

Product Technical Data Sheet

14-12 Hex Head CyclonicZips

Application:

Buildex® 14-12 Hex Head CyclonicZips® are designed for crest fixing roof sheets or valley fixing cladding (30mm version) to timber and thin metal top hat battens. The product is available in either bare or with an EDPM Sealing Washer. In cyclonic regions the 14-12 CyclonicZips® can be used with the RoofLok® Plate or the MultiSeal® Washer.

Features	Benefits
Hex Drive	For positive drive under high installation torque.
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 4 or Climaseal 5
Colormatch	The CyclonicZips and CyclonicZips Assemblies can be painted to match Colorbond sheeting colours.

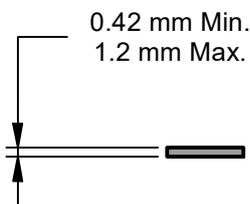
Installation Instructions:

1. Use a 3/8" 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

Buildex suggests a minimum embedment depth of 25mm for roofing screws being installed into timber, however the actual fastener selected needs to match the cladding supplier's fastening recommendations.

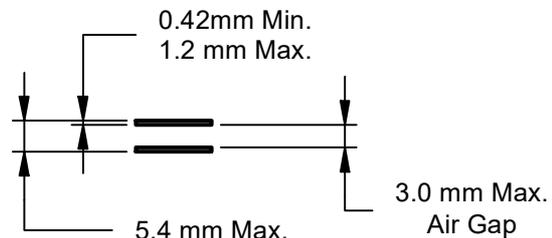
Single Thickness of Metal



Multiple Pieces of Metal



Multiple Pieces of Metal with Air Gap



Mechanical Properties		
Single Shear Strength (N)	Axial Tensile Strength (N)	Torsional Strength (Nm)
8670	18670	17.7

Pullout Values (N)				
G550 Batten 0.42mm	G550 Batten 0.48mm	G550 Batten 0.55mm	G550 Batten 0.75mm	G550 Batten 1.0mm
1250	1570	1625	2716	3500
G250 Steel Stud 1.2mm	Softwood (F7 Pine): 25mm Embedment		Hardwood (F17): 25mm Embedment	
3240	5610		6280	

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 AS4312-2019

Climaseal 4 Fasteners are suitable for use in Category 4 and 3 corrosive environments as described in ISO 9223-2012 and AS4312-2019

Cyclonic Testing:

RoofLok and MultiSeal assemblies are tested and posted by the James Cook University Cyclone Testing Station to the Lo-Hi-Lo standard.

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14-12 Hex Head CyclonicZips Bare Parts			
Part Number	Description	Pack Qty	Pallet Qty
6-031-3330-1C4	14-12 X 55 CyclonicZips Climaseal 4	1000	72,000
6-031-3372-2C4	14 -12 x 30 CyclonicZip Climaseal 4	500 / 1500	108,000
6-031-5330-1C5	14 -12 x 55 CyclonicZip Climaseal 5	1000	72,000

