

Product Technical Data Sheet

Dec-King Steel Stainless Wing Tek Decking Screw

Part Number	Description	Pack Qty	Pallet Qty
6-392-0029-9	10-16 x 47 Dec-King Steel Stainless Wing Tek Decking Screw	500 / 1000	288,000

Application:

Buildex® 10-16 Bi Metal Stainless Steel 304 Grade Wing Tek Decking Screws are designed for fixing to timber decking to steel frame structures.

Installation Capacity:

Steel: 1.2 mm Stud ~ 2.4 mm Purlin | 1.5 mm ~ 3.0 mm Hollow Tube, Channel or Angle Hot Rolled Steel (HRS)

Timber Decking 12.0 mm ~ 22.0 mm

Features:

Decking Head

Square Drive

Teks® Point

Wing Tek® Point

Benefits:

For easy embedment into the timber decking.

For positive drive while installing the screw

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

Drilling a clearance hole into the decking, removing the need to pre-drill the decking timber to avoid the decking timber from splitting.

Installation Instructions:

1. Use a Number 2 Square Drive Driver Bit (Buildex® Part Number 6-991-0405-5)
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
3. Fit the Square Drive 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: Stainless Steel Grade 304 | **Finish:** Stainless Steel

Mechanical Properties:

Single Shear Strength (N) 5,200 | Axial Tensile Strength (N) 8,200 | Torsion Strength (Nm) 6.3

Pullout Values (N):

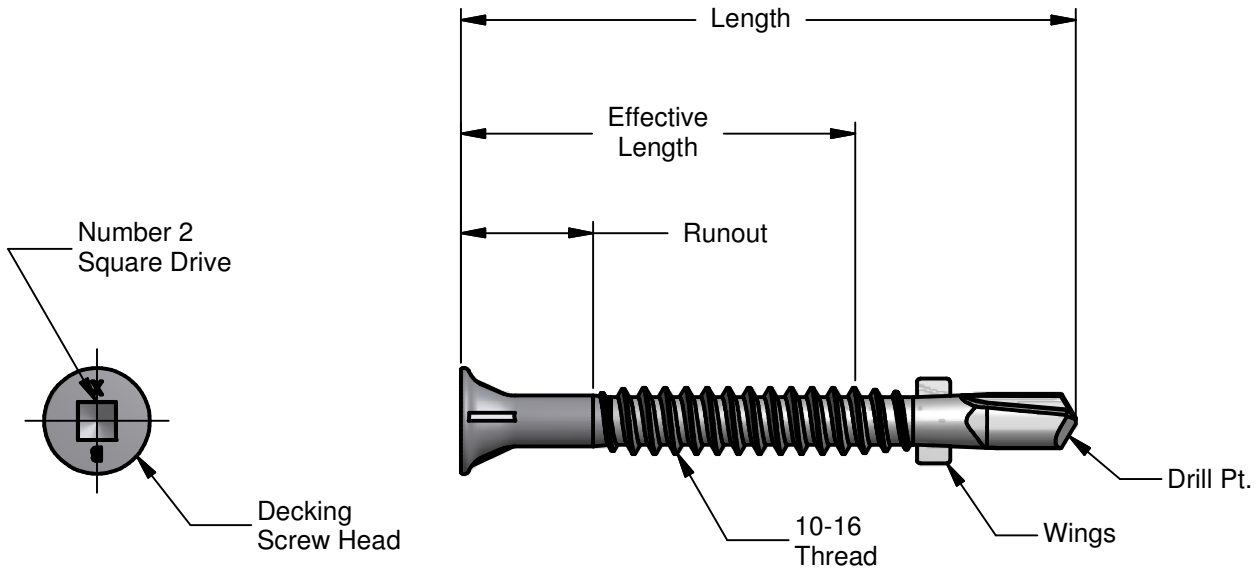
Steel Purlin 1.2: 1,450 | Steel Purlin 1.5: 2,600 | Steel Purlin 1.9: 3,400 | Steel Purlin 2.4: 5,000

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.

