

Product Technical Data Sheet

14-20 Flat Csk with Ribs Wing TekS Climacoat

Part Number	Description	Pack Qty	Pallet Qty
6-321-0058-7CC	14-20 x 65 Wing TekS Climacoat	500	52,500

Application:

Buildex® 14-20 TekS® Flat Csk with Ribs Wing TekS® screws are used for fixing timber floor, fences and composite boards to metal.

Drilling and Installing Capacity

Refer sheet 2

Features:

Underhead Teeth

TekS® Point

WingTekS®

Benefits:

For counter-sinking the head into the timber or composite board.

For drilling into steel while ensuring maximum pullout strength and a high strip torque.

Removes the need for pre drilling the timber or composite board.

Installation Instructions:

1. Use a Number 3 Phillips Driver Bit
2. Use a mains powered or cordless screw driver with a maximum 1000 RPM speed.
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.

Mechanical Properties:

Single Shear Strength (Newton) 9,000 | Axial Tensile (Newton) 16,700 | Torsion Strength 13.5 Newton-metre

Pullout Values (Newton):

Steel Stud G450 1.20 mm: 2,100 | Steel Purlin G450 1.50 mm: 4,200 | Steel Purlin G450 1.90 mm: 5,700 | Steel Purlin G450 2.40 mm: 7,700

Steel Purlin G450 3.0 mm: 9,600

HRS 6.0 mm: 22,000 | HRS 8.0 mm: 22,000 | Square Steel Tube: 3.00 mm: 9,400 | Square Steel Tube: 4.00 mm: 14,900 | Square Steel Tube: 5.00 mm: 15,400

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.

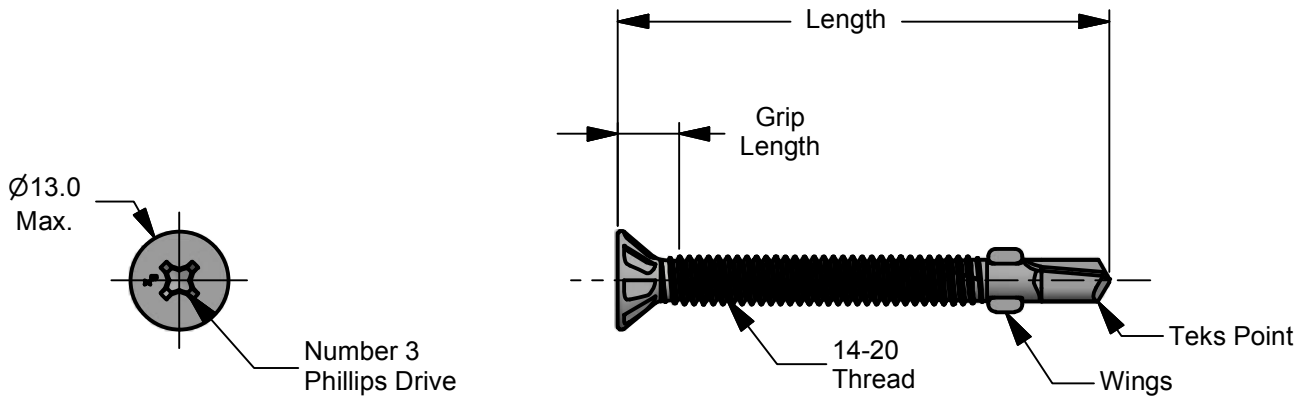
Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Climacoat®

Corrosion Performance:

Climacoat® Screws comply to 1000 Hours Salt Spray Testing when tested in accordance to AS 2331.3.1

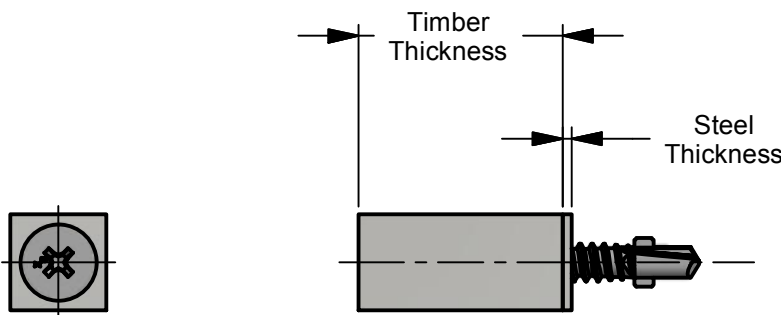
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Part Number	Description	Length	Grip Length
6-321-0058-7CC	14-20 x 65 Wing Tek Climacoat	63.5 / 65.0	9.5 Max.

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



Part Number	Timber Thickness	Steel Thickness
6-321-0058-7CC	9.5 mm 41.0 mm.	2.0 mm / 6.4 mm

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