TEK SCREW
PRODUCT LIST

Version 2
Other Evolution Fasteners product guides:
<table>
<thead>
<tr>
<th>Contents</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Tek Bonded Hex Washer Head Tek 3</td>
<td>4-5</td>
</tr>
<tr>
<td>Standard Tek Bonded Hex Washer Head Tek 5</td>
<td>6-7</td>
</tr>
<tr>
<td>Standard Tek Unwashed Hex Head Tek 3</td>
<td>8-9</td>
</tr>
<tr>
<td>Standard Tek Unwashed Hex Head Tek 5</td>
<td>10-11</td>
</tr>
<tr>
<td>Super Tek Hex Head Tek 7 / Tek 8</td>
<td>12-13</td>
</tr>
<tr>
<td>Stitching &amp; Metal Framing</td>
<td>14-17</td>
</tr>
<tr>
<td>Composite Panel</td>
<td>18-19</td>
</tr>
<tr>
<td>Timber Tek 3</td>
<td>20-21</td>
</tr>
<tr>
<td>Timber Tek 5</td>
<td>22-23</td>
</tr>
<tr>
<td>Cladding &amp; Siding</td>
<td>24-25</td>
</tr>
<tr>
<td>Economy Standard Tek Bonded Hex Washer Head Tek 3 / 5</td>
<td>26</td>
</tr>
<tr>
<td>Economy Standard Tek Unwashed Hex Head Tek 3 / 5</td>
<td>27</td>
</tr>
<tr>
<td>Economy Timber Tek</td>
<td>28</td>
</tr>
<tr>
<td>Self Drilling Insulation</td>
<td>29</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>30</td>
</tr>
<tr>
<td>Accessories</td>
<td>31</td>
</tr>
<tr>
<td>Coatings</td>
<td>32-33</td>
</tr>
<tr>
<td>CE Marking</td>
<td>34</td>
</tr>
<tr>
<td>Terms &amp; Conditions</td>
<td>35</td>
</tr>
</tbody>
</table>
Standard Tek
Bonded Hex Washer Head Tek 3
For 1.2mm - 3.5mm Steel

TECHNICAL

✓ Evoshield Coating

Designed For: Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style: Hexagonal
Drive: 5/16” hexagonal
Washer: 16mm Ø bonded EPDM
Thread Form: Coarse thread (Tek 3)
Shank Material: Carbon steel
Material Grade: AISI C1022
Coating: 500hr Evoshield®

✓ Stainless Steel

Designed For: Fastening in aluminium sheeting and panels
Head Style: Hexagonal
Drive: 5/16” hexagonal
Washer: 16mm Ø bonded EPDM
Thread Form: Coarse thread (Tek 3)
Shank Material: Stainless steel
Material Grade: 304/Euro A2

Use with this range:

- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
Standard Tek
Bonded Hex Washer Head Tek 3 For 1.2mm - 3.5mm Steel

- Super hard, super sharp drill tips ensure fast drill times
- Hex flange head with bonded washer
- Precision formed concave fluting gives speedy chip removal
- Bonded steel washer can act as isolation between substrate and fixture, as an aid to clamping where fixture clearance hole sizes require, and as a weatherseal
  - Reduced heat loss when used with external cladding
  - High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
  - Bi-metal fasteners have welded, hardened carbon steel drill point married to a 304/Euro A2 grade stainless steel shank
  - Ultimate corrosion protection to ensure long-term fastener integrity

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
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<th>Carton</th>
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Standard Tek
Bonded Hex Washer Head Tek 5
For 4mm - 12.5mm Steel

TECHNICAL

✓ Evoshield Coating

Designed For: Fixing cladding and roofing applications
to hot and cold rolled purlins/rails
Head Style: Hexagonal
Drive: 5/16" hexagonal
Washer: 16mm Ø bonded EPDM
Thread Form: Fine thread (Tek 5)
Shank Material: Carbon steel
Material Grade: AISI C1022
Coating: 500hr Evoshield®

✓ Stainless Steel

Designed For: Fastening in aluminium sheeting and panels
Head Style: Hexagonal
Drive: 5/16" hexagonal
Washer: 16mm Ø bonded EPDM
Thread Form: Fine thread (Tek 5)
Shank Material: Stainless steel
Material Grade: 304/Euro A2

Use with this range:

Magnetic Bit Holder
MB1060

Magnetic Drive Socket
MES5/16
Standard Tek
Bonded Hex Washer Head Tek 5 For 4mm - 12.5mm Steel

✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head with bonded washer
✓ Precision formed concave fluting gives speedy chip removal
✓ Bonded steel washer can act as isolation between substrate and fixture, as an aid to clamping where fixture clearance hole sizes require, and as a weatherseal
  ✓ Reduced heat loss when used with external cladding
  ✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
  ✓ Bi-metal fasteners have welded, hardened carbon steel drill point married to a 304/Euro A2 grade stainless steel shank
✓ Ultimate corrosion protection to ensure long-term fastener integrity

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
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STANDARD TEK

Standard Tek
Unwasheded Hex Head Tek 3
For 1.2mm - 3.5mm Steel

TECHNICAL

✓ Evoshield Coating
Designed For: Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style: Hexagonal
Drive: 5/16" hexagonal
Thread Form: Fine thread (Tek 5)
Shank Material: Carbon steel
Material Grade: AISI C1022
Coating: 500hr Evoshield®

✓ Stainless Steel
Designed For: Fastening in aluminium sheeting and panels
Head Style: Hexagonal
Drive: 5/16” hexagonal
Thread Form: Fine thread (Tek 5)
Shank Material: Stainless steel
Material Grade: 304/Euro A2

