

# LONG-LENGTH FASTENERS



This guide showcases our full range of long-length fasteners, carefully organised by category.

Designed to make selection easier, it provides clear available product sizes, codes, and benefits for each fixing type.

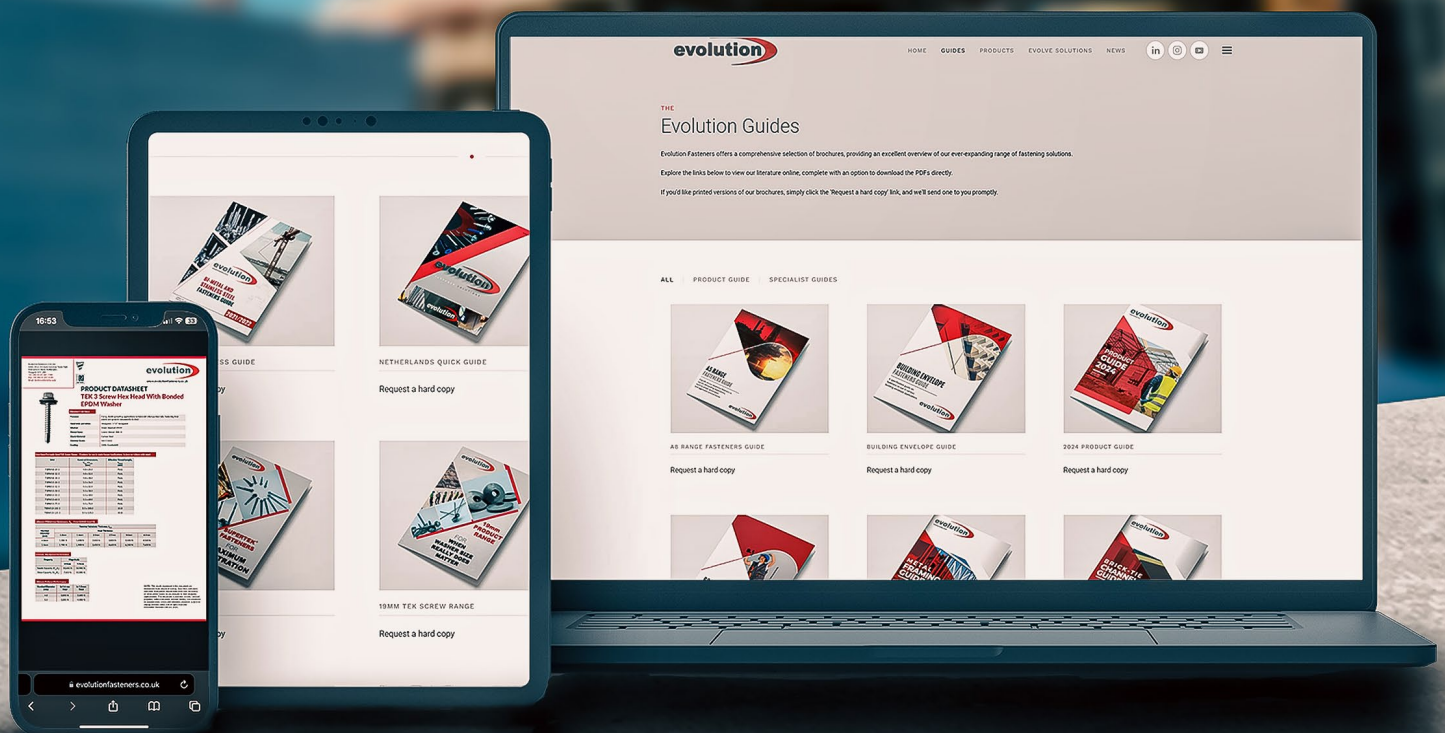
# EVOLUTION QUALITY

We are committed to ensuring the quality of our products at every stage of the production process.

From initial product design, prototype, testing, quality control, manufacturing and final certification.

VISIT: [www.evofas.com](http://www.evofas.com)

For more information.





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## EXPLORE ALL OUR LONG-LENGTH FIXINGS.

