

Product Technical Data Sheet

14-10 x 53 Hex Washer Tekes®

Part Number	Description	Pack Qty	Pallet Qty
6-311-3148-7C4	14-10 x 53 Hex Washer Tekes® Bare	1000	60,000
6-310-3111-2C4	14-10 x 53 Hex Washer Tekes® with EDPM Seal	1000	60,000
6-310-3146-4C4	14-10 x 53 Hex Washer Tekes® with 14mm ABW		
6-310-3162-2C4	14-10 x 53 Hex Washer Tekes® with CoriLok Plate	250	21,000
6-310-3164-2C4	14-10 x 53 Hex Washer Tekes® with SquareLok Plate	250	26,250
6-310-3150-2C4	14-10 x 53 Hex Washer Tekes® with MultiSeal	250	26,250

Application:

Buildex® 14-10 x 53 mm Hex Washer Tekes® Screw is used for crest fixing Roof Sheets to steel purlins. The product is available with an EDPM Seal, 14mm ABW, MultiSeal, Corrilok® and Squarelok® plate Cyclone Plates

Drill Capacity:

Steel 1.2 mm ~ 2,4 x 2

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.
Corrosion performance Class 4.

Installation Instructions:

1. Use a Buildex® 3/8 Hex Head Driver Bit (1-991-1370-4)
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
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: Carbon Steel SAE 1022 **Heat Treatment:** To AS 3566.1 | **Finish:** To AS 3566.2 Class 4

Mechanical Properties:

Single Shear Strength (N) 10,900 | Axial Tensile (N) 19,700 | Torsion Strength 18,50 N-m

Pullout Values (N):

Steel Purlin 1,2: 2,600 | Steel Purlin 1,5: 4,680 | Steel Purlin 1,9: 6,500 | Steel Purlin 2,4: 8,100

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

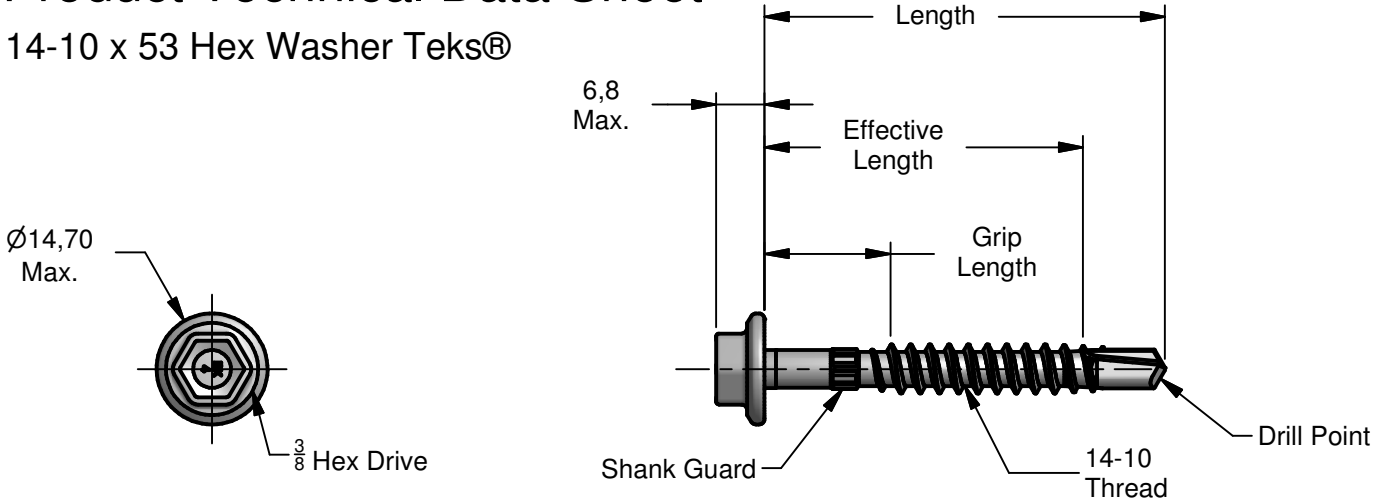
These figures are applicable to Buildex® head marked product only.

Corrosion Performance:

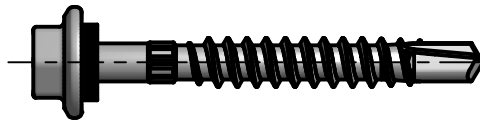
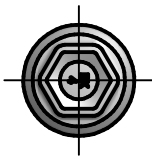
Buildex® 14-10 x 53 mm Hex Washer Tekes Screw complies to Australian Standards AS3566.2 Class 4

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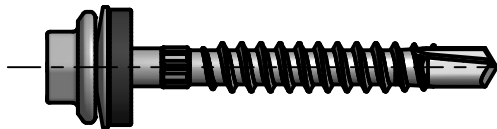
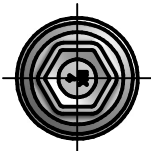


Part Number	Description	Length	Grip Length	Effective Length
6-311-3148-7C4	14-10 x 53 Hex Washer Tek®	51.5 / 53.0	13.00 / 15.0	35.5 Min.



