



METAL EXPANSION *Bellows*

Precision **Engineered** for
Reliable Performance





ABOUT US

Gajanand Engineering Works

Leading Manufacturer & Engineering Partner

We are a leading manufacturer and engineering partner for high-performance **Metal Expansion Bellows** and **Expansion Joints**.

Serving critical industrial applications, we combine advanced manufacturing capabilities with experienced engineering and strict quality control to deliver products that ensure long service life, safety, and operational efficiency.

Driven by innovation, quality, and customer satisfaction, **Gajanand Engineering Works** is a trusted supplier of dependable expansion joint solutions for industries worldwide.

CORPORATE PROFILE

Gajanand Engineering Works

Engineering Excellence Since 2011

Gajanand Engineering Works is a premier manufacturer and supplier of high-performance Expansion Bellows, Flexible Connections, and Customized Assemblies.

Based in the industrial hub of Vadodara, Gujarat, we deliver precision-engineered solutions designed to manage thermal expansion, vibration isolation, and pipeline misalignments in the most demanding industrial environments.

With over a decade of expertise, advanced manufacturing capabilities, and a commitment to quality, we provide reliable solutions that ensure safety, efficiency, and long service life for critical piping networks.



OUR CORE PILLARS



PRECISION ENGINEERED

Designed to strict technical specifications ensuring exact fits, tight tolerances, and high operating compliance across all applications.



QUALITY ASSURED

Backed by rigorous inspection protocols, material traceability, and international certifications to deliver peak dependability and zero compromise.



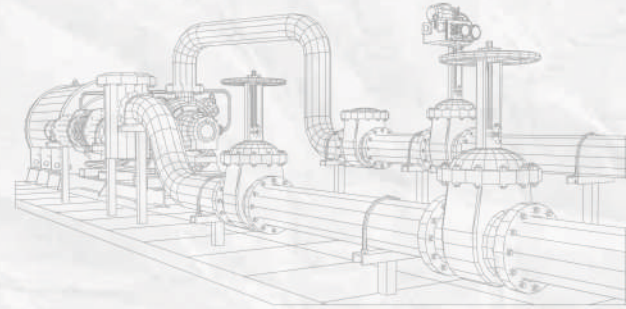
PERFORMANCE DRIVEN

Built to withstand severe temperature variations, pressure spikes, vibration, and mechanical fatigue for long, trouble-free service life.



MANUFACTURING PROCESS

Engineering Excellence at
Gajanand Engineering Works



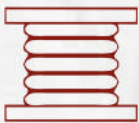
DESIGN & ENGINEERING

Custom designs developed using advanced engineering software, tailored to exact process conditions, pressure, temperature, and movement requirements.



MATERIAL SELECTION

We use premium-grade materials including Stainless Steel, Inconel, Monel, Hastelloy, Titanium, and other special alloys to ensure corrosion resistance and durability.



BELLOWS FORMING

State-of-the-art Hydroforming and Mechanical Forming technologies create precise, durable convolutions for optimal flexibility and cycle life.



WELDING & ASSEMBLY

Automated precision welding integrates bellows with flanges, pipe ends, and accessories, ensuring leak-free and robust assemblies.



QUALITY INSPECTION

Every product undergoes comprehensive checks including dimensional inspection, weld examination, leak testing, and hydrostatic/pressure testing as per global standards.