Use with this range:
- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
- Washers
Standard Tek
Unwashed Hex Head Tek 3 For 1.2mm - 3.5mm Steel

✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head design provides sure clamping action
✓ Precision formed concave fluting gives speedy chip removal
✓ Aggressive thread form design guarantees consistent tapping and superb holding power

✓ Reduced heat loss when used with external cladding
✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
✓ Bi-metal fasteners have welded, hardened carbon steel drill point married to a 304/Euro A2 grade stainless steel shank
✓ Ultimate corrosion protection to ensure long-term fastener integrity

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<tr>
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✓ Evoshield Coating ✓ Stainless Steel
Standard Tek
Unwashed Hex Head Tek 5
For 4mm - 12.5mm Steel

TECHNICAL

✓ Evoshield Coating

Designed For: Fixing cladding and roofing applications to hot and cold rolled purlins/rails
Head Style: Hexagonal
Drive: 5/16" hexagonal
Thread Form: Fine thread (Tek 5)
Shank Material: Carbon steel
Material Grade: AISI C1022
Coating: 500hr Evoshield®

✓ Stainless Steel

Designed For: Fastening in aluminium sheeting and panels
Head Style: Hexagonal
Drive: 5/16" hexagonal
Thread Form: Fine thread (Tek 5)
Shank Material: Stainless steel
Material Grade: 304/Euro A2

Use with this range:

- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
- Washers
Standard Tek
Unwashed Hex Head Tek 5 For 4mm - 12.5mm Steel

✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head design provides sure clamping action
✓ Precision formed concave fluting gives speedy chip removal
✓ Aggressive thread form design guarantees consistent tapping and superb holding power

✓ Reduced heat loss when used with external cladding
✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
✓ Bi-metal fasteners have welded, hardened carbon steel drill point married to a 304/Euro A2 grade stainless steel shank
✓ Ultimate corrosion protection to ensure long-term fastener integrity

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<td>1,000</td>
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Super Tek
Hex Head Tek 7 / Tek 8

TECHNICAL

Unwashed Hex Head Tek 7

Designed For: Fixing steel to steel
Head Style: Hexagonal
Drive: 5/16” hexagonal
Thread Form: 24 threads per inch fine thread, ‘V’ fluted
Drill Point: Tek 7 spiral point
Shank Material: Carbon steel
Material Grade: AISI C1022
Coating: 1,000hr Evoshield®
Recommended Drill Speed: 1,500 - 2,500 RPM
Steel Thickness: 4.0mm - 18.0mm
✓ Evoshield Coating

Washer Hex Head Tek 7

All of the above PLUS:
Washer: 16mm Ø bonded EPDM

Unwashed Hex Head Tek 8

Designed For: Fixing steel to steel
Head Style: Hexagonal
Drive: 5/16” hexagonal
Thread Form: 14 threads per inch intermediate thread, ‘V’ fluted
Drill Point: Tek 8 spiral point
Shank Material: Carbon steel
Material Grade: AISI C1022
Coating: 1,000hr Evoshield®
Recommended Drill Speed: 1,500 - 2,500 RPM
Steel Thickness: 4.0mm - 22.0mm
Effective Thread Length: 32mm
Super Tek

Hex Head Tek 7 / Tek 8

Unwasheded Hex Head Tek 7
✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head design provides sure clamping action
✓ Precision formed concave fluting ensures speedy chip removal
✓ Aggressive thread form design ensures consistent tapping and superb holding power

Washedered Hex Head Tek 7
✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head with bonded washer
✓ Precision formed concave fluting ensures speedy chip removal
✓ Bonded steel washer can act as isolation between substrate and fixture, and as a weatherseal

Unwasheded Hex Head Tek 8
✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head design provides sure clamping action
✓ Precision formed concave fluting gives speedy chip removal
✓ Aggressive thread form design guarantees consistent tapping and superb holding power

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Use with this range:

- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
STITCHING & METAL FRAMING

Stitching Screws

TECHNICAL

✓ Evoshield Coating

- Designed For: Stitching cladding panels
- Shank Material: Carbon steel
- Material Grade: AISI C1022
- Coating: 500hr Evoshield®
- Recommended Drill Speed: 1,500 - 2,500 RPM

✓ Zinc Coating

- Designed For: Fixing steel to steel
- Shank Material: Carbon steel
- Material Grade: AISI C1022
- Recommended Drill Speed: 1,500 - 2,500 RPM
STITCHING & METAL FRAMING

Stitching Screws

✓ Evoshield Coating
✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head design gives a sure clamping action
✓ Precision formed concave fluting ensures speedy chip removal
✓ High grade carbon steel (C1022) helps prevent head snap
✓ Silver Evoshield® coating with 500hr salt spray rating

✓ Zinc Coating
✓ Fastening where a high end corrosion resistant coating is not required

<table>
<thead>
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<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
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<th>Zinc Coating</th>
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Metal Framing

**TECHNICAL**

✔ **Evoshield Coating**

- **Designed For:** Fixing steel to steel
- **Head Style:** Low Profile
- **Drive:** Phillips 3
- **Thread Form:** Coarse thread (Tek 3) / fine thread (Tek 5)
- **Shank Material:** Carbon steel
- **Material Grade:** AISI C1022
- **Coating:** 500hr Evoshield®

