Buildex®

Product Technical Data Sheet

14 -11 Hex Head Grade 316 Stainless Zips

Part Number	Description	Pack Qty	Pallet Qty
6-037-0065-5	14-11 x 52 Hex Head Grade 316 Stainless Zips 16 mm ABW	500	52,500
6-037-0067-7	14-11 x 80 Hex Head Grade 316 Stainless Zips 16 mm ABW	500	42,000
6-037-0064-4	14-11 x 90 Hex Head Grade 316 Stainless Zips 16 mm ABW	250	52,000

Application:

Buildex® 14 -11 Hex Head Stainless Steel Zips® Screw is used for crest fixing aluminium roof sheets, fixing side aluminium cladding to aluminium purlins, when protection from a corrosive environments and or a complete system compatibility is crucial.

Product Compatiblity with Cladding:

Refer to BlueScope Technical Bulletin TB-16

The Buildex® Stainless Zips® fastener is not suitable for installation into steel cladding and steel battens or purlins.

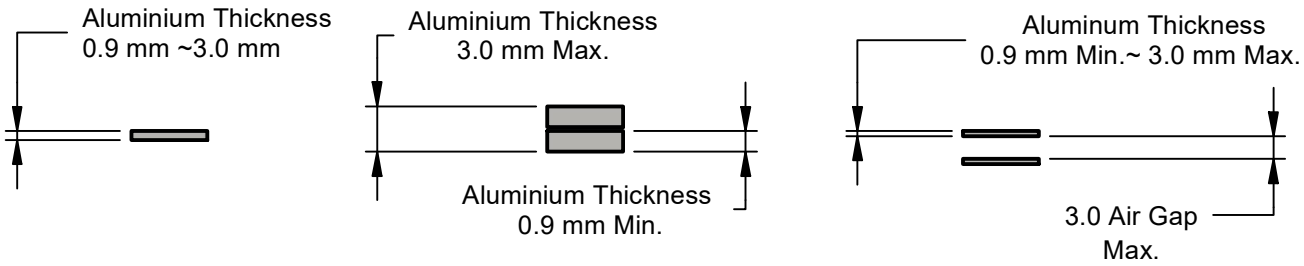
Features:	**Benefits:**
Hex Drive	For positive drive under high installation torque
Zips® Point	For drilling onto aluminium while ensuring maximum pullout strength and a high strip torque.
Finish	Zinc top coat over Grade 316 Stainless Steel for corrosion resistance and lubricity

Installation Instructions:

1. Use a 5/16 Hex Head Driver Bit
2. Use a mains powered or cordless screw driver with a 3,000 RPM speed.
3. Fit the 5/16 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 length of fastener selected needs to match the cladding suppliers fastening recommendations.



Mechanical Properties:
Single Shear Strength (N) 9,400 | Axial Tensile (N) 15,700 | Torsion Strength 15,0 Nm

Pullout Values (N):
Aluminium Purlin 5052 H36 3.0mm: 4,495 | Aluminium Single Sheet 5251 H38 0.9mm: 950 | Aluminium Single Sheet 5251 H38 1.2mm: 1,500 | Aluminum Sheet lapped 5251 H38 0.9mm: 1,850 | Aluminium Sheet lapped 5251 H38 1.2mm: 2,800
Pine MPG10 25mm Embedment: 4,342

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: Stainless Steel Grade 316 | **Heat Treatment:** Not applicable |
Finish: Zinc top coat over Grade 316 Stainless Steel

