



# Bulfer

*for road safety*



# **BULFER – SINCE 1994**

## **TECHNICAL COMPONENTS FOR ROAD SAFETY**

For over thirty years, Bulfer has been synonymous with reliability in the production of fasteners and threaded rods for road infrastructure. Born in 1994, the company has grown to become a strategic partner for all operators in the highway world, thanks to a combination of expertise, quality of materials, and speed of reaction.

We develop fastening solutions designed to last, conceived to guarantee safety and continuity to road works:

- Fasteners for guardrail barriers**
- Fixing systems for New Jersey barriers**
- Screws for crash cushions**
- Components for emergency middle gates**
- Anchors for noise-reduction panels**

From large highway contracts to road maintenance operations, Bulfer fasteners are wherever durability, precision, and quick turnaround times are needed. Trust those who have been making our roads safer for thirty years.



# Certifications and Quality Control

We strongly believe in quality, transparency, and compliance with the highest European standards.

For this reason, over the years we have worked with commitment to obtain certifications that today represent a guarantee for our customers and partners.

We have adopted a Quality Management System compliant with the standard **UNI EN ISO 9001:2015**. This certification witnesses our commitment in the following areas:

- Marketing of fasteners and fixing systems;
- Management of technical heat and surface treatment processes;
- Supervision of mechanical working on customer's demand.

We produce structural components in accordance with Regulation UE 305/2011 (CPR) and standard **EN 1090-1**, up to execution class EXC4 – the highest for steel structural works.

Our certifications allow us to apply the **CE Marking** to our structural products and to operate in full compliance with the requirements for Factory Production Control (FPC).



# BULFER PRODUCT

## Guardrail Bolts



**Guardrail Screws with Oval Neck**  
M10x35/40/45  
from M16x25 to M16x160  
Cl. 4.6 - 5.6 - 5.8 - 6.8 - 8.8 - 10.9  
**HDG** - Yellow Zinc Plated



**Guardrail Screws with Hexagonal Socket**  
from M16x25 to M16x140  
Cl. 8.8  
**HDG** - Yellow Zinc Plated



**Guardrail Screws with Nib**  
from M16x27 to M16x65  
Cl. 4.6 - 6.8 - 8.8  
**HDG** - Yellow Zinc Plated



**Guardrail Screws with Hexagonal Panhead**  
from M16x30 to M16 x160  
from M12x35 to M12 x70  
Cl. 8.8 - 10.9  
**HDG** - Yellow Zinc Plated

## Tie Rods



**Threaded Rods DIN 975**  
1 - 2 - 3 MT  
from M6 to M60  
C40 - Cl. 4.8 - 8.8 - B7 - Stainless Steel  
**HDG** - Zinc Plated - Plain



**Tailor-sized Threaded Rods or Studs**  
**Made by Rolling**  
C40 - Cl. 4.8 - 8.8 - B7 - Stainless Steel  
**HDG** - Zinc Plated - Plain



**Partially Threaded Studs**  
**Made by Turning on full diameter**  
S235, S275, S355 - JR, JØ, J2  
**HDG** - Zinc Plated - Plain



**Threaded Rods 45° Cut**  
C40 - Cl. 4.8 - 8.8 - B7 - Stainless Steel  
**HDG** - Zinc Plated - Plain



## Special Anchors



**“Liebig-style” Anchors**  
M16 - M20  
Cl. 8.8  
**HDG**



**MAGGY Anchor (patented)**  
M20  
Cl. 8.8 - 10.9  
**HDG**



**J-shape Threaded Rods (Hook bolts)**  
C40 - Cl. 4.8 - 8.8 - B7 - Stainless Steel  
**HDG** - Zinc Plated - Plain



**U-Bolts / Square U-bolts**  
**Made by Rolling or Turning**  
S235, S275, S355 - JR, JØ, J2  
C40 - 8.8 - 10.9 - B7 - Stainless Steel  
**HDG** - Zinc Plated - Plain



**Custom bent tie rods**  
Cl. 8.8  
S235, S275, S355 - JR, JØ, J2  
**HDG** - Zinc Plated - Plain



## Structural Bolting



**Structural bolting EN 14399**  
from M12 to M36  
Cl. 10.9  
**HDG** - Plain



**Structural bolting EN 15048**  
Kit Screws ISO 4014/4017+  
Nuts ISO 4032  
from M10 to M36 Cl. 8.8  
**HDG** - Zinc Plated



## Fixing



**Special Nails**  
From Ø 24 x 340 to Ø 24x900  
Round Head Pins with neck  
S235, S355 - JR, JØ, J2  
**HDG** - unthreaded w/arrow or 45° end

# BULFER PRODUCT

## Standard Screws



**Cup Head Square Neck Bolts**  
DIN 603 - ISO 8677  
Cl. 4.6 - 4.8 - 8.8 - Stainless Steel  
**HDG** - Zinc Plated - Plain