COVERING CARBON STEEL, BI-METAL, MASONRY, INSULATION, WOOD SCREWS, AND DRYWALL, THIS GUIDE MAKES IT EASY TO FIND THE RIGHT FASTENER FOR THOSE TOUGHER, MORE DEMANDING JOBS.

LONGER FASTENERS MEAN STRONGER, MORE SECURE CONNECTIONS, REDUCING THE NEED FOR ADDITIONAL FIXINGS AND SAVING TIME ON-SITE.

THEY'RE IDEAL FOR THICKER MATERIALS, DEEP ANCHORING, AND HIGH-LOAD APPLICATIONS, GIVING YOU CONFIDENCE IN EVERY INSTALLATION.





## HOW TO ORDER

Contact Evolution Fasteners to learn more or to place an order. Our dedicated team is ready to assist you with product selection, technical support, and logistics to meet your project requirements.

Website: [www.evofas.com](http://www.evofas.com)

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CARBON STEEL

# COMPOSITE PANEL

**Increased Versatility**  
Ideal for multi-layered panel systems and installations requiring deeper penetration into substrates.

## HIGH THREAD HEX HEAD COMPOSITE PANEL

### RANGE

PRODUCT CODE	BOX QUANTITY
<b>16mm WASHER</b>	
TSBWHT16-5.5-200-3	50
<b>19mm WASHER</b>	
TSBWHT19-5.5-200-3	50
TSBWHT19-5.5-225-3	50
TSBWHT19-5.5-240-3	50
TSBWHT19-5.5-275-3	50
TSBWHT19-5.5-300-3	50
* TSBWHT19-5.5-235-5	50
* TSBWHT19-5.5-260-5	50
** TSBWHT19-6.3-200-GP	50



Light section  
upto **300mm**



Heavy section  
upto **260mm**



Gash Point  
upto **200mm**

\*HEAVY SECTION  
\*\*GASH POINT

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**CARBON STEEL**

**TIMBER TEK®**

**Extended Lengths for Thicker Assemblies**

Our long-length options provide stronger, deeper anchoring, ensuring a secure hold when fixing thicker timber battens or sheathing boards to light steel sections.

Wings to ream out  
the timber.



**LENGTHS  
AVAILABLE :**

**200mm  
235mm**

**WING-DRILL  
SELF-DRILLING  
SCREW WITH CSK  
HEAD**

**RANGE**

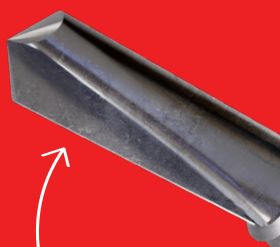
PRODUCT CODE	BOX QUANTITY
TSTF5.5-200-3	100
TSTF5.5-235-3	50

**BI-METAL™**

## COMPOSITE PANEL



Light section  
upto **350mm**



Heavy section  
upto **245mm**

\*HEAVY SECTION

## A2 COMPOSITE PANEL WITH 12/16/19mm BONDED WASHER

### RANGE

PRODUCT  
CODE

BOX  
QUANTITY

#### 12mm WASHER

BMHT12-5.5-200-3	50
BMHT12-5.5-225-3	50
BMHT12-5.5-235-3	50
BMHT12-5.5-265-3	50
BMHT12-5.5-275-3	50
BMHT12-5.5-300-3	50
BMHT12-5.5-325-3	50
BMHT12-5.5-350-3	50
* BMTSBWHT12-5.5-245-5	50

#### 16mm WASHER

BMTSBWHT16-5.5-200-3	50
BMTSBWHT16-5.5-225-3	50
BMTSBWHT16-5.5-235-3	50
BMTSBWHT16-5.5-300-3	50
* BMTSBWHT16-5.5-245-5	50

#### 19mm WASHER

BMTSBWHT5.5-200-3	100
BMTSBWHT5.5-235-3	50
BMTSBWHT5.5-275-3	50
* BMTSBWHT5.5-245-5	50

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**BI-METAL™**

## COMPOSITE PANEL

TEK® 7 spiral Point  
minimizes the need for  
pre-drilling, saving time  
during installation.

