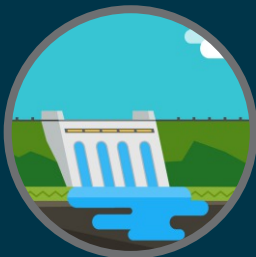


# High Tensile Fasteners

For Industrial Applications



Wind Energy



Hydro Energy



Railway



Infrastructure



Electrical

## About Gala

Gala is Asia's largest manufacturer of Disc Springs.

Three decades of rich experience forms our backbone in keeping up-to-date with latest technology to design and manufacture high performance Disc springs & Fasteners. We serve global OEMs in various industry segments such as Wind turbines, Railway, Infrastructure, Hydro power plants, Electrical, Automotive etc. from our IATF 16949:2016 certified manufacturing facilities in India. We have office in Germany and warehouse & office in China.

Exports to Germany, Switzerland, Finland, Italy, Denmark, USA, Singapore, Taiwan, China etc. contributes 60%+ of our sales.

**No.1** Exporter of Springs from India

Over **200 Million** Disc Springs &  
Fasteners manufactured every year

Exports to **25** Countries

Cooperation with **7** Global Research Institutes

Associated with **6** Out of Top 10 Global Fastener Distributors

Products tested & approved by Global **OEMs**

## Our Clientele

<b>ABB</b>	<b>BÖLLHOFF</b>	<b>BOSSARD</b>	<b>BUFAB</b>
<b>DRESSELHAUS</b>	<b>ENERCON</b>	<b>FABORY</b>	<b>(GRAINGER)</b>
<b>GANDINI</b>	<b>INDIAN RAILWAYS</b>	<b>JOHN DEERE</b>	
<b>REYHER</b>	<b>SCHÄFER+PETERS</b>	<b>SIEMENS</b>	
<b>SCHNEIDER</b>	<b>VESTAS</b>	<b>WÜRTH</b>	

## Industrial Applications

Gala offers High tensile heavy Duty fasteners upto M72 & length upto 6 meters with Variety of Coatings & Surface treatment options including Zinc Flake coating, Hot dip galvanizing (HDG), etc.



Wind Energy | Hydro Energy | Railway | Infrastructure | Electrical

## Wind Energy

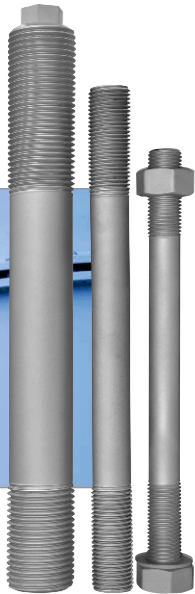
- Blade Studs
- Tower Connections
- Foundation Bolts
- Nacelle Fasteners