✔ **Stainless Steel**

- **Designed For:** Stitching cladding rails
- **Head Style:** Pancake
- **Drive:** Phillips 3
- **Thread Form:** Coarse
- **Shank Material:** Stainless Steel
- **Material Grade:** 304/Euro A2 OR 410
- **Recommended Drill Speed:** 1,500 - 2,500 RPM
**STITCHING & METAL FRAMING**

**Metal Framing**

1.2mm - 3.5mm Steel Thickness

- High grade carbon steel
- Super hard and sharp drill tips ensure fast drill times
- Superior corrosion protection to guarantee long-term fastener integrity
- Fully threaded for application versatility

- Super hard, super sharp drill tip
- The bright silver surface of stainless steel fasteners provides a contemporary and attractive appearance which is easily maintained
- Often the best value option over the total life of the project, despite higher initial costs

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<tr>
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<td>5,000</td>
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</tr>
</tbody>
</table>

**✓ Evoshield Coating**  **✓ Stainless Steel**
Composite Panel

TECHNICAL

✓ Evoshield Coating

Designed For: Fixing cladding and roofing applications to hot and cold rolled purlins/rails. Fastening liner panels and general components to steel

Head Style: Hexagonal

Drive: 5/16" hexagonal

Washer: 16mm Ø bonded EPDM

Thread Form: Coarse thread (Tek 3)

Shank Material: Carbon steel

Material Grade: AISI C1022

Coating: 500hr Evoshield®

✓ Stainless Steel

Designed For: Fastening in aluminium sheeting and panels

Head Style: Hexagonal

Drive: 5/16" hexagonal

Washer: 16mm Ø bonded EPDM

Thread Form: High thread

Dril Point: Tek 3

Shank Material: Stainless steel

Material Grade: 304/Euro A2

Coating: Electroplated zinc

Use with this range:

- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
Composite Panel
1.2mm - 3.5mm Steel Thickness

✓ Super hard, super sharp drill tips ensure fast drill times and eliminates ‘walking’
✓ Unthreaded piece ensures panel surfaces are not deformed
✓ Precision formed concave fluting gives speedy chip removal
✓ Sharp tapping threads ensure a low torque fixing every time
✓ Reduced heat loss when used with external cladding
✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
✓ Bi-metal fasteners have welded, hardened carbon steel drill point married to a 304/Euro A2 grade stainless steel shank
✓ Ultimate corrosion protection to ensure long-term fastener integrity

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
<th>Evoshield Coating</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSBWHT5.5-80-3</td>
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<td>TSBWHT5.5-135-3</td>
<td>5.5 x 135mm</td>
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<td>1,200</td>
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</table>
TIMBER TEK

Timber Tek
For 1.2mm - 3.5mm Steel

TECHNICAL

✓ Evoshield Coating

- Designed For: Fixing timber or composites to steel
- Head Style: Countersunk or countersunk with nibs
- Drive: Phillips 3
- Thread Form: Coarse thread (Tek 3)
- Shank Material: Carbon steel
- Material Grade: AISI C1022
- Coating: 500hr Evoshield®

✓ Stainless Steel

- Designed For: Fastening when stainless steel product is required, e.g. in aluminium sheeting and panels
- Head Style: Countersunk
- Drive: Phillips 3
- Thread Form: Coarse thread (Tek 3)
- Shank Material: Stainless steel
- Material Grade: AISI A304
- Recommended Drill speed: 1,500 - 2,500 RPM

Use with this range:

- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
Timber Tek
For 1.2mm - 3.5mm Steel

- Super hard, super sharp drill tips ensure fast drill times
- Countersinking nibs under head provide flush finish
- Precision formed concave fluting gives speedy chip removal
- Aggressive thread form design guarantees consistent tapping and superb holding power

- High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
- Bi-metal fasteners have welded, hardened carbon steel drill point married to a 304/Euro A2 grade stainless steel shank
- Ultimate corrosion protection to ensure long-term fastener integrity

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
<th>Evoshield Coating</th>
<th>Stainless Steel</th>
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<tbody>
<tr>
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<td>200</td>
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<td>TSTF5.5-62-3</td>
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<td>TSTF5.5-80-3</td>
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<td>1,400</td>
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<tr>
<td>TSTF5.5-150-3</td>
<td>5.5 x 150mm</td>
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<td>1,200</td>
<td>✓</td>
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<td>BMWD4.8-38-3</td>
<td>4.8 x 38mm</td>
<td>200</td>
<td>4,800</td>
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<td>BMWD5.5-62-3</td>
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<td>1,000</td>
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<tr>
<td>BMWD5.5-80-3</td>
<td>5.5 x 80mm</td>
<td>100</td>
<td>1,000</td>
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</tbody>
</table>
Timber Tek
For 4mm - 12.5mm Steel

TECHNICAL

✓ Evoshield Coating

- Designed For: Fixing timber or composites to steel
- Head Style: Countersunk
- Drive: Phillips 3
- Thread Form: Fine thread (Tek 5)
- Shank Material: Carbon steel
- Material Grade: AISI C1022
- Coating: 500hr Evoshield®

✓ Stainless Steel

- Designed For: Fastening when stainless steel product is required, e.g. in aluminium sheeting and panels
- Head Style: Countersunk
- Drive: Phillips 3
- Thread Form: Fine thread (Tek 5)
- Shank Material: Stainless steel
- Material Grade: AISI A304
- Recommended Drill speed: 1,500 - 2,500 RPM

Use with this range:

- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
Timber Tek
For 4mm - 12.5mm Steel

