Product Technical Data Sheet

14-10 Hex Head Part Threaded Teks

Application:

Buildex® 14-10 Hex Head Teks® are designed for crest pierce fixing roof and side cladding to steel purlins. Available either bare or with EDPM Sealing Washer.

In cyclonic regions the 14-10 Hex Head Teks® can be used with either the Roof-Lok® or Hi-Rib cyclone plates or MultiSeal® Washer.

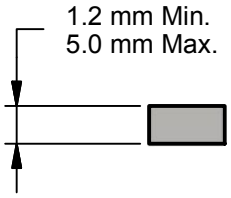
Features	Benefits
Hex Drive	For positive drive under high installation torque.
Teks Point	For drilling into steel while ensuring maximum pullout strength and a high strip torque.
Finish	Corrosion preformance of Climaseal 4.
Colormatch	The 14-10 Teks and 14-10 Assemblies can be painted to match Colorbond sheeting products.

Installation Instructions:

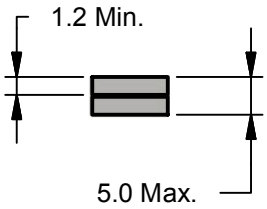
1. Use a 3/8" Hex Socket.
2. Use a mains powered or cordless screw driver with a drive speed of 3,000 RPM maximum.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has fastened.

Drilling and Installing Capacity

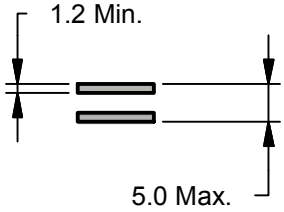
Single Thickness of Metal



Multiple Pieces of Metal



Multiple Pieces of Metal with Air Gap



Mechanical Properties:

Single Shear Strength (Newton) 10,900 | Axial Tensile (Newton) 19,700 | Torsion Strength 18.5 Newton-metre

Pullout Values (Newton):

Steel Purlin G450 1.2 mm: 2,600 | Steel Purlin G450 1.5 mm: 4,680 | Steel Purlin G450 1.9 mm: 6,500 | Steel Purlin G450 2.4 mm : 8,100 | Steel Purlin G450 3.0 mm : TBA | Steel HRS 2.0 mm : 5,300 | Steel HRS 3.0 mm : 9,900 | Steel HRS 4.0 mm : 11,200 | Steel HRS 5.0 mm : TBA

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.

Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 4®

Corrosion Performance:

Climaseal 4® Screws comply to Australian Standards AS 3566.2 Class 4 and are suitable for ISO 9223-2012 Category 4

Cyclonic Testing:

RoofLok and Multiseal assemblies are tested and pasted by the James Cook University Cyclone Testing Station to the Lo-Hi-Lo standard.

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Product Technical Data Sheet

14-10 Hex Head Part Threaded Teks

14-10 Hex Head Teks Bare Parts			
Part Number	Description	Pack Qty	Pallet Qty
6-311-3148-3C4	14-10 x 53 Hex Head Teks Climaseal 4	1000	72,000
6-311-3149-5C4	14-10 x 68 Hex Head Teks Climaseal 4	1000	60,000
6-311-3322-2C4	14-10x 78 Hex Head Teks Climaseal 4	500	42,000
6-311-3335-9C4	14-10 x 95 Hex Head Teks Climaseal 4	500	30,000

14-10 Hex Head Teks with Seal			
Part Number	Description	Pack Qty	Pallet Qty
6-310-3111-2C4	14-10 x 53 Hex Head Teks with Sea Climaseal 4	1000	72,000
6-310-3124-9C4	14-10 x 68 Hex Head Teks with Seal Climaseal 4	1000	60,000
6-310-3322-3C4	14-10 x 78 Hex Head Teks with Seal Climaseal 4	500	42,000
6-310-3335-2C4	14-10 x 95 Hex Head Teks with Seal Climaseal 4	500	30,000

