Buildex®

Product Technical Data Sheet

12-14 Autoteks Climaseal 4

Part Number	Description	Pack Qty	Pallet Qty
6-310-3637-7C4	12-14 x 39 AutoTeks with Seal Climaseal 4	1000	114,000
6-310-3579-4C4	12-14 x 52 AutoTeks with Seal Climaseal 4	1000	84,000

Application:

Buildex® 12 -14 Hex Head HiGrip® AutoTeks® Screws are used for crest fixing Corrugated and Square Rib Roof Sheets to steel purlins.
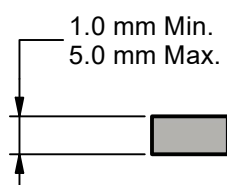
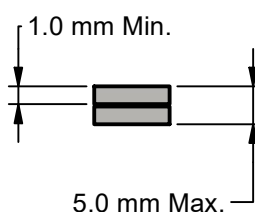| Features	Benefits
Hex Drive	For positive drive under high installation torque.
Teks Point	For drilling into metal while ensuring maximum pullout strength and high strip torque.
Finish	Corrosion preformance of Climaseal 4 to suit the application.
Colormatch	The 12-14 Autoteks can be painted to match Colorbond sheeting products.

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.
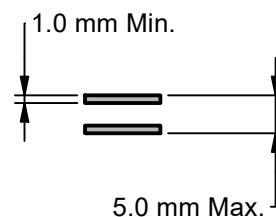
Drilling and Installing Capacity

Single Thickness of Metal

1.0 mm Min.
5.0 mm Max.

Multiple Pieces of Metal

1.0 mm Min.
5.0 mm Max.

Multiple Pieces of Metal with Air Gap

1.0 mm Min.
5.0 mm Max.

Mechanical Properties		
Single Shear Strength (N)	Axial Tensile Strength (N)	Torsional Strength (Nm)
8500	13600	12.3

Pullout Values (N)						
Steel Purlin G450 1.2mm	Steel Purlin G450 1.5mm	Steel Purlin G450 1.9mm	Steel Purlin G450 2.4mm	Steel HRS 2.0mm	Steel HRS 3.0 mm	Steel HRS 4.0 mm
2600	4680	6500	8100	5300	9900	11200

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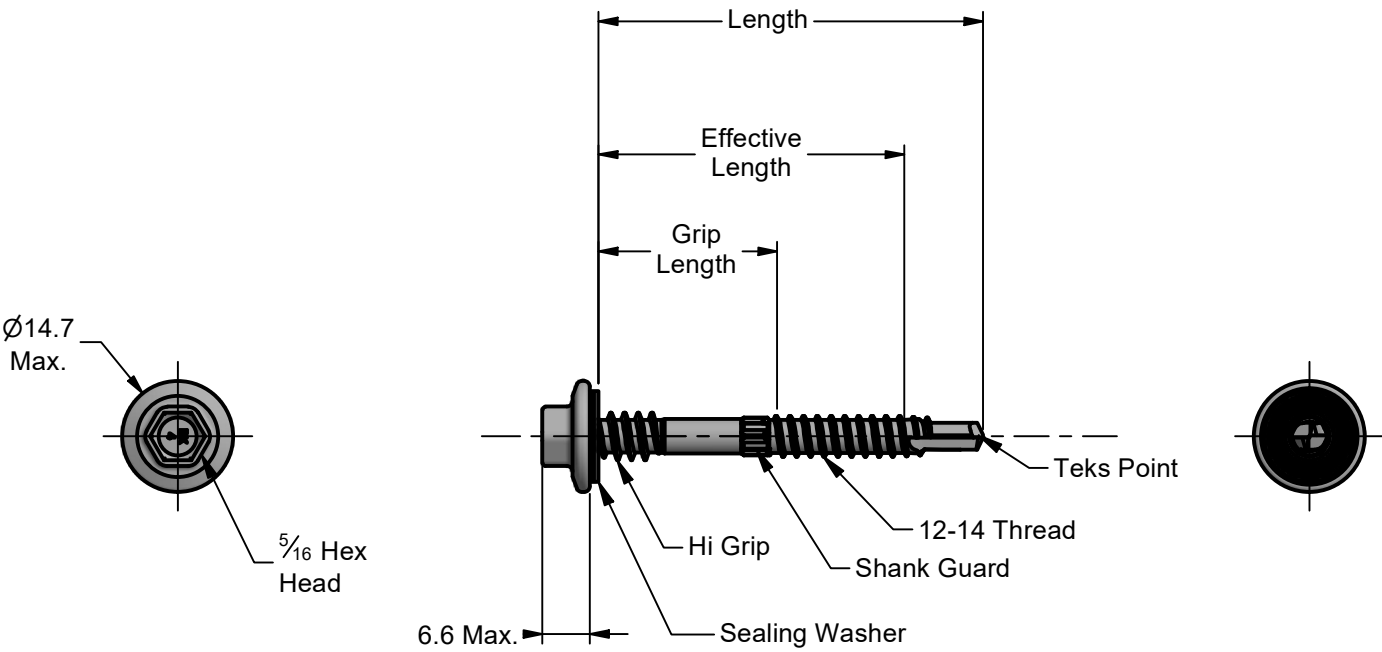These figures are applicable to Buildex® head marked product only.

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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Product Technical Data Sheet

12-14 Autoteks Climaseal 4

Ø14.7 Max.

⁵⁄₁₆ Hex Head

6.6 Max.

Length

Effective Length

Grip Length

Teks Point

12-14 Thread

Hi Grip

Shank Guard

Sealing Washer

Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-310-3637-7C4	12-14 x 39 AutoTeks with Seal Climaseal 4	37.0 / 38.5	12.5 / 14.5	21.0 Min.
6-310-3579-4C4	12-14 x 52 AutoTeks with Seal Climaseal 4	50.0 / 51.5	21.5 / 23.5	35.0 Min.

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