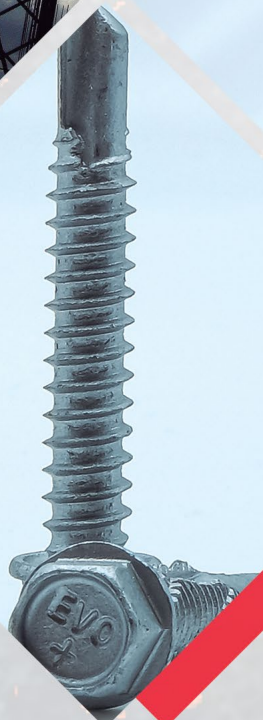


evolution



**WHEN
SIZE
ACTUALLY
MATTERS!
6.3 MM
TEK SCREWS®**

FOR INCREASED TENSILE AND SHEAR CAPACITY

DURATEK™ HEX-HEAD SCREW RANGE (6.3 mm)

EVOSHIELD® ORGANIC COATED



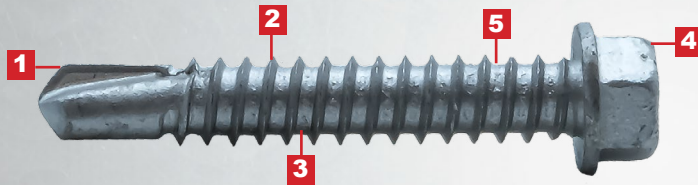
INCREASED TENSILE AND SHEAR CAPACITY

TSHW

HEX-HEAD TEK® SCREW (LIGHT SECTION)



CODE	SIZE	WASHER	BOX
TSHW6.3-25-3	6.3 x 25.0 mm	NO	250
TSHW6.3-38-3	6.3 x 38.0 mm	NO	250
TSHW6.3-50-3	6.3 x 50.0 mm	NO	100

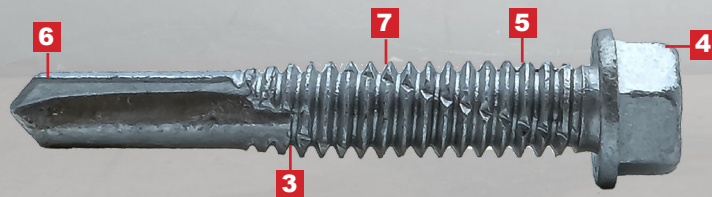


TSHW

HEX-HEAD TEK® SCREW (HEAVY SECTION)



CODE	SIZE	WASHER	BOX
TSHW6.3-38-5	6.3 x 38.0 mm	NO	100
TSHW6.3-50-5	6.3 x 50.0 mm	NO	100



Evolution® DuraTEK® Screw Range – Light Section

General purpose self-drilling screw:
particularly useful for **fixing cladding/ roofing**
components and sections to hot or cold rolled
mild steel purlins, rails, frames or sections.

- 1 TEK® 3 self-drilling point** provides industry-leading self-drilling performance in light-gauge mild steel structural framing system sections.
- 2 Aggressive 60° thread angle** and 1.8mm (14 TPI) thread pitch ensures maximum thread engagement is achieved.
- 3 EvoShield® coating** provides superior corrosion protection over traditional galvanised and sherardised methods and ensures long-term survivability in C1, C2 and C3 corrosivity category environments.
- 4 5/16" hexagonal (male) socket head** allows rapid installation.
- 5 Increased core-diameter SAE C1018 carbon steel construction** provides significantly increased tensile and shear capacity over standard 5.5mm diameter products.

Evolution® DuraTEK® Screw Range – Heavy Section (EvoShield®)

- 6 TEK® 5 self-drilling point** provides industry-leading self-drilling performance in heavy-gauge mild steel structural framing system sections.
- 7 Aggressive 60° thread angle** and 1.06mm (24 TPI) thread pitch ensures maximum thread engagement is achieved in both hot and cold rolled heavy-gauge steel substrates.