✓ Super hard, super sharp drill tips ensure fast drill times
✓ Countersinking nibs under head provide flush finish
✓ Precision formed concave fluting gives speedy chip removal
✓ Aggressive thread form design guarantees consistent tapping and superb holding power

✓ High carbon, high performance drill point ensures superior drilling characteristics, giving accurate drilling every time
✓ Bi-metal fasteners have welded, hardened carbon steel drill point married to a 304/Euro A2 grade stainless steel shank
✓ Ultimate corrosion protection to ensure long-term fastener integrity

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
<th>Evoshield Coating</th>
<th>Stainless Steel</th>
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<tbody>
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<td>BMWD5.5-65-5</td>
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<td>1,000</td>
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<tr>
<td>BMWD5.5-85-5</td>
<td>5.5 x 85mm</td>
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<td>1,000</td>
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<tr>
<td>BMWD5.5-135-5</td>
<td>5.5 x 135mm</td>
<td>100</td>
<td>1,000</td>
<td>✓</td>
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</tbody>
</table>
Hex Head

**TECHNICAL**

**✓ Evoshield Coating**
- Designed For: Fixing fibrous cement sheets to timber
- Head Style: Hexagonal
- Drive: 5/16" hexagonal
- Washer: BAZ type
- Thread Form: Single
- Material Grade: AISI C1022
- Drill Point: Gash point
- Effective Thread Length: Fully threaded
- Coating: 500hr Silver Evoshield®

**✓ Zinc Coating**
- Designed For: Fixing timber batons, trunking, track and general components into concrete and masonry substrates. Also for fixing metal sheets to timber purlins
- Head Style: Slotted hexagonal
- Drive: 5/16" hexagonal with slot
- Thread Form: Single
- Drill Point: Type 17
- Material Grade: Zinc

**✓ Stainless Steel**
- Designed For: Fixing timber batons, trunking, track and general components into concrete and masonry substrates. Also for fixing metal sheets to timber purlins
- Head Style: Slotted hexagonal
- Drive: 5/16" hexagonal with slot
- Thread Form: Hi-Lo
- Drill Point: Type 17
- Material Grade: SAE 410 stainless steel
Hex Head

- Replaces hook bolts and drive screws
- Wings on shank will ream a clearance hole in the sheets
- Precision formed concave fluting ensures speedy chip removal
- Sharp tapping threads ensure a low torque fixing every time

- Fully threaded for application versatility
- 16mm bonded EPDM washer
- The gash point makes the initial penetration of the metal sheet easier
- Sharp tapping threads ensure a low torque, sure fixing every time

- Type 17 cutter point for fast advancement through timber and penetration of thin steel sections
- Cutter point reduces torque to stop timber splitting
- Hi-Lo thread form for superior pull-out resistance in timber, steel, masonry and concrete substrates
- Slotted hexagonal head for positive, stable driving characteristics

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
<th>Evoshield Coating</th>
<th>Zinc Coating</th>
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<tr>
<td>TSBW6.3-80-GP</td>
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<td>1,400</td>
<td>✓</td>
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<tr>
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<td>1,200</td>
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<td>SSMSSH6.3-45-GP</td>
<td>6.3 x 45mm</td>
<td>200</td>
<td>2,400</td>
<td>✓</td>
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<td></td>
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</table>

- Evoshield Coating  ✓ Zinc Coated  ✓ Stainless Steel
ECONOMY RANGE

Standard Tek Zinc
Bonded Hex Washer Head Tek 3 / Tek 5

✓ Zinc Coating

Designed For: Fastening where a high end corrosion resistant coating is not required
Head Style: Hexagonal
Drive: 5/16" hexagonal
Thread Form: Coarse thread (Tek 3) / fine thread (Tek 5)
Material Grade: AISI C1022

✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head with bonded washer
✓ Precision formed concave fluting ensures speedy chip removal
✓ Bonded steel washer can act as isolation between substrate and fixture, as an aid to clamping where fixture clearance holes require, and as a weatherseal

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
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<th>Zinc Coating</th>
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<tr>
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<td>BWZ38-3</td>
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<tr>
<td>BWZ50-3</td>
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<td>BWZ50-5</td>
<td>5.5 x 50mm</td>
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<td>1,400</td>
<td>✓</td>
</tr>
</tbody>
</table>

Use with this range:

Magnetic Bit Holder MB1060
Magnetic Drive Socket MES5/16
ECONOMY RANGE

Standard Tek Zinc
Unwashed Hex Head Tek 3 / Tek 5

✓ Zinc Coating

Designed For: Fastening where a high end corrosion resistant coating is not required
Head Style: Hexagonal
Drive: 5/16” hexagonal
Thread Form: Coarse thread (Tek 3) / fine thread (Tek 5)
Material Grade: AISI C1022

✓ Super hard, super sharp drill tips ensure fast drill times
✓ Hex flange head design provides sure clamping action
✓ Precision formed concave fluting gives speedy chip removal
✓ Aggressive thread form design guarantees consistent tapping and superb holding power

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
<th>Zinc Coating</th>
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<tr>
<td>HWZ32-3</td>
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<tr>
<td>HWZ38-3</td>
<td>5.5 x 38mm</td>
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<td>2,800</td>
<td>✓</td>
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<tr>
<td>HWZ50-3</td>
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<td>HWZ75-3</td>
<td>5.5 x 75mm</td>
<td>100</td>
<td>1,400</td>
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<tr>
<td>HWZ38-5</td>
<td>5.5 x 38mm</td>
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<td>HWZ50-5</td>
<td>5.5 x 50mm</td>
<td>100</td>
<td>1,400</td>
<td>✓</td>
</tr>
</tbody>
</table>

