

TIMBER, FIBRE CEMENT & COMPOSITE BOARDS TO METAL

Wing Tek®

Specially designed to enable the fastener to fix timber to metal without the timber rising to the top of the screw while the metal is being drilled. Features a flat head with reaming cutters in the underside to enable the head of the fastener to self-embed for a flush or recessed finish.

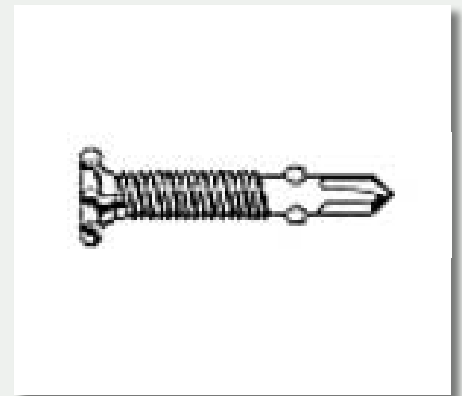
How the Wing-Teks® Work

- A. The drill point drills the timber, as the wings counter bore the hole larger than the thread diameter. With the hole being larger the thread will not engage into the timber.
- B. After the Tek® point drills through the metal, the wings break off on contact with the metal.
- C. The thread cutting feature on the shank cuts a mating thread in the metal and the thread continues to engage. The head then clamps this material firmly together.

How to Use

1. Measure the thickness of materials to be fastened including the air gap:

Wing Tek® Size	Maximum Timber Thickness	Minimum Steel Thickness	Maximum Steel Thickness	Protrusion Measurement
6-20x50mm CSK RIB	37mm	0.8mm	2.3mm	13mm
8-18x35mm SEH	20mm	1.0mm	2.5mm	15mm
8-18x40mm SEH	25mm	1.0mm	2.5mm	15mm
10-24x30mm SEH	10mm	1.2mm	4.5mm	17mm
10-24x40mm SEH	25mm	1.2mm	4.5mm	17mm
10-16x45mm CSK RIB	25mm	1.2mm	3.5mm	17mm
10-16x55mm CSK RIB	35mm	1.2mm	3.5mm	17mm
10-16x75mm CSK RIB	55mm	1.2mm	3.5mm	17mm
14-20x50mm CSK	29mm	2.0mm	6.4mm	21mm
14-20x65mm CSK RIB	43mm	2.0mm	6.4mm	21mm



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2. Select correct size drive bit

6, 8 & 10 gauge	#2 Cross Recess Bit
14 gauge	#3 Cross Recess Bit

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

(Driving too slowly may result in the wings not breaking off. The hole will be too large and the thread won't hold).

4. Place Wing Tek® on the driver bit, place at fastening position and push sharply to create a starting point.

5. Squeeze screwdriver trigger and maintain firm end pressure until the Wing Tek® has drilled and fastened.

Fixing timber and composite boards to steel up to 6.4mm

- container floors / truck floors

Countersunk Head - Wing Tek®

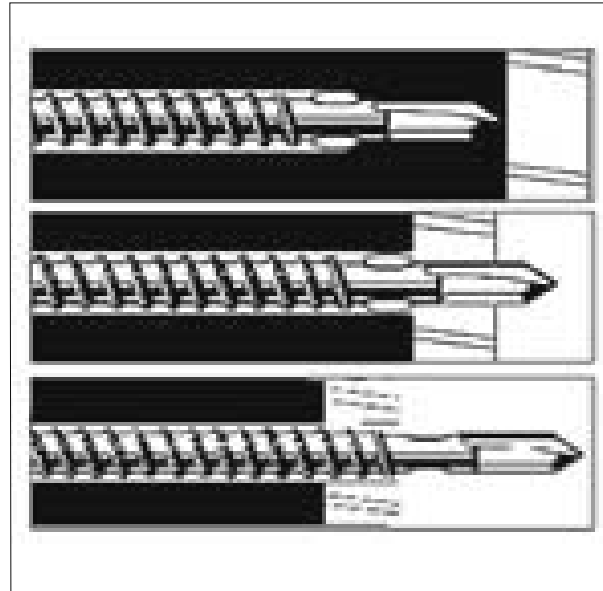
Product Range			
Gauge	Dimensions	Pack Quantity	Part Number
14g	14-20x50mm	1000	6-321-0006-8

General fixing to metal

- lining boards
- fascias
- panelling

Self Embedding Head - Wing Tek®

Product Range			
Gauge	Dimensions	Pack Quantity	Part Number
8g	8-18x35mm	100	1-321-9041-4TP
	8-18x35mm	1000	6-321-0041-5
	8-18x35mm	1000	6-321-0041-5MP
	8-18x40mm	100	1-321-9044-9TP
	8-18x40mm	1000	6-321-0044-2
10g	10-24x30mm	1000	6-321-0029-1



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Self Embedding Head - Wing Tek[®] Continued

10g	10-16x40mm	500	6-312-0057-9
	10-16x40mm	500	6-312-0057-9MP

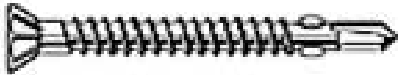
Timber and composite boards to steel up to 4.5mm thick.

• fences

(14-20x65mm will fix up to 6.4mm)

Fixing timber trim, through plasterboard, to steel framing up to 2.4mm thick (6-20x50mm)

Countersunk Rib Head - Wing Tek[®]

Product Range			
Gauge	Dimensions	Pack Quantity	Part Number
6g	6-20x50mm	1000	6-321-0045-8
10g	10-16x45mm	100	1-321-9040-6TP
	10-16x45mm	500	6-321-0040-7
	10-16x45mm	500	6-321-0040-7MP
	10-16x55mm	1000	6-321-0042-3
	10-16x55mm	1000	6-321-0042-3MP
	10-16x75mm	1000	6-321-0043-1
	10-16x75mm	1000	6-321-0043-1MP
14g	14-20x65mm	1000	6-321-0058-7



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