### Products offered

High Tensile Studs & Bolts



Tower Connections



Foundation Anchor Studs



Nacelle Fasteners & Blade Studs



## Railways

- Railway & Metro tracks
- Coaches
- Towers
- Overbridges & structures

### Products offered

Fish Bolts, Shear connectors  
High tensile nuts & studs

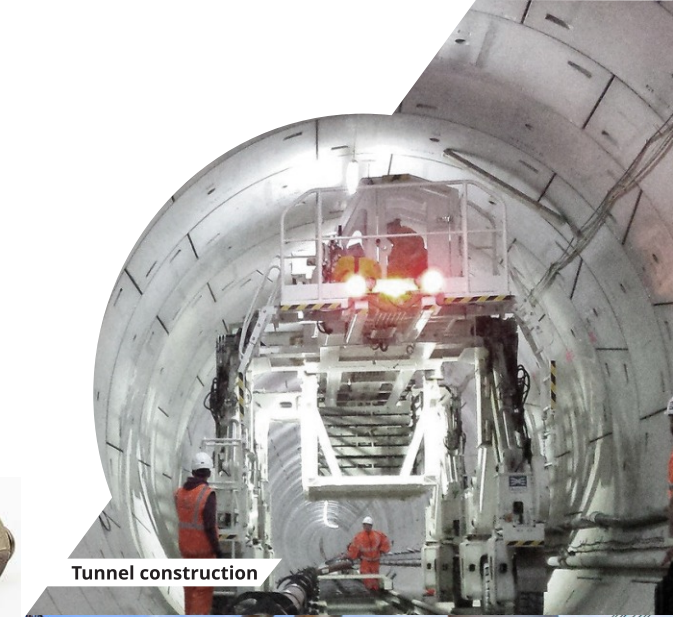


## Infrastructure

- Tunnel constructions
- Mining
- Oil & Gas
- Cranes
- Heavy engineering

### Product offered

Shear connectors  
Stud Bolts  
Threaded rods



## Electrical

- Transmission lines
- Towers
- Structures
- Transformers

### Products offered

Stud Bolts



## Hydro Energy

- High & medium pressure pumps
- Generators
- Turbine caps

### Products offered

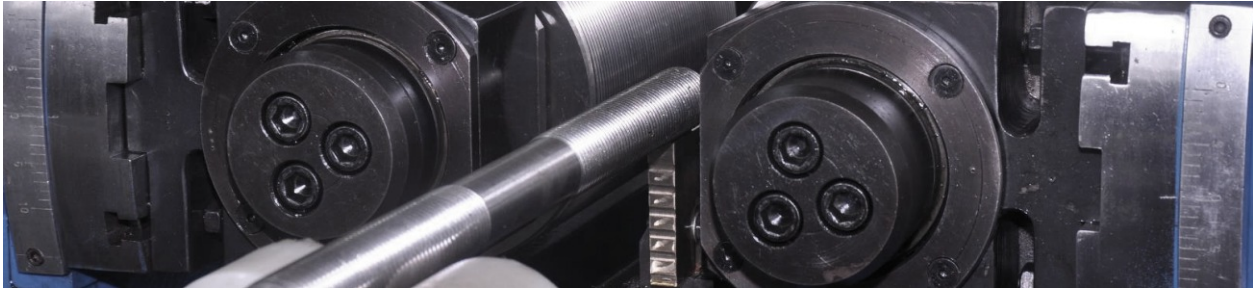
High Tensile Studs & Bolts





# Manufacturing Facilities

## Thread Rolling Machine - Capacity upto M72



**CNC Machining**



**CNC Head Forming**

## Heat Treatment

- Tempering
- Hardening
- Quenching
- Case Hardening



## Raw Materials

42CrMo4

ASIS 4140

ISO 898-1

ISO 898-2

45C8

En8 D

- Raw Material sourced from reputed steel mills in India, Korea, China & Europe
- Gala offers multiple grade options as per customer specifications
- Overhead crane, Forklift and required utilities available for raw material handling
- First in - First out concept followed
- Safety stock managed based on agreements with customers

## Surface Treatments & Coatings

**Hot Dip Galvanizing**  
(Including non acidic option)

**Mechanical Zn  
Plating (Cr 6 free)**

**Zinc Silicate**

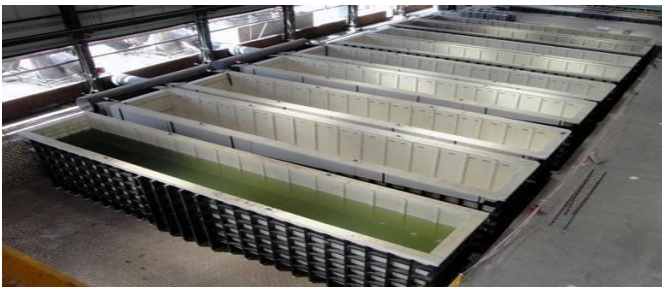
**Powder & Epoxy  
coating**

**Zinc Flake Coating**

Deltatone  
Geomet  
Ramcor

**Blackodising**

Depending on application & customer requirement above coatings offer salt spray life of 100 to 1000 hours



Hot Dip Zinc galvanizing. Coating thickness 50 to 100 micron



Zinc Flake Coating



# Inspection & Testing Facilities



**Junker Test Machine**



**Micro Hardness Tester**



**Counter Measuring Machine**



**Tensile Strength  
Measurement Machine**



**Salt Spray Testing**



**MPI Testing**

## More Fastening Solutions from GALA



**GALLOCK**  
WEDGE LOCK WASHERS

**Complete Safety Under Heavy Vibrations**



**DIN 6796**  
Belleville Washers



**Safety Disc Washers**



Manufacturing facilities  
near Mumbai, India.



Gala Precision Engineering Private Limited

[www.galagroup.com](http://www.galagroup.com)

### Corporate Office & Engineering Centre

A-59, Road No.10, Wagle Industrial Estate,  
Thane - 400 604, India. Tel: +91 22 4141 0404  
**Fax:** + 91-22-2582-0771  
**Email:** fasteners@galagroup.com

### Plant

Plot No. 295,  
Village Vadavali at Post Met,  
Masurne Road, Bhiwandi - Wada Highway,  
Taluka Wada, District Palghar - 421 312

### Germany Office

Niederlassung Deutschland, Lyoner Strasse 14,  
60528 Frankfurt am Main, Germany.  
**Fax:** +49-69-66-55-41-59  
**Email:** galagermany@galagroup.com

### China Office

Gala Precision Components (Shanghai) Co. Ltd.  
Block E, 1318 Ba Zi Qiao Road, Nanqiao Town,  
Fengxian District, Shanghai-201400, China  
Tel: +86 21 67107985 810  
Email: china@galagroup.com

