

Product Technical Data Sheet

HeadLok Security Screws Climaseal 4

Part Number	Description	Pack Qty	Pallet Qty
6-310-3624-4C4	14-10 x 25 HeadLok Tekes with Seal Climaseal 4	500 / 1500	108,000
6-310-3625-5C4	14-10 x 53 HeadLok Tekes with Seal Climaseal 4	1000	72,000

Application:

Buildex® 14-10 x 25 HeadLok® Tekes® Screw is used for valley fixing roofing or side cladding, it can also be used for fixing metal to metal. The HeadLok® Head has a unique drive which can only be installed or removed with the HeadLok® Driver.

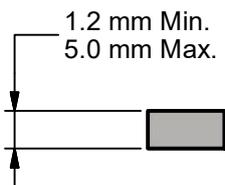
Features	Benefits
HeadLok Drive	For positive drive under high installation torque while providing security.
Teks Point	For drilling into metal while ensuring maximum pullout strength and high strip torque.
Finish	Corrosion performance of Climaseal 4 or Climaseal 5 to suit the application.
Colormatch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

Installation Instructions:

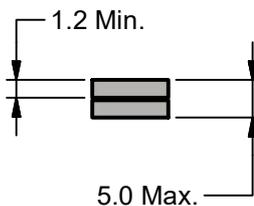
1. Use a HeadLok Drive Socket.(Buildex Part No. 6-991-0372-2)
2. Use a mains powered or cordless screw driver with a drive speed of 3,000 RPM maximum.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has fastened.

Drilling and Installing Capacity

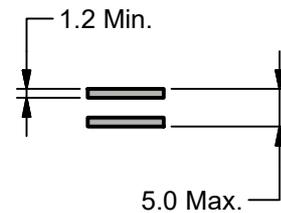
Single Thickness of Metal



Multiple Pieces of Metal



Multiple Pieces of Metal with Air Gap



Mechanical Properties:

Single Shear Strength (Newton) 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.

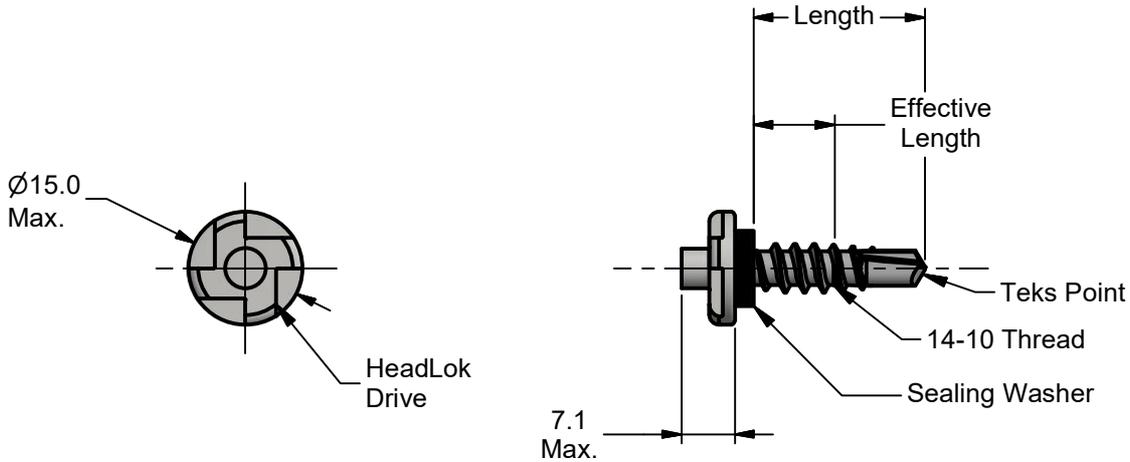
Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 4®

