

Product Technical Data Sheet

6-18 Bugle Tek

Part Number	Description	Pack Qty	Pallet Qty
6-311-0070-8	6-18 x 25 Bugle Tek Zinc Yellow	1000 / 6000	432,000
6-311-0129-6	6-18 x 30 Bugle Tek Zinc Yellow	1000 / 6000	432,000
6-311-0114-1	6-18 x 45 Bugle Tek Zinc Yellow	1000 / 3000	216,000

Application:

Buildex® 6-18 Bugle Tek® Screws can be used for fixing plasterboard to metal.

Features:

Bugle Head
No. 2 Phillips Drive
6-18 Thread
6-18 Thread
Tek® Point

Benefits:

To fit below the top of the plasterboard
Reduces camout and recess damage
For maximum pullout strength and a higher strip torque.
High single shear and torsional strength.
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 3,000 RPM speed max.
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) 3,400 | Axial Tensile Strength (N) 4,200 | Torsion Strength (Nm) 3.4

Pullout Values (N): Steel G450

1.0 mm: 2,000 | 1.2 mm: 2,400 | 1.5 mm: 3,300

Pullout Values (N): Steel G270

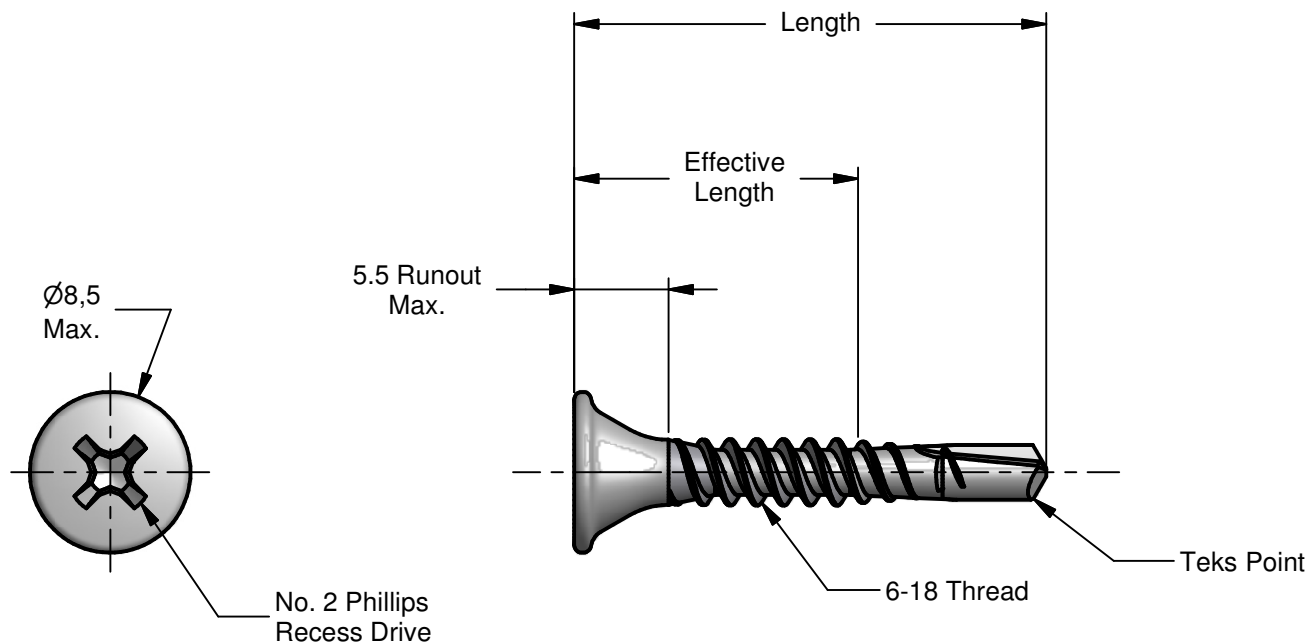
0.6 mm: 600 | 0.8 mm: 900 | 1.2 mm: 1,700

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.

Product Technical Data Sheet

6-18 Bugle Teks



Description	Length	Effective Length
6-18 x 25 Bugle Teks Zinc Yellow	23.5 / 25.0	13.25 Min.
6-18 x 30 Bugle Teks Zinc Yellow	28.5 / 30.0	18.25 Min.
6-18 x 45 Bugle Teks Zinc Yellow	43.5 / 45.0	33.25 Min.

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

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