

Product Technical Data Sheet

12-14 Hex Head Fully Threaded Concealed Clip Tek® Climaseal 3

Part Number	Description	Pack Qty	Pallet Qty
6-311-0782-2CS	12-14 x 30 Hex Head Concealed Clip Tek® Climaseal 3	1000	144,000

Application:

Buildex® 12-14 Hex Head Concealed Clip Tek® Screw is used for fixing concealed fix clips to steel purlin.

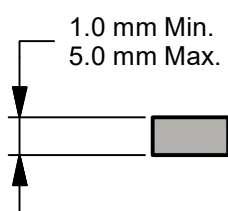
Features	Benefits
Hex Drive	For positive drive under high installation torque.
Low Head	The low head fits below the roof sheet pan, allowing movement of the roof sheet without damage to the roof sheet or screw
Teks Point	For drilling into steel while ensuring maximum pullout strength and a high strip torque.
Finish	Corrosion preformance of Climaseal 3 to suit the application.

Installation Instructions:

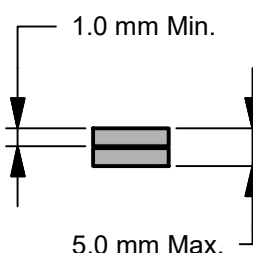
1. Use a 5/16" Hex Socket.
2. Use a mains powered or cordless screw driver with a drive speed of 3,000 RPM maximum.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has fastened.

Drilling and Installing Capacity

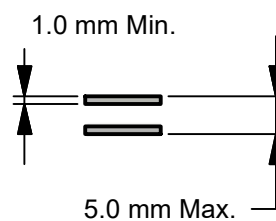
Single Thickness of Metal



Multiple Pieces of Metal



Multiple Pieces of Metal with Air Gap



Mechanical Properties:

Single Shear Strength (Newton) 8,800 | Axial Tensile (Newton) 15,300 | Torsion Strength 13,2 Newton-metre

Pullout Values (Newton):

Steel Purlin G450 1.2 mm: 2,200 | Steel Purlin G450 1.5 mm: 4,0880 | Steel Purlin G450 1.9 mm:5,420 | Steel Purlin G450 2.4 mm : 7,360

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.

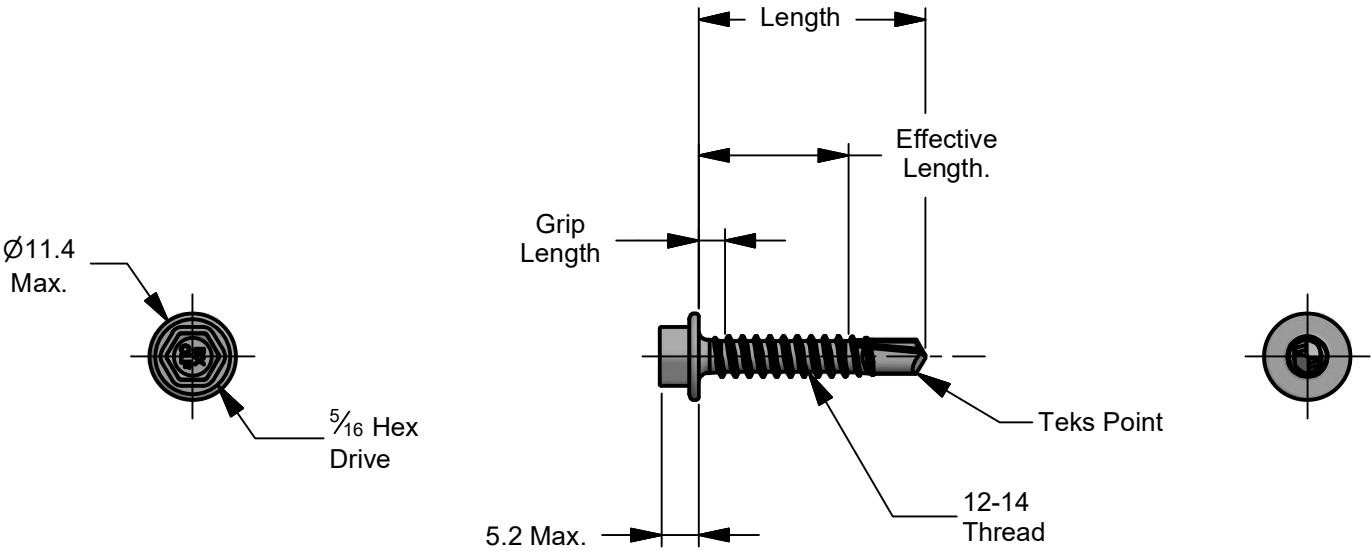
Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 3®

Corrosion Performance:

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

Product Technical Data Sheet

12-14 Hex Head Fully Threaded Concealed Clip Teks Climaseal 3



Part Number	Description	Length	Grip Length	Effective Length
6-311-0782-2CS	12-14 x 30 Hex Head Concealed Clip Teks Climaseal 3	28.5 / 30.0	2.1 Max.	15.0 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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