INDUSTRIAL APPLICATIONS



Power Plants



Oil & Gas



Petrochemical Industries



Chemical Processing



Fertilizer Plants



Cement Plants



Food Processing



HVAC Systems



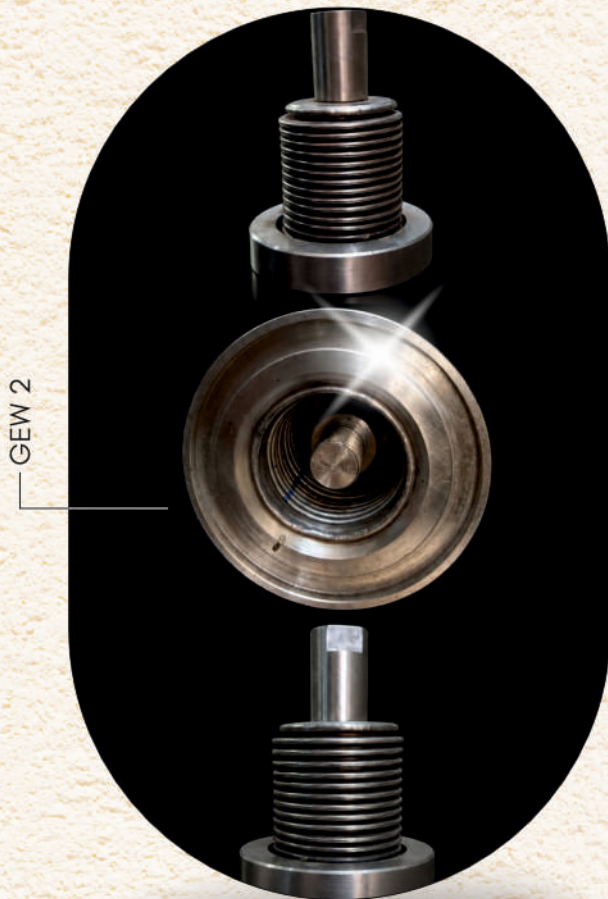
Marine & Shipbuilding

Global Standards. Indian Manufacturing



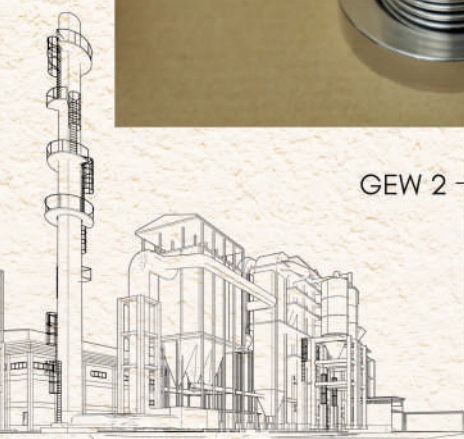
Our Product Range & **ENGINEERING CAPABILITIES**

