

# EJOT Self Drilling Screw JT2-DP3 HIW #12-14xL



## Product Specifications

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- > Threads Per Inch: 14
- > Head Style: Hex Integrated Washer Head
- > Material: Carbon Steel SAE 1018/SAE 1022, Case Hardened
- > Drill Capacity: 0.036"-0.175"
- > Thread Major Dia: 0.215" (5.46 mm)
- > Thread Minor Dia: 0.181" (4.60 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 5/16" hex socket bit 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) |
|-------------|----------------------------------|
| 20ga        | 209                              |
| 12ga        | 1145                             |

| Steel gauge | Ultimate Pullover Strength (lbf) |
|-------------|----------------------------------|
| 20ga        | 1482                             |
| 16ga        | 2465                             |
| 12ga        | 3107                             |

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### Ultimate Tensile Test Strength (lbf)

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3490

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### Ultimate Shear Test Strength (lbf)

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2135

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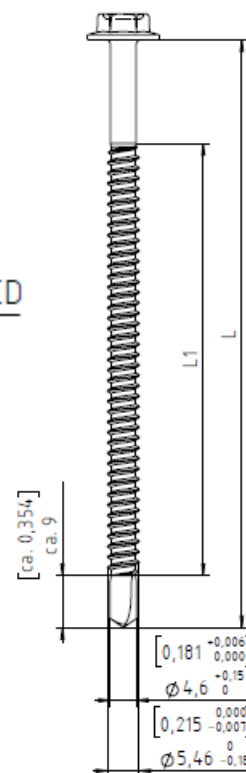
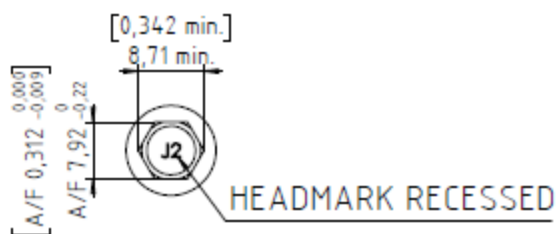
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## Product Properties

| Steel gauge | Lap shear (lbf) |
|-------------|-----------------|
| 11G/26G     | 314             |
| 11G/18G     | 1589            |
| 11G/12G     | 1819            |
| 14G/26G     | 305             |
| 14G/18G     | 1674            |
| 14G/12G     | 2153            |
| 18G/26G     | 314             |
| 18G/18G     | 1070            |
| 18G/12G     | 2501            |
| 22G/26G     | 349             |
| 22G/18G     | 932             |
| 22G/12G     | 1238            |
| 26G/26G     | 295             |
| 26G/18G     | 492             |
| 26G/12G     | 535             |

## Product Available Lengths and SKU #s

| Order Description      | Length (L)<br>Inch | Thread Length (L1)<br>inch | Part No.   |
|------------------------|--------------------|----------------------------|------------|
| JT2-DP3 -#12-14x 1-1/4 | 1-1/4              | Fully threaded             | 3555559503 |
| JT2-DP3 -#12-14x 1-1/2 | 1-1/2              | Fully threaded             | 3555559504 |



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# Self drilling screw JT2



## 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) |
|----------------|---------------|----------------------|-------------|-----------|------------|--------------------------|
| 3555550150     | 10-16 x 3/4   | 0.400                | 1           | 5/16      | Hex        | 0.018-0.095              |
| 3555550350     | 10-16 x 1/2   | 0.400                | 3           | 5/16      | Hex        | 0.036-0.175              |
| 3555550351     | 10-16 x 5/8   | 0.400                | 3           | 5/16      | Hex        | 0.036-0.175              |
| 3555550352     | 10-16 x 3/4   | 0.400                | 3           | 5/16      | Hex        | 0.036-0.175              |
| 3555550353     | 10-16 x 1     | 0.400                | 3           | 5/16      | Hex        | 0.036-0.175              |
| 3555550354     | 10-16 x 1 1/4 | 0.400                | 3           | 5/16      | Hex        | 0.036-0.175              |
| 3555550355     | 10-16 x 1 1/2 | 0.400                | 3           | 5/16      | Hex        | 0.036-0.175              |
| 3555551357     | 10-16 x 3/4   | 0.370                | 3           | 2         | PPH        | 0.036-0.175              |
| 3555551358     | 10-16 x 1     | 0.370                | 3           | 2         | PPH        | 0.036-0.175              |
| 3555550372     | 12-14 x 3/4   | 0.470                | 3           | 5/16      | Hex        | 0.036-0.210              |
| 3555550373     | 12-14 x 1     | 0.470                | 3           | 5/16      | Hex        | 0.036-0.210              |
| 3555550374     | 12-14 x 1 1/4 | 0.470                | 3           | 5/16      | Hex        | 0.036-0.210              |
| 3555550375     | 12-14 x 1 1/2 | 0.470                | 3           | 5/16      | Hex        | 0.036-0.210              |
| 3555550376     | 12-14 x 2     | 0.470                | 3           | 5/16      | Hex        | 0.036-0.210              |
| 3555550377     | 12-14 x 2 1/2 | 0.470                | 3           | 5/16      | Hex        | 0.036-0.210              |

