

Product Technical Data Sheet

14 -14 Hex Head Stainless 304 TekS

Part Number	Description	Pack Qty	Pallet Qty
6-392-0008-8	14 -14 x 52 Hex Head Stainless 304 TekS	500	52,000
6-397-0108-8	14 -14 x 52 Hex Head Stainless 304 TekS with 16 mm ABW	500	52,000
6-392-0009-9	14 -14 x 70 Hex Head Stainless 304 TekS	500	42,000
6-397-0109-9	14 -14 x 70 Hex Head Stainless 304 TekS with 16 mm ABW	500	42,000
6-392-0010-1	14 -14 x 80 Hex Head Stainless 304 TekS	500	42,000
6-397-0110-1	14 -14 x 80 Hex Head Stainless 304 TekS with 16 mm ABW	500	42,000
6-392-0011-1	14 -14 x 90 Hex Head Stainless 304 TekS	500	21,600
6-397-0111-1	14 -14 x 90 Hex Head Stainless 304 TekS with 16 mm ABW	500	21,600
6-397-0136-6	14 -14 x 195 Hex Head Stainless 304 TekS with 16 mm ABW	250	18,000





Application:

Buildex® 14 -14 Hex Head Stainless Steel Grade 304 TekS® Screws are used for crest and 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

TekS® 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 backed 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 |

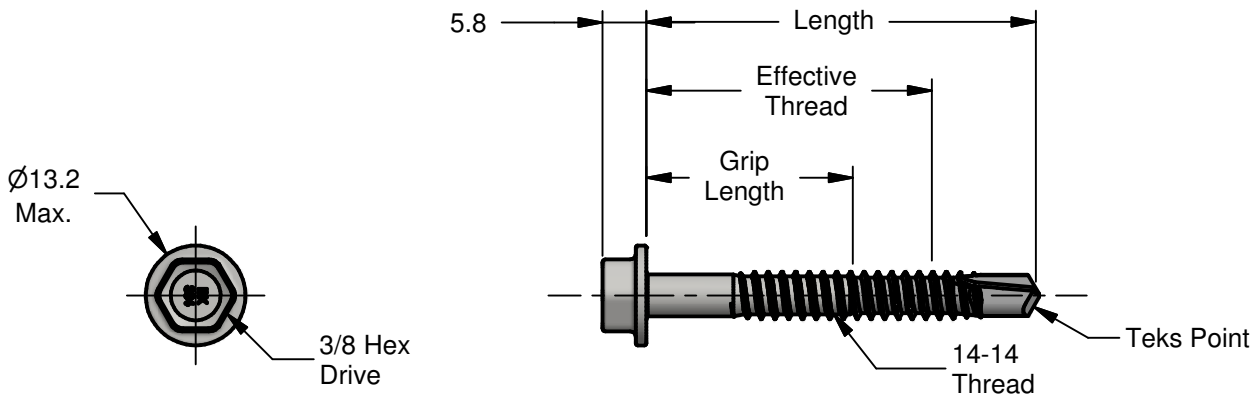
Steel Purlin G450 2.4 mm : 8,250 | Aluminium 3.0mm 4,400 | Aluminium 6.0 mm 10,700

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

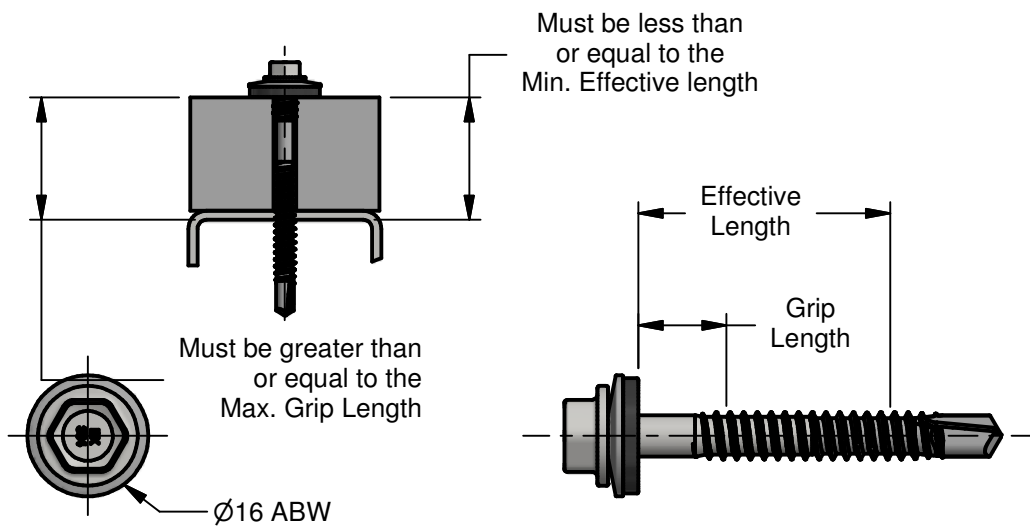
These figures are applicable to Buildex® head marked product only.

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14 -14 Hex Head Stainless 304 Tek



Description	Length	Grip Length	Effective Length
14 -14 x 52 Hex Head Stainless 304 Tek	51.3 / 53.0	16.25 Max.	38.0 Min.
14 -14 x 70 Hex Head Stainless 304 Tek	69.5 / 71.0	26.25 Max.	56.0 Min.
14 -14 x 80 Hex Head Stainless 304 Tek	79.5 / 81.0	36.25 Max.	66.0 Min.
14 -14 x 90 Hex Head Stainless 304 Tek	89.5 / 91.0	46.25 Max.	76.0 Min.
14 -14 x 195 Hex Head Stainless 304 Tek	194.5 / 196.0	96.0 Max.	178.0 Min.



Part Number	Grip Length	Effective Length
14 -14 x 52 Hex Head Stainless 304 Tek with 16 mm ABW	11.35 Max.	33.3 Min.
14 -14 x 70 Hex Head Stainless 304 Tek with 16 mm ABW	21.35 Max.	53.3 Min.
14 -14 x 80 Hex Head Stainless 304 Tek with 16 mm ABW	31.35 Max.	63.3 Min.
14 -14 x 90 Hex Head Stainless 304 Tek with 16 mm ABW	41.35 Max.	73.3 Min.
14 -14 x 195 Hex Head Stainless 304 Tek with 16 mm ABW	91.5 Max.	174.0 Min.

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