

Product Technical Data Sheet

M6-16 Stainless Steel 316 Grade Dec-King Screw

Part Number	Description	Pack Qty	Pallet Qty
6-312-0033-3	M6-16 x 58 Stainless Steel 316 Grade Dec-King	500 / 1000	84,000

Application:

The M6 x 58 Dec-King® screw is used for fixing timber decking boards (hardwood, softwood and treated pine) to softwood and treated pine frames & joists.

This product does not drill into steel.

Drilling and Installing Capacity

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Features	Benefits
Decking Head	Small head for easier embedment of the head into the timber or board.
Underhead Teeth	For countersinking the head into the timber or board.
Teks Point	For drilling into steel while ensuring maximum pullout strength and high strip torque.
Square Drive	For positive drive when in stalling the screw.
Teks	Drills a clearance hole thru the tecking and removes the need for pre-drilling in timber or composite board.
Finish	Stainless Steel 316 corrosion performance to suit the application.

Installation Instructions:

1. Use a number 2 Square 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.

Mechanical Properties:

Single Shear Strength (Newton) 5,200 | Axial Tensile (Newton) 8,200 | Torsion Strength 6.3 Newton-metre

Pullout Values (Newton):

Timber F7 (Pine) 31.5 mm embedment: 1,675 | Timber F17 (Hardwood) 31.5 mm embedment: 2,210

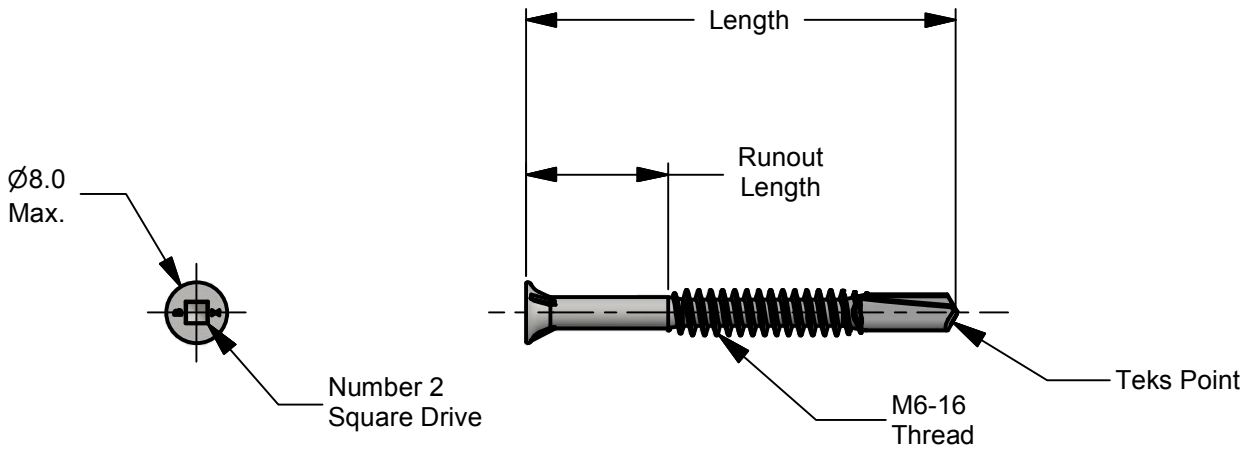
All values are averages obtained under laboratory conditions and appropriate safety factors should be applied for design purposes. These figures are applicable to Buildex® head marked product only.

Material: Stainless Steel Grade 316 (A2) | **Heat Treatment:** Nil | **Finish:** Stainless Steel

Corrosion Performance: Stainless Steel Grade 316 (A2)

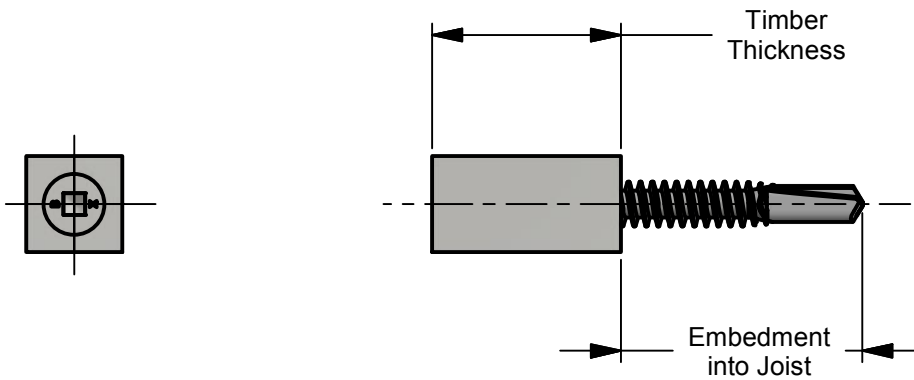
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Part Number	Description	Length	Runout
6-312-0033-3	M6-16 x 58 Stainless Steel 316 Grade Dec-King	56.5 / 58.0	18.5 / 20.5

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



Part Number	Timber Thickness	Embedment into Joist
6-312-0033-3	15.0 mm to 25.0 mm.	31.5 Min.

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