Product Technical Data Sheet

14-10 Hex Head Part Thread Stainless Steel Grade 316 Type 17

Application:

Buildex® 14-10 Hex Head Stainless Steel Type 17 are designed for crest fixing long life cladding to timber where high levels of corrosion are likely, the product is also supplied with a 16 mm ABW Washer.

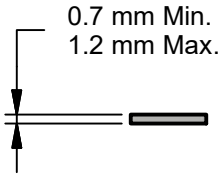
Product Compatiblity with Cladding:

Refer to BlueScope Technical Bulletin TB-16

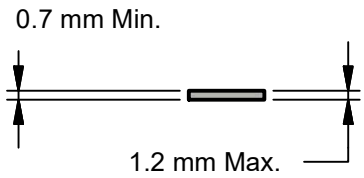
Drilling and Installing Capacity:

Timber F7 Pine to F27 Hardwood - miniumum embedment 35.0 mm

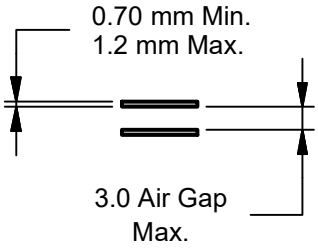
Single Thickness of Aluminium



Multiple Pieces of Aluminium



Multiple Pieces of Aluminium with Air Gap



Features	Benefits
Hex Drive	For positive drive under high installation torque.
T17 Point	For easy installation into timber while ensuring maximum pullout strength and high strip torque.
Stainless Steel	Corrosion performance of Stainless Steel to suit the application.
Colormatch	The 14-10 Type 17 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.

Mechanical Properties:

Single Shear Strength (Newton) 10,200 | Axial Tensile (Newton) 12,600 | Torsion Strength 12.7 Newton-metre

Pullout Values (Newton):

F7 (Pine) Timber, 35 mm embedment: 3,820 | F17 (Hardwood) Timber 35 mm embedment: 6,980

0.7 mm Aluminium Single (N) x.x | 0.7 mm Aluminium Lapped (N) x.x | 0.9 mm Aluminium Single (N) x.x | 0.9 mm Aluminium Lapped (N) x.x | 1.2 mm Aluminium Single (N) x.x | 1.2 mm Aluminium Lapped (N) x.x

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 (A2) | **Heat Treatment:** Nil | **Finish:** Stainless Steel

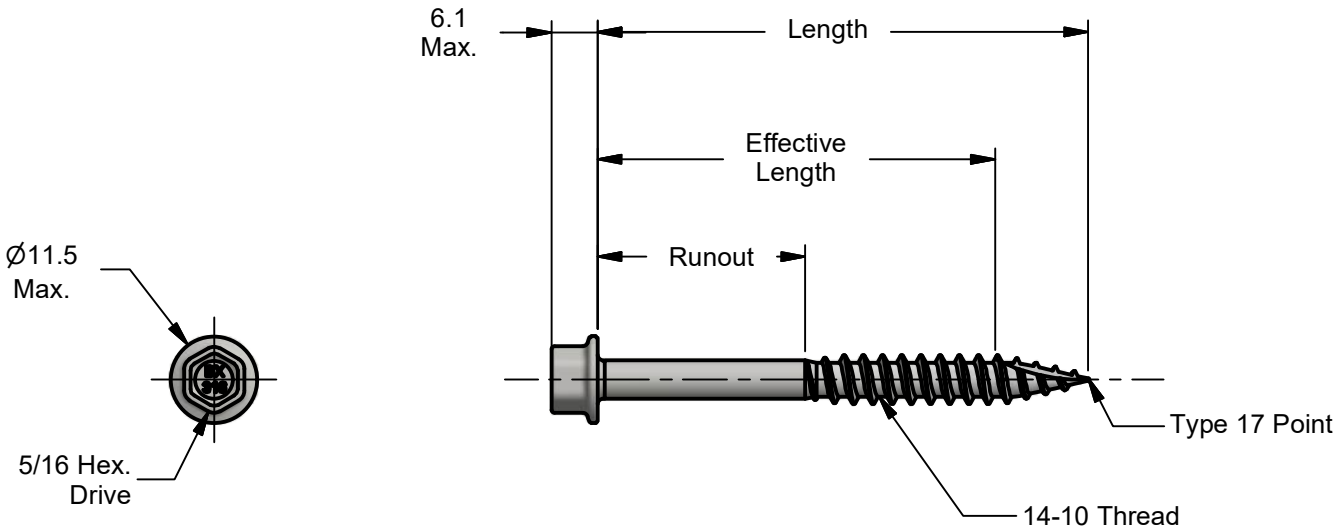
Corrosion Performance: Stainless Steel Grade 316 (A2)

