

# EJOT Self Drilling Screw JT3-DP3 1/4-14xL



## Product Specifications

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- > Threads Per Inch: 14
- > Head Style: Hex Head
- > Material: Austenitic Steel A2/Steel
- > Drill Capacity: 0.036"-0.175"
- > Thread Major Dia: 0.246" (6.25 mm)
- > Thread Minor Dia: 0.213" (5.4 mm)
- > Corrosion protection: Salt spray 1000 hrs without red rust per ASTM B117

## Installation and Application

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1. Do not use impact drivers.
2. The fasteners can be engaged in a steel substrate using a 3/8" Hex drive and a clutch screw gun. The fastener should be installed with 0-2000 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.

## Product Properties

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Steel gauge	Ultimate Pull Out Strength (lbf)	Steel gauge	Ultimate Pullover Strength (lbf)	Ultimate Tensile Test Strength (lbf)	Ultimate Shear Strength (lbf)
20ga	220	20ga	1315	3721	2649
14ga	806	14ga	3616		
3/8"	3253	3/16"	3701		

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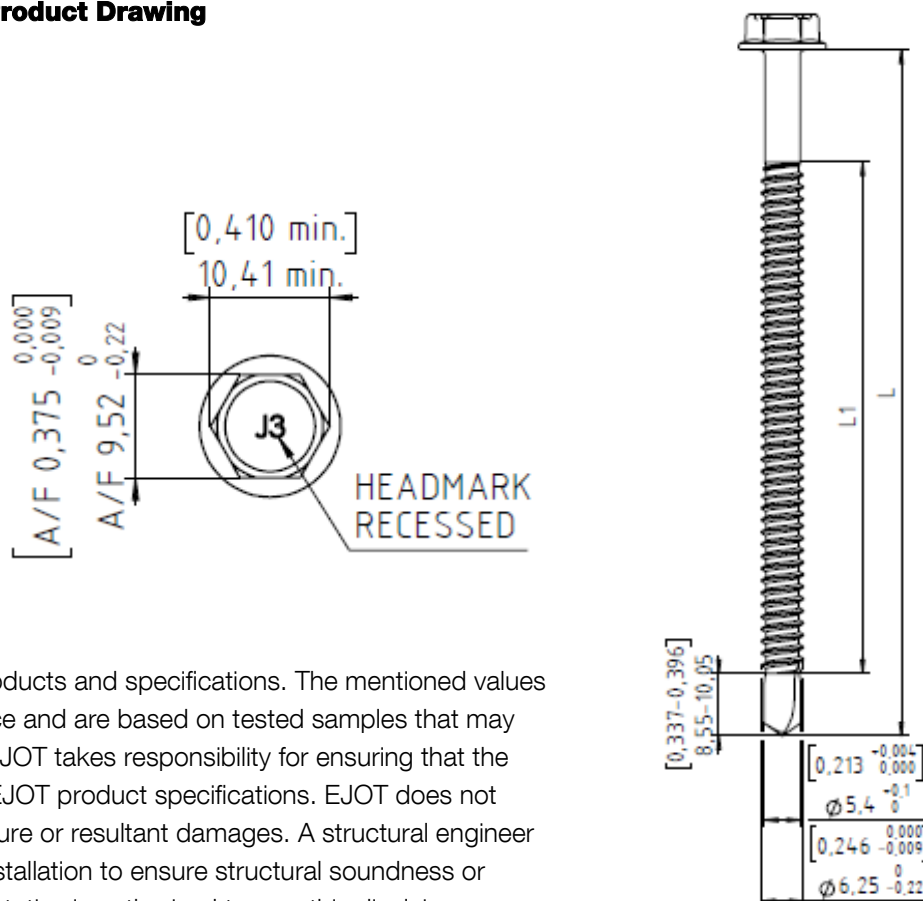
## Product Properties

Steel gauge	Lap shear (lbf)
26G/26G	264
26G/22G	424
26G/18G	336
26G/14G	285
26G/1-8"	250
18G/26G	525
18G/22G	880
18G/18G	1070
18G/14G	1720
18G/1-8"	1404
16G/12G	2296
14G/14G	2436
12G/26G	609
12G/22G	1046
12G/18G	2209

## Product Selection

Order Description	Length (L) Inch	Thread Length (L1) inch	Part No.
JT3-DP3 1/4-14 X 1"	1"	Fully threaded	3555554293
JT3-DP3 1/4-14 X 1-1/2"	1-1/2"	Fully threaded	3555554295
JT3-DP3 1/4-14 X 2"	2"	Fully threaded	3555554296
JT3-DP3 1/4-14 X 2-1/2"	2-1/2"	Fully threaded	3555554297
JT3-DP3 1/4-14 X 3"	3"	Fully threaded	3555554298
JT3-DP3 1/4-14 X 4"	4"	2.99	3555554299

## 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)
355555355	10-16 X 1-1/2*	0.370	3	2	PFH	0.036-0.175
355555252	10-16 X 3/4	0.370	2	2	PPH	0.030-0.110
355555253	10-16 X 1	0.370	2	2	PPH	0.030-0.110
355555263	10-16 X 1	0.440	2	2	PPCH	0.030-0.110
355554352	10-16 X 3/4	0.410	3	5/16	Hex	0.036-0.175
355554353	10-16 X 1	0.410	3	5/16	Hex	0.036-0.175
355554355	10-16 X 1-1/2	0.410	3	5/16	Hex	0.036-0.175
355555373	12-14 X 1	0.420	3	3	PUFH	0.036-0.175
355555374	12-14 X 1-1/4	0.420	3	3	PUFH	0.036-0.175
355555375	12-14 X 1-1/2	0.420	3	3	PUFH	0.036-0.175
355554273	12-14 X 1	0.410	2	5/16	Hex	0.030-0.110
355554275	12-14 X 1-1/2	0.410	2	5/16	Hex	0.030-0.110
355554276	12-14 X 2	0.410	2	5/16	Hex	0.030-0.110
355554277	12-14 X 2-1/2	0.410	2	5/16	Hex	0.030-0.110
355554373	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)
355554393	1/4-14 X 1	0.500	3	3/8	Hex	0.036-0.175
355554395	1/4-14 X 1-1/2	0.500	3	3/8	Hex	0.036-0.175
355554396	1/4-14 X 2	0.500	3	3/8	Hex	0.036-0.175
355554397	1/4-14 X 2-1/2	0.500	3	3/8	Hex	0.036-0.175
355554398	1/4-14 X 3	0.500	3	3/8	Hex	0.036-0.175
355554399	1/4-14 X 4	0.500	3	3/8	Hex	0.036-0.175
355554596	1/4-20 X 2	0.500	5	3/8	Hex	0.125-0.500
355554598	1/4-20 X 3	0.500	5	3/8	Hex	0.125-0.500
355554599	1/4-20 X 4	0.500	5	3/8	Hex	0.125-0.500
355554600	1/4-20 X 5	0.500	5	3/8	Hex	0.125-0.500
355554601	1/4-20 X 6	0.500	5	3/8	Hex	0.125-0.500
355554602	1/4-20 X 7	0.500	5	3/8	Hex	0.125-0.500
355554603	1/4-20 X 8	0.500	5	3/8	Hex	0.125-0.500
355555597	1/4-20 X 2-13/16	0.480	5	3	PFH	0.125-0.500

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