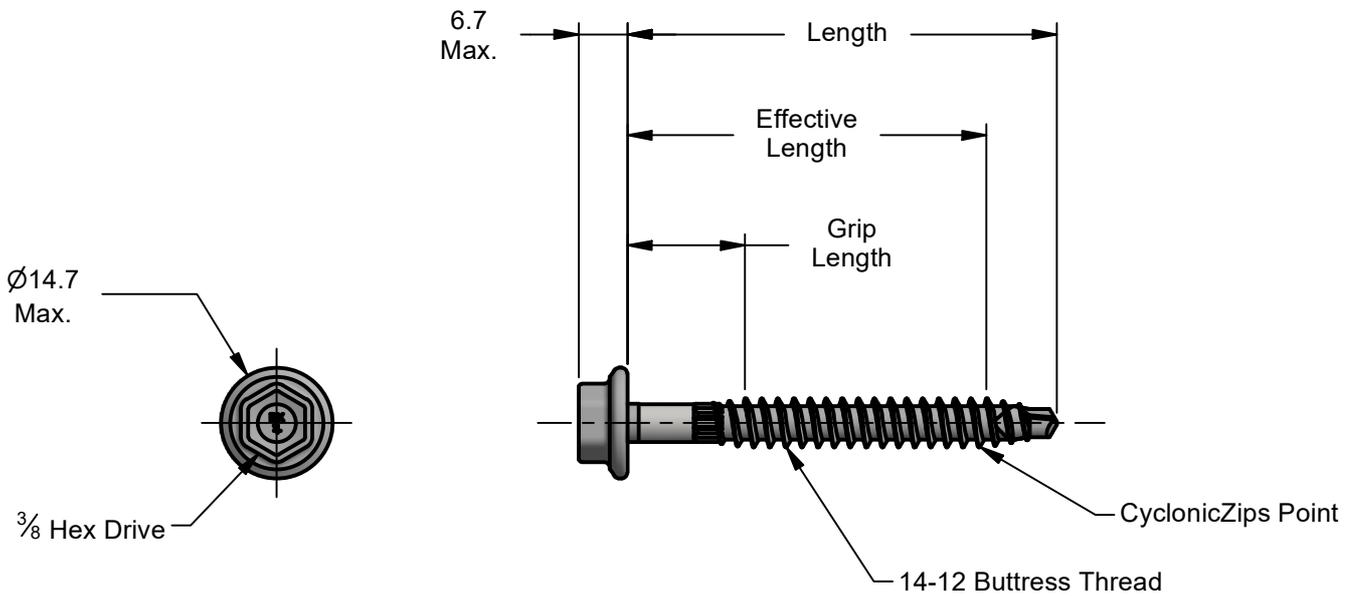
14-12 Hex Head CyclonicZips with Seal			
Part Number	Description	Pack Qty	Pallet Qty
6-030-3330-1C4	14-12 x 55 Cyclonic Zips with Seal Climaseal 4	500	72,000
6-030-3372-2C4	14-12 x 30 Cyclonic Zips with Seal Climaseal 4	500 / 1500	108,000
6-030-5330-1C5	14-12 x 55 CyclonicZips with Seal Climaseal 5	1000	72,000

14-12 Hex Head CyclonicZips with RoofLok			
Part Number	Description	Pack Qty	Pallet Qty
6-035-3330-1C4	14 -12 x 55 CyclonicZip with Roof-Lok Climaseal 4	250	21,000
6-035-5330-1C5	14 -12 x 55 CyclonicZip with Roof-Lok Climaseal 5	250	21,000

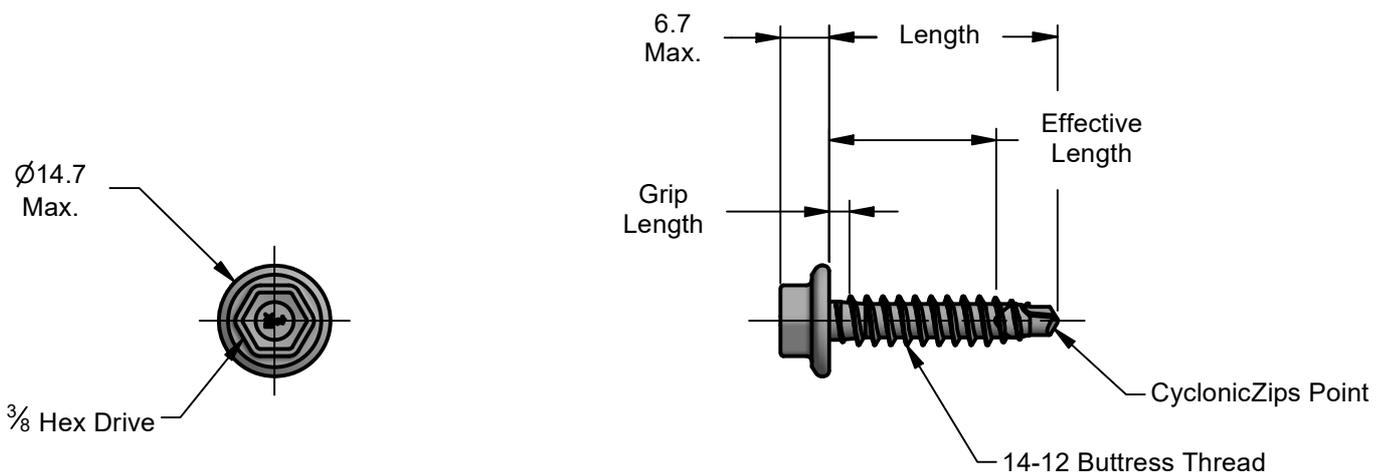
14-12 Hex Head CyclonicZips with Multiseal			
Part Number	Description	Pack Qty	Pallet Qty
6-030-3333-3C4	14-12 x 55 CyclonicZips with Multi-Seal Climaseal 4	250	26,250
6-036-5330-1C5	14-12 x 55 CyclonicZips with MultiSeal Climaseal 5	250	26,250

