



## SuperTEKS®

**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 Cross Recess Bit
Hex	5/16" Hex Socket

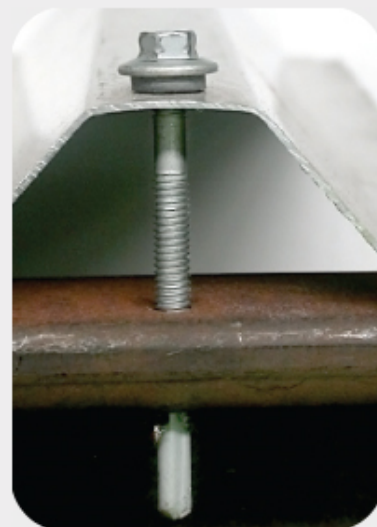
3. Fit driver to a power screwdriver set to medium - approx. 2500 rpm.

4. Fit screw to driver and place at fastening position.

5. Push sharply on screwdriver to create a starting point. Maintain a moderate end load pressure when driving screw.

6. Use medium revs for drilling then slow down when the thread engages in order to set the screw properly.

\*If flute becomes clogged, temporarily withdraw the screw from the hole. Clean the flutes, then continue drilling.









### Hex Head with Seal

Sealing washer for when a water tight finish is required

- roof or wall cladding
- signs, plumbing fittings









Gauge	T.P.I	Length	Pack / Carton Qty	Pallet Qty	Part Number	Product Features
5.5mm / 12g	24	32	500 / 3	108,000	6-350-0009-4CS	 
	24	50	1000	84,000	6-350-0016-4CS	 
	24	65*	1000	60,000	6-350-0017-2CS	 

\*Part Thread

### Hex Head no Seal

- signs
- fire protection equipment
- pipe and cable saddles





Gauge	T.P.I	Length	Pack / Carton Qty	Pallet Qty	Part Number	Product Features
5.5mm / 12g	24	32	500 / 3	108,000	6-350-0001-5CS	 
	24	50	1000	84,000	6-351-0016-1CS	 
	24	65*	1000	60,000	6-351-0017-2CS	 

\*Part Thread

### Wafer Head

- signs
- fire protection equipment
- pipe and cable saddles



Gauge	T.P.I	Length	Pack / Carton Qty	Pallet Qty	Part Number	Product Features
5.5mm / 12g	24	32	500 / 4	144,000	6-351-0005-8CS	 



Head painted colours on request minimum order quantity will apply

### Technical Specifications (kN = Kilo Newtons, nM = Newton Metres)

Screw Gauge	T.P.I	Single Shear (kN)	Axial Tensile (kN)	Torsional Strength (Nm)
5.5mm / 12g	24	9.0	16.7	13.5

Average Pullout Loads in Hot Rolled Steel

4.0mm	5.0mm	6.0mm*	12.5mm*
9500N	12900N	*Denotes tensile failure of fastener in test at 16.7Kn	

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