Precision-Engineered Solutions for Every Application



Extra-Flex Corrugated Bellows

Designed for Special
Applications Where Space
is Less & Movement is more

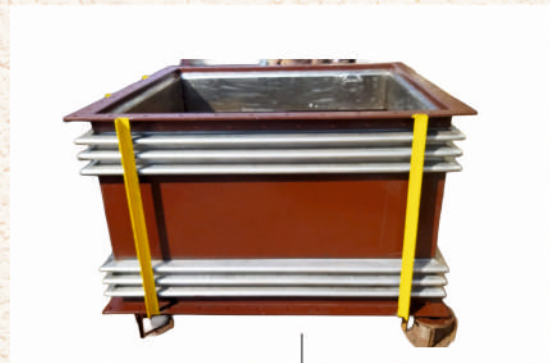




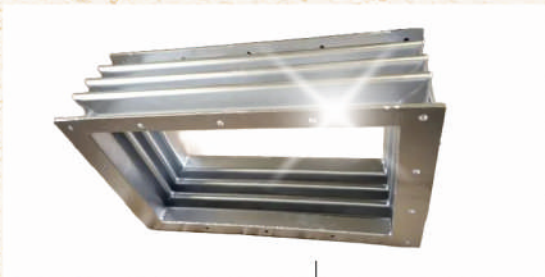
Rectangular Type Bellows



GEW 7



GEW 8



GEW 9

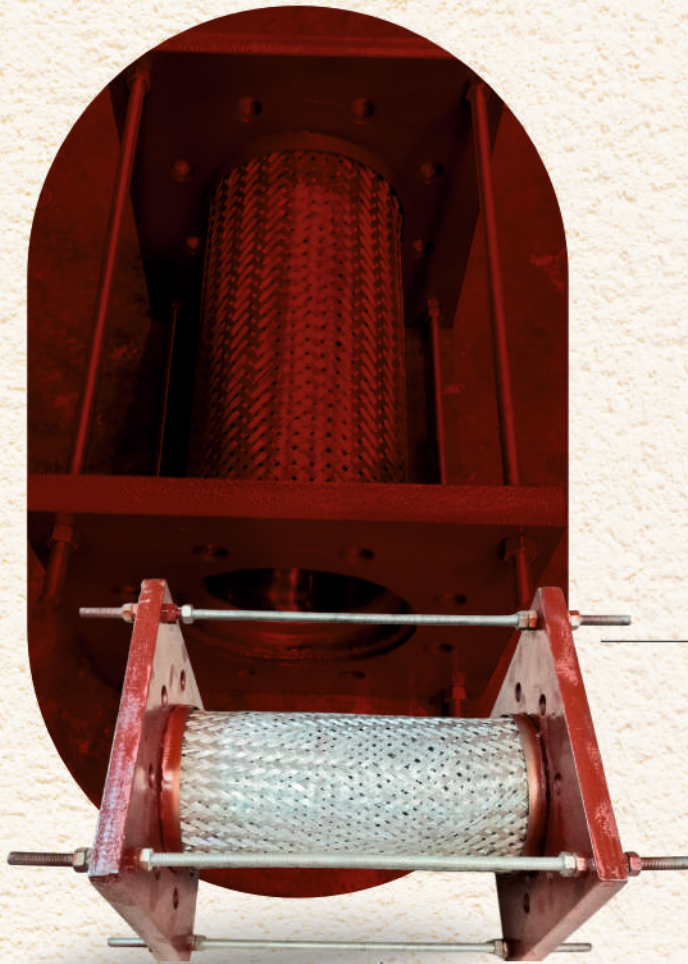


GEW 10



Our Product Range & **ENGINEERING CAPABILITIES**

Precision-Engineered Solutions for Every Application



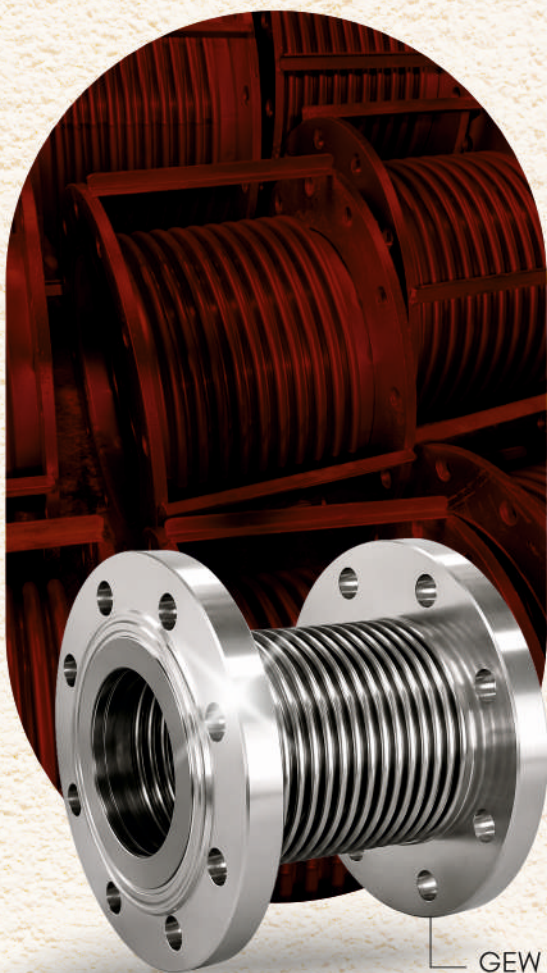
GEW 11

SS Bellows
with PTFE
Lining



GEW 12