Use with this range:

Magnetic Bit Holder MB1060
Magnetic Drive Socket MES5/16

sales@evolutionfasteners.co.uk  www.evolutionfasteners.co.uk
Timber Tek Zinc

✓ Zinc Coating

Designed For: Fixing timber or composites to steel where a high end corrosion resistant coating is not required

Head Style: Countersunk or countersunk with nibs*

Drive: Phillips 3

Thread Form: Twin, coarse thread (Tek 3) / fine thread (Tek 5)

Material Grade: AISI C1022

Shank Material: Carbon steel

Drilling Capacity: 1.2mm - 3.5mm (Tek 3) / 3.5mm - 12.00mm (Tek 5)

Recommended Drill Speed: 1,500 - 2,500 RPM

✓ Super hard, super sharp drill tips ensure fast drill times
✓ Countersinking nibs under head provide flush finish in fixture
✓ Precision formed concave fluting ensures speedy chip removal
✓ Aggressive thread form design ensures consistent tapping and superb holding

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
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<tbody>
<tr>
<td>ZWD38-3</td>
<td>4.2 x 38mm</td>
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<td>4.8 x 38mm</td>
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<td>2,800</td>
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</tr>
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<td>ZWD50-3</td>
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<td>ZWD80-3</td>
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<td>ZWD85-5</td>
<td>5.5 x 85mm</td>
<td>100</td>
<td>1,400</td>
<td>✓</td>
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</tbody>
</table>

Use with this range:

- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
SELF DRILLING INSULATION

Self Drilling Insulation

✓ Evoshield Coating

Designed For: Fixing insulation to steel and timber purlins
Head Style: Bugle
Drive: Phillips 2
Thread Form: Twin
Material Grade: AISI C1022
Coating: 500hr Evoshield®
Recommended Drill Speed: 1,500 - 2,500 RPM

✓ Self drilling point and coarse thread allows optimum performance in steel and timber substrates
✓ Bugle head allows use with various washer designs
✓ Heat treated carbon steel construction yields material strength of 1,100N/mm2 for superior physical performance
✓ Evoshield® coating provides greatered corrosion resistance over the industry standard of 320 hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
<th>Evoshield Coating</th>
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<td>4.8 x 60mm</td>
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<tr>
<td>ETKR80</td>
<td>4.8 x 80mm</td>
<td>100</td>
<td>1,000</td>
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<tr>
<td>ETKR100</td>
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<tr>
<td>ETKR120</td>
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<td>200</td>
<td>2,400</td>
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<tr>
<td>ETKR140</td>
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<td>2,400</td>
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<tr>
<td>ETKR160</td>
<td>4.8 x 160mm</td>
<td>200</td>
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<td>ETKR180</td>
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<td>200</td>
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<td>ETKR200</td>
<td>4.8 x 200mm</td>
<td>100</td>
<td>800</td>
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<td>ETKR220</td>
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<td>ETKR240</td>
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<tr>
<td>ETKR260</td>
<td>4.8 x 260mm</td>
<td>100</td>
<td>900</td>
<td>✓</td>
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<tr>
<td>ETKR280</td>
<td>4.8 x 280mm</td>
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<td>ETKR300</td>
<td>4.8 x 300mm</td>
<td>100</td>
<td>900</td>
<td>✓</td>
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</tbody>
</table>

Use with this range:

Magnetic Bit Holder
MB1060

Washers

sales@evolutionfasteners.co.uk www.evolutionfasteners.co.uk
MISCELLANEOUS

Miscellaneous

TECHNICAL

Designed For:

- **BMDW**: Fixing plasterboard to drywall track/timber in humid atmospheres
- **SSHW**: Stitching aluminium sheets
- **SSCSK**: Fixing plasterboard/timber to aluminium
- **TSHV**: Assembly/fabrication of ducting/air con systems

Head Style:

- **BMDW**: Countersunk
- **SSHW**: Hexagonal head 5/16”
- **SSCSK**: Countersunk
- **TSHV**: Hexagonal head 5/16”

- ✓ Reduced heat loss compared to carbon steel/coated fixings
- ✓ 410 grade parts have superior performance characteristics when subjected to heat
- ✓ Stainless steel grades ideal for use in aluminium to mitigate electro-galvanic corrosion
- ✓ BMDW perfect multi-purpose screw with ‘universal drywall thread’ ensures best fixing combined with ultimate corrosion resistance

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
<th>Stainless Steel / Coating</th>
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<tbody>
<tr>
<td>SSHW4.8-16-3</td>
<td>4.8 x 16mm</td>
<td>500</td>
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<tr>
<td>BMDW4.8-42</td>
<td>4.8 x 42mm</td>
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<td>4,800</td>
<td>304/A2</td>
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<td>1,000</td>
<td>10,000</td>
<td>Evoshield</td>
</tr>
</tbody>
</table>

Use with this range:

- Magnetic Bit Holder MB1060
- Magnetic Drive Socket MES5/16
- Washers

Tel: +44 (0)141 647 7100  Fax: +44 (0)141 647 5100
Tek Colour Caps

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Box</th>
<th>Carton</th>
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<tbody>
<tr>
<td>PC8-16</td>
<td>16mm UV Protected Colour Cap</td>
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<td>PC8-19</td>
<td>19mm UV Protected Colour Cap</td>
<td>1,000</td>
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<tr>
<td>PC8-29</td>
<td>29mm Protected Colour Cap</td>
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</tr>
<tr>
<td>PC8-32</td>
<td>32mm Protected Colour Cap</td>
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<td>10,000</td>
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Washers

