

Product Technical Data Sheet

8-18 Countersunk Ribbed Head Wing Tek

Part Number	Description	Pack Qty	Pallet Qty
6-321-0041-5CC	8-18 x 35 Countersunk Ribbed Head Wing Tek Climacoat	1000 / 4000	72,000

Application:

Buildex® 18-18 x 35 Countersunk Rib Head Wing Tek® Screw is used for fixing metal to metal.

Drilling Capacity:

Timber Thickness 20.0 mm Max. | Steel 1.0 mm to 2.5 mm

Features:

Ribbed Head

Wing Tek® Point

Finish

Benefits:

For flush or recessed finish.

For drilling thru timber into steel without pre drilling.

Climacoat finish for greater protection in treated pine.

Installation Instructions:

1. Use a Buildex® Number 2 Phillips Recess Driver Bit (Part 1-991-4201-3)
2. Use a mains powered or cordless screw driver with a 2,500 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.

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

Mechanical Properties:

Single Shear Strength (N) 5,100 | Axial Tensile (N) 6,300 | Torsion Strength 5.9 N-m

Pullout Values (N):

Steel Stud 1.0mm: 2,300 | Steel Stud 1.2mm: 2,900 | Steel Purlin 1.5mm: 3,700 | Steel Purlin 1.9mm: 2,800

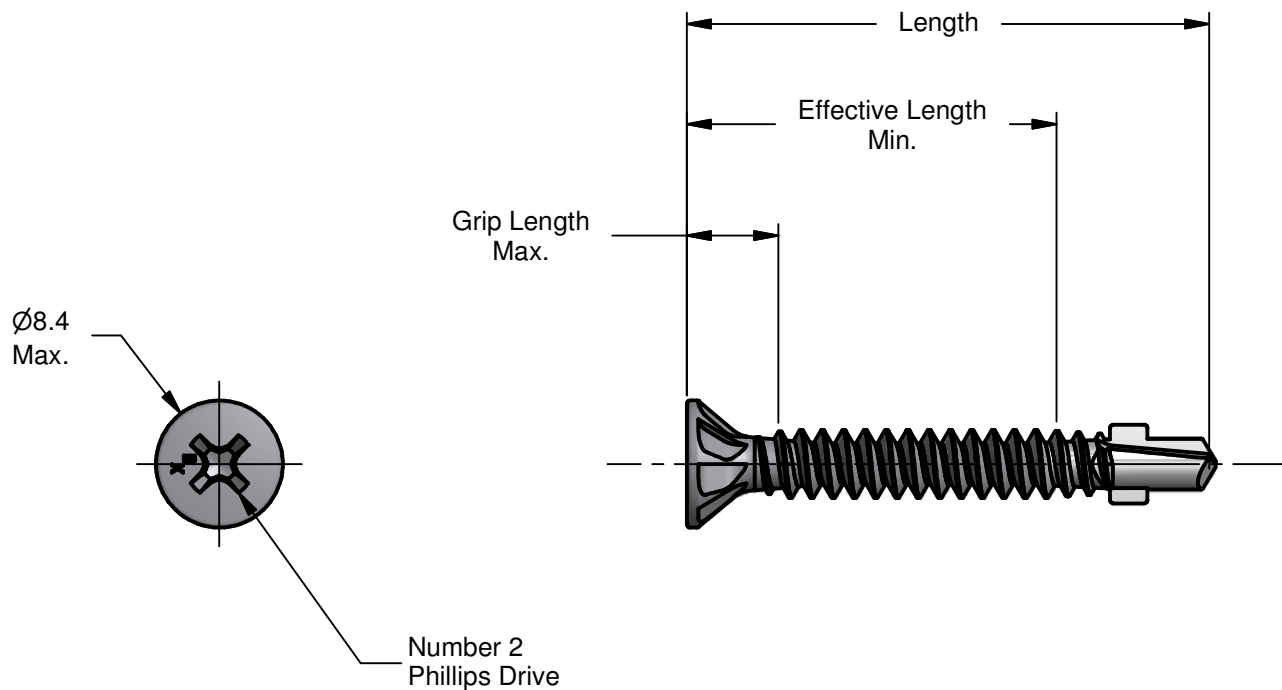
Steel Purlin 2.4mm: 6,300

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.

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8-18 Countersunk Ribbed Head Wing Tek's



Description	Length	Grip Length	Effective Length
8-18 x 35 Countersunk Ribbed Head Wing Tek's Climacoat	34.0 / 36.0	5.2 Max.	23.0 Min.

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

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