

## Product Technical Data Sheet

### 10-16 Hex Head Full Thread TekS

Part Number	Description	Pack Qty	Pallet Qty
6-311-3151-1C4	10-16 x 16 Hex Head TekS Climaseal 4	1000 / 4000	288,000
6-310-3117-5C4	10-16 x 16 Hex Head TekS with Seal Climaseal 4	1000 / 4000	288,000
6-310-3398-8C4	10-16 x 25 Hex Head TekS with Seal Climaseal 4	1000 / 3000	216,000
6-311-3398-1C4	10-16 x 25 Hex Head TekS Climaseal 4	1000 / 3000	216,000

#### Application:

Buildex® 10 -16 Hex Head TekS® Screws are used for fixing wall cladding to steel purlins, and metal to metal applications such as fencing, signs, fixings and trailers.

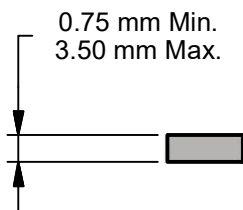
Features	Benefits
Hex Head	For positive drive under high installation torque.
TekS Point	For easy installation into steel while ensuring maximum pullout strength and high strip torque.
Finish	Corrosion performance of Climaseal 4 to suit the application.
Colormatch	The 10-16 TekS can be painted to Match Colorbond sheeting colours.

#### Installation Instructions:

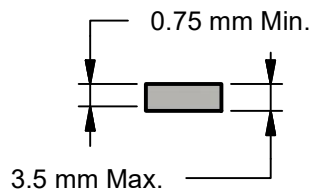
1. Use a 5/16" Hex Socket.
2. Use a mains powered or cordless screw driver with a drive speed of 3,000 RPM maximum.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has fastened.

#### Drilling and Installing Capacity:

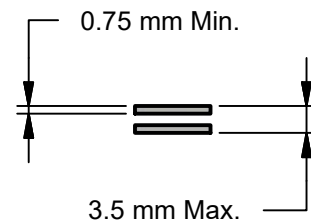
##### Single Thickness of Metal



##### Multiple Pieces of Metal



##### Multiple Pieces of Metal with Air Gap



#### Mechanical Properties:

Single Shear Strength (Newton) 5,750 | Axial Tensile (Newton) 12,200 | Torsion Strength 8.4 Newton-metre

#### Pullout Values (Newton):

0.75mm G550 Batten: tba | 1.0mm G550 Batten: 2,800 | 1.2mm G450 Stud: 3,500 | 1.5mm G450 Purlin: 4,300 | 1.9mm G450 Purlin: 5,800 | 2.4mm G450 Purlin 8,300 | 3.2mm G450 Purlin: 9,500

All values are averages obtained under laboratory conditions and appropriate safety factors should be applied for design purposes. These figures are applicable to Buildex® head marked product only.

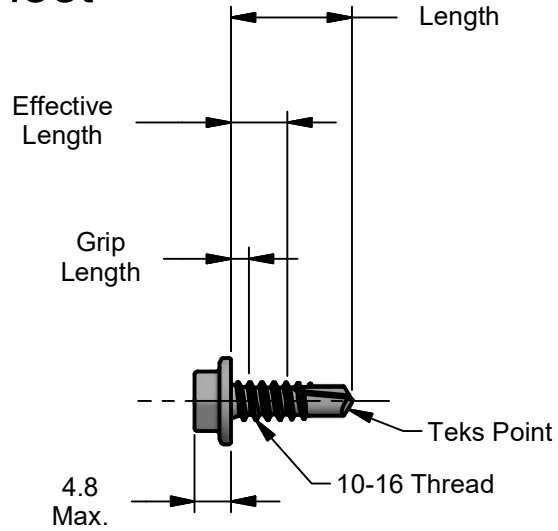
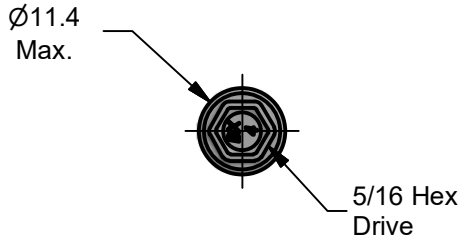
**Material:** Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 4®

#### Corrosion Performance:

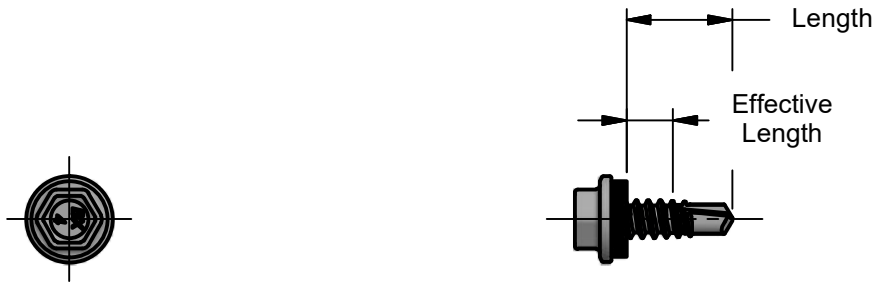
Climaseal 4 Fasteners are suitable for use in Category 4 and 3 corrosive environments as described in ISO 9223-2012 and AS4312-2008

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### 10-16 Hex Head Full Thread Tek



Part Number	Description	Length	Grip Length	Effective Length
6-311-3151-1C4	10-16 x 16 Hex Head Tek Climaseal 4	14.5 / 16.0	2.4 Max.	5.3 Min.
6-311-3398-1C4	10-16 x 25 Hex Head Tek Climaseal 4	23.5 / 25.0	2.4 Max.	14.3 Min.



**Note**

Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Effective Length
6-310-3117-5C4	10-16 x 16 Hex Head Tek with Seal Climaseal 4	14.0 / 15.5	4.8 Min.
6-310-3398-8C4	10-16 x 25 Hex Head Tek with Seal Climaseal 4	23.0 / 24.5	13.8 Min.

All dimensions nominal unless otherwise stated. Normal manufacturing tolerances apply. All dimensions in millimeters. Third Angle Projection. Scale Full Size

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