**LENGTHS  
AVAILABLE :**

**235mm**

**250mm**

**275mm**

**300mm**

**A4 SuperTEK® 7  
COMPOSITE PANEL  
WITH 19mm BONDED  
WASHER**

### RANGE

PRODUCT CODE	BOX QUANTITY
A4BMHT19-5.5-235-7	50
A4BMHT19-5.5-250-7	50
A4BMHT19-5.5-275-7	50
A4BMHT19-6.3-300-7	50



For fixing wood, metal, or uPVC frames to masonry.

Designed for quick and secure installation without the need for plugs, these screws cut directly into masonry for a tight, durable hold.

The Torx head ensures better grip and reduced cam-out, making installation smoother and more controlled. With long-length options available, they offer increased versatility, allowing for deeper, more stable fixings in demanding applications.

## SELF TAPPING FRAMING SCREWS WITH TORX HEAD

### RANGE

PRODUCT CODE	BOX QUANTITY
STCS202	50
STCS212	50
STCS252	50
STCS272	50
STCS302	50

### 1,000 HR EVOSHIELD® COATED VERSION

STCSC232	50
STCSC252	50
STCSC272	50

### LENGTHS AVAILABLE :

**202mm**  
**212mm**  
**232mm**  
**252mm**  
**272mm**  
**302mm**

Yellow zinc  
passivated coating  
upto **302mm**

EvoShield® Coating  
upto **272mm**



**MASONRY**

## SELF-TAPPING

LENGTHS  
AVAILABLE :

**200mm**

**230mm**

**254mm**

**275mm**

**300mm**

**325mm**

**350mm**

Perfect for securing timber battens, trunking, track, and general components into concrete and masonry.

The longer lengths in this range offer increased holding strength, making them ideal for thicker materials and deeper fixings.

### SLOTTED HEAD SELF TAPPING MASONRY SCREW

#### RANGE

PRODUCT CODE	BOX QUANTITY
MSHH6.3-200-516	50
MSHH6.3-230-516	50
MSHH6.3-254-516	50
<b>8.0 DIAMETER HEAD</b>	
MSHH8.0-275-516	50
MSHH8.0-300-516	50
MSHH8.0-325-516	50
MSHH8.0-350-516	50

6.3 diameter head  
upto **254mm**

8.0 diameter head  
upto **350mm**

**MASONRY**

## MULTI-FIX

**LENGTHS  
AVAILABLE :**

**200mm**

**225mm**

**250mm**

**275mm**

**300mm**

**350mm**

ETA APPROVED



The ultimate solution for fixing timber battens, trunking, track, and general components into concrete, masonry, and timber.

Made from A4-grade stainless steel, they offer exceptional corrosion resistance, making them ideal for harsh environments. Their self-tapping design eliminates the need for plugs, ensuring a quick and efficient installation.

With extended length options available, they provide a secure and reliable hold for deeper or more demanding fixings, reducing the need for alternative anchoring methods.

### A4 GRADE BI-METAL MASONRY SCREW

#### RANGE

PRODUCT CODE	BOX QUANTITY
A4HH6.3-200-GP	100
A4HH6.3-225-GP	100
A4HH6.3-250-GP	100

#### 8.0 DIAMETER HEAD

A4HH8.0-275-GP	50
A4HH8.0-300-GP	50
A4HH8.0-350-GP	50

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MASONRY

## CONCRETE INSULATION

25mm diameter head  
made of UV-stabilised  
nylon for enhanced  
durability.

LENGTHS  
AVAILABLE :

**175mm**  
**200mm**  
**250mm**

CONCRETE  
INSULATION SCREW

### RANGE

PRODUCT CODE	BOX QUANTITY
ICS175	50
ICS200	50
ICS250	50



**INSULATION**

# INSULATION FASTENERS

Large-diameter domed head (with Torx 30 female recess) allows rapid installation using standard non-impacting screwdrivers and non-impact drive bits and provides for exceptional pull-over resistance of fixture materials

**LENGTHS AVAILABLE :**

**200mm**

**225mm**

**250mm**

Our Heavy-Duty Roofing Screws are designed for securely fixing insulation and single-ply membranes to plywood, timber, steel, and even concrete.

