

Product Technical Data Sheet

6-20 Flat Csk Extended Pt Tek^s®

Part Number	Description	Pack Qty	Pallet Qty
6-311-0123-7	6-20 x 65 Flat Csk Extended Pt Tek ^s Zinc Yellow	500 / 1500	108,000
6-311-0124-5	6-20 x 50 Flat Csk Extended Pt Tek ^s Zinc Yellow	1000 / 3000	216,000

Application:

Buildex® 6-20 Flat Csk Extended pt Tek^s® Screws can be used for fixing timber skirting board, door and window frames into steel framing.

Features:

Flat Csk Head
No. 2 Phillips Drive
6-20 Thread
6-20 Thread
Extended Pt
Tek^s® Point

Benefits:

To fit flush or below the top of the timber frame.
Reduces camout and recess damage
For maximum pullout strength and a higher strip torque.
High single shear and torsional strength.
To drill through the timber and dry wall before thread forming into the steel.
Does not require a pre-punched hole.

Drilling Capacity: Steel - 0.6 mm ~ 1.5 mm

Installation Instructions:

1. Use a Buildex® Number 2 Phillips Driver Bit (Part Number 1-991-1210-3).
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
3. Fit the Phillips 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: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 | **Finish:** Zinc Yellow

Mechanical Properties:

Single Shear Strength (N) 3,500 | Axial Tensile Strength (N) 4,300 | Torsion Strength (Nm) 3.5

Pullout Values (N): Steel G450

1,0 mm: 1,800 | 1,2 mm: 2,400 | 1,5 mm: 3,400

Pullout Values (N): Steel G270

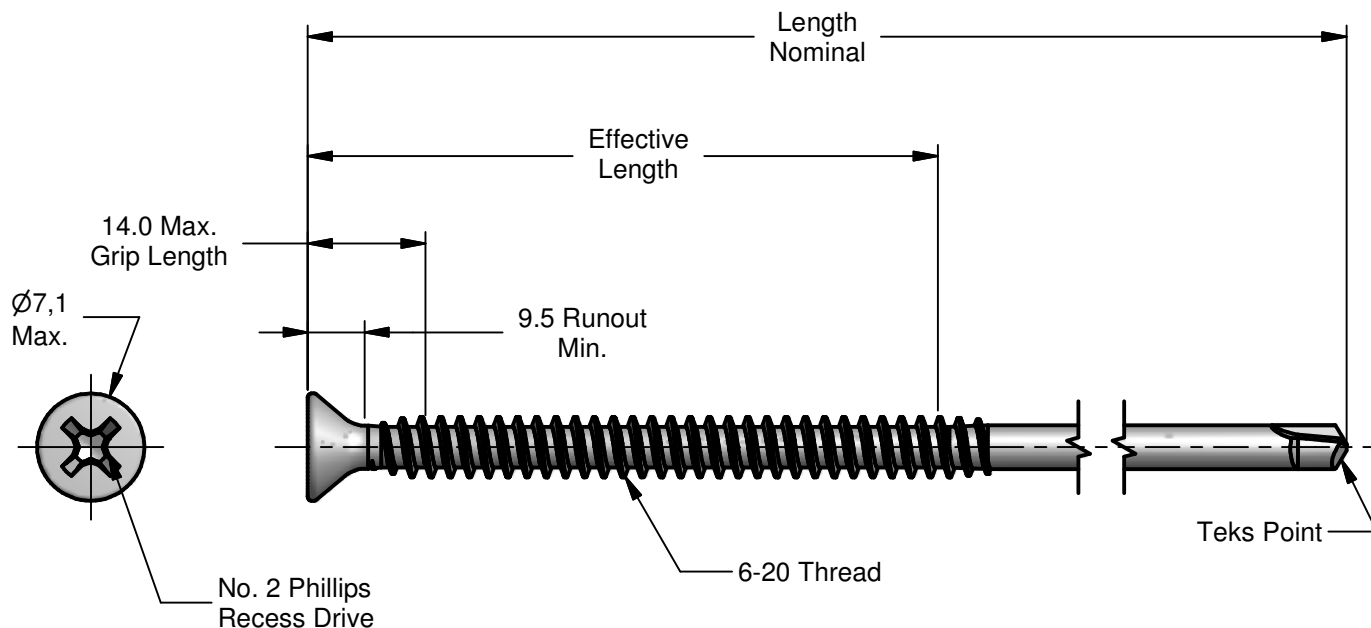
0.6 mm: 600 | 0.8 mm: 900 | 1.2 mm: 1,600

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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Description	Length	Effective Length
6-20 x 50 Flat Csk Extended Pt Tek Zinc Yellow	48.5 / 50.0	25.5 Min.
6-20 x 65 Flat Csk Extended Pt Tek Zinc Yellow	63.5 / 65.0	33.5 Min.

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

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