

Product Technical Data Sheet

12 -14 Hex Washer HigripTekS

Part Number	Description	Pack Qty	Pallet Qty
6-310-0260-8CS	12 -14 x 37.5 Hex Washer HiGrip TekS Climaseal 3	1000	114,000
6-310-0261-2CS	12 -14 x 50.0 Hex Washer HiGrip TekS Climaseal 3	1000	84,000
6-310-0326-2CS	12 -14 x 68.0 Hex Washer HiGrip TekS Climaseal 3	1000	60,000
6-310-0350-4CS	12 -14 x 55.0 Hex Washer HiGrip TekS Climaseal 3	1000	84,000

Application:

Buildex 12 -14 Hex Washer HiGripTekS Screw is used for crest fixing Corrugated and Square Rib Roof Sheets to steel purlins.

Drill Capacity:

Steel 1,2 mm ~ 2,4 x 2

Features:

Hex Drive
Hi Grip Thd
Shank Guard
TekS Point
Finish

Benefits:

For positive drive under high installation torque
Stop sheet from moving when the roof is walked on.
Protects the shank from scratching and scouring during installation
For drilling into steel while ensuring maximum pullout strength and a high strip torque.
Corrosion performance Class 3.

Installation (standard screwdriver) Instructions:

1. Use a $\frac{5}{16}$ Hex Head Driver Bit (Buildex Part 1-991-1366-9)
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
3. Fit the $\frac{5}{16}$ 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: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climeaseal 3

Mechanical Properties:

Single Shear Strength (N) 8,800 | Axial Tensile (N) 15,300 | Torsion Strength 13,20 N-m

Pullout Values (N):

Steel Purlin 1,2: 2,200 | Steel Purlin 1,5: 4,080 | Steel Purlin 1,9: 5,420 | Steel Purlin 2,4: 7,360

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:

The Buildex 12 -14 Hex Washer HiGripTekS Screw complies to Australian Standards AS3566.2 Class 3

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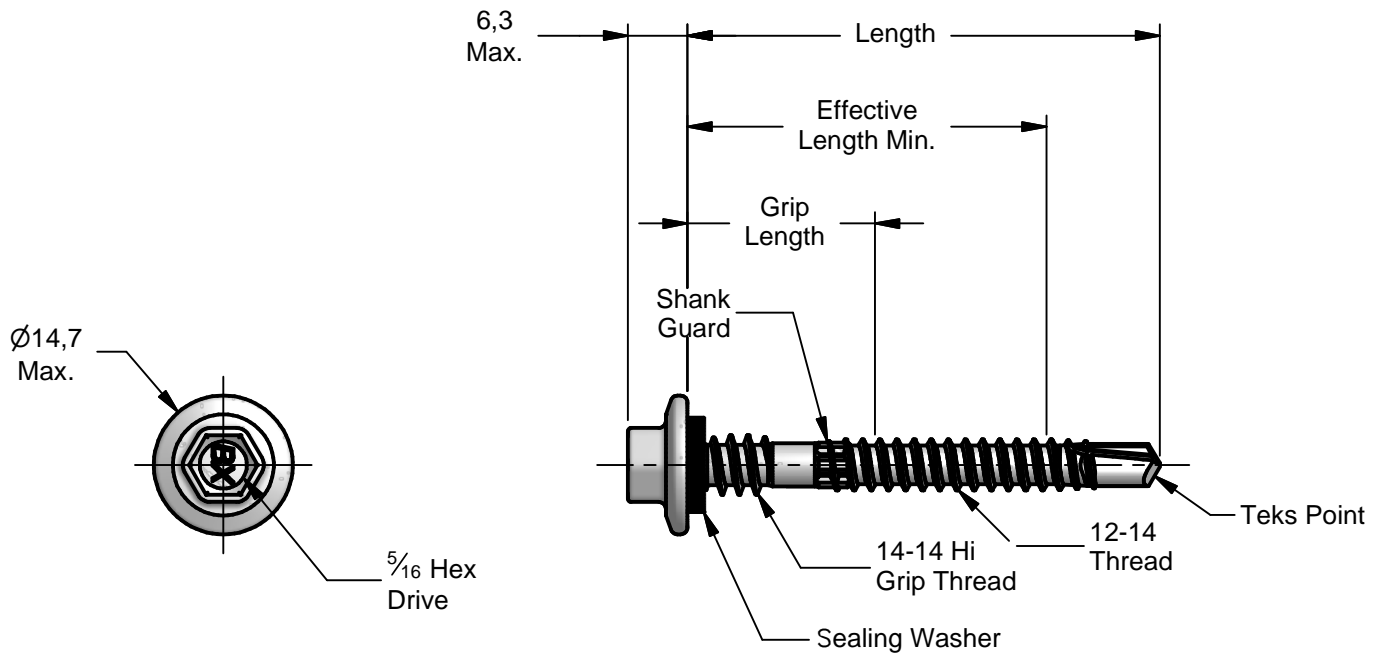
Status Released | Written By John Mallet | Date Written 8/02/2011 | Current Issue 1 | Current Issue Date 8/02/2011

A Division of ITW Buildex Australia Pty Ltd. ACN 004 235 036 ABN 63 004 235 063

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Description	Length	Grip Length	Effective Length
12 -14 x 37.5 Hex Washer Hi Grip Teks	35.5 / 37.0	14.75 / 16.8	22.0
12 -14 x 50.0 Hex Washer Hi Grip Teks	48.5 / 50.0	18.5 / 20.5	35.0
12 -14 x 68.0 Hex Washer Hi Grip Teks	66.5 / 68.0	33.5 / 35.5	53.0
12 -14 x 55.0 Hex Washer Hi Grip Teks	53.5 / 55.0	26.5 / 28.5	40.0

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

Dr David Collinson
 Technical & Product Development
 Manager Buildex

Alan Brooke
 Quality Assurance
 Manager Buildex

Buildex Head Office
 600 South Road
 Moorabbin Victoria 3189
 Australia
 Customer Service Australia
 CustomerService-MBN@buildex.com.au
 1300 368 101
 Buildex Middle Eastern Sales Office
 Office 309
 Building 3 East
 Dubai Airport Free Zone, UAE
 Customer Service Middle East & Indian
 Subcontinent
 middleeastsales@buildex.com.au
 1300 368 101
 Buildex Website
<http://www.buildex.com.au>
 Technical Help Desk
 Technicalhelpdesk@buildex.com.au
 1300 137 273

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Status Released | Written By John Mallet | Date Written 8/02/2011 | Current Issue 1 | Current Issue Date 8/02/2011