



the Double Award Winning

Excalibur®
SCREWBOLTS

Rail Industry Specialist Supplier

**A proven, easy-to-install, high performance
and stress-free fixing**

**Saving our customers time and
money whilst improving
workforce welfare**

the Original threaded anchor

Image above: Excalibur HSB 20x300mm Screwbolt fixing slipper runs to sleepers



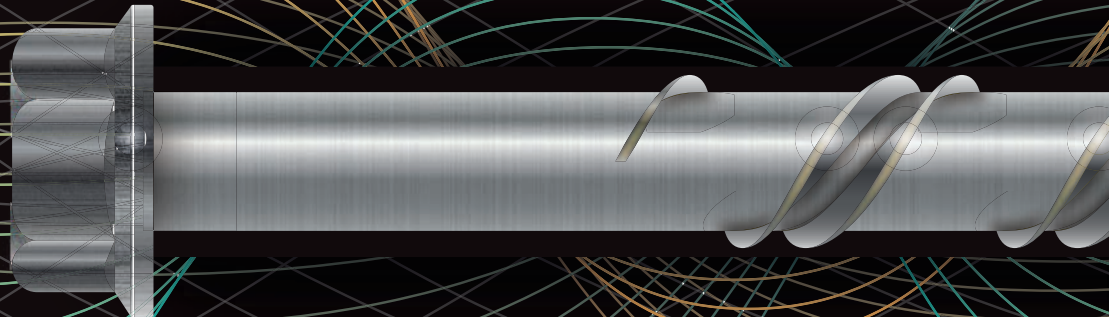
the
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Winning

Excalibur®

SCREWBOLTS



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION
2009 & 2016



*Quick and easy
to install*

Innovative Design
TIGHTENS UNDER VIBRATION

Rail track applications include:

1 Excalibur HSB 20x163mm Sleeper Screwbolt to fix standard baseplates to timber/plastic sleepers or bearers

NETWORK RAIL CAT NO: 057/150419 & 057/150420 (H/T)

LUL PART NO: 915P6

2 Excalibur HSB 16x150mm Screwbolt to fix Pan 8 baseplates to timber sleepers NETWORK RAIL CAT NO: 057/012739

3 Excalibur HSB 20x256mm Screwbolt & Excalibur internal threaded ferrules to fix two level baseplates to timber sleepers
NETWORK RAIL CAT NO: 057/150421

4 Excalibur HSB 12x80x17mm Screwbolt for fixing insulator pots to sleepers LUL PART NO: 915P3

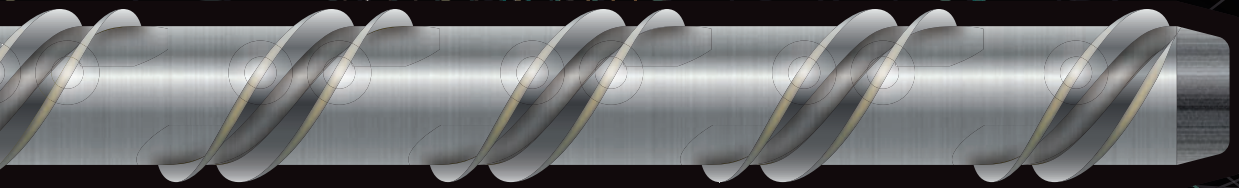
5 Excalibur HSB 6x30mm Screwbolt for fixing cable clips
NETWORK RAIL CAT NO: 057/150005



Charles Bickford and his wife receive
Excalibur's first Queen's Award in 2009



John Stevens and Jim Clement receive
the company's second award in 2016



*Immediate high
load capacity*

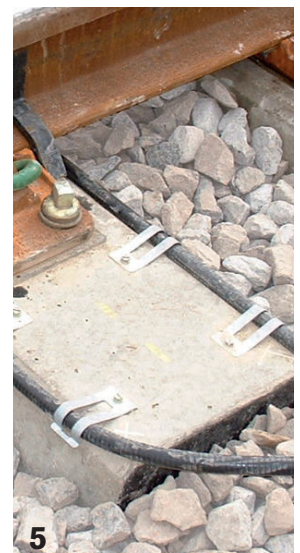
*Non expansive
for close to edge fixing*

High Performance
SAVES TIME & MONEY

Super Strength
INDUSTRY FIRST

HSB20/300

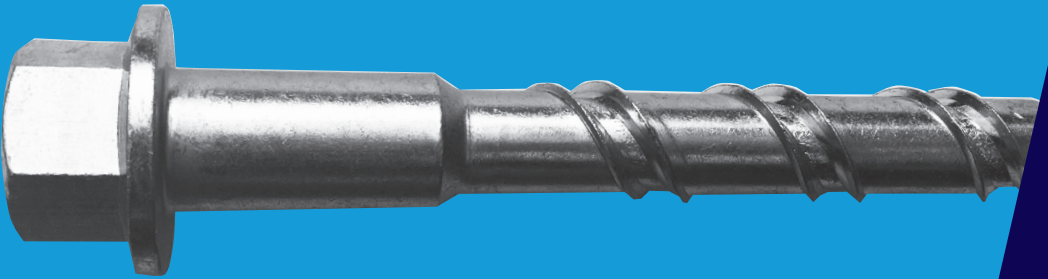
*Supports 25 tonnes ultimate tensile load
in 25 Nm² concrete*