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Part Number	Description	Length	Grip Length	Effective Length
6-031-3330-1C4	14-12 X 55 CyclonicZips Climaseal 4	55.0 / 56.5	13.75 Max.	46.0 Min.
6-031-5330-1C5	14 -12 x 55 CyclonicZip Climaseal 5	55.0 / 56.5	13.75 Max.	46.0 Min.

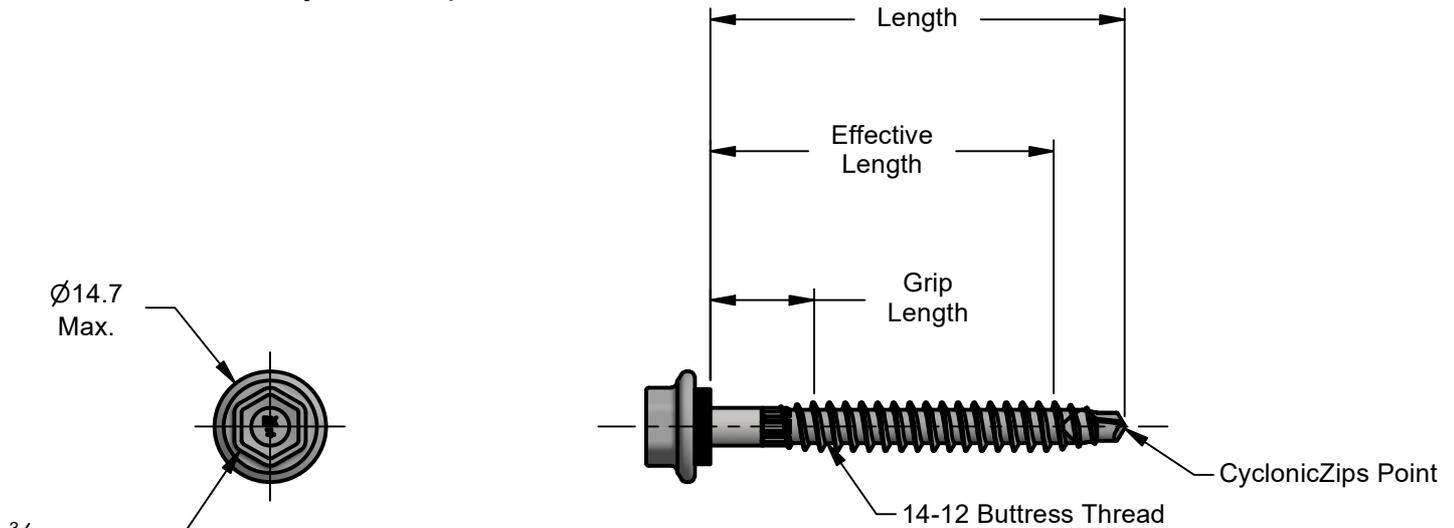


Part Number	Description	Length	Grip Length	Effective Length
6-031-3372-2C4	14 -12 x 30 CyclonicZip Climaseal 4	28.5 / 30.0	2.4 Max.	15.0 Min.

