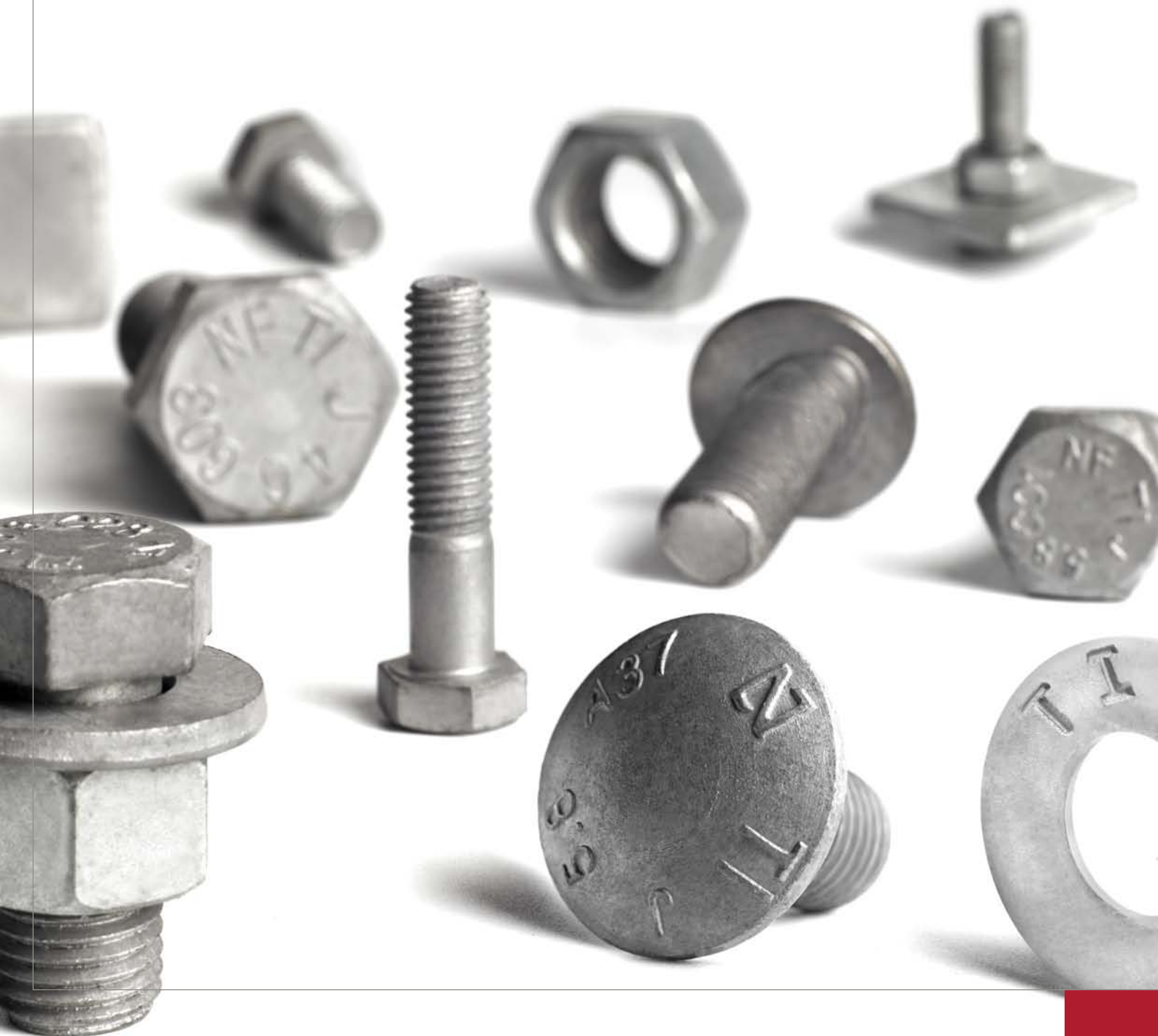




FIXINGS FOR ROADS AND SIGNPOSTING

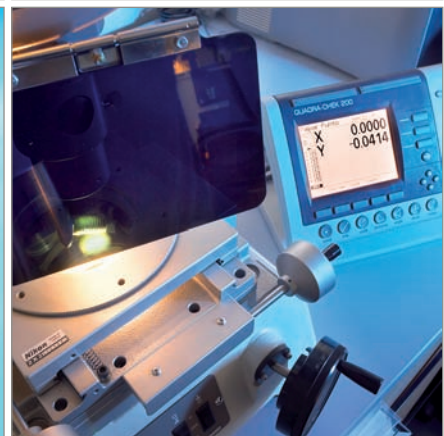
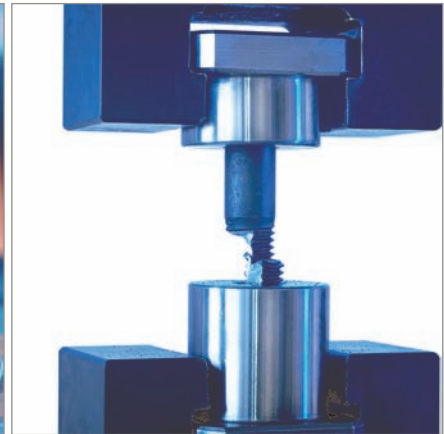
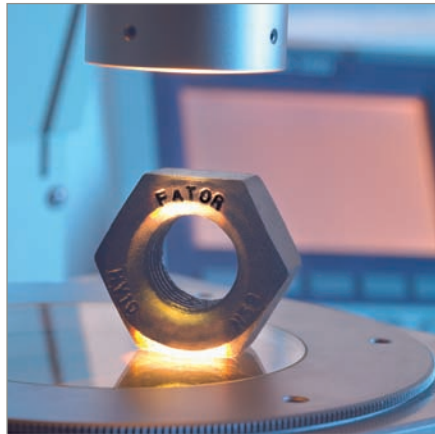


TORNILLERÍA INDUSTRIAL

founded in 1979, specialises in meeting the needs of a very diverse range of industrial sectors in both the Spanish and international markets, offering an extensive range of general and specialized fasteners.

We are a global reference as a supplier of nuts, bolts, washers and high resistance special fasteners.

The quality of our products and management of our working system allows us to offer a reliable and efficient service that guarantees client satisfaction.



Our modern robotized warehouse for close to 7.000 pallets allow us to co-ordinate stock averaging some 6.000 tons of products.

Our powerful computerised stock control system guaranteed rapid response and dispatch of all our customer's orders.

LABORATORY

The endeavours of Fator, to deliver excellent product quality, does not stop with the extensive manufacture process controls, and quality tests at the manufacturing plants, but reensures the certified quality of its' products, and the mechanical specifications, in our own inhouse laboratory, in order to comply 100% with the necessary standards, retesting all incoming material issuing final certification. All Fator products carry traceability codes, to be able to trace its' complete manufacturing process,

from raw material, to finished product.

We also realize customized product tests, as for example, fatigue tests, failure analyses, impact tests, bending and wedge tests, etc, on any single or assembled product. Our quality team supports customers with technical guidance, in reference to, material testing, steel types, assemblies or applicable standards advise.