Their extended length accommodates thick insulation layers, ensuring a strong and stable hold.

With a self-drilling or self-tapping design, they offer quick and efficient installation across various substrates.

## HEAVY DUTY ROOFING SCREW

### RANGE

PRODUCT CODE	BOX QUANTITY
ERS200	50
ERS225	50
ERS250	50

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**INSULATION**

# INSULATION ANCHORS

Large-diameter head  
provides resistance to  
insulation pull-over.

**LENGTHS  
AVAILABLE :**

**170mm  
200mm**

For securely fixing rigid insulation boards and mineral wool insulation to blockwork, brickwork, or concrete substrates.

Designed for use in C1 and C2 corrosion environments, they provide superior durability and resistance to rust, ensuring long-term performance in challenging conditions.

Their extended length allows for the secure installation of thick insulation layers, while their strong anchoring design ensures excellent holding power, making them a reliable choice for both residential and commercial insulation applications.

## GALVANISED INSULATION ANCHORS

### RANGE

PRODUCT CODE	BOX QUANTITY
A2GIA170	50
A2GIA200	50



**INSULATION**

## SELF-DRILLING

**LENGTHS  
AVAILABLE:**

**160mm**  
**170mm**  
**180mm**  
**190mm**  
**200mm**  
**220mm**  
**240mm**  
**260mm**  
**280mm**  
**300mm**



Our Self-Drilling Insulation Screws provide a fast and secure method for fixing insulation to steel and timber purlins. Their extended length ensures a firm hold across various insulation thicknesses, while the self-drilling design allows for quick, hassle-free installation without pre-drilling

### EVOSHIELD COATED PHILIPS INSULATION SCREW

#### RANGE

PRODUCT CODE	BOX QUANTITY
IS160	100
IS170	100
IS180	100
IS190	100
IS200	100
IS220	100
IS240	100
IS260	100
IS280	100
IS300	100

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**INSULATION**

## SELF-DRILLING

**LENGTHS  
AVAILABLE:**

**160mm**

**180mm**

**200mm**

**220mm**

**240mm**

**260mm**

**280mm**

**300mm**

**360mm**

For projects requiring corrosion resistance or where dissimilar metals are used, our A4 Bi-Metal Self-Drilling Insulation Screws are the ideal solution. Combining the strength of hardened drilling tips with the corrosion resistance of stainless steel, they prevent galvanic corrosion and ensure a secure, lasting fix in demanding environments.

### A4 BI-METAL PHILIPS INSULATION SCREW

#### RANGE

PRODUCT CODE	BOX QUANTITY
A4IS160	100
A4IS180	100
A4IS200	100
A4IS220	100
A4IS240	100
A4IS260	100
A4IS280	100
A4IS300	100
A4IS360	50



WOODMASTER®

## DECKING SCREWS

LENGTHS  
AVAILABLE:


200mm

250mm

300mm

350mm

400mm



Our long-length Woodmaster decking screws provide a stronger, more secure hold for timber-to-timber applications, reducing the need for multiple fixings.

Their extended length ensures deeper penetration for lasting stability, while the optimised thread design enhances grip and pull-out resistance.

### WOODMASTER® STRUCTURAL DECKING SCREWS

#### RANGE

PRODUCT CODE	BOX QUANTITY
SDSFHC200	50
SDSFHC250	50
SDSFHC300	50
SDSFHC350	50
SDSFHC400	50

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**WOODMASTER<sup>®</sup>**

## WOODSCREWS

**LENGTHS  
AVAILABLE:**

**200mm**

**220mm**

**240mm**

**260mm**

**280mm**

**300mm**



Our Big Beam Truss Wood Screws are designed for heavy-duty timber connections, offering superior

strength and load-bearing capacity. Their extended length ensures deep penetration for maximum stability, reducing the need for additional fixings.

**BIG BEAM<sup>®</sup>  
WOODSCREWS**

### RANGE

PRODUCT CODE	BOX QUANTITY
BB8200	50
BB8220	50
BB8240	50
BB8260	50
BB8280	50
BB8300	50

**DRYWALL**

## COARSE THREAD

**LENGTHS  
AVAILABLE:**

**150mm**

**160mm**

**170mm**

### Coarse Thread:

Our long-length coarse thread drywall screws provide enhanced grip and holding power when fixing plasterboard to timber frameworks.

