Product Technical Data Sheet

14-10 Hex Head Full Thread Teks Climaseal 4 and 5

Part Number	Description	Pack Qty	Pallet Qty
6-310-3323-5C4	14-10 x 25 Hex Head Teks with Seal Climaseal 4	500 / 1500	108,000
6-311-3323-8C4	14-10 x 25 Hex Head Teks Climaseal 4	500 / 1500	108,000
6-310-5323-5C5	14-10 x 25 Hex Head Teks with Seal Climaseal 5	500 / 1500	108,000

Application:

Buildex® 14-10 Hex Head Teks® Screws are used for valley fixing roof or side to steel or fixing metal to metal.

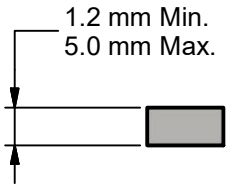
Features	Benefits
Hex Drive	For positive drive under high installation torque.
Teks Point	For drilling into metal while ensuring maximum pullout strength and high strip torque.
Finish	Corrosion preformance of Climaseal 4 or Climaseal 5 to suit the application.
Colormatch	The 14-10 Teks can be painted to match Colorbond sheeting products.

Installation Instructions:

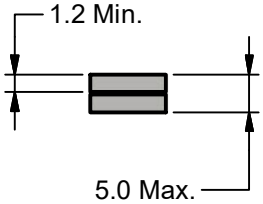
1. Use a 3/8 Hex Head Driver Bit.
2. Use a mains powered or cordless screw driver with a 3,000 RPM maximum.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has fastened.

Drilling and Installing Capacity

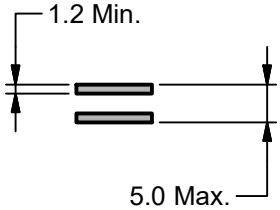
Single Thickness of Metal



Multiple Pieces of Metal



Multiple Pieces of Metal with Air Gap



Mechanical Properties:

Single Shear Strength (Newton) 10,900 | Axial Tensile (Newton) 19,700 | Torsion Strength 18.5 Newton-metre

Pullout Values (Newton):

Steel Purlin G450 1.2 mm: 2,600 | Steel Purlin G450 1.5 mm: 4,680 | Steel Purlin G450 1.9 mm: 6,500 | Steel Purlin G450 2.4 mm : 8,100 | Steel Purlin G450 3.0 mm : TBA | Steel HRS 2.0 mm : 5,300 | Steel HRS 3.0 mm : 9,900 | Steel HRS 4.0 mm : 11,200 | Steel HRS 5.0 mm : TBA

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® or Climaseal 5®

Corrosion Performance:

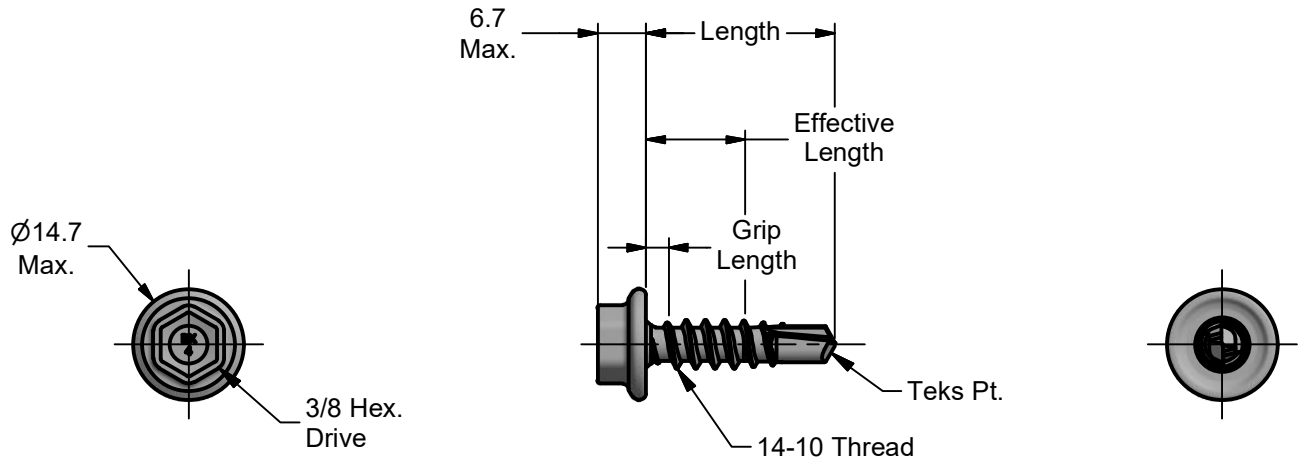
Climaseal 5 Fasteners are suitable for use in Category 5,4 and 3 corrosive environments as described in ISO 9223-2012 and AS4312-2008

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

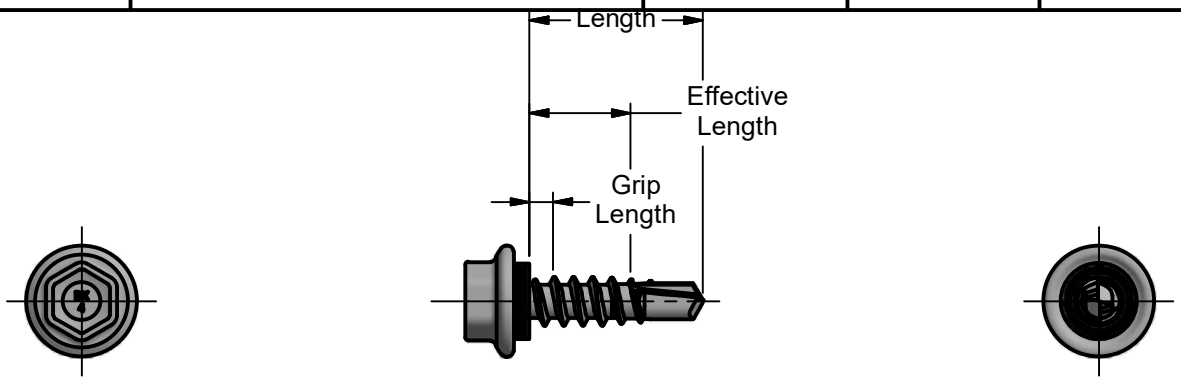
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Product Technical Data Sheet

14-10 Hex Head Full Thread Teks Climaseal 4 and 5



Part Number	Description	Length	Grip Length	Effective Length
6-311-3323-1C4	14-10 X 25 Hex Head Teks Climaseal 4	23.5 / 25.0	4.0 Max.	7.0 Min.
6-311-5323-3C5	14-10 X 25 Hex Head Teks Climaseal 5	23.5 / 25.0	4.0 Max.	7.0 Min.
6-311-3323-1BPH	14-10 X 25 Hex Head Teks Hardened	23.5 / 25.0	4.0 Max.	7.0 Min.



Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-310-3323-5C4	14-10 x 25 Hex Head Teks with Seal Climaseal 4	23.0 / 24.5	3.5 Max.	6.5 Min.
6-310-5323-5C5	14-10 x 25 Hex Head Teks with Seal Climaseal 5	23.0 / 24.5	3.5 Max.	6.5 Min.

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

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