head Style: Hex head
- Material: Austenitic Steel A2/Steel
- Drill Capacity: 0.030”-0.110”
- Thread Major Dia: 0.215” (5.46 mm)
- Thread Minor Dia: 0.169” (4.3 mm)
- Provide better corrosion resistance in comparison to carbon steel and 410 series stainless steel fasteners

Installation and Application

1. Do not use impact drivers.
2. The fasteners can be engaged in a steel substrate using a 5/16” Hex drive and a clutch screw gun. The fastener should be installed with 0-2500 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)
20ga	191
14ga	527
3/16”	1400
3/8”	2038

Steel gauge	Ultimate Pullover Strength (lbf)
24ga	724
20ga	967
16ga	2035
12ga	2684

Ultimate Tensile Test Strength	Ultimate Shear Strength (lbf)
1983	1496

EJOT Self Drilling Screw JT3-DP2 #12-14xL

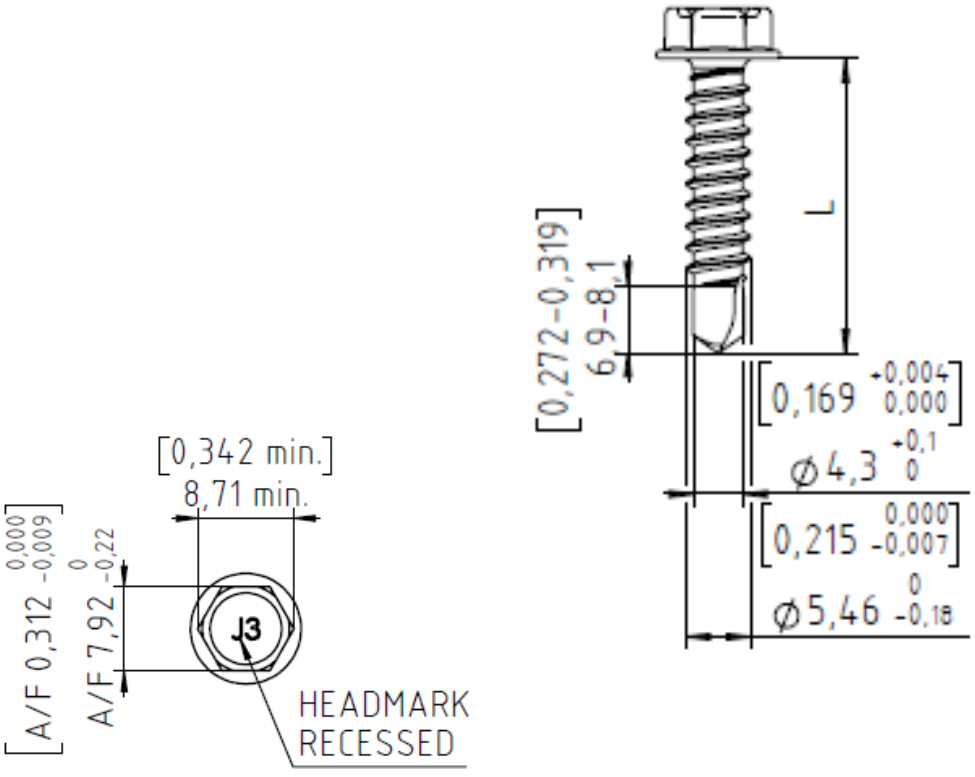
Product Properties

Steel gauge	Lap shear (lbf)
26G/26G	272
26G/22G	581
26G/18G	429
26G/14G	432
26G/1–8”	462
18G/26G	447
18G/22G	939
18G/18G	939
18G/14G	1674
18G/1–8”	1670
12G/26G	989
12G/22G	2269
12G/18G	1864
12G/1–8”	1783

Product Selection

Order Description	Length (L) Inch	Thread Length (L1) inch	Part No.
JT3–DP2 #12–14 X 1”	1”	Fully Threaded	3555554273
JT3–DP2 #12–14 X 1–1/2”	1–1/2”	Fully Threaded	3555554275
JT3–DP2 #12–14 X 2”	2”	Fully Threaded	3555554276
JT3–DP2 #12–14 X 2–1/2”	2–1/2”	Fully Threaded	3555554277

Product Drawing



The data sheet highlights EJOT products and specifications. The mentioned values are subject to change without notice and are based on tested samples that may vary within applicable tolerances. EJOT takes responsibility for ensuring that the quality materials meets published EJOT product specifications. EJOT does not accept any liability for structural failure or resultant damages. A structural engineer should be consulted with before installation to ensure structural soundness or structural ability. No EJOT representative is authorized to vary this disclaimer.

