

Product Technical Data Sheet

14 -12 Hex Head TekS Truss and Plate Screw Climaseal 3

Part Number	Description	Pack Qty	Pallet Qty
6-311-0877-7CS	14 -12 x 42 Hex Head TekS Truss and Plate Screw Climaseal 3	300 / 900	64,800

Application:

Buildex® 14-12 Hex Head TekS are used for fixing steel roof trusses to steel top plates.

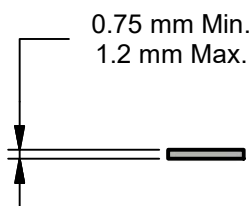
Features	Benefits
Hex Drive	For positive drive under high installation torque.
5/16 Hex Drive	Compatible with 10g and 12g Hex Heads avoiding the need to swap driver bits.
Zips Point	For easy installation into top hat batten and timber while ensuring maximum pullout strength and high strip torque.
Buttress Thread	For high pullout values.
Finish	Corrosion performance of Climaseal 3 to suit the application.

Installation Instructions:

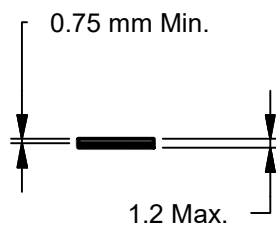
1. Use a 5/16" Hex Socket.
2. Use a mains powered or cordless screw driver with a drive speed of 3,000 RPM maximum.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has fastened.

Drilling and Installing Capacity

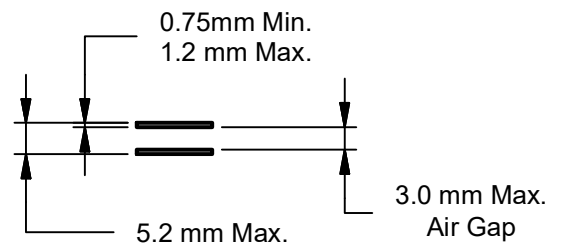
Single Thickness of Metal



Multiple Pieces of Metal



Multiple Pieces of Metal with Air Gap



Mechanical Properties:

Single Shear Strength (Newton) 8,670 | Axial Tensile (Newton) 18,670 | Torsion Strength 17.7 Newton-metre

Pullout Values (Newton):

0.75mm G550 Batten: 2,716 : 1.0mm G550 Batten: 3,500 | 1.2 mm Steel Stud G250:3,240

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.

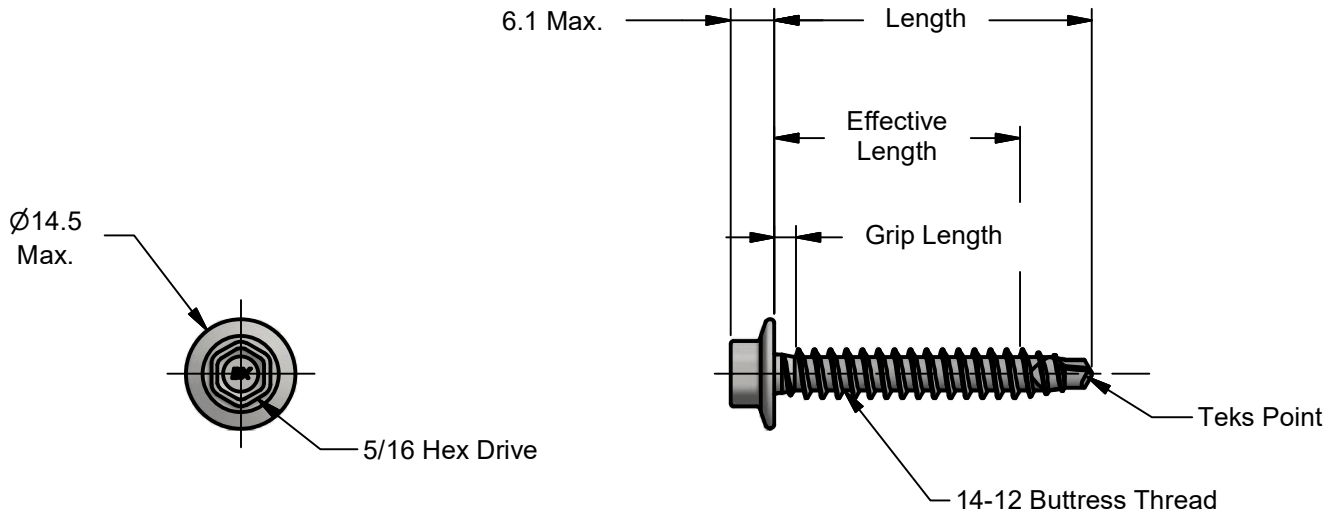
Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 3®

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

14 -12 Hex Head Teks Truss and Plate Screw Climaseal 3



Part Number	Description	Length	Grip Length	Effective Length
6-311-0877-7CS	14 -12 x 42 Hex Head Teks Truss and Plate Screw Climaseal 3	40.5 / 42.0	2.87 Max.	33.0 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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