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

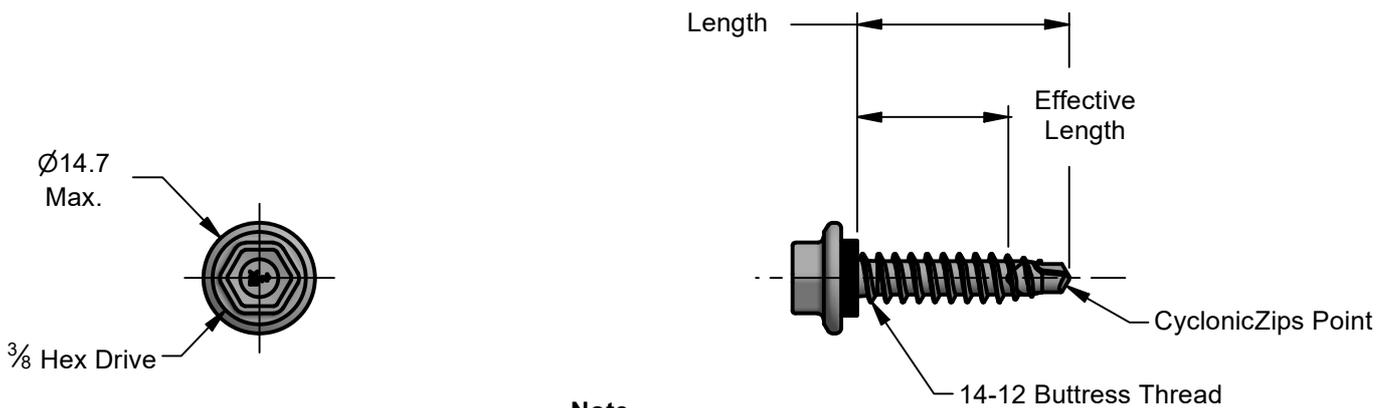
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Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-030-3330-1C4	14-12 x 55 Cyclonic Zips with Seal Climaseal 4	54.5 / 56.0	13.25 Max.	45.5 Min.
6-030-5330-1C5	14-12 x 55 CyclonicZips with Seal Climaseal 5	54.5 / 56.0	13.25 Max.	45.5 Min.



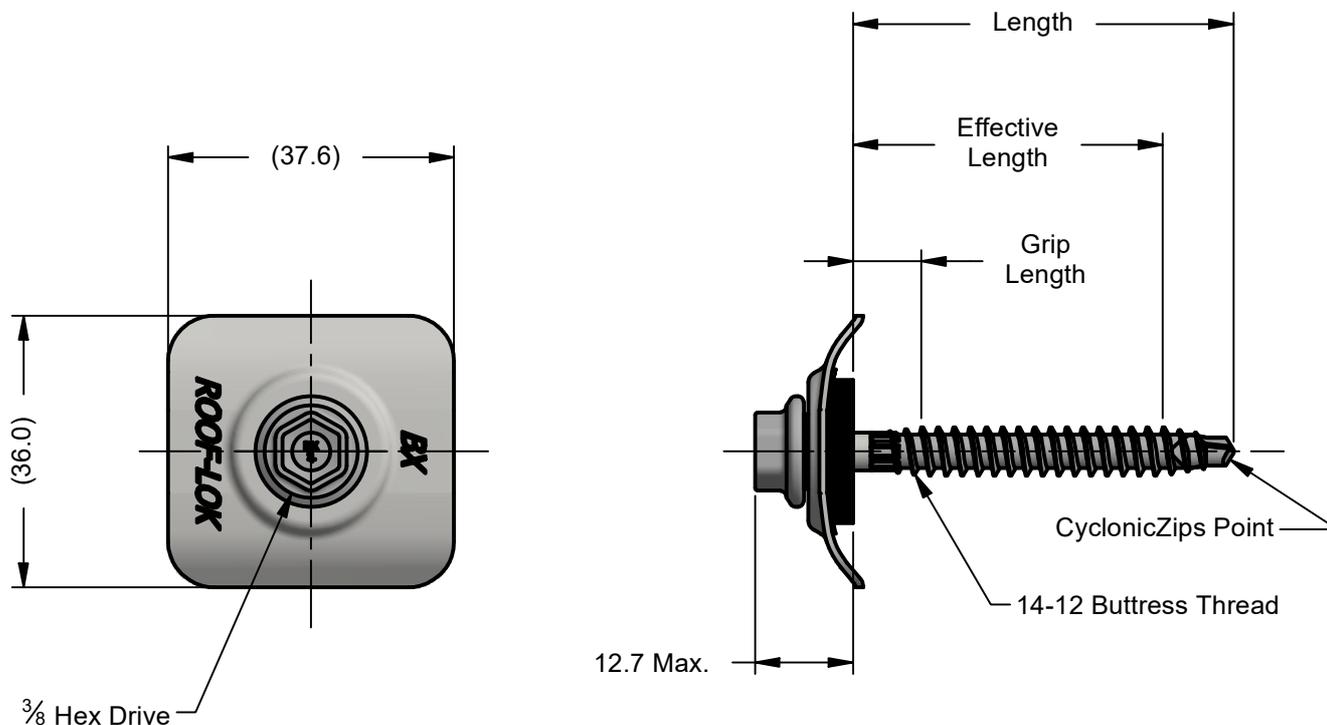
Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Effective Length
6-030-3372-2C4	14-12 x 30 Cyclonic Zips with Seal Climaseal 4	28.0 / 29.5	14.5 Min.

