

Product Technical Data Sheet

M4.8 (10g) -16 Hex Washer Tekes® Climaseal® 3

Part Number	Description	Pack Qty	Pallet Qty
6-311-0151-4CS	M4.8 (10g) -16 x 16 Hex Washer Tekes®	1000 / 4000	288,000
6-310-0117-9CS	M4.8 (10g) -16 x 16 Hex Washer Tekes® with Seal	1000 / 4000	288,000
6-310-0658-8CS	M4.8 -16 x 16 Hex Washer Tekes® with 14 mm Galvanised Bonded Washer	1000 / 3000	216,000
6-310-0547-1CS	M4.8 -16 x 16 Hex Washer Tekes® with 14 mm Galvanised Bonded Washer	1000 / 3000	216,000
6-310-0650-1CS	M4.8 -16 x 20 Hex Washer Tekes® with 16mm Galvanised Bonded Washer	1000 / 3000	216,000
6-311-0398-4CS	M4.8 (10g) -16 x 25 Hex Washer Tekes®	1000 / 3000	216,000
6-310-0398-8CS	M4.8 (10g) -16 x 25 Hex Washer Tekes® with Seal	1000 / 3000	216,000
6-310-0729-9CS	M4.8 -16 x 20 Hex Washer Tekes® with Seal	1000 / 3000	216,000

Application:

Buildex® M4,8 (10g) -16 Hex Washer Tekes® Screws are used for fixing wall cladding to steel purlins, and metal to metal applications such as fencing, signs, fixings and trailers.

Drill Capacity:

Steel 0,75 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 AS 3566.2 Class 3.

Installation Instructions:

1. Use a Buildex® $\frac{5}{16}$ Hex Head driver bit (Part 1-991-1366-9)
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
3. Fit the Buildex® $\frac{5}{16}$ 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:** Climaseal® 3

Mechanical Properties:

Single Shear Strength (N) 6,000 | Axial Tensile (N) 12,000 | Torsion Strength 8,5 N-m

Pullout Values (N):

Batten 0,75: 1,860 | Steel Purlin 1,2: 2,320 | Steel Purlin 1,5: 4,200 | Steel Purlin 1,9: 5,500 | Steel Purlin 2,4: 7,820

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

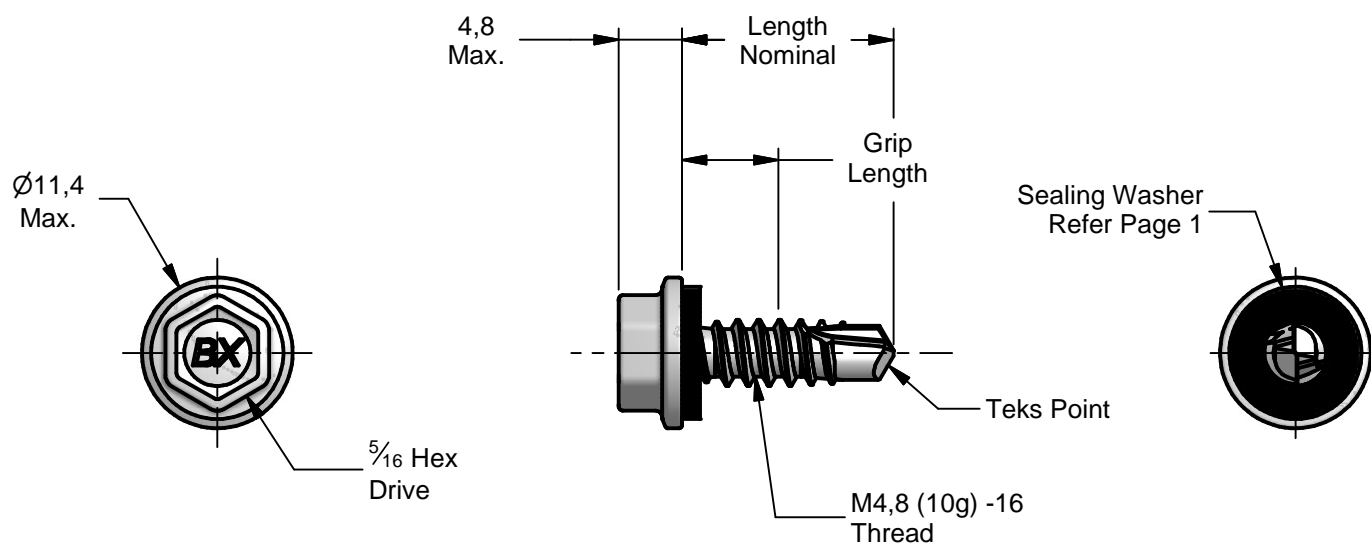
These figures are applicable to Buildex head marked product only.

Corrosion Performance:

M4.8 (10g) -16 Hex Washer Tekes® Climaseal® 3 Screw complies to Australian Standards AS3566.2 Class 3

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Description	Length	Grip Length
M4,8 (10g) -16 x 16 Hex Washer Tekes®	16.0	6,3 Min.
M4,8 (10g) -16 x 20 Hex Washer Tekes®	20.0	10,3 Min.
M4,8 (10g) -16 x 25 Hex Washer Tekes®	25.0	15,3 Min

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

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