**Hexagon Flange Bolts**  
DIN 6921 - ISO 1655  
Cl. 8.8  
**HDG** - Zinc Plated



**Hexagon Head Screws Partially Threaded**  
DIN 931 - ISO 4014  
Cl. 8.8 - 10.9 - Stainless Steel  
**HDG** - Zinc Plated - Plain



**Hexagon Head Screws Fully Threaded**  
DIN 933 - ISO 4017  
Cl. 8.8 - 10.9 - Stainless Steel  
**HDG** - Zinc Plated - Plain



**Hexagon Socket Button Head Screws**  
ISO 7380  
Cl. 6.8 - 8.8 - 10.9  
**HDG** - Zinc Plated



**Hexagon Socket Cap Head Screws**  
DIN 912 - ISO 4762  
Cl. 8.8 - 10.9 - 12.9  
Zinc Plated - Plain



**Hexagon Socket Countersunk Head Screws**  
DIN 7991 - ISO 10642  
Cl. 8.8 - 10.9  
**HDG** - Zinc Plated - Plain



**Square Head Screws**  
UNI 5726  
Cl. 4.8 - 8.8 - Stainless Steel  
**HDG** - Zinc Plated - Plain

## Plates



### Tailor-Made Plates

S235, S275, S355 - JR, JØ , J2  
**HDG** - Zinc Plated - Plain



### Foundation Plates

S235, S275, S355 - JR, JØ , J2  
**HDG** - Zinc Plated - Plain



### Plates with Custom Hole Oval hole - drop hole

S235, S275, S355 - JR, JØ, J2  
**HDG**

## Washers



### Plain Washers

DIN 125 - ISO 7089 - ISO 7091  
100HV - 200HV - 300HV - Stainless Steel  
**HDG** - Zinc Plated - Plain - Zinc Flake



### Plain Large Washers

DIN 9021 - ISO 7093  
100 HV - 200 HV - Stainless Steel  
**HDG** - Zinc Plated - Plain - Zinc Flake



### Structural High-Strength Washers

DIN 6916 - EN 14399 - 6  
300 HV  
**HDG** - Zinc Plated - Plain



### Drawing-based Washers

S235, S275, S355 - JR, JØ, J2  
**HDG** - Zinc Plated - Plain



### Spring Washers

DIN 127  
**HDG** - Zinc Plated - Plain

# BULFER PRODUCT

## Nuts



### Standard Nuts

DIN 934 - ISO 4032  
Cl. 5 - 6S - 8 - 10 - Stainless Steel  
**HDG** oversized/isofit – Zinc Plated – Plain



### Standard High Nuts

UNI 5587 - ISO 4033  
Cl. 6S - 8 - 10 - Stainless Steel  
**HDG** oversized/isofit – Zinc Plated – Plain



### Structural High-Strength nuts

DIN 6915 - EN 14399  
Cl. 10  
**HDG** oversized – Plain



### Nuts in Square Cage

Cl. 5S  
Zinc Plated - Stainless Steel

### Rounded Nuts for Culverts

Cl. 8  
**HDG** Oversized



### Standard Low Nuts

DIN 936 - ISO 4035  
Cl. 04 – 05 – Stainless Steel – 17 H  
**HDG** oversized/isofit – Zinc Plated – Plain



### Flanged nuts

DIN 6923  
Cl. 6S - Stainless Steel  
**HDG** oversized/isofit – Zinc Plated – Plain



### Self-locking Nuts

DIN 982 - DIN 980 - ISO 7040  
Cl. 6S - 8 - 10 - Stainless Steel  
**HDG** oversized – Zinc Plated – Plain



## Other



### Connecting Nuts for Dywidag Tie Rods

Different sizes



### Extension nuts

DIN 6334 and special

### Eye bolts

DIN 580 – DIN 582



### Cotter pins / Split pins

DIN 94 – ISO 1234 and special



Scan and find out more



# All-Round Partner

We are able to offer our Customers a wide range of solutions that cover the entire life cycle of the products

## Heat Treatments

We manage heat treatments such as quenching and tempering on carbon steels, alloy steels, and special alloys, using furnaces with controlled atmospheres.

## Surface Treatments

A large part of our product range is subjected to hot-dip galvanizing in accordance with UNI/EN/ISO 1461, ASTM A153, and EN 10684. We also offer white zinc plating with thicknesses of 5, 8, and 12 microns, Tropical high-resistance passivation, zinc flake coatings, and further treatments upon customer request.

## Mechanical Machining

We perform operations such as customized marking, thread oversizing for nuts, thread downsizing of screws, drilling, turning, thread restoring, slotting, bending, and welding.

## Services

Bulfer is able to offer a complete service: consulting, design support, scheduled order management, product certification, personalized packaging, and transport. We are a team of experts ready to satisfy every need.





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