

Product Technical Data Sheet

14-14 Hex Head Stainless 304 Tek

Part Number	Description	Pack Qty	Pallet Qty
6-397-0007-7	14-14 x 31 Hex Head Stainless 304 Tek	500 / 1500	108,000
6-397-0107-7	14-14 x 31 Hex Head Stainless 304 Tek with 16 mm ABW	500 / 1500	108,000





Application:

Buildex® 14 -14 Hex Head Stainless Steel Grade 304 Tek® Screws are used for pan fixing roof sheets and fixing side cladding to steel or aluminium when protection from a corrosive environments and or a complete system compatibility is crucial.

Product Compatibility with Cladding:

Refer to BlueScope Technical Bulletin TB-16

Drill Capacity:

 Aluminium Thickness 1.2mm ~ 6.0 mm	 Aluminium Thickness 2 x 3.0 mm Max.
 Steel 1.2 mm ~ 3.0 mm	 Steel 2 x 2.4 Max.

Features:

Hex Drive

Tek® Point

Finish

Benefits:

For positive drive under high installation torque

For drilling into steel while ensuring maximum pullout strength and a high strip torque.

Rustpert® top coat over Grade 304 Stainless Steel for corrosion resistance and lubricity

Installation Instructions:

1. Use a 3/8 Hex Head Driver Bit
2. Use a mains powered or cordless screw driver with a 3,000 RPM speed max.
3. Fit the 3/8 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.

Material: Fastener: Head and Shank: Stainless Steel Grade 304 | Drill Point: Stainless Steel 410.

Material: Bonded Washer: 1.0 mm thick Aluminium back EDPM washer.

Heat Treatment: Not applicable | **Finish:** Rustpert® top coat over Grade 304 Stainless Steel

Mechanical Properties:

Single Shear Strength (N) 9,400 | Axial Tensile (N) 15,700 | Torsion Strength 15,0 N-m

Pullout Values (N):

Steel Stud 1.2 mm 2,200 | Steel Purlin G450 1.5 mm 4,000 | Steel Purlin G450 1.9 mm : 5,850 |

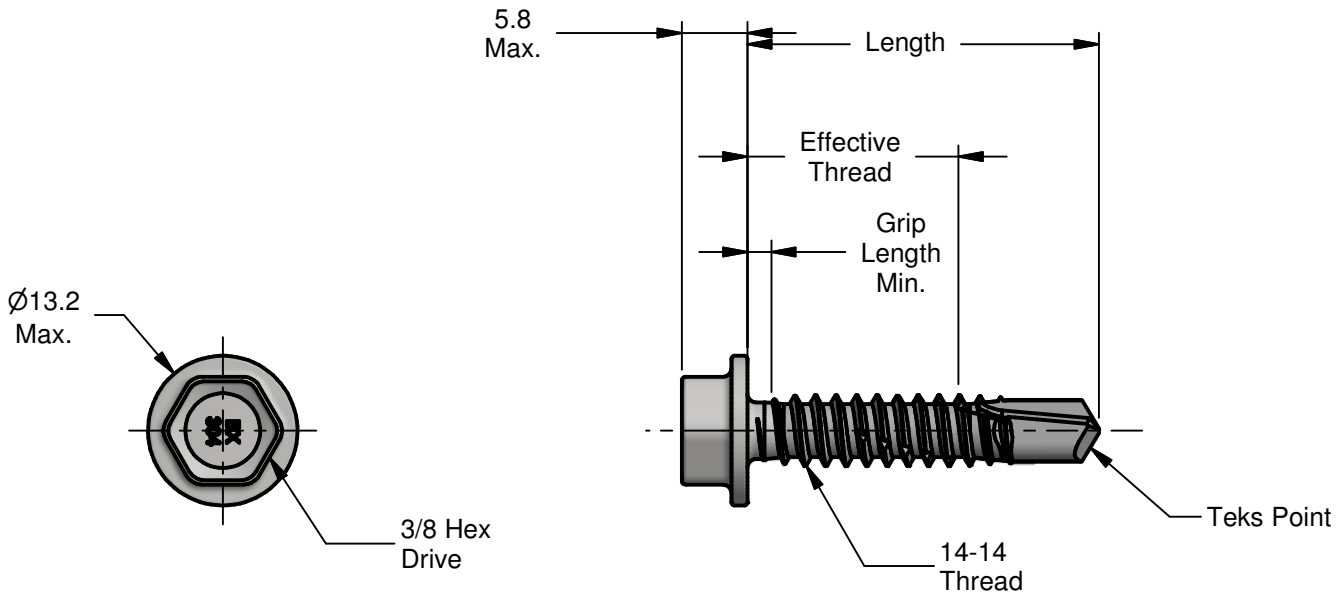
Steel Purlin G450 2.4 mm : 8,250 | Aluminium 3.0 mm 4,400 | Aluminium 6.0 mm 10,700

All values are averages obtained under laboratory conditions and appropriate safety factors should be applied for design purposes.

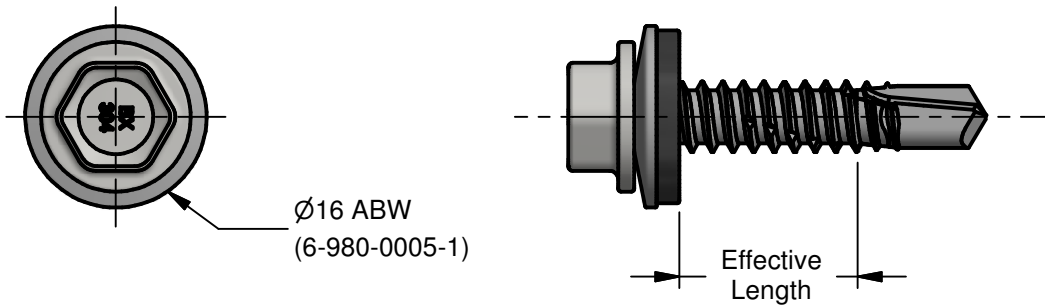
These figures are applicable to Buildex® head marked product only.

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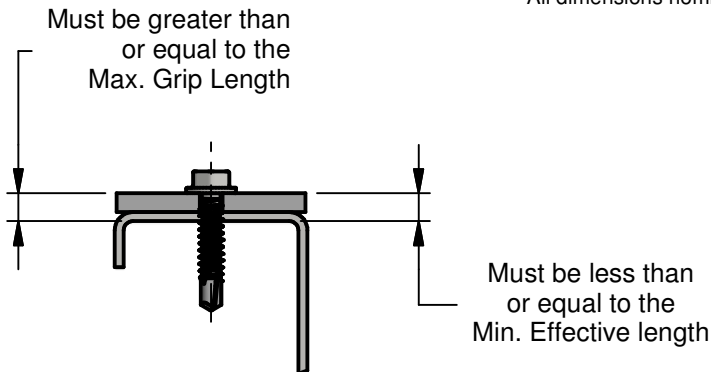


Description	Length	Grip Length	Effective Length
14 -14 x 31 Hex Head Stainless 304 Tek	29.8 / 32.2	2.5 Max.	16.5 Min.



Part Number	Effective Length
14 -14 x 31 Hex Head Stainless 304 Tek with 16 mm ABW	11.8 Min.

All dimensions nominal unless otherwise stated. Normal manufacturing tolerances apply.



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