

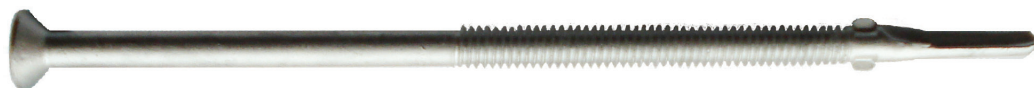


[www.evolutionfasteners.co.uk](http://www.evolutionfasteners.co.uk)

**guide to evolution**  
**extra long length screws**

## evolution extra long

### wing-drill tek screws/bi-metal wing-drill tek screws



#### wing-drill tek screws designed for:

fixing thicker (i.e. 45mm - 125mm) timber or composites to 1.2mm - 12.5mm thick steel.

#### bi-metal wing-drill tek screws designed for:

use in aggressive timber treatments e.g. ACQ/salt based or hardwoods with high tannin content.

#### key product features:

- ✓ Precision formed reamer wings prevent timber jacking during use
- ✓ Super hard, super sharp drill tip will self-drill through up to 125.0mm timber into 1.2mm - 12.5mm steel
- ✓ 500hr silver Evoshield® coating for superior corrosion protection
- ✓ or
- ✓ Bi-metal with an A304 stainless steel shank, zinc coated for further corrosion prevention

#### range information:

##### Wing-drill Tek Screws (also available in shorter lengths from 38mm up to extra long 150mm)

Product Code	Size	Box Qty	Carton Qty	Effective Thread Length	Recommended Drill Speed	Timber Thickness
TSTF5.5-150-3	5.5 x 150mm	100	1,200	130mm	1,500 - 2,500 RPM	45.0 - 125.0mm
TSTF5.5-135-5	5.5 x 135mm	100	1,400	100mm	1,500 - 2,500 RPM	45.0 - 100.0mm

##### Bi-metal Wing-drill Tek Screws (also available in shorter lengths from 65mm up to extra long 135mm)

Product Code	Size	Box Qty	Carton Qty	Effective Thread Length	Recommended Drill Speed	Timber Thickness
BMWD5.5-135-5	5.5 x 135mm	100	1,000	100mm	1,500 - 2,500 RPM	45.0 - 100.0mm

## evolution extra long

### zinc self-drill drywall screws



#### designed for:

fixing plasterboard to heavier gauge metal section up to 2.5mm thick where there is a bigger build up of material.

#### key product features:

- ✓ Bugle head gives flush countersink with no paper tearing
- ✓ Deep, Phillips recess reduces dropped or misaligned screws for fast, efficient fastening
- ✓ Super hard, super sharp drill tip

#### range information:

Product Code	Size	Box Qty	Carton Qty	Fixture Thickness
DWSDZ100	4.8mm x 100mm	500	3,000	85mm
DWSDZ125	4.8mm x 125mm	250	2,500	110mm

Also available in shorter lengths from 25mm up to extra long length 125mm.

# evolution extra long fine thread zinc drywall screws



## designed for:

fixing plasterboard/  
insulation to metal studs  
up to 1mm thick where  
there is a bigger build up  
of material.

## key product features:

- Bugle head gives flush countersink with no paper tearing
- Super sharp point dimples steel on contact providing rapid advancement
- Deep, Phillips recess reduces dropped or misaligned screws for fast, efficient fastening

## range information:

Product Code	Size	Box Qty	Carton Qty	Fixture Thickness
DWSZ125	4.8mm x 125mm	250	2,500	115mm
DWSZ150	4.8mm x 150mm	200	2,000	140mm

Also available in shorter lengths from 25mm up to extra long length 150mm.

# evolution extra long composite panel fasteners/bi-metal composite panel fasteners



Evoshield® coating (TSBWHT)

## designed for:

fixing steel channel into  
stud or cladding/roofing  
sandwich panels with  
bigger build up ranges of  
70mm - 200mm.



Bi-metal (BMTSBWHT)

## designed for:

use where a fastener  
with standard coating is  
not suitable as superior  
corrosion protection is  
required.

## key product features:

- 6.3mm buttress thread securely clamps panel surface against washer
- Unthreaded section on shank ensures panel surfaces are not deformed
- 500hr silver Evoshield® coating for superior corrosion protection  
or
- Bi-metal with an A304 stainless steel shank, zinc coated for further corrosion prevention

## range information:

Product Code	Size	Washer Ø	Box Qty	Carton Qty	Build Up Range	Recommended Drill Speed	Steel Thickness
TSBWHT5.5-135-3	5.5 x 135mm	16mm	100	900	70mm - 110mm	1,500 - 2,500 RPM	1.2mm - 3.5mm
TSBWHT5.5-150-3	5.5 x 150mm	16mm	100	900	90mm - 125mm	1,500 - 2,500 RPM	1.2mm - 3.5mm
TSBWHT19-5.5-185-3	5.5 x 185mm	19mm	50	300	120mm - 160mm	1,500 - 2,500 RPM	1.2mm - 3.5mm
TSBWHT19-5.5-225-3	5.5 x 225mm	19mm	50	300	160mm - 200mm	1,500 - 2,500 RPM	1.2mm - 3.5mm
BMTSBWHT5.5-135-5	5.5 x 135mm	16mm	100	1,000	70mm - 110mm	1,500 - 2,500 RPM	1.2mm - 3.5mm

Also available in shorter lengths from 80mm up to extra long length 225mm.

# evolution

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## evolution quality

We take premium quality very seriously at Evolution and our ISO 9001 certification demonstrates this. We are dedicated to ensuring quality in everything we do, from products to Customer Services and Marketing Support.

We are committed to ensuring the quality of our products at every stage in the production process. From initial product design, to prototype testing, through manufacturing to final testing and distribution of approved fasteners. We believe in the quality of our products but don't just take our word for it!

**If you would like some samples to try them for yourself, call or e-mail us.**

## evolution technical support



Product technical and performance information is available in our product datasheets which are downloadable from the Tech Support area of our website [www.evolutionfasteners.co.uk](http://www.evolutionfasteners.co.uk)

The qualified engineers in our in-house Technical Department are available to:

- provide technical advice and calculations
- carry out in-situ testing to support our products
- discuss your requirements for individual projects
- design and manufacture bespoke fasteners

For further technical information or specific queries about the use of our products, please call us and ask for our Technical Department or e-mail [technical@evolutionfasteners.co.uk](mailto:technical@evolutionfasteners.co.uk)