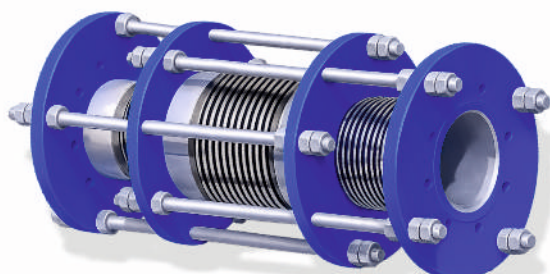
GEW 13

Explore our wide range of stainless steel expansion bellows

GEW 15



GEW 16



GEW 14

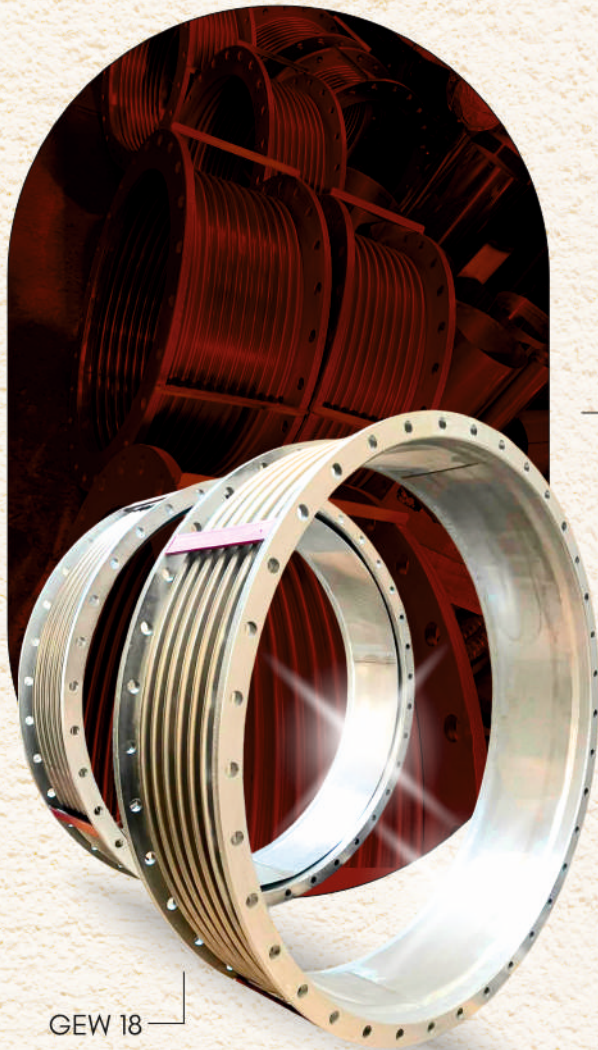


GEW 17



Our Product Range & **ENGINEERING CAPABILITIES**

Precision-Engineered Solutions for Every Application



Special
Design Circular
Bellows



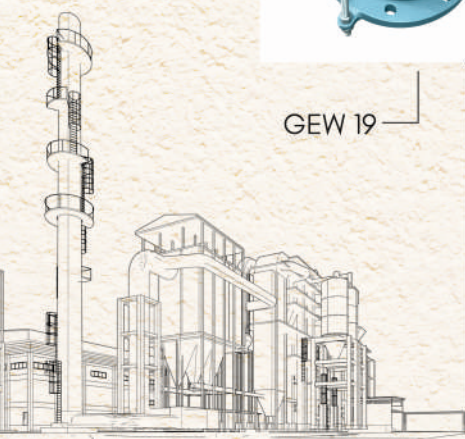
GEW 19



GEW 20



GEW 21





GEW 27



GEW 29



GEW 30



GEW 28



GEW 31



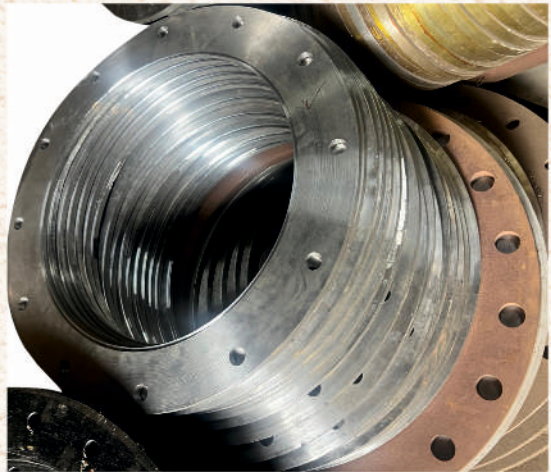
Our Product Range & **ENGINEERING CAPABILITIES**

