

This website uses cookies. By continuing to browse the site you are agreeing to our use of cookies. [More Information](#) [Accept](#)

- [Company](#)
- [Training](#)
- [Greenkote®](#)

info@tcbolts.com +44 (0) 1978 661122



TENSION CONTROL BOLTS

PTESFREN

- [HOME](#)
- [PRODUCTS](#)
- [INDUSTRIES](#)
- [DOWNLOADS](#)
- [PROJECTS](#)
- [INSTALLATION](#)
- [QUALITY](#)
- [NEWS](#)
- [CONTACT](#)
-

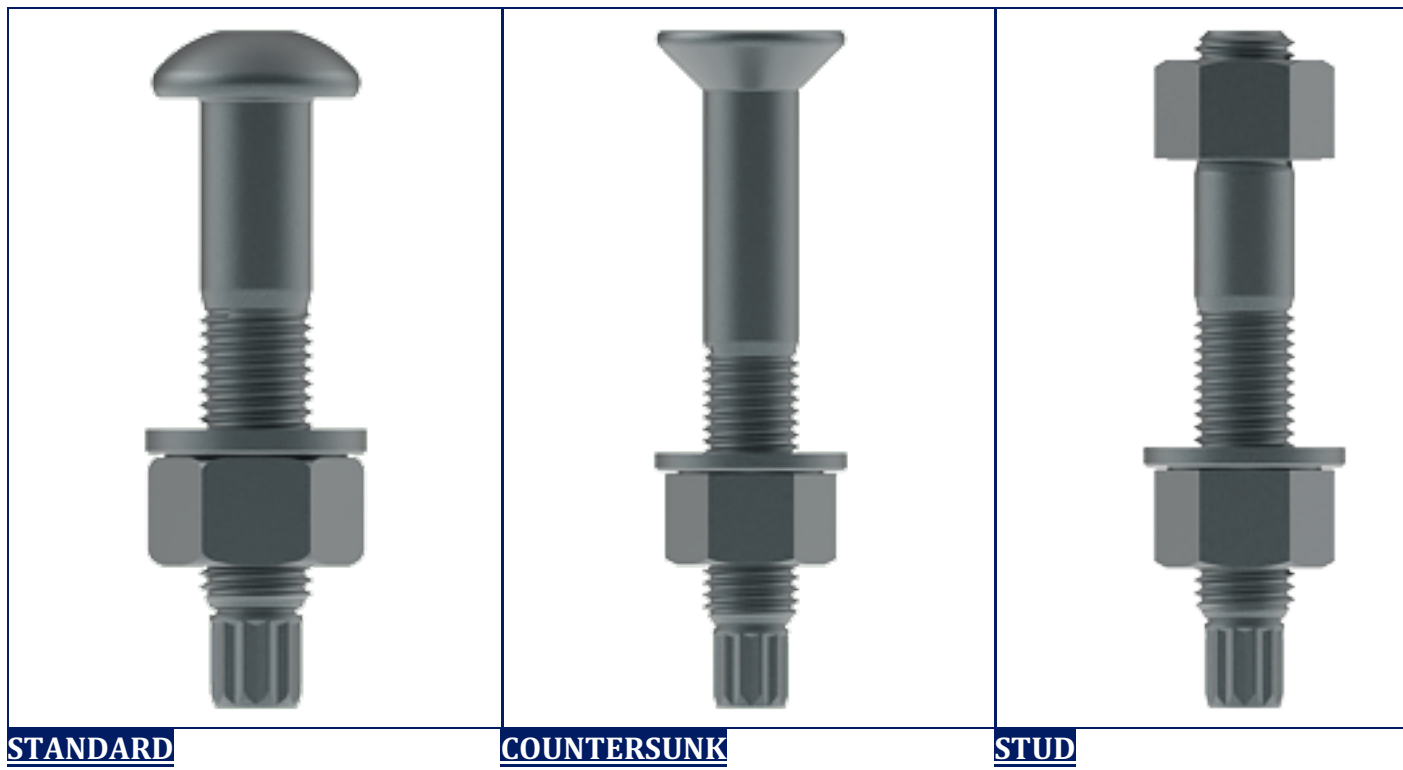
1. [Home](#)
2. [Products](#)

Products

Tension Control Bolts and the innovative Shear Wrench system are the lowest cost method for installing preloaded or High Strength Friction Grip (HSFG) bolts.

TCBs as they are commonly known throughout the world, are replacing conventional high strength friction grip bolts and swaged collar rivets simply because they are quick and easy to install using lightweight electric shear wrenches. Guaranteed tension together with visual inspection removes the likelihood of operator error and ensures engineers that connections are tightened in accordance with specifications.

Our System HRC structural bolting assemblies are used in a wide range of applications, from bridge splice plates to beam-to-column connections, from stadia roof trusses to rail switches and crossings. The combination of a TCBs superior tensile strength and phenomenal ductility result in a truly universal bolt that can be employed in almost all steelwork connections.