For Non Cyclone Areas

Part Number	Description
6-310-3111-2C4	14-10 x 53 Hex Washer Tek® with EDPM Seal



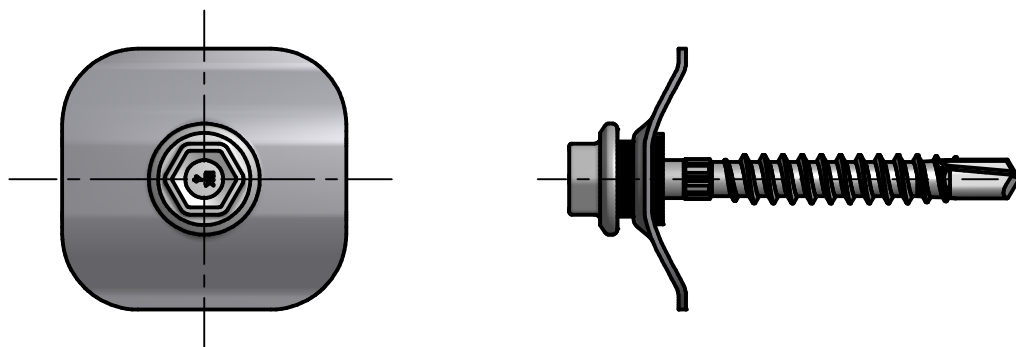
For Non Cyclone Areas

Part Number	Description
6-310-3146-4C4	14-10 x 53 Hex Washer Tek® with 16 mm ABW

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

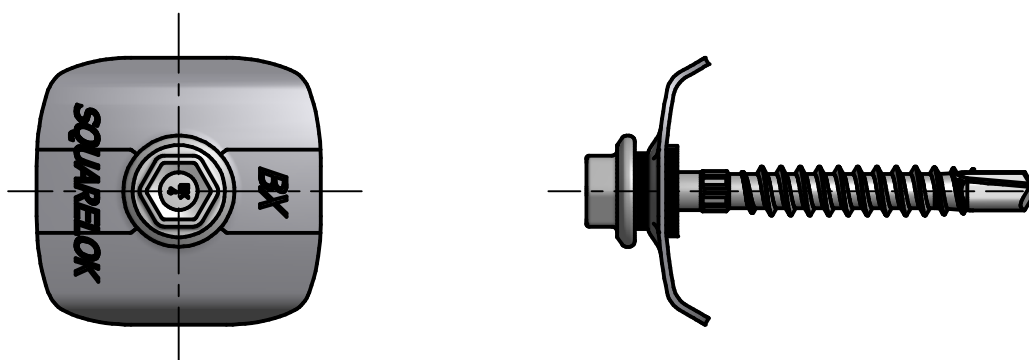
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14-10 x 53 Hex Washer Tek®



For Corrugated Profiles in Cyclone Areas

Part Number	Description
6-310-3162-2C4	14-10 x 53 Hex Washer Tek® with Corilok® Plate

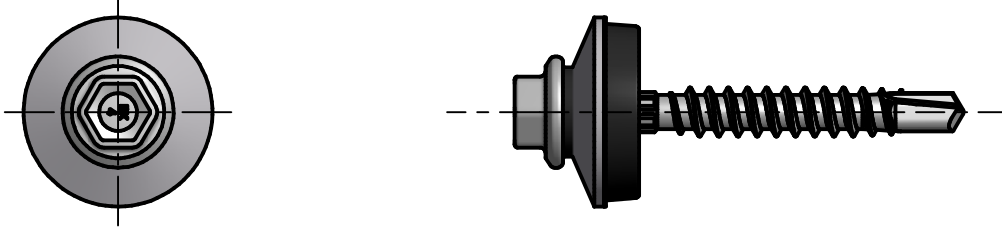


For Square Rib Profiles in Cyclone Areas

Part Number	Description
6-310-3164-2C4	14-10 x 53 Hex Washer Tek® with Squarelok® Plate

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14-10 x 53 Hex Washer Tek®



For Ridge Cap Fixing in Cyclone Areas

Part Number	Description
6-310-3150-2C4	14-10 x 53 Hex Washer Tek® with MultiSeal®

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

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