Precision-Engineered Solutions for Every Application

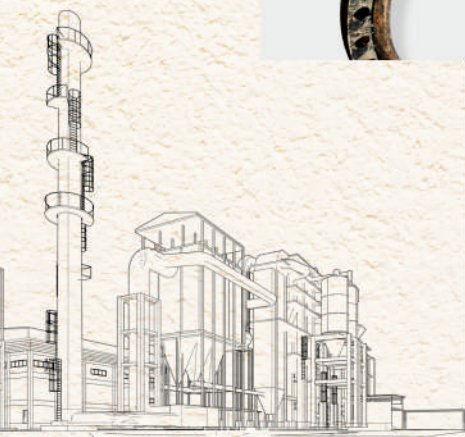


GEW 34

Flanges



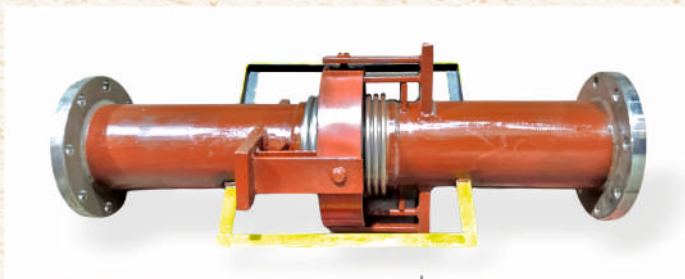
GEW 34



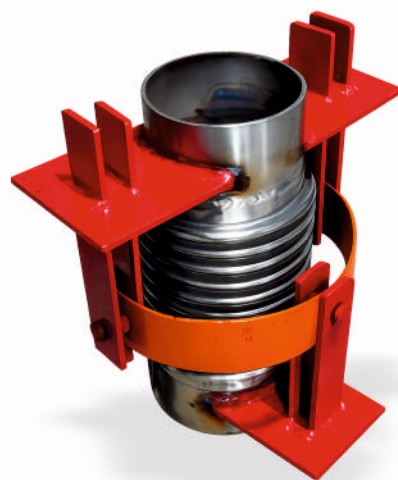


Gimbal
Bellows

GEW 32



GEW 32

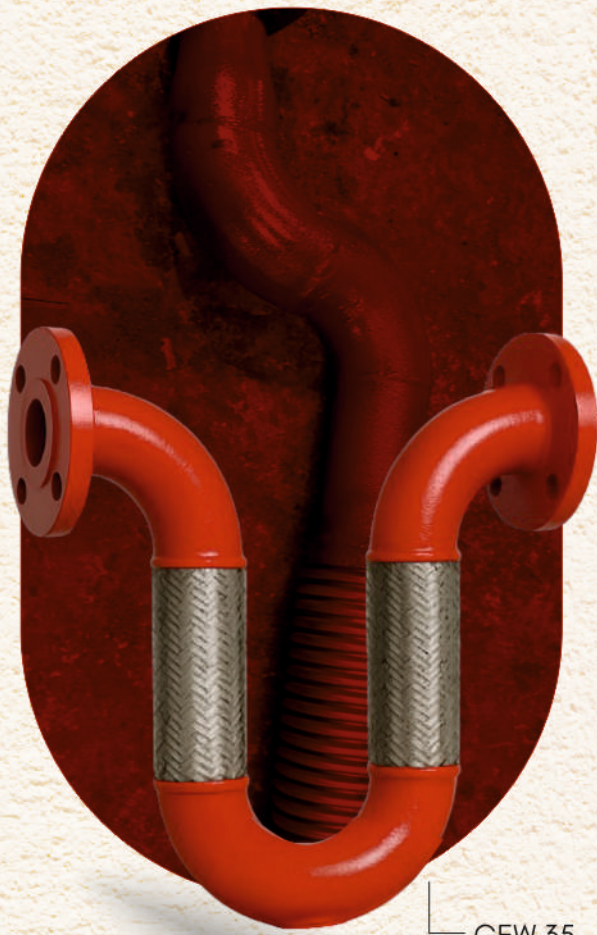


GEW 33



Our Product Range & **ENGINEERING CAPABILITIES**

Precision-Engineered Solutions for Every Application



GEW 35

U Connector
Bellow and
Bellows
with 90 Degree
Band



GEW 37

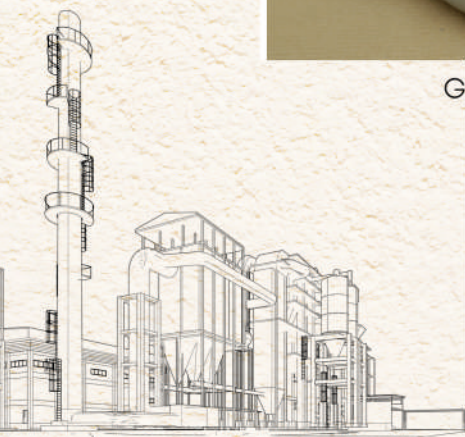


GEW 36



GEW 38

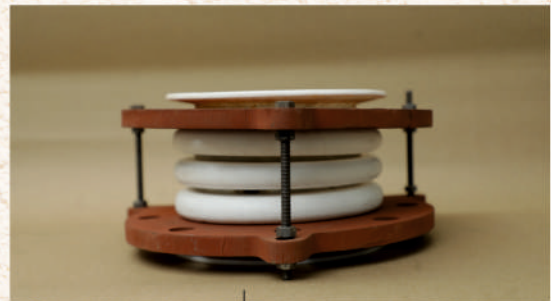
GEW 39





GEW 40

PTFE
Bellows



GEW 40



Our Product Range & **ENGINEERING CAPABILITIES**

Precision-Engineered Solutions for Every Application



GEW 41

Rubber
Bellows



GEW 42

GEW 43



GEW 41

GEW 42

GEW 42



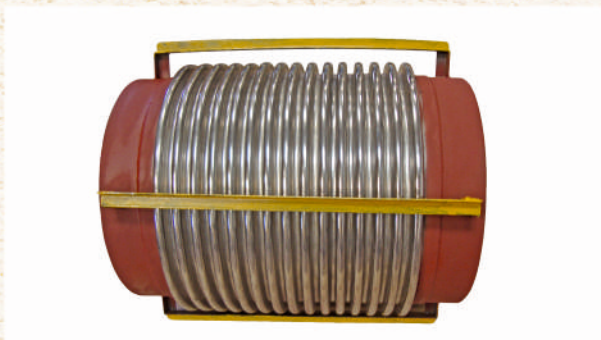
GEW 43





Weldable
Ends with
Inner Sleeve

GEW 44



GEW 44



GEW 44



MANUFACTURING SPECIFICATIONS & RANGE

PARAMETER	MANUFACTURING SPECIFICATION / RANGE
Material Grades	SS304, SS316, SS316L, SS321 and all industrial grades of Stainless Steel, Inconel, Monel, Hastelloy, Titanium & special alloys.
Size Range	25mm to 6000mm All sizes engineered to order. Both standard and custom free sizes available.
Pressure Rating	Fully Customized Designed as per client application, operating pressure, and engineering requirements.
Temperature Range	Application Specific Precision-engineered to withstand exact operating temperature and thermal cycles.
Standards Followed	EJMA ASME ISO IEC62271-200 Customer Specifications Manufactured in compliance with global standards and specific client requirements.

QUALITY ASSURANCE PROTOCOLS

Zero-Defect Manufacturing Philosophy

Quality is at the core of our manufacturing philosophy. We implement systematic checks at every phase of the manufacturing process to guarantee zero-defect deployment:

- Material Traceability:** Complete Material Test Certificates (MTC) maintained and provided for all raw materials.
- Dimensional Accuracy:** Exhaustive inspection reports comparing actual parameters against approved customer drawings.