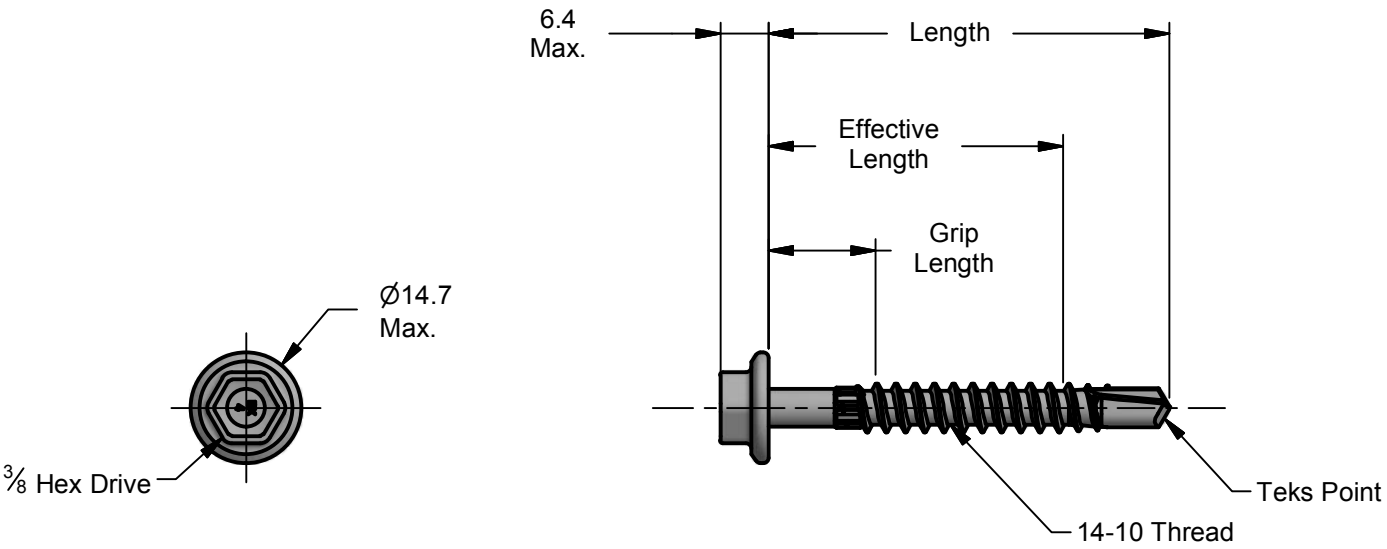
14-10 Hex Head Series 500 Tek with RoofLok			
Part Number	Description	Pack Qty	Pallet Qty
6-315-3148-8C4	14-10 x 53 Hex Head Teks with Roof-Lok Climaseal 4	250	
6-315-3149-5C4	14-10 x 68 Hex Head Teks with Roof-Lok Climaseal 4	250	
6-315-3322-2C4	14-10 x 78 Hex Head Teks with Roof-Lok Climaseal 4	200	
6-315-3335-9C4	14-10 x 95 Hex Head Teks with Roof-Lok Climaseal 4	200	

14-10 Hex Head Teks with Multiseal			
Part Number	Description	Pack Qty	Pallet Qty
6-310-3150-2C4	14-10 x 53 Hex Head Teks with MultiSeal Climaseal 4	250	
6-310-3167-1C4	14-10 x 68 Hex Head Teks with MultiSeal Climaseal 4	250	
6-310-3341-8C4	14-10 x 78 Hex Head Teks with MultiSeal Climaseal 4	250	
6-310-3502-2C4	14-10 x 95 Hex Head Teks with MultiSeal Climaseal 4	200	

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Product Technical Data Sheet

14-10 Hex Head Part Threaded Teks



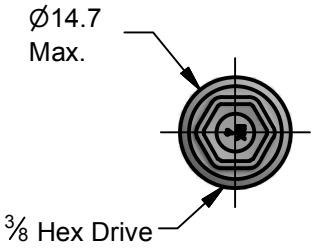
Part Number	Description	Length	Grip Length	Effective Length
6-311-3148-3C4	14-10 x 53 Hex Head Teks Climaseal 4	51.5 / 53.0	13.0 Max.	35.0 Min.
6-311-3149-5C4	14-10 x 68 Hex Head Teks Climaseal 4	66.5 / 68.0	28.0 / 30.0	50.0 Min
6-311-3322-2C4	14-10x 78 Hex Head Teks Climaseal 4	76.5 / 78.0	40.0 / 42.0	60.0 Min.
6-311-3335-9C4	14-10 x 95 Hex Head Teks Climaseal 4	93.5 / 95.0	45.5 / 47.5	77.5 Min.

