

## Product Technical Data Sheet

### 12-11 Hex Head BattenZips

Part Number	Description	Pack Qty	Pallet Qty
6-311-0610-1MP	12-11 x 40 BattenZips	1000	105,000

#### Application:

Buildex® 12-11 x 40 Hex Head BattenZips® are designed for fixing Top Hat thin metal battens, pine and hardwood timber battens steel and timber trusses. The screw can also used as a companion screws in steel wall frames, roof and floor truss assembly.

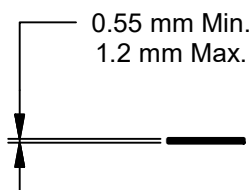
Features	Benefits
Hex Drive	For positive drive under high installation torque.
Buttress Thread	For maximum into thin top hat batten
Zips Point	For drilling into timber and metal while ensuring maximum pullout strength and high strip torque.
Finish	Corrosion performance of Climaseal 3 to suit the application.

#### Installation Instructions:

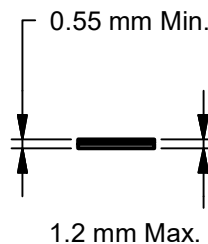
1. Use a 5/16" Hex Socket.
2. Use a mains powered or cordless screw driver with a drive speed of 3,000 RPM maximum.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has fastened.

#### Drilling and Installing Capacity: Metal and Timber F7 Pine, F17 Hardwood and Ultra Hard Timber

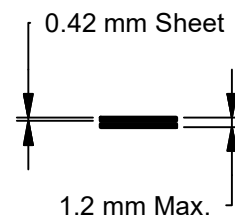
Single Thickness of Metal



Multiple Pieces of Metal



Multiple Pieces of Metal with Air Gap



#### Mechanical Properties:

Single Shear Strength (Newton) 8,400 | Axial Tensile (Newton) 13,900 | Torsion Strength 13.5 Newton-metre

#### Pullout Values (Newton):

G550 0.55 mm Batten: 1,520 | G550 0.75 mm Batten: 2,420 | G500 1.2 mm Stud: 2,680

F7 (Pine) Timber, 35 mm embedment: 5,710 | F17 (Hardwood) Timber 35 mm embedment: 6,460

Ultra Hard Timber 35 mm embedment: 6,960

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.

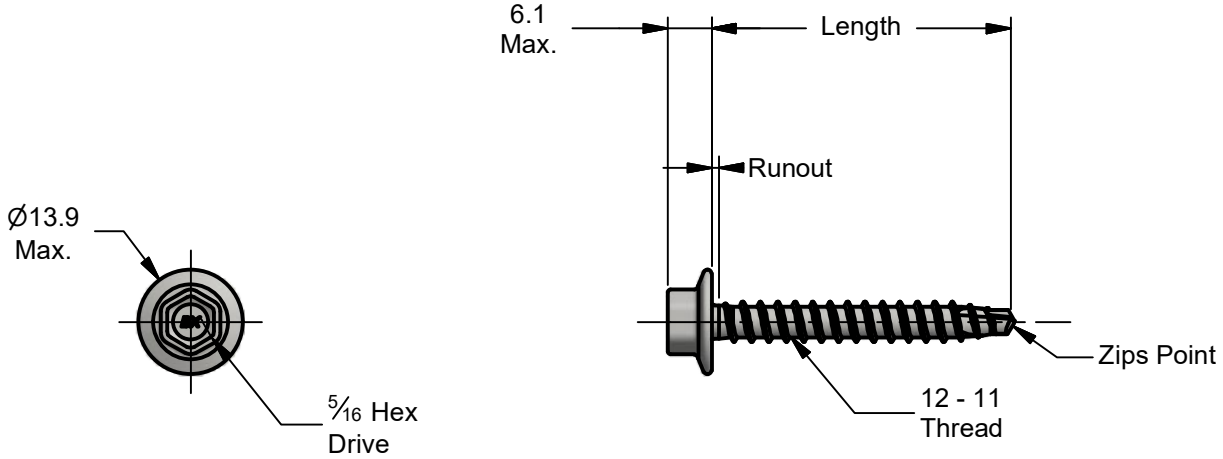
**Material:** Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 3®

#### Corrosion Performance:

Climaseal 3 Fasteners are suitable for use in Category 3 corrosive environments as described in ISO 9223-2012 and AS4312-2008

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### 12-11 Hex Head BattenZips



Part Number	Description	Length	Runout
6-311-0610-1MP	12-11 x 40 BattenZips	38.5 / 40.0	2.3 Max.

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

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