CALL TO PLACE ORDER

FOR ACTUAL TEST RESULTS, VISIT WEBSITE:

<https://evolutionfasteners.co.uk/wp-content/uploads/TSHW-6.3mm-Tek-3-and-Tek-5.pdf>

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DURATEK™ HEX-HEAD SCREW RANGE (6.3MM)

BI-METAL™ A2 STAINLESS STEEL

Evolution® Bi-Metal™ DuraTEK® Screw Range

Useful for fixing cladding/ roofing components and sections to hot or cold rolled mild steel purlins, rails, frames or sections in aggressive environments. **Bi-Metal™ Stainless Steel** construction makes these ideal for **mitigation against bi-metallic corrosion** in aluminium or copper/ tin substrates.

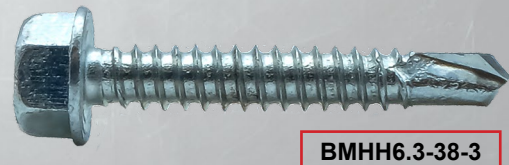
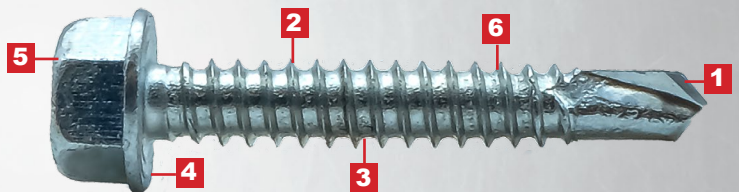
- 1** **TEK® 3 self-drilling point** provides industry-leading self-drilling performance in light-gauge mild steel structural framing system sections.
- 2** **Aggressive 60° thread angle** and 1.8mm (14 TPI) thread pitch ensures maximum thread engagement is achieved.
- 3** **A2-70 (EN 1.4301 / AISI 304) stainlesssteel body and head provide ultimate corrosion protection** that exceeds organic coating performance and allows for long-term survivability in C1, C2, C3 and C4 (internal) corrosivity category environments.
- 4** **Available with or without an integrated 16mm ØD weather sealing washer** constructed of a 3.0mm EPDM gasket bonded to a stainless steel compression plate. Parts without washer are suitable for colour moulding or powder coating.
- 5** **3/8" hexagonal (male) socket head allows rapid installation** using standard non-impacting screwdrivers and non-impact drive-bits.
- 6** **Bi-Metal™ construction synergises** the self-drilling performance of a SAE C1018 carbon steel self-drilling point with the corrosion resistance performance of an A2-70 (EN 1.4301 / AISI 304) stainless steel body and head. Increased core-diameter stainless steel construction provides **significantly increased tensile and shear capacity** over standard 5.5mm diameter products.

INCREASED TENSILE AND SHEAR CAPACITY



BMHH HEX-HEAD TEK® SCREW

CODE	SIZE	WASHER	BOX
BMHH6.3-25-3	6.3 x 25.0 mm	NO	200
BMHH6.3-38-3	6.3 x 38.0 mm	NO	200
BMHH6.3-50-3	6.3 x 50.0 mm	NO	100



CALL TO PLACE ORDER

FOR ACTUAL TEST RESULTS, VIST WEBSITE:

<https://evolutionfasteners.co.uk/wp-content/uploads/6.3-BMHH-bi-metal-tek-screw-2020-1.pdf>

T: +44 (0)141 647 7100

E: sales@evolutionfasteners.co.uk



QUALITY ASSURANCE AND LABORATORY TESTING

The Evolution® Gold Standard™ is continuously maintained through rigorous batch testing in our UKAS accredited testing laboratory which utilises state-of-the-art equipment and is staffed with a team of Structural, Civil, Mechanical and Chemical Engineers.



GOLD STANDARD

All DuraTEK® products are checked for mechanical performance including tensile capacity, shear capacity (pictured), torque capacity and hardness, as well as coating performance and integrity in our cyclic corrosion test chambers (pictured).

For more information on our extensive testing capabilities or if you wish to receive free training and Continued Professional Development, please e-mail

technical@evolutionfasteners.co.uk.

AVAILABLE FOR DOWNLOAD ON
OUR WEBSITE:

www.evolutionfasteners.co.uk



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AND

2021* INSULATION FIXINGS GUIDE

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2020* BI-METAL AND STAINLESS STEEL GUIDE

ALSO AVAILABLE ONLINE FOR DOWNLOAD

