

Product Technical Data Sheet

10-24 Flat Countersunk TekS

Part Number	Description	Pack Qty	Pallet Qty
6-311-0026-4	10-24 x 25 Flat CSK TekS Zinc Yellow	1000 / 4000	288,000
6-311-0028-1	10-24 x 30 Flat CSK TekS Zinc Yellow	1000 / 4000	288,000
6-311-0031-8	10-24 x 40 Flat CSK TekS Zinc Yellow	1000 / 4000	288,000
6-311-0034-2	10-24 x 50 Flat CSK TekS Zinc Yellow	500 / 2000	144,000

Application:

Buildex 10-24 Flat Countersunk TekS Screw is used for fixing timber to metal, metal to metal, typical applications, fixing hinges.

Metal to metal fixing in the HAVAC, plumbing and steel fabrication industries.

A general all purpose metal to metal or timber to metal fixing product.

Drill Capacity:

Steel 1,2 mm ~ 2,4 x 2

Features:

Flat CSK Head

TekS Point

Benefits:

Flush fit

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

Installation Instructions:

1. Use a Number 2 Phillips Cross Recess Driver Bit (Buildex Part 1-991-2201-9)
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
3. Fit the Phillips Cross Recess 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:** Zinc Yellow

Mechanical Properties:

Single Shear Strength (N) 6,200 | Axial Tensile (N) 11,400 | Torsion Strength 8,6 N-m

Pullout Values (N):

Steel Purlin 1,2: 2,320 | Steel Purlin 1,5: 4,280 | Steel Purlin 1,9: 5,820 | Steel Purlin 2,4: 7,680

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.

Corrosion Performance:

10 -24 Flat Countersunk TekS complies to AS 1789-2003 Electroplated Zinc (electro - galvanised) coating on ferrous articles (batch process).

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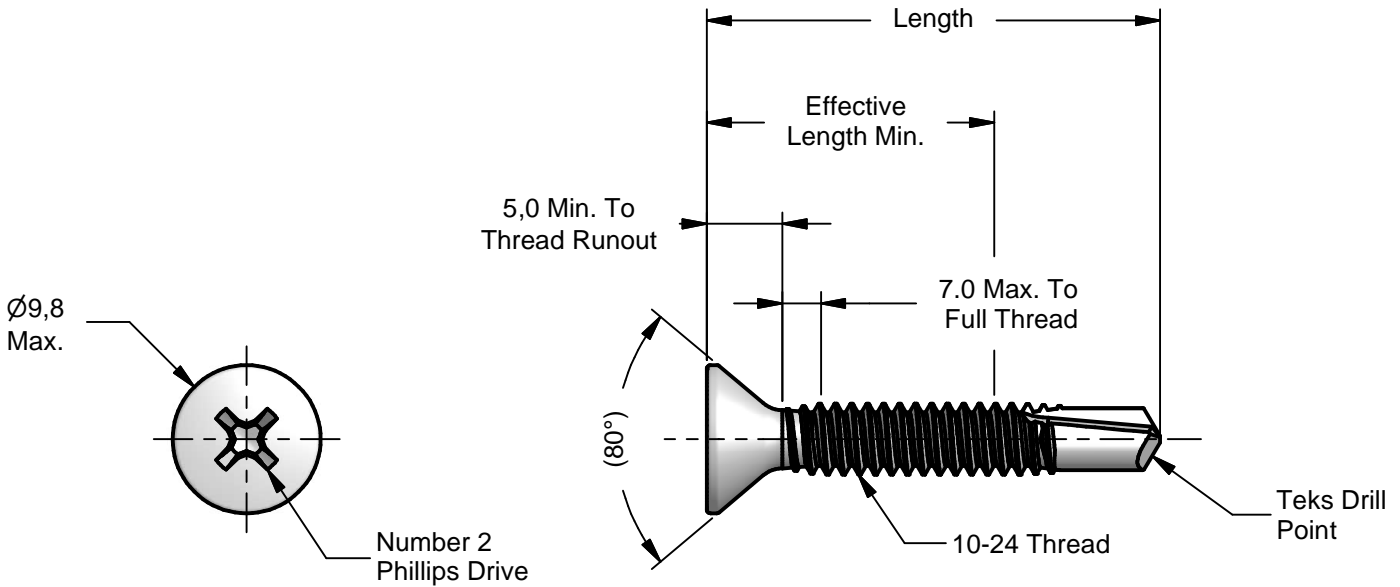
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10-24 Flat Countersunk Tekes



Description	Length	Effective Length
10-24 x 25 Flat CSK Tekes Zinc Yellow	23.5 / 25.0	16.0 Min.
10-24 x 30 Flat CSK Tekes Zinc Yellow	28.5 / 30.0	21.0 Min.
10-24 x 40 Flat CSK Tekes Zinc Yellow	38.5 / 40.0	31.0 Min
10-24 x 50 Flat CSK Tekes Zinc Yellow	48.5 / 50.0	41.0 Min.

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

Dr David Collinson
 Technical & Product Development
 Manager Buildex

Alan Brooke
 Quality Assurance
 Manager Buildex

Buildex Head Office
 600 South Road
 Moorabbin Victoria 3189
 Australia
 Customer Service Australia
 CustomerService-MBN@buildex.com.au
 1300 368 101
 Buildex Middle Eastern Sales Office
 Office 309
 Building 3 East
 Dubai Airport Free Zone, UAE
 Customer Service Middle East & Indian
 Subcontinent
 middleeastsales@buildex.com.au
 1300 368 101
 Buildex Website
<http://www.buildex.com.au>
 Technical Help Desk
 Technicalhelpdesk@buildex.com.au
 1300 137 273

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