

Product Technical Data Sheet

12-24 Hex Washer SuperTeks Series 500

Part Number	Description	Pack Qty	Pallet Qty
6-351-0001-5CS	12-24 x 38.0 Hex Washer SuperTeks Series 500 Climaseal 3	1000	108,000
6-351-0009-4CS	12-24 x 38.0 Hex Washer SuperTeks Series 500 Climaseal 3 with Seal	1000	108,000

Application:

Buildex 12-24 Hex Washer SuperTeks Screw is used for metal to metal fixing of thick steel purlin and hot rolled steel. Used for metal to metal fixing in the HAVAC, plumbing and steel fabrication industries where thick steel section is in use. A general all purpose metal to thick metal fixing product.

Drill Capacity:

Steel 2,4 mm x 2 ~ 12,0 mm

Features:

Hex Drive
Teks Point
Finish

Benefits:

For positive drive under high installation torque
For drilling into thick steel while ensuring maximum pullout strength and a high strip torque.
Corrosion performance Class 3.

Installation Instructions:

1. Use a $\frac{5}{16}$ Hex Head Driver Bit (Buildex Part 1-991-1366-9)
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
3. Fit the $\frac{5}{16}$ 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:

To As 3566.2 Class 3

Mechanical Properties:

Single Shear Strength (N) 9,000 | Axial Tensile (N) 16,700 | Torsion Strength 13,50 N-m

Pullout Values (N):

Steel Purlin 2,4: 6,250 | *Steel HRS 6,0: 16,700 | *Steel HRS 8,00: 16,700 | *Steel HRS 12,00: 16,700

* Denotes screw failed in axial tensile

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:

12 -24 Hex Washer Teks Screw complies to Australian Standards AS3566.2 Class 3

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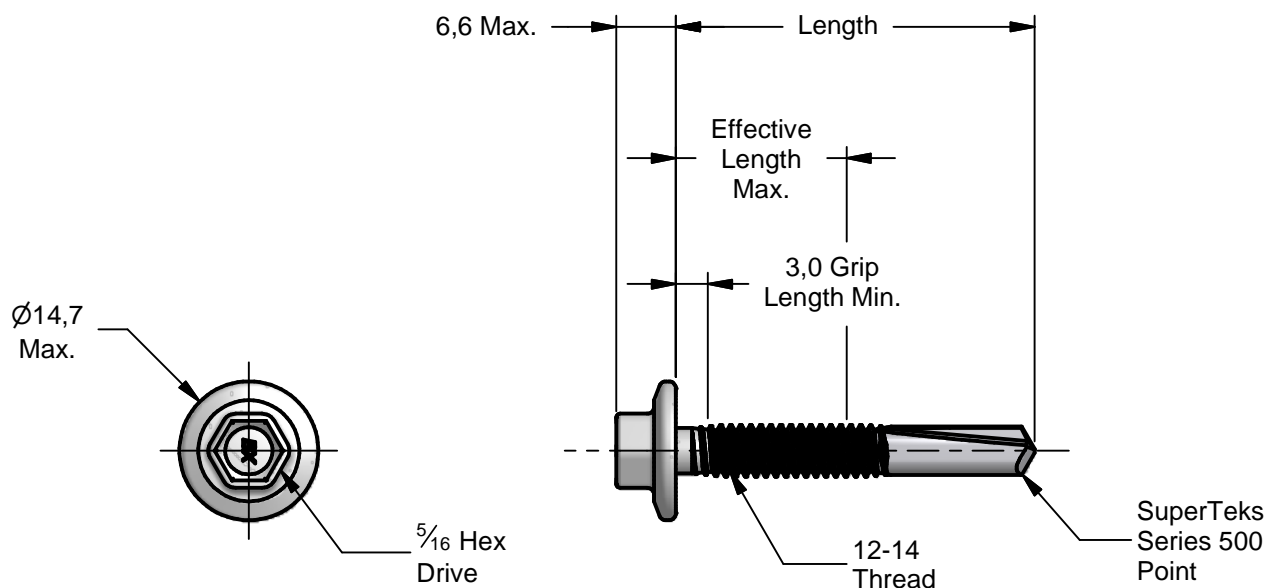
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Description	Length	Effective Length
12g -24 x 38.0 Hex Washer SuperTeks Series 500	38.0	16.0

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

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