Our laboratory is equipped with the following testing means:

Tensile test machine, traction and compression force 600kN. Video extensometer, used during tensile test to calculate the yield strength and elongation.

Sparking equipment for chemical composition analyses, for carbon and stainless steel.

Hardness tester Hrc-Hrb. Profile proyector for dimensional control.

Metalographical cutting machine for sampling.

Magnetical coating thickness measuring device.

Go-no go gauges for dimensional control.



PRODUCTS

We are a professional manufacturer and distributor of fasteners for roads and traffic signalisation, leader in the Spanish market and Europe.

We specialize in fasteners for:

- Guard rails.
- Systems for motorcyclists protection.
- Traffic signs.
- Bridge Handrails.
- Restraining systems.



railing eye bolt

square washer

fuse bolt

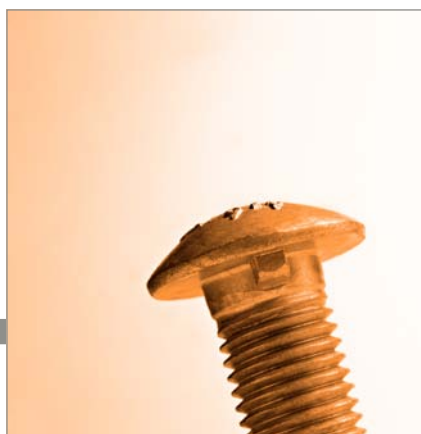
special items

washer

CERTIFICATIONS

AFNOR "NF" certification for metal guard rails equipment, according to norm NF P98-412.

AENOR "N" certification for metal guard rails equipment, according to norm UNE 135222.



square neck bolt plate

We develop new products in cooperation with our costumers and prestigious engineering companies.



Our fasteners are part of the metal structures that compose infrastructure (beaconing, vertical signposting, guardrails, etc...)



We cooperate in the realisation of infrastructure projects with the mayor construction companies in Europe, and we are expanding globally.



rectangular washer



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