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

Product Technical Data Sheet

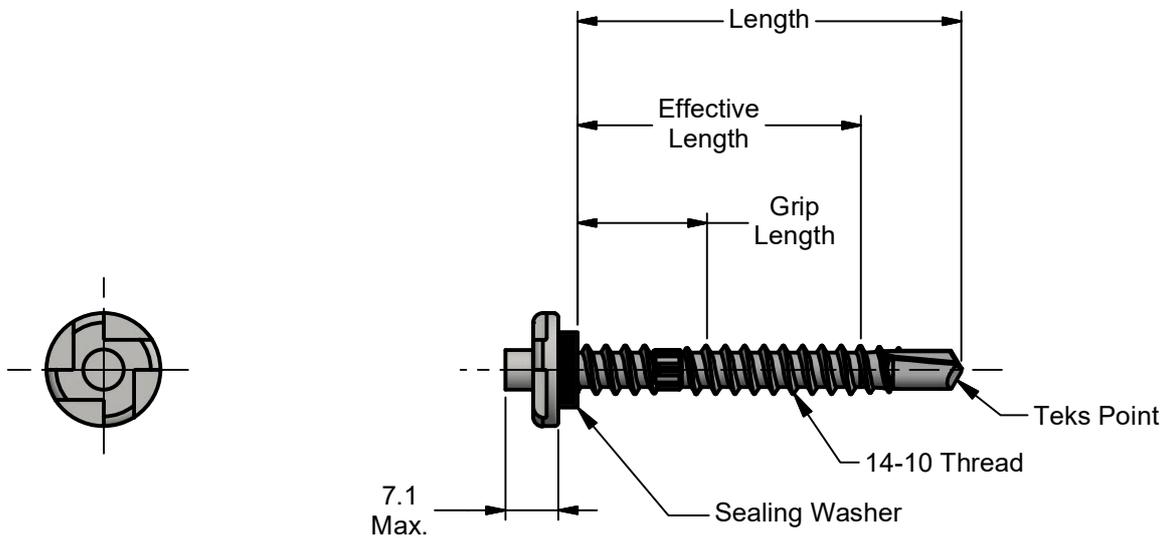
HeadLok Security Screws Climaseal 4



Note

Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Effective Length
6-310-3624-4C4	14-10 x 25 HeadLok Tek with Seal Climaseal 4	22.5 / 24.0	15.0 Min.



Note

Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-310-3625-5C4	14-10 x 53 HeadLok Tek with Seal Climaseal 4	50.5 / 52.0	17.0 / 19.0	37.5 Min.

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

Product Technical Data Sheet

HeadLok Security Screws Climaseal 4

Part Number	Description	Pack Qty	Pallet Qty
6-030-3324-4C4	M6-11 x 50 Hi Grip HeadLok Zips	1000	84,000

Application:

Buildex® M6 -11HeadLok Zips® are designed for crest fixing roof sheets to top hat and timber battens. The M6 -11 M6 -11HeadLok Zips® can also be used into steel purlin up to 1.5 mm purlin in thickness.. The HeadLok® Head has a unique drive which can only be installed or removed with the HeadLok® Driver.

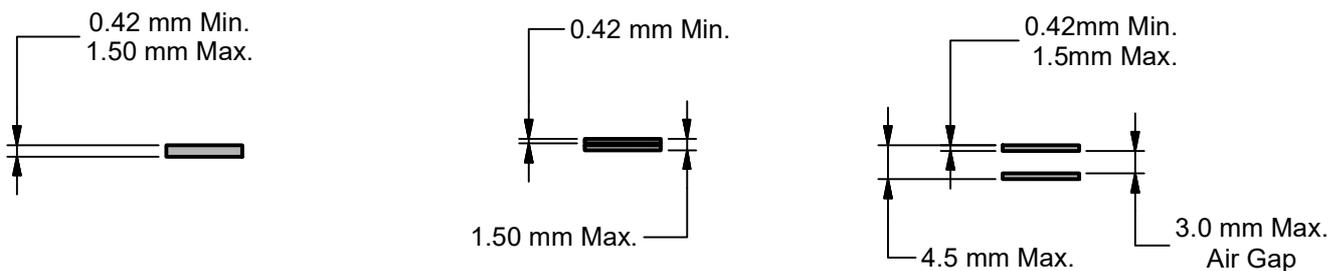
Features	Benefits
HeadLok Drive	For positive drive under high installation torque while providing security.
Zips Point	For easy installation into top hat batten and timber while ensuring maximum pullout strength and high strip torque.
Buttress Thread	For high pullout values.
Finish	Corrosion preformance of Climaseal 4
Colormatch	The HeadLok Zips can be painted to Match Colorbond sheeting colours.

Installation Instructions:

1. Use a HeadLok Drive Socket.(Buildex Part No. 6-991-0372-2)
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:

Timber F7 Pine to F27 Hardwood - miniumum embedment 35.0 mm



Mechanical Properties:

Single Shear Strength (Newton) 8,500 | Axial Tensile (Newton) 15,400 | Torsion Strength 14.5 Newton-metre

Pullout Values (Newton):

0.42mm G550 Batten: 1,050 | 0.48 G550 Batten 1,200.55mm G550 Batten: 1,520 | 0.75mm G550 Batten: 2,480 : 1.0mm G550 Batten:tba | 1.2 mm Steel Stud G250:3,280 | 1.5mm G450 Purlin: 5,240
 F7 (Pine) Timber, 35 mm embedment: 4,300 | F17 (Hardwood) Timber 35 mm embedment: 6,570