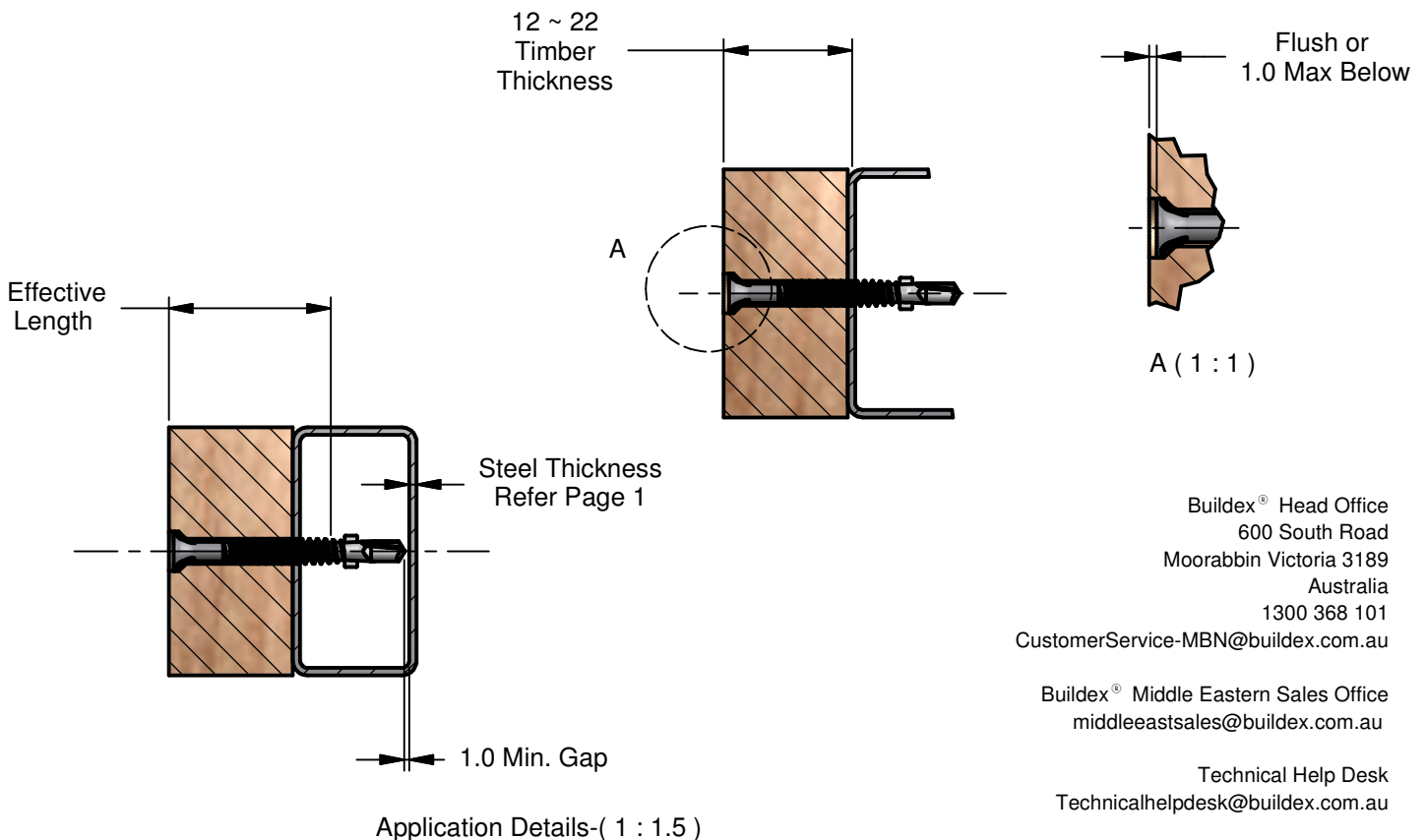
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Dec-King Steel Stainless Wing Tek's Decking Screw



Description	Length	Runout	Effective Length
10-16 x 47 Dec-King Steel Stainless Wing Tek's Decking Screw	45.0 / 47.0	7.5 / 9.5	25.0 Max.

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



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