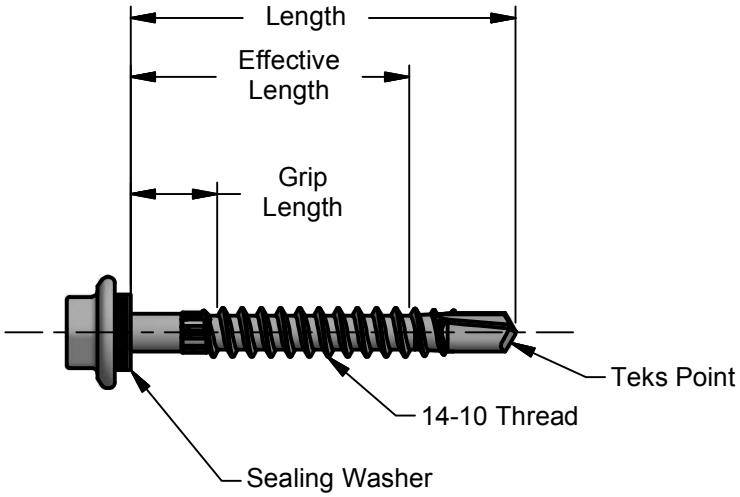
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Product Technical Data Sheet

14-10 Hex Head Part Threaded Teks





Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-310-3111-2C4	14-10 x 53 Hex Head Teks with Sea Climaseal 4	51.0 / 52.5	12.5 Max.	34.5 Min.
6-310-3124-9C4	14-10 x 68 Hex Head Teks with Seal Climaseal 4	66 / 67.5	27.5 / 29.5	50.0 Min
6-310-3322-3C4	14-10 x 78 Hex Head Teks with Seal Climaseal 4	76 / 77.5	39.5 / 41.5	59.5 Min
6-310-3335-2C4	14-10 x 95 Hex Head Teks with Seal Climaseal 4	93.0 / 94.5	45.0 / 47.0	77.0 Min

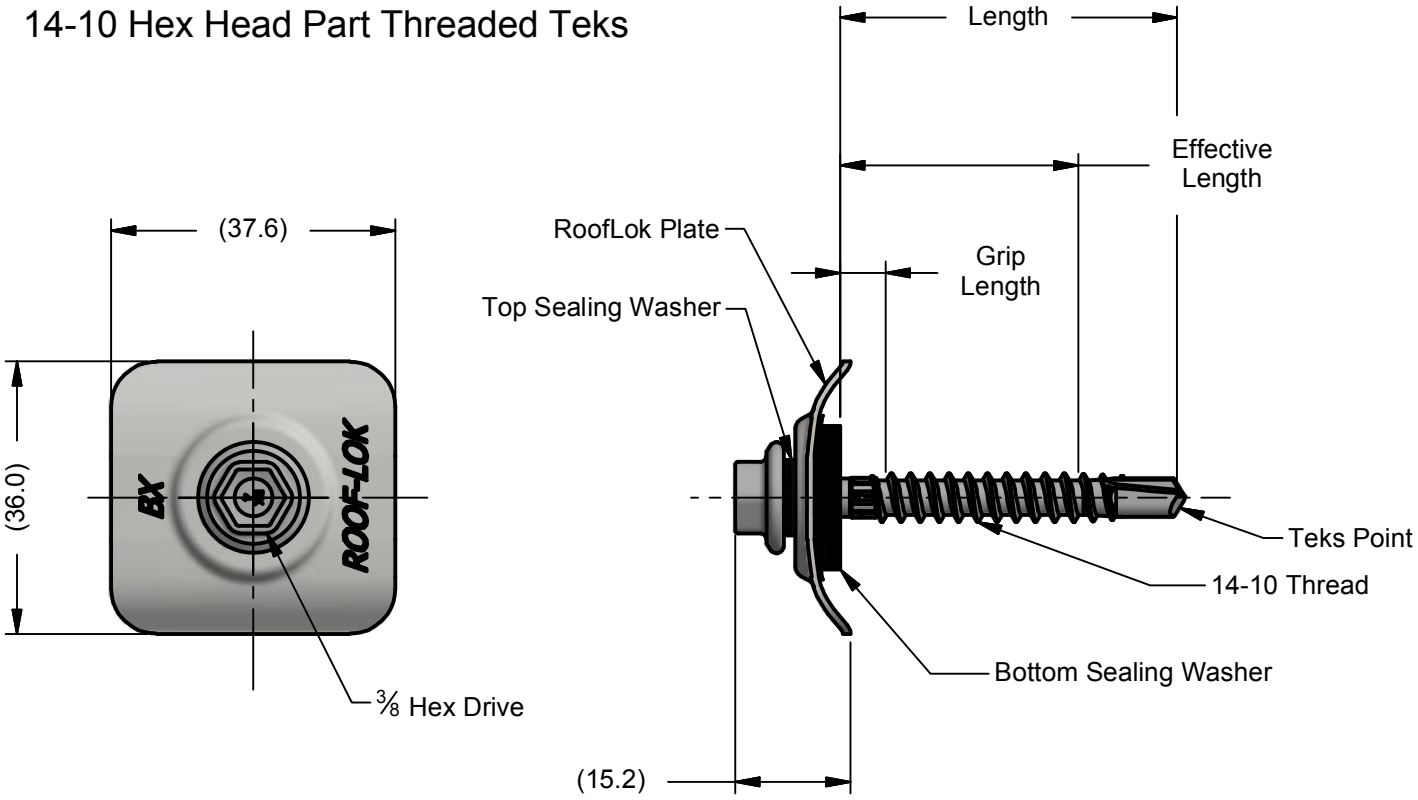
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Product Technical Data Sheet