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Product Technical Data Sheet

14-10 Hex Head Part Thread Stainless Steel Grade 316 Type 17

Part Number	Description	Pack Qty	Pallet Qty
6-032-0043-1	14-10 x 65 Hex Head Stainless Steel Grade 316 T17	500 / 1000	84,000
6-032-0039-7	14-10 x 75 Hex Head Stainless Steel Grade 316 T17	500 / 1000	84,000



Part Number	Description	Length	Runout	Effective Length
6-032-0043-1	14-10 x 65 Hex Head Stainless Steel Grade 316 T17	63.5 / 65.0	25.5 / 29.5	891011
6-032-0039-7	14-10 x 75 Hex Head Stainless Steel Grade 316 T17	73.5 / 75.0	28.5 / 32.5	891011

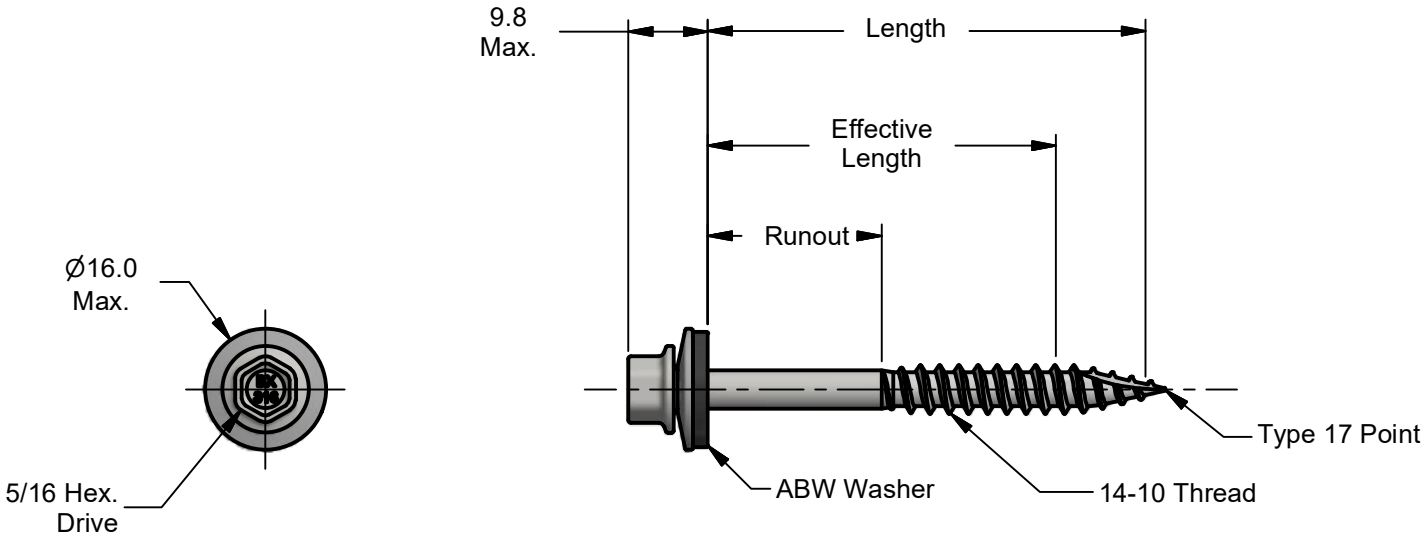
All dimensions nominal unless otherwise stated. Normal manufacturing tolerances apply. All dimensions in millimeters. Third Angle Projection. Scale: Full Size

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Product Technical Data Sheet

14-10 Hex Head Part Thread Stainless Steel Grade 316 Type 17

Part Number	Description	Pack Qty	Pallet Qty
6-037-0043-3	14-10 x 65 Hex Head Stainless Steel Grade 316 T17 16 mm ABW	1000	84,000
6-037-0039-2	14-10 x 75 Hex Head Stainless Steel Grade 316 T17 16 mm ABW	500	42,000



Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Runout	Effective Length
6-037-0043-3	14-10 x 65 Hex Head Stainless Steel Grade 316 T17 16 mm ABW	58.5 / 60.3	20.8 / 24.8	46.8 Min.
6-037-0039-2	14-10 x 75 Hex Head Stainless Steel Grade 316 T17 16 mm ABW	68.8 / 70.3	23.8 / 27.8	56.8 Min.

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

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