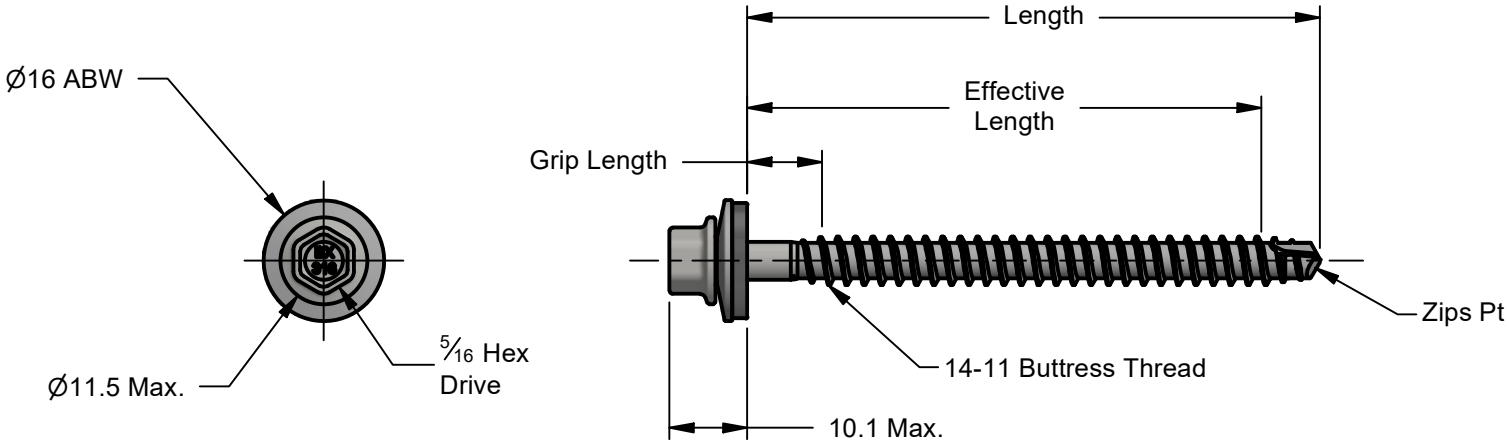
Corrosion Performance: Stainless Steel Grade 316 (A4)

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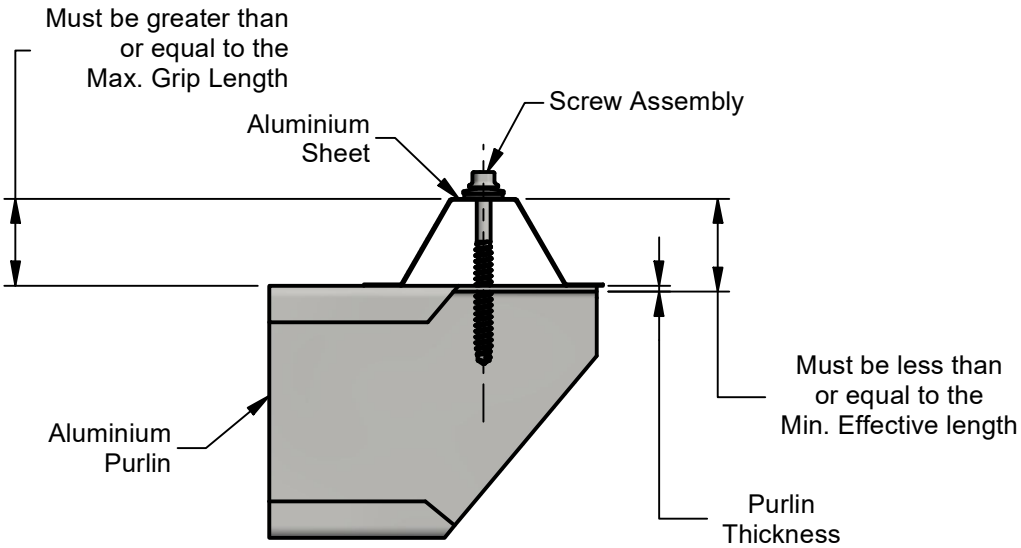
14 -11 Hex Head Grade 316 Stainless Zips



Note
Length from underside of ABW and includes compression

Part Number	Description	Length	Grip Length	Effective Length
6-037-0065-5	14-11 x 52 Hex Head Grade 316 Stainless Zips 16 mm ABW	46.5 / 48.0	8.0 / 10.0	36.0 min.
6-037-0067-7	14-11 x 80 Hex Head Grade 316 Stainless Zips 16 mm ABW	74.5 / 76.0	29.5 / 31.5	64.0 Min.
6-037-0064-4	14-11 x 90 Hex Head Grade 316 Stainless Zips 16 mm ABW	84.5 / 86.0	39.5 / 41.5	74.0 Min.

