

Product Technical Data Sheet

14-20 Flat Csk Hex Drive Wing TekS Climacoat

Part Number	Description	Pack Qty	Pallet Qty
6-321-0063-3CC	14-20 x 65 Flat Csk Hex Drive Wing TekS Climacoat	500	42,000

Application:

Buildex® 14-20 TekS® Screws are used for fixing timber floor, fences and composite boards to metal.

Floor, fence or composite timber thickness: 8.0 mm ~ 41.0 mm

Drill Capacity into metal: 2.0 mm ~ 6.4 mm

Features:

Hex Drive

Underhead Teeth

TekS® Point

WingTekS®

Benefits:

Easy to drive compared to a Phillips cross recess.

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 Buildex® 5mm Hex Driver Bit (Part 1-991-1086-6)
2. Use a mains powered or cordless screw driver with a maximum 1000 RPM speed.
3. Fit the Buildex® 5 mm Hex 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:** Climacoat®

Mechanical Properties:

Single Shear Strength (N) 11,200 | Axial Tensile (N) 21,200 | Torsion Strength 20,40 N-m

Pullout Values (N):

Steel Purlin 1.9: 5,700 | Steel Purlin 2.4: 7,700

HRS 3.0 : x,xxx | HRS 6.0: x,xx | Square Steel Tube: 3.00: x,xx | Square Steel Tube: 5.00: x,xx

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

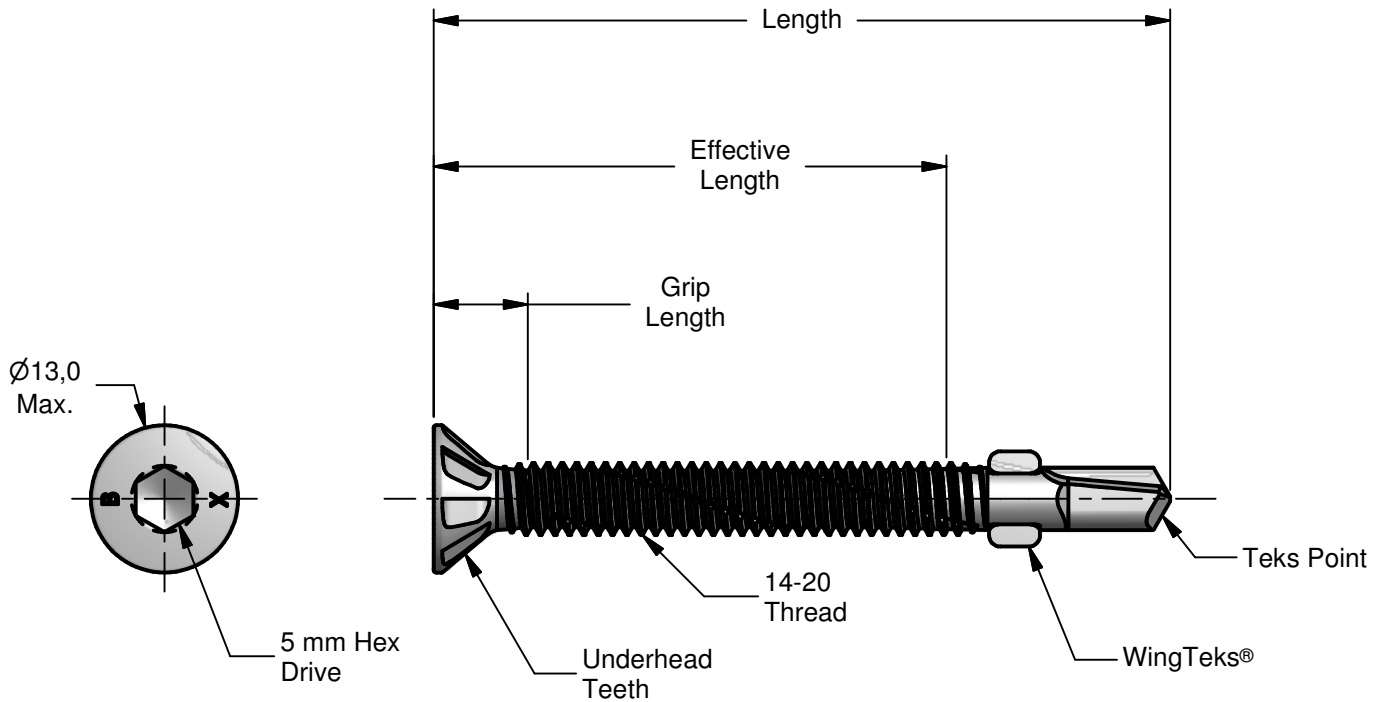
These figures are applicable to Buildex head marked product only.

Corrosion Performance:

The 14-20 Flat Countersunk WingTekS® Screw complies to 1000 Hours Salt Spray Testing when tested in accordance to AS 2331.3.1

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Description	Length	Grip Length	Effective Length
14-20 x 65 Flat Countersunk Ribhead WingTek's®	63.5 / 65.0	9.5 Max.	42.7 Min.

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

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