<table>
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<th>Size</th>
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<tr>
<td>SS16</td>
<td>16mm Stainless Steel Washer</td>
<td>500</td>
<td>7,000</td>
</tr>
<tr>
<td>BW16</td>
<td>16mm Bonded Isolation and Weatherseal Washer</td>
<td>500</td>
<td>7,000</td>
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Drill & Drive

<table>
<thead>
<tr>
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<th>Size</th>
<th>To Suit Length</th>
<th>Box Quantity</th>
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</thead>
<tbody>
<tr>
<td>ED1000</td>
<td>Multipurpose Drive Kit</td>
<td>All</td>
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</tr>
<tr>
<td>MB1060</td>
<td>Magnetic Bit Holder</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>MES5/16</td>
<td>Extended Mag Drive Socket 5/16 AF x 65mm</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

Colour Moulded Tek

Provides superior aesthetic appearance
Enhances corrosion resistance
Available in any RAL/BS colour
Stable under Ultra Violet radiation
Evoshield®

What is Evoshield®?

Evoshield® is our trademarked fastener coating. It is a non-organic, tri-layered ceramic surface coating developed to attain optimum performance in the various pollutive and atmospheric conditions that cause corrosion.

Layer 1: metallic zinc
Layer 2: ceramic layer
Layer 3: resin layer

The distinguishing feature of Evoshield® is the tight joining of the baked resin layer and the ceramic layer thanks to the cross-linking effect. These layers are bonded together with the metallic zinc layer through chemical reactions, and this unique method of combining layers results in a rigid and dense combination of the coating films. Evoshield® treatment does not attribute its anti-corrosion properties to merely a single material, but the synergy of these three layers, which combined have superb rustproof qualities.

Compatible with metal coated and painted surfaces, fasteners coated with Evoshield® are resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement. These fasteners conform to corrosive gas test standard (Kesternich) DIN50018 and give a salt spray fog test to exceed (JISZ2731) 1,000 hours (ASTM B117).

Benefits of Evoshield®

✓ Available with 500hr/1,000hr hour salt spray rating (please refer to the relevant datasheet for details of the salt spray rating of a specific product or call or email us)
✓ Superior corrosion resistance. Excellent against gas, weathering and other corrosive factors including salt water
✓ Resistant to acid and alkaline attack, galvanic corrosion and hydrogen embrittlement
✓ Corrosion resistance against scratches. Composite layers minimise the effect of scratches on the protection coating
✓ Electrolytic corrosion resistance. Less contact corrosion with other metals
✓ Low process temperature. The drying temperature below 200°C protects the products from metallographic changes
✓ Paintable
✓ Available in a variety of colours

Silver Evoshield®
Blue Evoshield®
Grey Evoshield®
Green Evoshield®
Zinc

Evolution Fasteners utilises specialist zinc coatings in the protection of our products. Our electroplated zinc coatings are designed to give sacrificial protection to the fasteners in an electrogalvanic corrosion scenario as well as resistance to corrosion (tested to BS EN ISO 9227: 2012).

In addition to pure zinc coatings, we use specialist coatings such as zinc with yellow di-chromate passivation to give additional resistance to corrosion and chemical attack.

Stainless Steel

Evolution Fasteners use 300 series austenitic stainless steels in our fasteners where the ultimate in corrosion resistance is demanded by the application. These screws are constructed from SAE 304 (Euro Class A2) stainless steel.

In addition to this, we offer a limited range of 400 series martensitic stainless steels where screws may be subjected to higher temperatures. These screws are constructed from SAE 408 and 410 stainless steel.

TESTING

Evolution Fasteners test all of our screws and coatings to the highest possible standards in our own in-house testing laboratory. Our primary method is through Neutral Salt Spray Testing to BS EN ISO 9227: 2012 but we also subject our coatings to testing in acid, alkalis, solvents and organics to ensure that the coatings we supply are of premium quality.
On the 1st of July 2013, European Regulation No. 305/2011 (commonly referred to as the Construction Products Regulations) will come into full force. On that day it will completely repeal European Directive 89/106/EEC (commonly referred to as the Construction Products Directive).

Unlike the Directive, the Regulation will be legally mandated across all Member States of the European Union.

As such there are legal requirements placed upon Manufacturers, Importers and Distributors of construction products.

Most notably is the requirement to CE mark products.

CE Marking is only required on a product which falls within the scope of a Harmonised European Standard (EN). A list of such standards is maintained on the EU-LEX (the European Commissions’ website) and in the OJEU (Official Journal of the European Union).

Where there is such a harmonised standard, the product must undergo both ITT (Initial Type Testing) by a competent laboratory (ISO 17025: 2005 accredited Laboratory by an ILAC member. In the United Kingdom the laboratory must be accredited by UKAS (United Kingdom Accreditation Service)) and FPC (Factory Production Control); which can take the form of an audited Quality Management System (such as ISO 9001: 2009) so long as it takes into consideration manufacturing, quality and technical considerations unique to the product being CE marked.

The steps and requirements for ITT and FPC are outlined in the EN which covers the product. As such, the requirements change for every individual product.

Other products that do not require mandatory CE marking under an EN may still be adorned with the CE mark. This route is by ETA (European Technical Assessment), which can be derived by testing and documentation to either an ETAG (European Technical Assessment Guideline) or CUAP (Common Understanding of Assessment Procedure). In either case, the testing must be performed by an accredited laboratory and the documentation must be drawn up and ratified by EOTA (European Organisation for Technical Approvals) via a Notified Body.