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Note

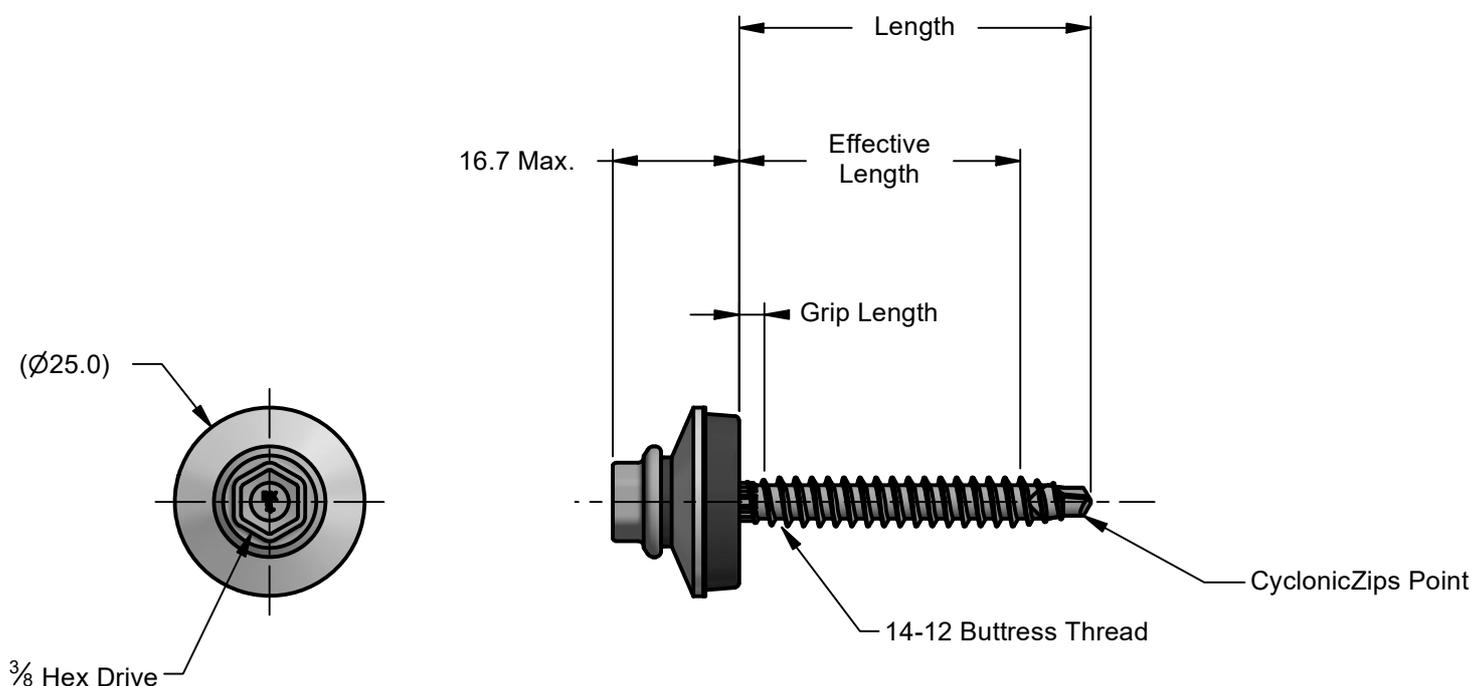
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-035-3330-1C4	14 -12 x 55 CyclonicZip with Roof-Lok Climaseal 4	49.0 / 51.5	7.75 Max.	40.0 Min.
6-035-5330-1C5	14 -12 x 55 CyclonicZip with Roof-Lok Climaseal 5	49.0 / 51.5	7.75 Max.	40.0 Min.

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Note

Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-030-3333-3C4	14-12 x 55 CyclonicZips with Multi-Seal Climaseal 4	44.0 / 45.5	3.75 Max.	35.0 Min.
6-036-5330-1C5	14-12 x 55 CyclonicZips with MultiSeal Climaseal 5	44.0 / 45.5	3.75 Max.	35.0 Min.

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