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



Application Parameters Crest Fixing (1 : 3)

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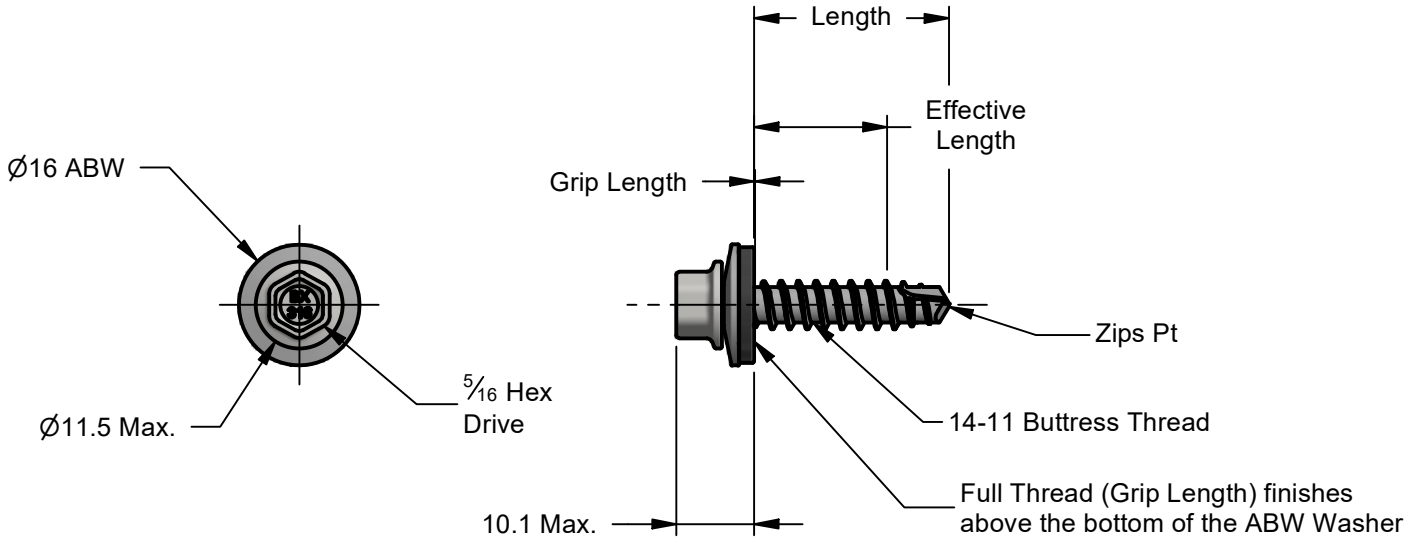
14 -11 Hex Head Grade 316 Stainless Zips

Part Number	Description	Pack Qty	Pallet Qty
6-037-0066-6	14-11 x 30 Hex Head Grade 316 Stainless Zip 16 mm ABW	500	108,000

Application:

Buildex® 14 -11 Hex Head Stainless Steel Zips® Screw is used for pan fixing aluminium roof sheets, fixing side aluminium cladding to aluminium purlins, when protection from a corrosive environments and or a complete system compatibility is crucial.

Drilling and Installing Capacity: Refer Sheet 1

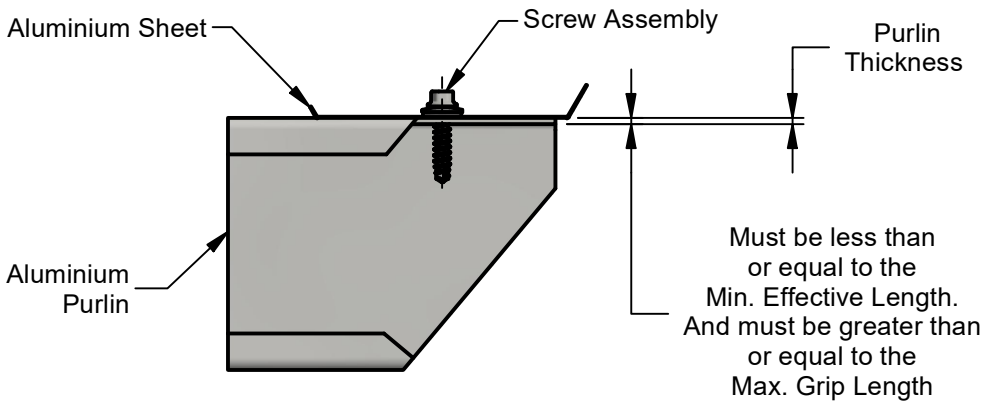


Note

Length from underside of ABW and includes compression

Part Number	Description	Length	Effective Length
6-037-0066-6	14-11 x 30 Hex Head Grade 316 Stainless Zip 16 mm ABW	24.5 / 26.0	14.0 Min.

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



Application Parameters Pan Fixing (1 : 3)

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