

Composite Panel TEKS®

Self Drilling Tek screws for fitting composite panels to steel purlins.

Product Features

-  **Buildex® Warranty**
-  **Climaseal® 3** (AS3566 Class 3)
-  **ShankGuard®**
-  **HiGrip®**

How to use

1. Measure the thickness of materials to be fastened including any air gap
2. Select the correct size screw for application allowing for adequate thread protrusion
3. Use correct size driver bit with screwdriver (Tek Gun) set to HIGH speed (approx 2500 rpm)
4. Push sharply on screwdriver to create a starting point (always check panel manufactures for screw locations before starting)
5. Drive screw keeping a firm end pressure on screwdriver until screw is set place, being careful not to damage washer



Hex Head Stitching Screw with 16mm Steel Bonded Washer C3

Reduced Drill Point Max drill capacity 2mm



Gauge	TPI / Length	Pack / Crt Qty	Pallet Qty	Part Number	Product Features
4.8mm /10g	16 x 20mm	1000/3	216,000	6-310-0650-1CS	 

Hex Head with 19mm Steel Bonded Washer C3



Gauge	TPI / Length	Pack / Crt Qty	Pallet Qty	Part Number	Product Features
5.5mm /12g	14 x 45mm	500	52,500	6-310-0638-8CS	  
	14 x 78mm	500	42,000	6-310-0640-0CS	   
	14 x 103mm	300	25,200	6-310-0641-1CS	   
	14 x 125mm	250	21,000	6-310-0642-2CS	   
14 x 135mm	250	21,000	6-310-0653-3CS	   	

 Head painted colours on request minimum order quantity will apply

Technical Specifications (Kn = Kilo Newtons, Nm = Newton Metres)

Screw Gauge / TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)
4.8mm / 10g - 16	6.8	11.9	8.4
5.5mm / 12g - 14	7.5	14.5	11.6

Values given are averages obtained under laboratory conditions. Appropriate safety factors should be applied for design purposes.

Roofing & Cladding Screws

Metal Tek's self drilling screws for fixing roofing and cladding profiles to steel purlins.

Hex Head Tek's® Class3 Climaseal® With and Without Washers



Buildex® Warranty



Climaseal® 3 (AS3566 Class 3)



ShankGuard®



HiGrip®



Bonded Washer



Cut Washer



Gauge	TPI/Length	Washer Type	Pack/ Crt Qty	Pallet Qty	Part Number	Product Features
4.8mm /10g	16 x 16	None	1000/4	288,000	6-311-0151-4CS	
		Cut Washer	1000/4	288,000	6-310-0117-9CS	
		14mm G/S	1000/3	216,000	6-310-0658-8CS	
	16 x 25	None	1000/3	216,000	6-311-0398-4CS	
		Cut Washer	1000/3	216,000	6-310-0398-8CS	
		Stitching Screw	16mm G/S	1000/3	210,000	6-310-0650-1CS
5.5mm /12g	14 x 20	None	500/4	144,000	6-311-0097-4CS	
		Cut Washer	500/4	144,000	6-310-0070-1CS	
	14 x 25	Cut Washer	500/4	144,000	On Request	
		16mm G/S	400/3	86,400	6-310-0659-9CS	
		19mm G/S	1000	105,000	6-310-0672-2CS	
	14 x 30	None	1000	114,000	6-311-0473-1CS	
	14 x 35	Cut Washer	1000	114,000	6-310-0260-1CS	
	14 x 55	Cut Washer	1000	84,000	6-310-0350-4CS	
	14 x 68	Cut Washer	1000	60,000	6-310-0326-2CS	

Note: All parts available with 14/16/19mm Steel Bonded Washers on request. (Min order qty will apply)

Head painted colours on request minimum order quantity will apply

Technical Specifications (Kn = Kilo Newtons, Nm = Newton Metres)

Page #	Screw Gauge / TPI	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)
19	4.8mm / 10g - 16	6.8	11.9	8.4
	5.5mm / 12g - 14	8.8	15.3	13.2
	6.3mm / 14g - 10	10.9	19.7	18.5
	6.3mm / 14g - 20	11.2	21.2	20.4

Values given are averages obtained under laboratory conditions. Appropriate safety factors should be applied for design purposes.

SuperTEKS® Series 500

Designed for use in thick steels (hot rolled steel) from 4.0mm to 12.5mm.

Designed to drill through steel up to 12.5mm thick, cut their own mating threads and fasten securely in one simple operation.

Has the same twist drill as a conventional Metal Tek®s, but with extra long cutting flutes to drill, tap, seal and fasten in one simple operation.

Product Features



Buildex® Warranty



Climaseal® 3 (AS3566 Class 3)

How to use

1. Ensure that the total thickness of the materials to be joined does not exceed 12.5mm.
2. Select the correct driver for the screw being used

Head Style

Driver

Wafer

#3 Phillips Cross