14-10 Hex Head Part Threaded Teks



Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-315-3148-8C4	14-10 x 53 Hex Head Teks with Roof-Lok Climaseal 4	45.5 / 47.0	7.0 Max.	29.0 Min.
6-315-3149-5C4	14-10 x 68 Hex Head Teks with Roof-Lok Climaseal 4	60.5 / 62.0	22.0 / 24.0	44.0 Min.
6-315-3322-2C4	14-10 x 78 Hex Head Teks with Roof-Lok Climaseal 4	70.5 / 72.0	34.0 / 36.0	54.0 Min.
6-315-3335-9C4	14-10 x 95 Hex Head Teks with Roof-Lok Climaseal 4	87.5 / 89.0	39.5 / 41.5	71.5 Min.

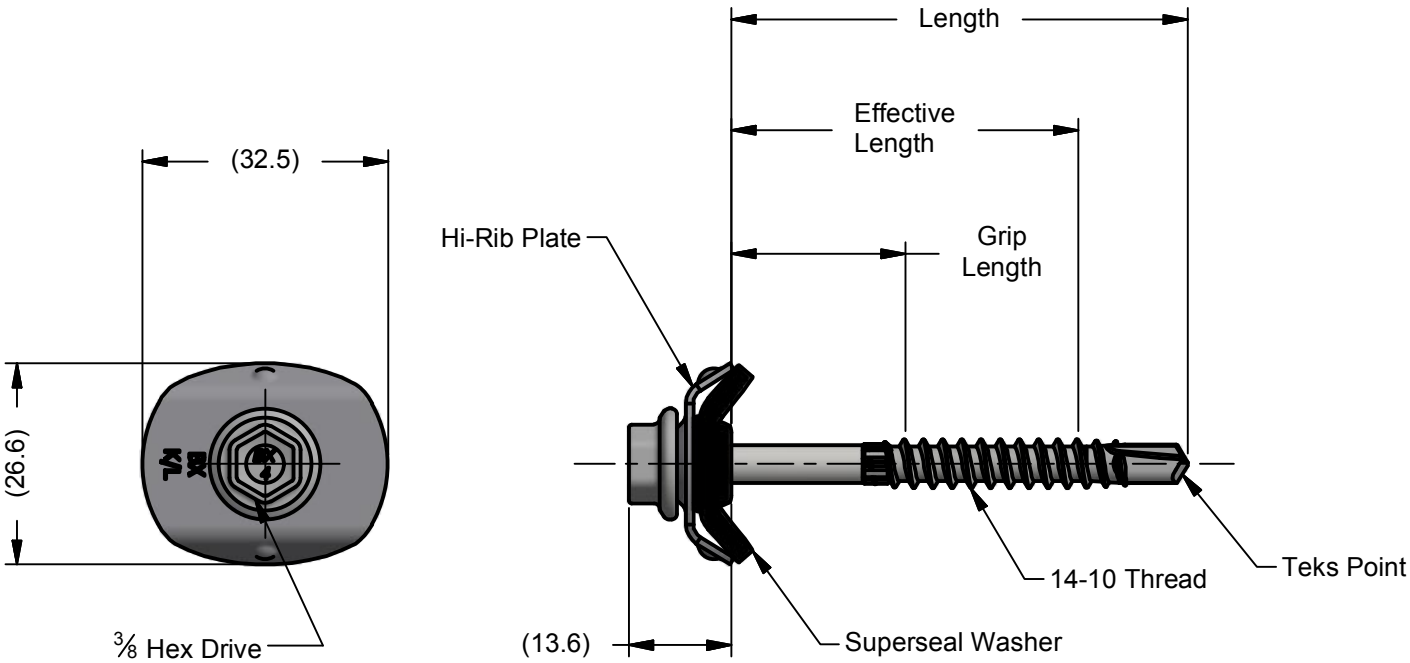
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Product Technical Data Sheet