EJOT Self Drilling Screw JT3

Applications and Properties

- JT3 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)
3555555355	10–16 X 1–1/2*	0.370	3	2	PFH	0.036–0.175
3555555252	10–16 X 3/4	0.370	3	2	PPH	0.030–0.110
3555555253	10–16 X 1	0.370	3	2	PPH	0.030–0.110
3555555263	10–16 X 1	0.440	2	2	PPCH	0.030–0.110
3555554352	10–16 X 3/4	0.410	3	5/16	Hex	0.036–0.175
3555554353	10–16 X 1	0.410	3	5/16	Hex	0.036–0.175
3555554355	10–16 X 1–1/2	0.410	3	5/16	Hex	0.036–0.175
3555555373	12–14 X 1	0.420	3	3	PUFH	0.036–0.175
3555555374	12–14 X 1–1/4	0.420	3	3	PUFH	0.036–0.175
3555555375	12–14 X 1–1/2	0.420	3	3	PUFH	0.036–0.175
3555554273	12–14 X 1	0.410	2	5/16	Hex	0.030–0.110
3555554275	12–14 X 1–1/2	0.410	2	5/16	Hex	0.030–0.110
3555554276	12–14 X 2	0.410	2	5/16	Hex	0.030–0.110
3555554277	12–14 X 2–1/2	0.410	2	5/16	Hex	0.030–0.110
3555554373	12–14 X 1	0.410	3	5/16	Hex	0.036–0.175

EJOT Self Drilling Screw JT3

Article number	Size	Head Diameter (inch)	Drill Point	Head Size	Head Style	Drilling Capacity (inch)
3555554374	12–14 X 1–1/4	0.410	3	5/16	Hex	0.036–0.175
3555554375	12–14 X 1–1/2	0.410	3	5/16	Hex	0.036–0.175
3555554376	12–14 X 2	0.410	3	5/16	Hex	0.036–0.175
3555554377	12–14 X 2–3/4	0.410	3	5/16	Hex	0.036–0.175
3555554378	12–14 X 3–1/2	0.410	3	5/16	Hex	0.036–0.175
3555554379	12–14 X 4–3/8	0.410	3	5/16	Hex	0.036–0.175
3555554283	12–14 X 1	0.460	2	TX25	BH	0.030–0.110
3555554286	12–14 X 2	0.460	2	TX25	BH	0.030–0.110
3555554383	12–14 X 1	0.460	3	TX25	BH	0.036–0.175
3555554384	12–14 X 1–3/8	0.460	3	TX25	BH	0.036–0.175
3555554385	12–14 X 1–1/2	0.460	5	TX25	BH	0.125–0.500
3555555273	12–14 X 1	0.420	2	3	PUFH	0.030–0.110
3555555274	12–14 X 1–1/4	0.420	2	3	PUFH	0.030–0.110
3555555275	12–14 X 1–1/2	0.420	2	3	PUFH	0.030–0.110
3555554585	12–24 X 1–3/4	0.410	5	5/16	Hex	0.125–0.500
3555554587	12–24 X 2–1/4	0.410	5	5/16	Hex	0.125–0.500
3555554588	12–24 X 3	0.410	5	5/16	Hex	0.125–0.500
3555554589	12–24 X 4	0.410	5	5/16	Hex	0.125–0.500
3555555575	12–24 X 1–3/4*	0.420	5	3	PFH	0.125–0.500
3555555577	12–24 X 2–1/2*	0.420	5	3	PFH	0.125–0.500
3555555578	12–24 X 2–13/16*	0.420	5	3	PFH	0.125–0.500
3555555298	1/4–14 X 3	0.420	3	3	PUFH	0.036–0.175
3555555299	1/4–14 X 4	0.420	3	3	PUFH	0.036–0.175

EJOT Self Drilling Screw JT3

Article number	Size	Head Diameter (inch)	Drill Point	Head Size	Head Style	Drilling Capacity (inch)
3555554393	1/4–14 X 1	0.500	3	3/8	Hex	0.036–0.175
3555554395	1/4–14 X 1–1/2	0.500	3	3/8	Hex	0.036–0.175
3555554396	1/4–14 X 2	0.500	3	3/8	Hex	0.036–0.175
3555554397	1/4–14 X 2–1/2	0.500	3	3/8	Hex	0.036–0.175
3555554398	1/4–14 X 3	0.500	3	3/8	Hex	0.036–0.175
3555554399	1/4–14 X 4	0.500	3	3/8	Hex	0.036–0.175
3555554596	1/4–20 X 2	0.500	5	3/8	Hex	0.125–0.500
3555554598	1/4–20 X 3	0.500	5	3/8	Hex	0.125–0.500
3555554599	1/4–20 X 4	0.500	5	3/8	Hex	0.125–0.500
3555554600	1/4–20 X 5	0.500	5	3/8	Hex	0.125–0.500
3555554601	1/4–20 X 6	0.500	5	3/8	Hex	0.125–0.500
3555554602	1/4–20 X 7	0.500	5	3/8	Hex	0.125–0.500
3555554603	1/4–20 X 8	0.500	5	3/8	Hex	0.125–0.500
3555555597	1/4–20 X 2–13/16	0.480	5	3	PFH	0.125–0.500

The data sheet highlights EJOT products and specifications. The mentioned values are subject to change without notice and are based on tested samples that may vary within applicable tolerances. EJOT takes responsibility for ensuring that the quality materials meets published EJOT product specifications. EJOT does not accept any liability for structural failure or resultant damages. A structural engineer should be consulted with before installation to ensure structural soundness or structural ability. No EJOT representative is authorized to vary this disclaimer.