The extra length allows for secure fastening through multiple layers of board or into deeper timber structures, reducing the need for additional fixings. With aggressive threads designed for a firm hold, they minimise movement and increase structural integrity, making them ideal for demanding installations

### BLACK PHOSPHATE

#### RANGE

PRODUCT CODE	BOX QUANTITY
DWSC150	200
DWSC160	200
DWSC170	200



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**DRYWALL**

## FINE THREAD

**LENGTHS  
AVAILABLE:**

**150mm  
170mm**

### Fine Thread:

Our long-length fine thread drywall screws offer superior pull-out resistance when fixing plasterboard to light gauge steel frameworks.

Their extended length ensures a strong, secure connection, particularly in double-layered board applications or where deeper penetration is required. The fine threads provide excellent grip in metal studs, reducing the risk of loosening over time, while the sharp point allows for quick and effortless installation.

## BLACK PHOSPHATE







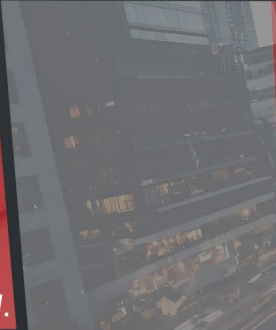










### RANGE

PRODUCT CODE	BOX QUANTITY
DWSP150	200
DWSP170	200



# CORROSION CATEGORIES

While all warranties provided by Evolution Fasteners are done so on a case-by case basis after submission of an assessment to our Technical Department, generally the largest factor is the corrosivity category which details the level of exposure and environment type the fasteners will have to face for their design lives. These corrosivity categories, as well as the recommended steel grade to be used in their respective applications:

 <b>G1</b> VERY LOW	<b>INTERNAL</b> Clean, heated residential rooms without moisture.	 GRADE REQUIRED: EDZ4	
 <b>G2</b> LOW	<b>INTERNAL</b> Rooms where condensation can occur.		<b>EXTERNAL</b> Rural areas with low pollution.  GRADE REQUIRED: EvoShield® 500
 <b>G3</b> MEDIUM	<b>INTERNAL</b> Production rooms with some humidity.		<b>EXTERNAL</b> Urban areas with moderate pollution.  GRADE REQUIRED: A2-70
 <b>G4</b> HIGH	<b>INTERNAL</b> Chemical plants, breweries, etc		<b>EXTERNAL</b> Urban areas with moderate salinity (1,000 - 2,000m from salt water source).  GRADE REQUIRED: A4-50
 <b>G4</b> HIGH	<b>INTERNAL</b> Buildings with permanent condensation and high pollution.		<b>EXTERNAL</b> Coastal areas (≤ 1,000m from salt water source).  GRADE REQUIRED: A4-50
 <b>GX</b> EXTREME	<b>INTERNAL</b> Exceptionally aggressive environments (swimming pools, etc)		<b>EXTERNAL</b> Offshore  GRADE REQUIRED: A8-70



**DON'T** RISK YOUR  
WARRANTY.

**evolution**  
www.evofas.com  
FASTENER SOLUTIONS

**DON'T** USE AN  
IMPACT DRIVER  
WHEN FIXING EVOLUTION SCREWS.

THE  
REPETITIVE IMPACTING FORCES  
OF IMPACT AND HAMMER  
TOOLS WILL LEAD TO A LOSS  
OF DRILLING PERFORMANCE OR FAILURE.

FOR FURTHER INFORMATION  
CONTACT US AT:

T: +44 (0)141 647 7100  
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technical@evofas.com

REDUCED SELF-DRILLING  
AND TAPPING CAPACITY.

STRIPPING OF RECESSES AND  
MOULDED/PAINTED HEADS.