14-10 Hex Head Part Threaded Teks

14-10 Hex Head Teks with Hi-Rib			
Part Number	Description	Pack Qty	Pallet Qty
6-310-3108-2C4	14-10 x 68 Hex Head Teks with Hi-Rib Climaseal 4	250	
6-310-3351-2C4	14-10 x 78 Hex Head Teks with Hi-Rib Climaseal 4	200	
6-310-3501-4C4	14-10 x 95 Hex Head Teks with Hi-Rib Climaseal 4	200	



Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-310-3108-2C4	14-10 x 68 Hex Head Teks with Hi-Rib Climaseal 4	60.5 / 62.0	22.0 / 24.0	44.0 Min
6-310-3351-2C4	14-10 x 78 Hex Head Teks with Hi-Rib Climaseal 4	70.5 / 72.0	34.0 / 36.0	54.0 Min
6-310-3501-4C4	14-10 x 95 Hex Head Teks with Hi-Rib Climaseal 4	87.5 / 89.0	39.5 / 41.5	71.5 Min

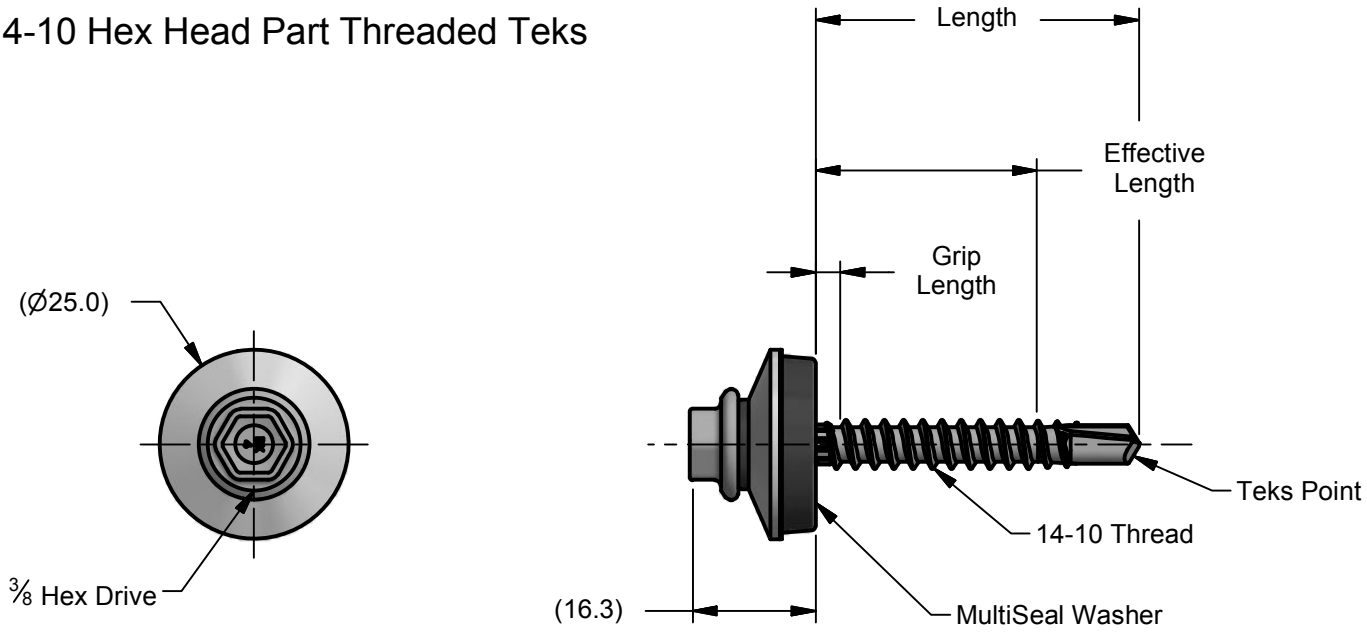
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Product Technical Data Sheet

14-10 Hex Head Part Threaded Teks



Note
Lengths from underside of sealing washer and includes compression.

Part Number	Description	Length	Grip Length	Effective Length
6-310-3150-2C4	14-10 x 53 Hex Head Teks with MultiSeal Climaseal 4	41.5 / 43.0	10.0 Max.	28.0 Min.
6-310-3167-1C4	14-10 x 68 Hex Head Teks with MultiSeal Climaseal 4	56.5 / 58.0	18.0 / 20.0	40.0 Min
6-310-3341-8C4	14-10 x 78 Hex Head Teks with MultiSeal Climaseal 4	66.0 / 67.5	30.0 / 32.0	47.5 Min
6-310-3502-2C4	14-10 x 95 Hex Head Teks with MultiSeal Climaseal 4	83.5 / 85.0	35.5 / 37.5	67.5 Min.

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