

## Product Technical Data Sheet

### 10-16 Smooth Top Head Full Thread TekS

Part Number	Description	Pack Qty	Pallet Qty
6-311-0695-5MP	10-16 x 16 Smooth Top TekS Climaseal 3	1000 / 4000	288,000

#### Application:

Buildex® 10 -16 Smooth Top TekS® Screw is used for fixing wall bracing, door and window lintels. The product can also be used as an all purpose product for general fixing

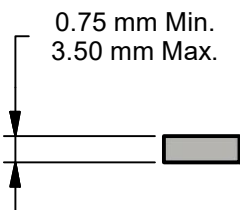
Features	Benefits
Smooth Top Head	For applications requiring a low profile head.
Phillips Drive	For positive drive under high installation torque.
TekS Point	For easy installation into steel while ensuring maximum pullout strength and high strip torque.
Finish	Corrosion performance of Climaseal 3 to suit the application.

#### Installation Instructions:

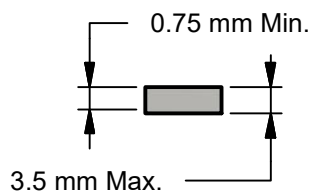
1. Use a Number 2 Phillips Cross Recess driver bit..
2. Use a mains powered or cordless screw driver with a drive speed of 3,000 RPM maximum.
3. Fit the driver bit into the screw and place at the fastening position.
4. Apply consistently firm pressure (end load) to the screw driver until the screw has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

#### Drilling and Installing Capacity:

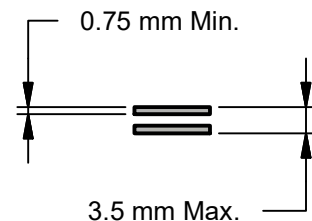
Single Thickness of Metal



Multiple Pieces of Metal



Multiple Pieces of Metal with Air Gap



#### Mechanical Properties:

Single Shear Strength (Newton) 5,750 | Axial Tensile (Newton) 12,200 | Torsion Strength 8.4 Newton-metre

#### Pullout Values (Newton):

0.75mm G550 Batten: tba | 1.0mm G550 Batten: 2,800 | 1.2mm G450 Stud: 3,500 | 1.5mm G450 Purlin: 4,300 | 1.9mm G450 Purlin: 5,800 | 2.4mm G450 Purlin 8,300 | 3.2mm G450 Purlin: 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.

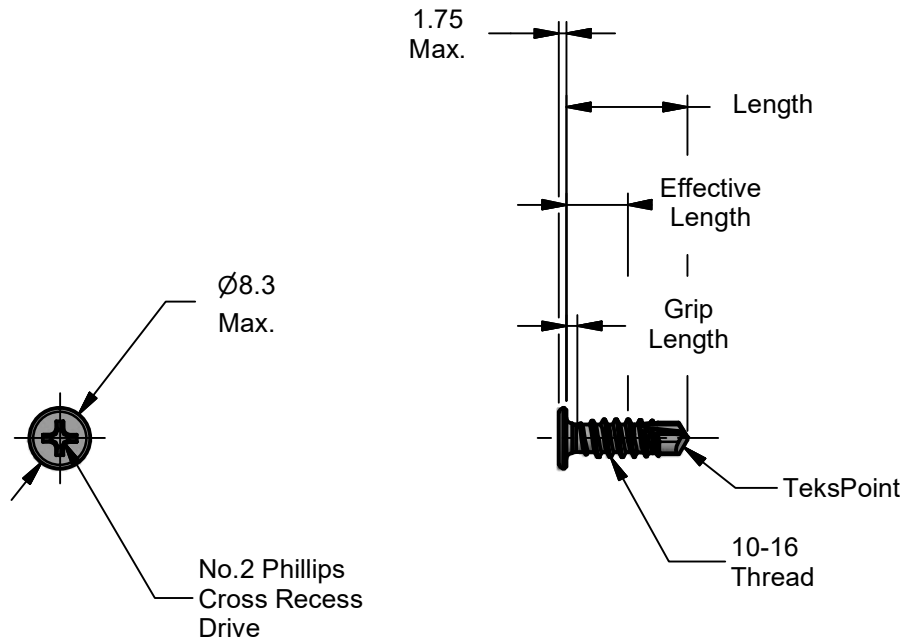
**Material:** Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climaseal 3®

#### Corrosion Performance:

Climaseal 3 Fasteners are suitable for use in Category 3 corrosive environments as described in ISO 9223-2012 and AS4312-2008

## Product Technical Data Sheet

### 10-16 Smooth Top Head Full Thread TekS



Part Number	Description	Length	Grip Length	Effective Length
6-311-0695-5MP	10-16 x 16 Smooth Top TekS Climaseal 3	14.5 / 16.0	2.4 Max.	5.3 Min.

All dimensions nominal unless otherwise stated. Normal manufacturing tolerances apply. All dimensions in millimeters. Third Angle Projection. Scale Full Size

Buildex® Head Office  
600 South Road  
Moorabbin Victoria 3189  
Australia

1300 368 101  
CustomerService-MBN@buildex.com.au

Technical Help Desk  
Technicalhelpdesk@buildex.com.au