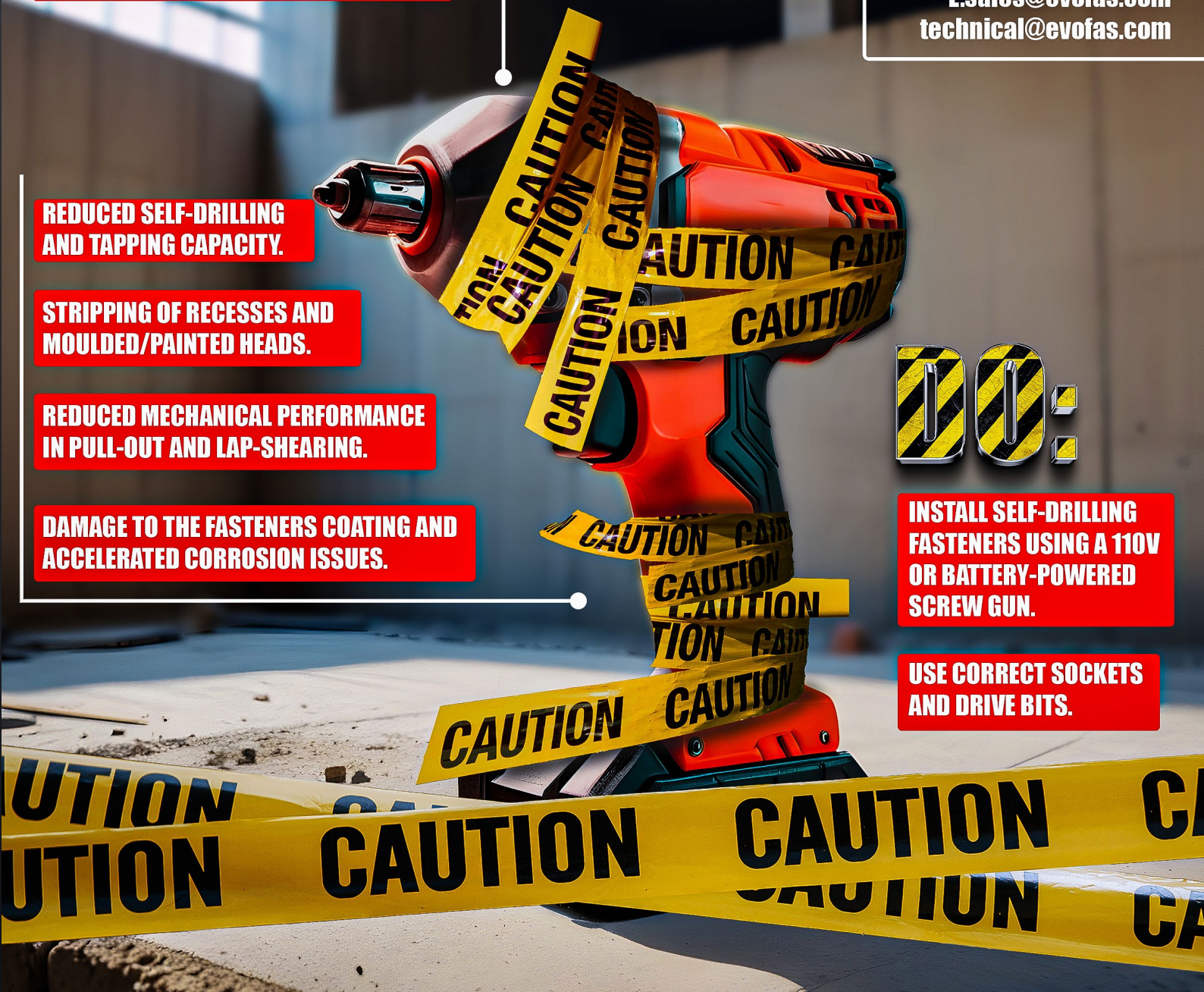
REDUCED MECHANICAL PERFORMANCE  
IN PULL-OUT AND LAP-SHEARING.

DAMAGE TO THE FASTENERS COATING AND  
ACCELERATED CORROSION ISSUES.

**DO:**

INSTALL SELF-DRILLING  
FASTENERS USING A 110V  
OR BATTERY-POWERED  
SCREW GUN.

USE CORRECT SOCKETS  
AND DRIVE BITS.







## HOW TO ORDER

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