

Product Technical Data Sheet

14-20 Hex Washer Tekes®

Part Number	Description	Pack Qty	Pallet Qty
6-311-0575-5CS	14-20 x 22 5/16 Hex Washer Tekes® Climaseal® 3	3 / 500	108,000
6-311-3038-5C4	14-20 x 22 3/8 Hex Washer Tekes® Climaseal® 4	3 / 500	108,000
6-310-3029-2C4	14-20 x 22 3/8 Hex Washer Tekes® Climaseal® 4 with Seal	3 / 500	108,000
6-311-3403-6C4	14-20 x 45 3/8 Hex Washer Tekes® Climaseal® 4	1,000	84,000
6-310-3403-3C4	14-20 x 45 3/8 Hex Washer Tekes® Climaseal® 4 with Seal	1,000	84,000

Application:

Buildex® 14-20 Hex Washer Tekes® Screw is used for fixing metal to metal.

Drill Capacity:

Steel 1,2 mm ~ 2,4 x 2 | 3,0 ~ 6,00 mm HRS | Square Steel Tube 3,0 ~ 5,0 mm

Features:

Hex Drive
Tekes® Point
Finish

Benefits:

For positive drive under high installation torque
For drilling into steel while ensuring maximum pullout strength and a high strip torque.
Corrosion performance Class 4 to suit the application.

Installation Instructions:

1. Use a Buildtex® $\frac{3}{8}$ Hex Head Driver Bit (Part 1-991-1370) or use a Buildtex® $\frac{5}{16}$ Hex Head Driver Bit (Part 1-991-1366-9)
2. Use a mains powered or cordless screw driver with a 2,500 RPM speed.
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.

Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS 3566.1 **Finish:** Climaseal® 3 or Climaseal® 4 (refer description)

Mechanical Properties:

Single Shear Strength (N) 11,200 | Axial Tensile (N) 21,200 | Torsion Strength 20,40 N-m

Pullout Values (N):

Steel Purlin 1,2: 2,100 | Steel Purlin 1,5: 4,200 | Steel Purlin 1,9: 5,700 | Steel Purlin 2,4: 7,700

HRS 3,0 : x,xxx | HRS 6,0: x,xx | Square Steel Tube: 3,00: x,xx | Square Steel Tube: 5,00: x,xx

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:

14-20 Hex Washer Tekes® Screw complies to Australian Standards AS3566.2 Class 3 and Class 4

Specify your corrosion performance requirements when ordering.

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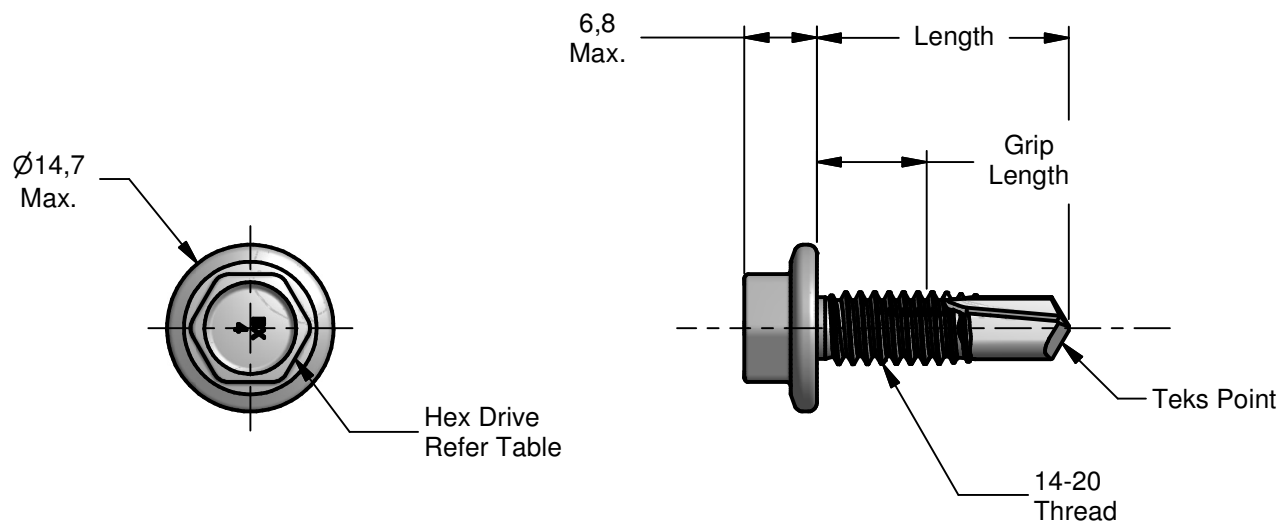
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14-20 Hex Washer Tekes®



Description	Length	Grip Length	Hex Drive
14-20 x 22 3/8 Hex Drive Hex Washer Tekes® Climaseal® 4	22.0	10,0 Min.	3/8 Hex
14-20 x 22 5/16 Hex Drive Hex Washer Tekes® Climaseal® 4 / C3	22.0	10,0 Min.	5/16 Hex
14-20 x45 3/8 Hex Drive Hex Washer Tekes® Climaseal® 4	45.0	33,0 Min.	3/8 Hex

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

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