Whether a product is being CE marked by an EN or ETA, the end document which allows the CE mark to be adorned is known as the DoP (Declaration of Performance). This document details critical compliance, conformity and performance information and is the manufacturers’ own legal declaration document. As such when marking to an EN, a Notified Body is not required to prepare the DoP.
GENERAL

1. (a) All orders placed with Evolution Fasteners UK Ltd (hereinafter referred to as the “Company”) are subject to the terms and conditions set out below. No modifications or variations to these terms and conditions and no other terms and conditions shall be valid or effective unless expressly accepted in writing by a Director of the Company.

(b) All orders placed with the Company shall be deemed to be subject to these terms and conditions unless expressly agreed otherwise in writing by a Director of the Company.

QUOTATIONS

2. A quotation by the Company does not constitute an offer and the Company reserves the right to withdraw or vary any quotation at any time prior to acceptance of the Purchase Order. The Buyers purchase order is binding and the Buyer is responsible for costs arising from any changes of nature to the order.

PRICE

3. The price of any goods shall be the Company’s list price of the goods prevailing at the date of acceptance of the order by the Company (less any agreed discount).

4. Unless otherwise stated in all prices are exclusive of Value Added Tax (V.A.T.).

5. The Company shall be entitled from time to time to vary list price or list prices without prior notice.

6. Unless otherwise specified in writing by the seller, payment is due on or before the end of the month following that in which the goods were invoiced.

7. Failure by the Buyer to pay for any goods on the due date shall entitle the Company:
   (a) to cancel the balance (if any) of the contract under which the Buyer has failed to pay for the goods and to recover from the Buyer damages for any loss suffered by the Company as a result of such cancellation, and/or
   (b) to cancel any other contract or the balance of any other contract which the Company may have with the Buyer and to recover from the Buyer damages for any loss suffered by the Company as a result of such cancellation, and/or
   (c) to charge the Buyer interest at the rate of 2.5% per month calculated on a day-to-day basis on the amount due from the date of invoice to the date of actual payment thereof (both before and after any judgement) such interest to be paid on demand.

ACCOUNTS

8. The Company reserves the right to close a credit account at any time without prior notice. Where the amount outstanding on such account shall become immediately due and payable.

COLLECTION AND DELIVERY

9. Where the Company agrees to deliver any goods to the Buyer:
   (a) The Buyer shall pay the Company’s delivery charges therefore at the rates or rates prevailing at the date of acceptance of the order by the Company or at such other rates or rates as may be agreed between the Company and the Buyer prior to the date of acceptance of the order by the Buyer.
   (b) Delivery of the goods shall be made to such place or places as agreed between the Company and the Buyer.

10. The Buyer will ensure that there is adequate access to the delivery place and that there is made available and all reasonable endeavours to the Company or its carriers or other parties in order to enable the goods to be unloaded and safely delivered. The Company will deliver and will indemnify the Company in respect of any losses costs and expenses incurred by the Company as a consequence thereof and (without prejudice to the generality of the foregoing) the Company shall be entitled to charge the Buyer and recover from the Buyer damages for any loss suffered by the Company's premises or otherwise.

11. If the Buyer shall refuse for any reason whatsoever to accept delivery of the goods then the same may be sold by the Company and all reasonable costs and expenses incurred by the Company in respect of the goods sold shall be charged to the Buyer.

12. The Company shall be entitled to make part deliveries of the goods and for the purposes of these terms and conditions each such part delivery shall be treated as a separate and independent contract for the sale of the goods.

13. If the place of delivery or collection or delivery shall be a bona fide estimate only and whilst the Company will use all reasonable endeavours to meet such estimates the Company shall not be liable in respect of any delays caused therewith.

14. Where no times are stated for collection or delivery the Company will use all reasonable endeavours to make the goods available for collection or delivery (as the case may be) at the premises of the Buyer as reasonably practicable.

15. The Company shall be entitled to stop collection or to withhold delivery of the Buyer’s order if the Buyer is in arrears with any part of its collection or delivery payment due to the Company in respect of any goods supplied to the Buyer under any contract whatsoever.

DAMAGE OR LOSS IN TRANSIT

16. Where the Company is responsible for delivering the goods to the Buyer the Company will at its option repair or replace free of charge any goods lost or damaged in transit provided that:
   (a) if the goods are lost in transit or the delivery does not take place or any other arrangement for storage for within 7 days of notification the Company shall be entitled to invoice and to pay for the goods as though the goods had been duly delivered in accordance with the instructions and the Company may arrange storage either at the Company’s own premises or elsewhere on the Buyer’s behalf and all charges for storage, insurance and demurrage shall be payable by the Buyer.

17. Where the Company has notified the Seller that the goods are ready for delivery, the Seller shall take delivery of the goods. If the Seller does not take delivery of the goods within 10 days of notification the Seller shall be deemed to be in breach of contract and the Company may arrange storage either at the Company’s own premises or elsewhere on the Buyer’s behalf and all charges for storage, insurance and demurrage shall be payable by the Buyer.

DEFECTIVE GOODS

18. The Company shall at their option repair or replace any goods which are defective as to materials or workmanship provided that:
   (a) if the alleged defect is discoverable on an inspection of the goods (whether or not the Seller shall actually inspect the goods) notification of the alleged defect with full particulars thereof shall be given in writing within 14 days of delivery of the goods and in any case notification of the alleged defect is received by the Company in writing with full particulars thereof within 10 days of the date of collection or delivery of the goods, and
   (b) the said written notification is made with full particulars immediately upon discovery of the alleged defect and is afforded the opportunity of inspecting the goods at the premises of the Buyer or if so required by the Company the Buyer immediately returns the goods to the Company’s premises carriage paid (but refundable insofar as the goods are repaired or replaced), and
   (c) any defect is not due to wear and tear and negligent abuse misuse or improper adjustment.

