

Product Technical Data Sheet

14 -14 Hex Washer Stainless Bi Metal Tekes® with 16.0 mm Bonded Washer

Part Number	Description	Pack Qt	Pallet Qty
6-397-0107-7	14 -14 x 31 Hex Washer Bi Metal Tekes® / 16 mm Stainless Steel Bonded Washer	?	?

Application:

Buildex® 14 -14 Hex Washer Stainless Steel Bi Metal Tekes® Screw is used for pan fixing roof sheets, fixing side cladding to steel or aluminium, when protection from a corrosive environments and or a complete system compatibility is crucial.

Drill Capacity:

Steel 1.2 mm ~ 2.4 x 2 | Aluminum 3.0 mm ~ 6.0 mm

Features:

Hex Drive
Tekes® 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 (A2) Stainless Steel for corrosion resistance and lubricity

Installation Instructions:

1. Use a Buildex® 5/16 Hex Head Driver Bit (1-991-1366-9)
2. Use a mains powered or cordless screw driver with a 2,500 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.

Material: Head and Shank: Stainless Steel Grade 304 | Drill Point: Stainless Steel 410 or Steel SAE 1022

Heat Treatment: Not applicable | **Finish:** Rustpert® top coat over Grade 304 (A2) Stainless Steel

Mechanical Properties:

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

Pullout Values (N):

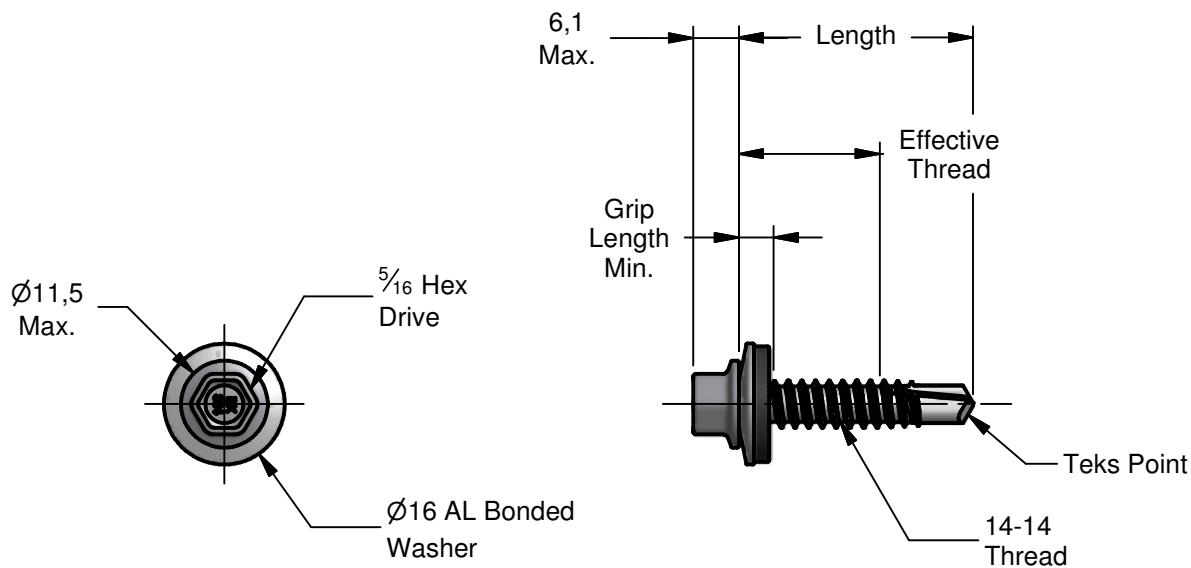
Steel Stud 1.2 mm 2,200 | Steel Purlin G450 1.5 mm 4,000 | Steel Purlin G450 1.9: 5,850 | Steel Purlin G450 2.4: 8,250
Aluminium 3.0mm 4,400 | Aluminium 6.0 mm 10,700

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.

Product Technical Data Sheet

14 -14 Hex Washer Stainless Bi Metal Teks® with 16.0 mm Bonded Washer



Description	Length	Grip Length	Effective Length
14 -14 x 31 Hex Washer Bi Metal Teks® with Al BW	29.8 / 32.2	2.5 Max.	16.5 Min.

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

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