- **PRODUCTS**
 - **Standard**
 - **Countersunk**
 - **Stud**
 - **Weathering**
 - **Tubolt**
 - **Shear Wrenches**

VISIT TCB

TCB welcome visits
from customers,
main contractors
and consulting
engineers



Greenkote® anti-corrosion protection

Tension Control Bolts Ltd has its own metal coating plant producing an environmentally friendly anti-corrosion coating called Greenkote, which is comparable to galvanising, although it is harder wearing and readily accepts all paint systems. **Learn more about Greenkote.**

Greenkote®



Industries This websites use cookies. By continuing to browse the site you are agreeing to our use of cookies. [More Information](#) [Accept](#)

- [Company](#)
- [Training](#)
- [Greenkote®](#)

info@tcbolts.com+44 (0) 1978 661122



TENSION CONTROL BOLTS

PTESFREN

- [HOME](#)
- [PRODUCTS](#)
- [INDUSTRIES](#)
- [DOWNLOADS](#)
- [PROJECTS](#)
- [INSTALLATION](#)
- [QUALITY](#)
- [NEWS](#)
- [CONTACT](#)
-

1. [Home](#)
2. [Company](#)

Tension Control Bolts

Tension Control Bolts Ltd has been operating for some fifty years although it was originally involved in the manufacture of standard bolting. TCB's were a British concept but found popularity first in the Far East and then the USA. The bolt has now established a firm foothold in the construction Industry throughout Europe and has virtually replaced the original standard high strength friction grip bolts and nuts due mainly to its speed of installation and quality advantages.



When Tension Control Bolts Ltd pioneered the [Greenkote®](#) coating system it was probably the most significant moment in the company's history. With anticorrosion being high on the engineers list of priorities, Greenkote, with its natural advantages, instantly revolutionised the coating of threaded fasteners and more importantly, guaranteed the complete absence of any form of Hydrogen embrittlement in high strength bolts.

Today, tension control bolts are used almost exclusively around the world in the construction of Steel Bridges, High Rise Building Structures and Stadia, and are the first choice for engineers who demand the highest standards of bolting integrity.



Tension Control Bolts Ltd are proud sponsors of [Steel for Life](#).

Greenkote® anti-corrosion protection

Tension Control Bolts Ltd has its own metal coating plant producing an environmentally friendly anti-corrosion coating called Greenkote, which is comparable to galvanising, although it is harder wearing and readily accepts all paint systems. **Learn more about Greenkote.**





© Tension Control Bolts Ltd 2024

- [Legals](#)
- [Privacy Policy](#)
- [Sitemap](#)
- [Cookies](#)
- [HSE](#)

Website by [Clickingmad](#)



© Tension Control Bolts Ltd 2024

- [Legals](#)
- [Privacy Policy](#)
- [Sitemap](#)
- [Cookies](#)
- [HSE](#)

Website by [Clickingmad](#)

This website uses cookies. By continuing to browse the site you are agreeing to our use of cookies. [More Information](#) [Accept](#)

- [Company](#)
- [Training](#)
- [Greenkote®](#)

info@tcbolts.com+44 (0) 1978 661122



TENSION CONTROL BOLTS

PTESFREN

- [HOME](#)
- [PRODUCTS](#)
- [INDUSTRIES](#)
- [DOWNLOADS](#)
- [PROJECTS](#)
- [INSTALLATION](#)
- [QUALITY](#)
- [NEWS](#)
- [CONTACT](#)
-

1. [Home](#)
2. [Industries](#)

Industries

Tension Control Bolts Ltd supply almost every sector of the construction market globally. The combination of a TCBs superior tensile strength together with phenomenal ductility result in a truly universal bolt that can be employed in almost all steelwork connections. Whereas road and rail transportation led the way, now stadia, high rise and wind energy sectors are increasingly aligned to TCB usage.



HIGHWAYS



RAIL



CONSTRUCTION

If you are contemplating specifying TCBs, we would welcome [direct contact](#), whatever your industry, so we can support your project success.

- **INDUSTRIES**

- Highways
 - Rail
 - Construction
 - Power
 - Transportation
 - Wind Energy
 - Marine
 - Tunneling
-

VISIT TCB

TCB welcome visits
from customers,
main contractors
and consulting
engineers



VISIT TCB

Greenkote® anti-corrosion protection

Tension Control Bolts Ltd has its own metal coating plant producing an environmentally friendly anti-corrosion coating called Greenkote, which is comparable to galvanising, although it is harder wearing and readily accepts all paint systems. **Learn more about Greenkote.**



© Tension Control Bolts Ltd 2024

- [Legals](#)
- [Privacy Policy](#)
- [Sitemap](#)
- [Cookies](#)
- [HSE](#)

Website by [Clickingmad](#)