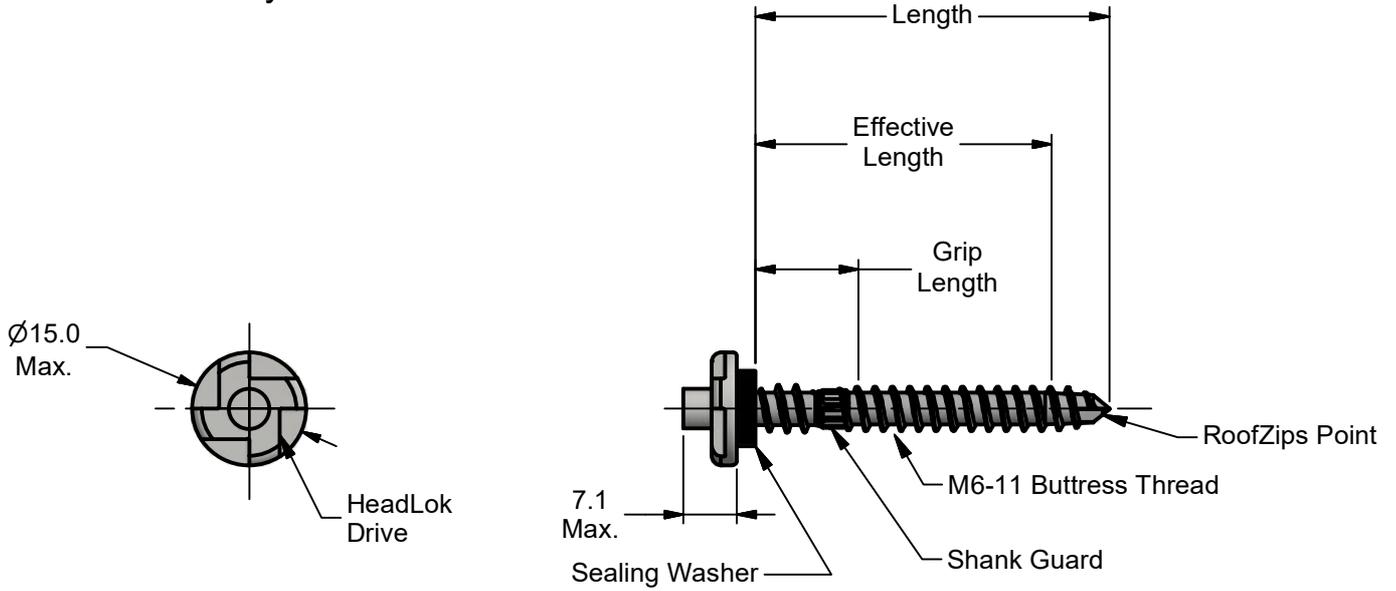
All values are averages obtained under laboratory conditions and appropriate safety factors should be applied for design purposes. These figures are applicable to Buildex® head marked product only.

Corrosion Performance:

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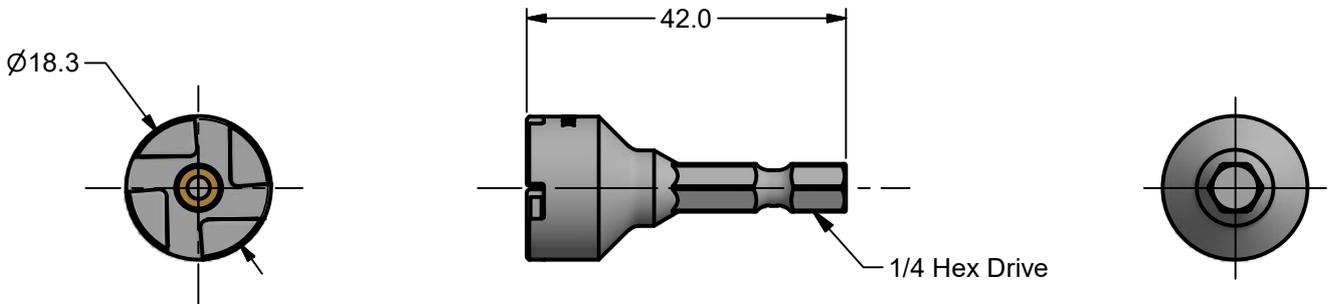
HeadLok Security Screws Climaseal 4



Note

Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-030-3324-4C4	M6-11 x 50 Hi Grip HeadLok Zips	48.0 / 49.5	14.8 / 15.5	39.5 Min.



HeadLok Driver

Part Number: 6-991-0372-2 | Description: HeadLok Socket

Material: AISI S1 | Heat Treatment: Harden and Tempered | Finish: Natural

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

Buildex® Head Office
600 South Road
Moorabbin Victoria 3189
Australia

1300 368 101
CustomerService-MBN@buildex.com.au

Technical Help Desk
Technicalhelpdesk@buildex.com.au