- Pressure Testing:** Robust in-house hydro and pneumatic pressure testing setup to verify integrity under stress.
- Welding Compliance:** Certified Welding Qualification Records ensuring high fatigue strength of joints.

WHY PARTNER WITH GAJANAND ENGINEERING WORKS?

- Competitive Pricing:** Lean manufacturing structure delivering top-tier quality at optimized costs.
- Fast Delivery:** Optimized lead times and streamlined processes to keep your projects on schedule.
- Custom Design Support:** In-house engineering team providing technical assistance for custom layouts and special applications.
- Consistent Quality:** ISO compliant processes ensuring product replication, reliability, and zero-defect performance.
- Dedicated Vendor Support:** Complete assistance for vendor registration, documentation, and ongoing technical support.



Sizes & Range DESCRIPTION

METALLIC BELLOWS



Circular Type:
Ø 20 mm to
Ø 6000 mm Diameter

**Square &
Rectangular Type:**
No Size Limitation -
Custom Sizes Available
as per Requirement

RUBBER BELLOWS



Type:
Circular Only

Diameter Range:
Ø 25 mm to
Ø 400 mm

PTFE BELLOWS



Type:
Circular Only

Diameter Range:
Ø 25 mm to
Ø 400 mm

METALLIC CORRUGATED HOSE WITH WIRE BRAIDING / FLEXIBLE HOSE



Type:
Flexible Metallic
Hose Diameter

Range:
1/4" to 12" NB

SS / MS FLANGES



Size Range:
1/2" NB to Any Size

Customization:
Available as per
Drawing /
Requirement

VENDOR REGISTRATION & ENQUIRIES

We welcome the opportunity to be registered as an approved vendor for your upcoming projects and procurement workflows.

For Custom Sizes & Technical Support:



gajanandengg@gmail.com



gajanandengg@yahoo.com

THANK'S...

*Gajanand Engineering Works
Global Standards.
Indian Manufacturing.*



GAJANAND ENGINEERING WORKS

FF15, Indraprasth Complex, Near Vadsar Flyover Bridge, Vadsar,
Vadodara -390010, Gujarat , India

✉ gajanandengg@gmail.com

✉ gajanandengg@yahoo.com

🌐 gajanandengineerinworks.com

Contact Details:

📞 Mobile: +91 99985 91157 | +91 99985 91163

GSTIN: 24BMJPS5013D1ZB

