

evolution



**19mm
PRODUCT
RANGE**

FOR
**WHEN
WASHER SIZE
REALLY DOES
MATTER**

19mm WASHER HEX-HEAD TEK® SCREWS

ROOFING APPLICATIONS

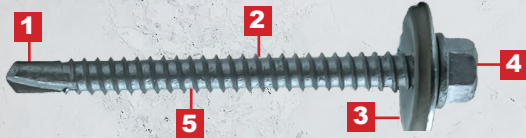


TSBW



**Bonded Hex Washer Head TEK® 3
For 1.2 – 4.0mm structural steels**

CODE	SIZE	WASHER	BOX
TSBW19-5.5-26-3	5.5 x 26mm	YES	250
TSBW19-5.5-38-3	5.5 x 38mm	YES	250
TSBW19-5.5-50-3	5.5 x 50mm	YES	100
TSBW19-5.5-60-3	5.5 x 60mm	YES	100
TSBW19-5.5-75-3	5.5 x 75mm	YES	100
TSBW19-5.5-100-3	5.5 x 100mm	YES	100
TSBW19-6.3-32-GP	6.3 x 32mm	YES	200
TSBW19-6.3-45-GP	6.3 x 45mm	YES	200

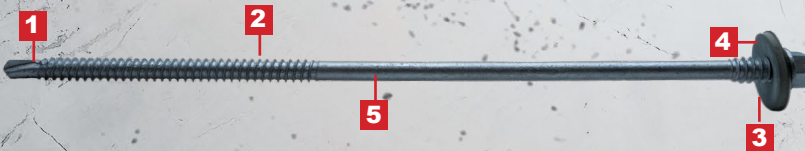


TSBWHT



**Hex-Head Composite Panel Fastener
with Bonded Washer - TEK® 3
For 1.2 – 4.0mm structural steels**

CODE	SIZE	WASHER	BOX
TSBWHT19-5.5-80-3	5.5 x 80mm	YES	100
TSBWHT19-5.5-105-3	5.5 x 105mm	YES	100
TSBWHT19-5.5-135-3	5.5 x 135mm	YES	100
TSBWHT19-5.5-150-3	5.5 x 150mm	YES	100
TSBWHT19-5.5-185-3	5.5 x 185mm	YES	50
TSBWHT19-5.5-225-3	5.5 x 225mm	YES	50
TSBWHT19-5.5-240-3	5.5 x 240mm	YES	50
TSBWHT19-5.5-275-3	5.5 x 275mm	YES	50
TSBWHT19-5.5-300-3	5.5 x 300mm	YES	50



TSBWHT



**Hex-Head Composite Panel Fastener
with Bonded Washer - TEK® 5
For 4.0 – 12.5mm structural steels**

CODE	SIZE	WASHER	BOX
TSBWHT19-5.5-185-5	5.5 x 185mm	YES	450
TSBWHT19-5.5-235-5	5.5 x 235mm	YES	300



EvoShield® Ceramic Coated Hex Head for Light Steel

Designed 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 in both hot and cold rolled light-gauge steel.

EvoShield® Ceramic Coated Hex-Head Composite Panel Fastener for Light Structural Steel

Designed for fixing composite insulation panels in wall and roofing applications. Refer to our **INSULATION GUIDE** for more information on choosing fastener sizes, etc.

- 3 Increased 19mm diameter washer ensures excellent pull-over resistance of fixing elements and increases effective clamping forces.
- 4 5/16" (8.0mm AF) hexagonal (male) socket head allows rapid installation.
- 5 EvoShield® coating provides superior corrosion protection over traditional galvanised and sherardised methods.

EvoShield® Ceramic Coated Hex-Head Composite Panel Fastener for Heavy Structural Steel

Designed for fixing composite insulation panels in wall and roofing applications. Refer to our **INSULATION GUIDE** for more information on choosing fastener sizes, etc.

- 6 TEK® 5 self-drilling point provides industry-leading self-drilling performance in heavy-gauge mild steel.
- 7 Aggressive 60° thread angle and 1.06mm (24 TPI) thread pitch ensures maximum thread engagement.

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T: +44 (0)141 647 7100
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19mm WASHER HEX-HEAD TEK® SCREWS

BETTER PULL OVER VALUE

Gash Point Hex-Head for Timber

General purpose screw for fixing timber batons, trunking, track and general components to timber and mild steel sheeting.

- 1** Specialist Type 17 gash point allows embedment into kiln-dried structural timber without the need for pilot holes.
- 2** Aggressive 60° thread angle and 1.8mm (14 TPI) thread pitch ensures maximum thread engagement is achieved in timber substrates.

Zinc Coated Hex-Head for Light Structural Steel

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.

- 3** Increased 19mm diameter washer ensures excellent pull-over resistance of fixing elements and increases effective clamping forces.
- 4** 5/16" (8.0mm AF) hexagonal (male) socket head allows rapid installation
- 5** TEK® 3 self-drilling point provides industry-leading self-drilling performance in light-gauge mild steel.

Galvanised Steel Washer

General purpose washer for use in conjunction with Evolution® TEK Screws® for mitigating against water ingress and providing an effective weather seal around fastener penetrations.

- 6** The bonded washer acts as an isolation between fixture and substrate elements providing weather-sealing around fastener penetrations. Increased 19mm diameter ensures excellent pull-over resistance of roofing elements and increases effective clamping forces.

ZGP

Hex-Head with Bonded Washer – Gash Point For Timber (upto 1.2mm mild steel)

CODE	SIZE	WASHER	BOX
ZGP19-25	6.3 x 25mm	YES	200
ZGP19-32	6.3 x 32mm	YES	200
ZGP19-45	6.3 x 45mm	YES	200
ZGP19-60	6.3 x 60mm	YES	100
ZGP19-80	6.3 x 80mm	YES	100
ZGP19-100	6.3 x 100mm	YES	100



BWZP

Hex-Head with Bonded Washer - TEK® 3 For 1.2 – 4.0mm structural steels)

CODE	SIZE	WASHER	BOX
BWZP19-25-3	5.5 x 25mm	YES	200
BWZP19-38-3	5.5 x 38mm	YES	200
BWZP19-50-3	5.5 x 50mm	YES	200
BWZP19-75-3	5.5 x 75mm	YES	100
BWZP19-100-3	5.5 x 100mm	YES	100



BW19

Evolution 19mm Galv Steel Bonded Washer

CODE	SIZE	BOX
BW19	19 X 3mm	1000



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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

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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