

Product Technical Data Sheet

10-16 Wafer Tekes®

Part Number	Description	Pack Qty	Pallet Qty
6-311-0150-6	10-16 x 16 Wafer Head Tekes® Zinc Yellow	1,000 / 8,000	576,000
6-311-0150-6MP	10-16 x 16 Wafer Head Tekes® Climaseal® 3	1,000 / 8,000	576,000
6-311-0179-9	10-16 x 22 Wafer Head Tekes® Zinc Yellow	1,000 / 6,000	432,000
6-311-0179-9MP	10-16 x 22 Wafer Head Tekes® Climaseal® 3	1,000 / 6,000	432,000
6-311-0535-7	10-16 x 30 Wafer Head Tekes® Zinc Yellow	1,000 / 3,000	216,000
6-311-0535-7MP	10-16 x 30 Wafer Head Tekes® Climaseal® 3	1,000 / 3,000	216,000

Application:

Buildex® 10-16x 20 Wafer Head Tekes® Screw can be used for the assembly of steel wall frames, wall bracing, door and window lintels. The product does not require a pre-punched hole but can be used with pre-punched holes \varnothing 4,1 mm or smaller. Other applications are fixing Concealed Fix Clips and Side Cladding.

Features:

Wafer Head
No. 2 Phillips Drive
10-16 Thread
10-16 Thread
Tekes® Point

Benefits:

To fit flush or below the top of the Concealed Fix Clip dimple.
Reduces camout and recess damage
For maximum pullout strength and a higher strip torque.
High single shear and torsional strength.
Does not require a pre-punched hole.

Drilling Capacity: Steel - 1,0 mm ~ 4,0 mm

Installation Instructions:

1. Use a Buildex® Number 2 Phillips Driver Bit (Part Number 1-991-1210-3).
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
3. Fit the Phillips 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 drilled and fastened.

Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Zinc Yellow or Climaseal® 3

Mechanical Properties:

Single Shear Strength (N) 6,800 | Axial Tensile Strength (N) 11,900 | Torsion Strength (Nm) 8.4

Pullout Values (N): Steel G450

1,0 mm: 2,800 | 1,2 mm: 3,500 | 1,5 mm: 4,300 | 1,9 mm: 5,800 | 2,4 mm: 8,300 | 3,2 mm: 9,500

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

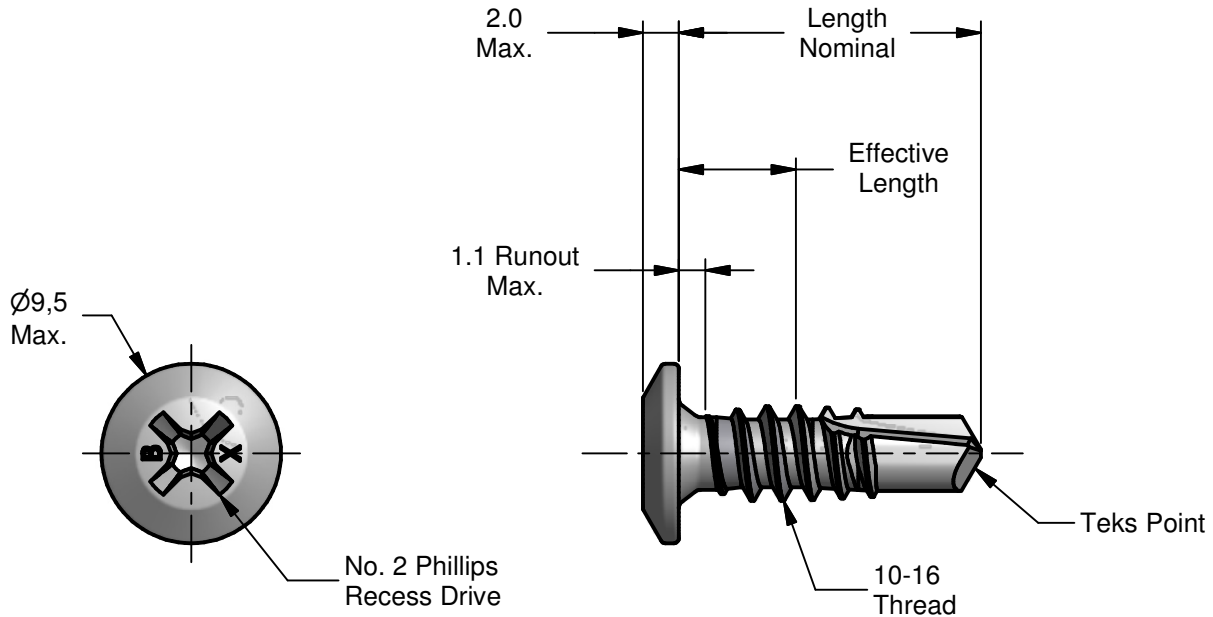
These figures are applicable to Buildex® head marked product only.

Corrosion Performance:

The 10-16 Wafer Head Tekes® with Climaseal® 3 complies to AS 3566.2 Class 3

Product Technical Data Sheet

10-16 Wafer Teks®



Description	Length	Effective Length
10-16 x 16 Wafer Teks®	14.5 / 16.0	4.25 min.
10-16 x 22 Wafer Teks®	20.5 / 22.0	9.25 Min.
10-16 x 30 Wafer Teks®	28.5 / 30.0	19.25 Min.

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

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