BESPOKE SOLUTIONS FOR MUTUAL BENEFIT

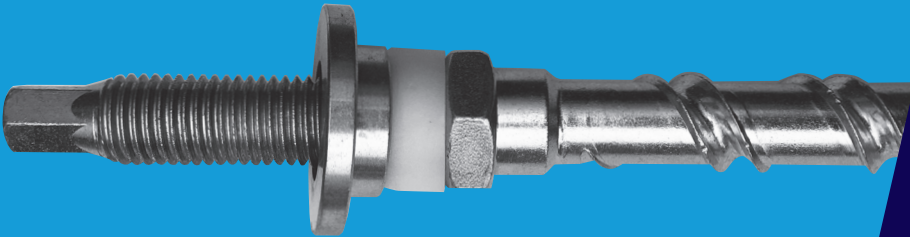
Excalibur Sleeper Bolt

A Network Rail and London Underground led initiative to produce a specially designed Excalibur Screwbolt. Resulting in an easier to install and more reliable solution for fixing standard rail baseplates into timber or plastic sleepers/bearers – using standard rail ferrules.



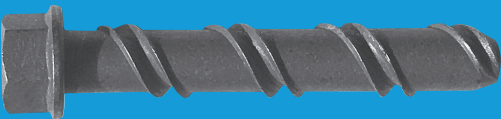
Excalibur Actuator Stud Bolt

A collaboration process with Alstom and their client Network Rail to provide a bespoke Excalibur Stud Bolt and component fixing set, suitable for securing their new generation of point actuator motors to concrete bearers.



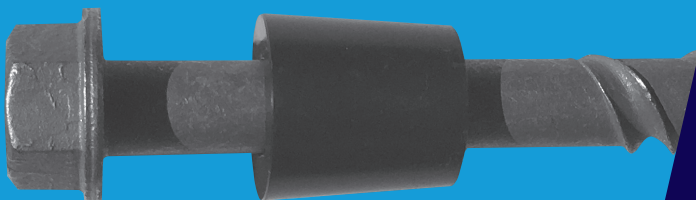
Excalibur Insulator Pot Bolt

Working with London Underground to provide a special 12x80mm Excalibur Screwbolt with modified Hex Head drive to deliver increased speed of installation, greater productivity and fixing durability on the underground system.



Excalibur Internally Threaded Rail Ferrule

Designed for use with Excalibur's standard 20mm Hex Head Screwbolts. Various Network Rail and London Underground applications.



Excalibur Screwbolts innovative, vibration resistant twin helix thread design makes them a safe, reliable, easy to install and cost-effective fixing solution for a wide variety of rail industry applications either on track or in construction.

Being a one-piece anchor Excalibur Screwbolts are exceptionally strong in both tensile and shear loadings.

The proven and patented Excalibur twin helix thread design gives an immediate high load capacity in all major building materials including concrete, brick, timber, and plastic for ultimate versatility.

Rail Trackside

For installation of sleeper baseplates, signalling systems, insulator pots, cable clips, slipper runs and much more.

STRESS- FREE FIXING:

- will not over stress or damage the substrate

LOWER WHOLE LIFE-COSTS:

- fast and easy direct fixing which offers improved reliability, productivity, and workforce welfare
- Benefits include reduced HAVS, manual handling, COSSH and operator fatigue

Rail Civil Engineering inc. Tunnelling

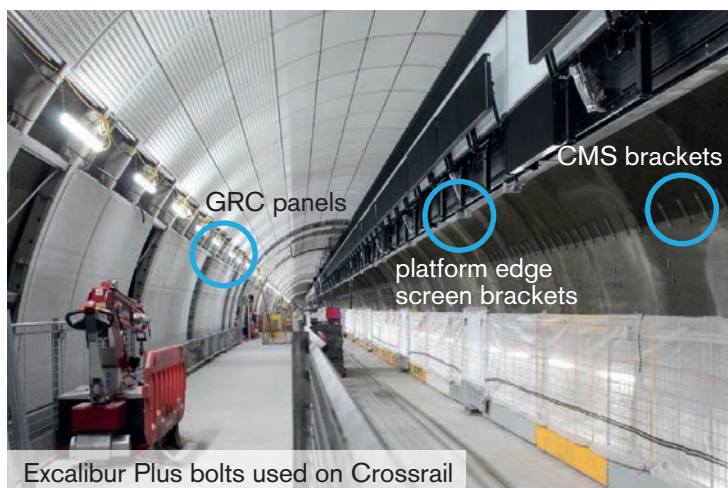
A high strength anchor for all service applications in the civil engineering/tunnelling environment, either permanent or temporary.

Our high corrosion resistant Excalibur Plus Bolt was designed in collaboration with Crossrail engineers to satisfy their demanding 120-year design life and is a cost-effective alternative to stainless steel fixings in certain applications.

Temporary Works

Not only are Excalibur Screwbolts easy to fix they are also easy to remove, making them an ideal anchor for all types of temporary works including scaffolding, shuttering, concrete pumping pipe work and edge protection.

**High Performance.
Ultra Strong.
British Designed.
British Manufactured.**



Excalibur Plus bolts used on Crossrail

Excalibur[®]
SCREWBOLTS

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Trusted in major rail infrastructure + civil engineering applications worldwide



Excalibur Screwbolts used in the Gotthard Tunnel



London Section Sponsor