# Self drilling screw JT2

| Article number | Size           | Head Diameter (inch) | Drill Point | Head Size | Head Style | Drilling Capacity (inch) |
|----------------|----------------|----------------------|-------------|-----------|------------|--------------------------|
| 3555550378     | 12-14 x 3      | 0.470                | 3           | 5/16      | Hex        | 0.036-0.210              |
| 3555550379     | 12-14 x 4      | 0.470                | 3           | 5/16      | Hex        | 0.036-0.210              |
| 3555551374     | 12-14 x 1 1/4  | 0.550                | 3           | 5/16      | HWH        | 0.036-0.210              |
| 3555551375     | 12-14 x 1 1/2  | 0.550                | 3           | 5/16      | HWH        | 0.036-0.210              |
| 3555550775     | 12-14 x 1 1/2  | 0.470                | 7           | 5/16      | Hex        | 0.375-0.500              |
| 3555550776     | 12-14 x 2      | 0.470                | 7           | 5/16      | Hex        | 0.125-0.500              |
| 3555550778     | 12-14 x 3      | 0.470                | 7           | 5/16      | Hex        | 0.125-0.500              |
| 3555550472     | 12-24 x 7/8    | 0.470                | 4           | 5/16      | Hex        | 0.125-0.312              |
| 3555550574     | 12-24 x 1 1/4  | 0.470                | 5           | 5/16      | Hex        | 0.125-0.500              |
| 3555550575     | 12-24 x 1 1/2  | 0.470                | 5           | 5/16      | Hex        | 0.125-0.500              |
| 3555550576     | 12-24 x 2      | 0.470                | 5           | 5/16      | Hex        | 0.125-0.500              |
| 3555550192     | 1/4-14 x 7/8   | 0.470                | 1           | 5/16      | Hex        | 0.030-0.095              |
| 3555550393     | 1/4-14 x 7/8   | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550394     | 1/4-14 x 1     | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550395     | 1/4-14 x 1 1/4 | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550396     | 1/4-14 x 1 1/2 | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550397     | 1/4-14 x 2     | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550398     | 1/4-14 x 2 1/2 | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550399     | 1/4-14 x 3     | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550400     | 1/4-14 x 3 1/2 | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550401     | 1/4-14 x 4     | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550402     | 1/4-14 x 5     | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550403     | 1/4-14 x 6     | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |

# Self drilling screw JT2

| Article number | Size         | Head Diameter (inch) | Drill Point | Head Size | Head Style | Drilling Capacity (inch) |
|----------------|--------------|----------------------|-------------|-----------|------------|--------------------------|
| 3555550404     | 1/4-14 x 7   | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555550405     | 1/4-14 x 8   | 0.470                | 3           | 3/8       | Hex        | 0.036-0.210              |
| 3555551192     | 1/4-14 x 7/8 | 0.550                | 1           | 5/16      | HWH        | 0.030-0.095              |
| 3555551293     | 1/4-14 x 1   | 0.620                | 3           | 3         | SPCH       | 0.036-0.210              |
| 3555551294     | 1/4-14 x 2   | 0.620                | 3           | 3         | SPCH       | 0.036-0.210              |
| 3555551295     | 1/4-14 x 3   | 0.620                | 3           | 3         | SPCH       | 0.036-0.210              |
| 3555551296     | 1/4-14 x 4   | 0.620                | 3           | 3         | SPCH       | 0.036-0.210              |
| 3555551297     | 1/4-14 x 5   | 0.620                | 3           | 3         | SPCH       | 0.036-0.210              |
| 3555551298     | 1/4-14 x 6   | 0.620                | 3           | 3         | SPCH       | 0.036-0.210              |
| 3555551299     | 1/4-14 x 7   | 0.620                | 3           | 3         | SPCH       | 0.036-0.210              |
| 3555551311     | 1/4-14 x 8   | 0.620                | 3           | 3         | SPCH       | 0.036-0.210              |
| 3555550598     | 1/4-20 x 3   | 0.470                | 5           | 3/8       | Hex        | 0.125-0.500              |
| 3555550599     | 1/4-20 x 4   | 0.470                | 5           | 3/8       | Hex        | 0.125-0.500              |
| 3555550600     | 1/4-20 x 5   | 0.470                | 5           | 3/8       | Hex        | 0.125-0.500              |
| 3555550601     | 1/4-20 x 6   | 0.470                | 5           | 3/8       | Hex        | 0.125-0.500              |
| 3555550602     | 1/4-20 x 7   | 0.470                | 5           | 3/8       | Hex        | 0.125-0.500              |
| 3555550603     | 1/4-20 x 8   | 0.470                | 5           | 3/8       | Hex        | 0.125-0.500              |

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