19. The Company shall not be liable for transportation or installation charges, for expense of the Buyers for repairs or replacements or for damages for delay or loss of use or other indirect, incidental or consequential damage of any kind.

20. (a) Against a person dealing as a consumer as defined by Section 12 of the Unfair Contract Terms Act 1977 all conditions and warranties (whether express or implied by statute (save those implied by virtue of Sections 12 to 15 of the Sale of Goods Act 1979) common law usage or otherwise) are hereby excluded and whatsoever the cause thereof:
   (b) For any increased costs or expenses
   (c) For any special direct or consequential damage of any nature whatsoever said to have occurred consequent upon the use of the Goods or otherwise
   (d) In respect of a total loss or non-delivery of the goods
   (e) In respect of a total loss or non-delivery of the goods
   (f) In respect of a total loss or non-delivery of the goods

21. The Company reserves the right to close a credit account at any time without prior notice. Where the amount outstanding on such account shall become immediately due and payable.

RETURNED GOODS

22. (a) Where returned Goods are found to be damaged due to the Buyer’s fault the Buyer will be liable for the cost of remedying such damage and all reasonable costs and expenses incurred by the Company in respect of such goods.

23. (b) The vendor will accept goods for credit or rectification unless such return has been pre-approved by Evolution Fasteners UK Ltd at the time of purchase. Goods returned in stock condition, with original packaging and the vendor reserves the right to ask a 35% restocking charge providing that the original services herein contracted to be supplied by the company or any subcontractor to its company.

FAIR MAJRES

24. In the event of any delay or non-performance of any contract arising therewith or from any cause the Company including but without prejudice to the generality of the foregoing any cause arising from failure or attributable to strikes, lock-outs, or trade disputes, coal mining troubles, Lightning, Act of God, war, hostilities, civil commotion or riots or any fortuitous event, whether of plant collapse of structures or machinery or otherwise, which cannot reasonably be avoided and which the Company considers appropriate.

PROPERTY AND RISK

25. Property in any goods sold shall not pass to the Buyer until all sums outstanding from the Buyer to the Company for the goods in respect of which payment is due and all other sums outstanding from the Buyer to the Company for the purchase of any goods whatsoever have been paid in full to the Company.

26. Notwithstanding that property in any goods sold may not have passed to the Buyer the goods shall be at the risk of the Buyer from the time they are loaded onto the transport vehicle at the Company’s premises or from the time of collection of the goods and in the event of any delay or non-performance of any contract arising therewith or from any cause the Company including but without prejudice to the generality of the foregoing any cause arising from strike, lock-out, trade disputes, coal mining troubles, Lightning, Act of God, war, hostilities, civil commotion or riots or any fortuitous event, whether of plant collapse of structures or machinery or otherwise, which cannot reasonably be avoided and which the Company considers appropriate.

GOVERNING LAW AND JURISDICTION

27. All contracts between the Company and the Buyer shall be governed by English Law and all disputes which may arise out of or in connection with these Conditions or any contract between the Company and the Buyer or any goods supplied or to be supplied under any contract shall be subject to the exclusive jurisdiction of the English Courts save that the Company shall be entitled to bring any legal proceedings against the Buyer or the goods wherever such proceedings are brought as the English Courts shall so direct.

28. In the event of any dispute the Company will bring any legal proceedings against the Buyer in connection with these Conditions or any contract between the Company and the Buyer or any goods supplied or to be supplied under any contract or for the purpose of meeting any claim which may be made by the Company for the payment of any monies due from the Buyer, the Company shall be entitled to charge interest on any sums outstanding from the Buyer for the storage of the goods whether at the Company’s premises or otherwise.

29. The onus of proof of safe delivery shall rest with the Purchaser.

30. Any goods returned by the purchaser to the vendor for service or credit which goods shall be at the risk of the purchaser at their sole risk and expense and shall be charged to the Buyer.

31. No credit shall be allowed for goods until they have been received complete.

32. In the event of any delay or non-performance of any contract arising therewith or from any cause the Company including but without prejudice to the generality of the foregoing any cause arising from strike, lock-out, trade disputes, coal mining troubles, Lightning, Act of God, war, hostilities, civil commotion or riots or any fortuitous event, whether of plant collapse of structures or machinery or otherwise, which cannot reasonably be avoided and which the Company considers appropriate.

33. (a) As against a person dealing as a consumer as defined by Section 12 of the Unfair Contract Terms Act 1977 all conditions and warranties (whether express or implied by statute (save those implied by virtue of Sections 12 to 15 of the Sale of Goods Act 1979) common law usage or otherwise) are hereby excluded and whatsoever the cause thereof:
   (b) For any increased costs or expenses
   (c) For any special direct or consequential damage of any nature whatsoever said to have occurred consequent upon the use of the Goods or otherwise
   (d) In respect of a total loss or non-delivery of the goods
   (e) In respect of a total loss or non-delivery of the goods
   (f) In respect of a total loss or non-delivery of the goods

34. For the avoidance of doubt nothing in these trading terms and conditions are intended to confer on any third party any benefit or the right to enforce any terms within the conditions.

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offers and Evolution news

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