

Bikar

Manufacturers of Expansion Joints

Manufacturers of Expansion Joints

Guaranteeing customer loyalty through the design and manufacture of expansion joints for the world market, applying experience and innovation through specialisation.

Mission

Manufacturing products of the highest quality that create value and bring the company international recognition and prestige.

Vision

Prestige
Specialisation
Flexibility
Internationalisation

Qualities



We are manufacturers

Specialists in expansion joints

- 1 / Engineering and technical project implementation***
- 2 / Molded and custom made fabrication***
- 3 / Optimum quality product range***

1 / *Engineering and technical implementation of projects*



***Manufacturers of
Expansion Joints***

We design and give technical advice

Each project requires a customised solution. Our capacity for design and manufacture is the result of our experience and specialisation in many different sectors. Ensuring customer loyalty in our market requires a team of persons who are able to adapt their knowledge towards finding the best technical solution.

BIKAR offers experience, commitment and quality in a sector that demands trust. Our aim is to guarantee the best result by developing all our production processes as expert manufacturers of reliability and prestige.

2 / *Molded and custom made fabrication*



*One of the aspects
our clients
rate highest*

Expert professionals

Our technical and production team develops each specific part, applying their experience and know-how in a molded and custom made fabrication process, with the aim of ensuring maximum precision and quality.

3 / Optimum quality product range



The best solution for every project

We make and develop our own products to meet specific needs, taking critical situations related to temperature, pressure or movement into consideration.

In addition to offering advice and participating in the study of each project, we offer diverse solutions, always underscoring quality as our most consistent hallmark.

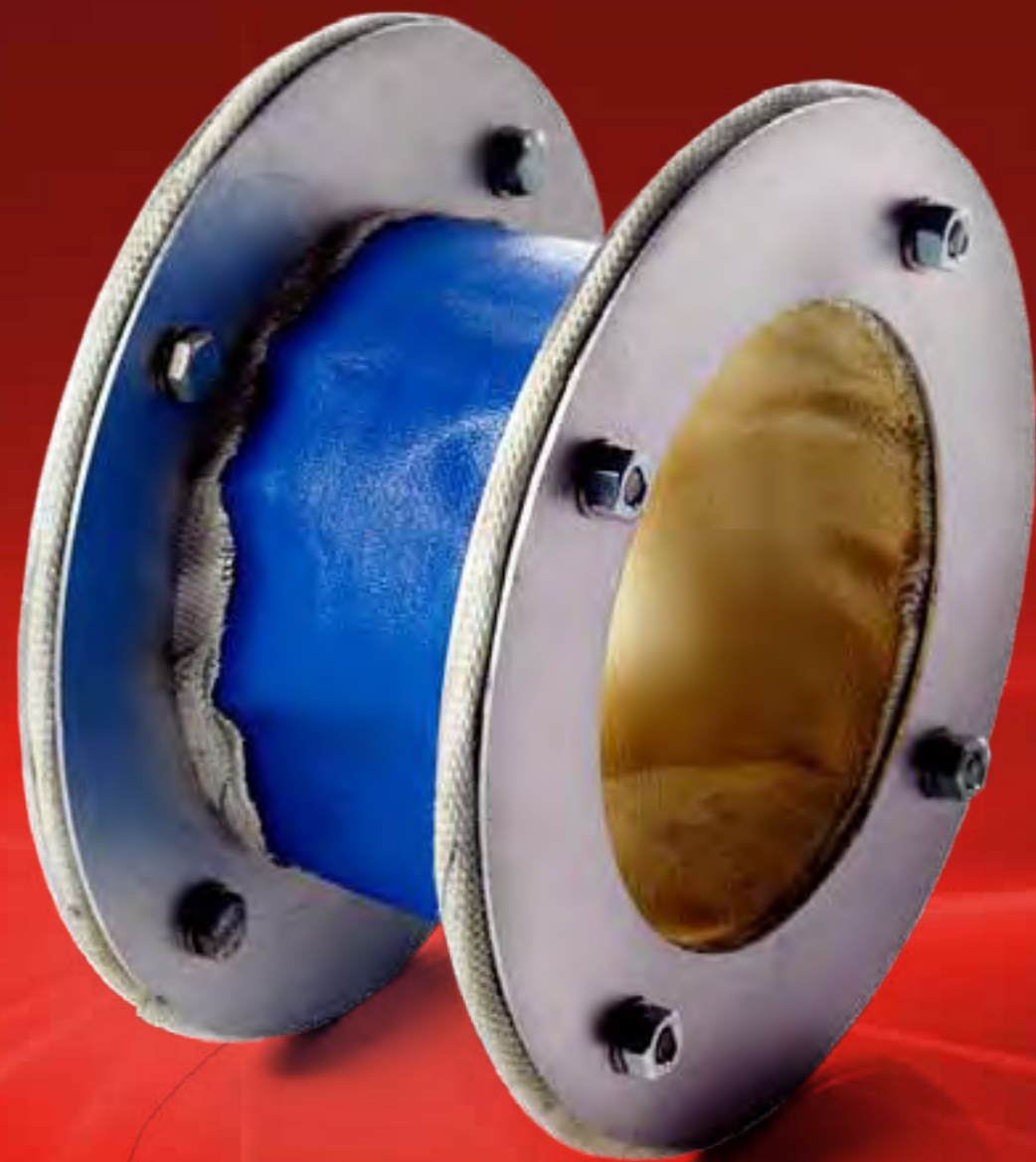
- a) Rubber expansion joints***
- b) Fabric expansion joints***
- c) Metallic expansion joints***



Rubber expansion joints

These are mainly used in desalination plants, combined cycle plants, water pumping systems, phosphate plants, etc. to absorb movement, vibration and stress in pipe systems for fluids at temperatures lower than 200° C and habitual pressures under 25 bar, thereby protecting valuable equipment (pumps, valves, condensers, etc.) from thermal movements and mechanical stress. We design and produce customised parts for special working conditions (high pressures, high temperatures and great movements).

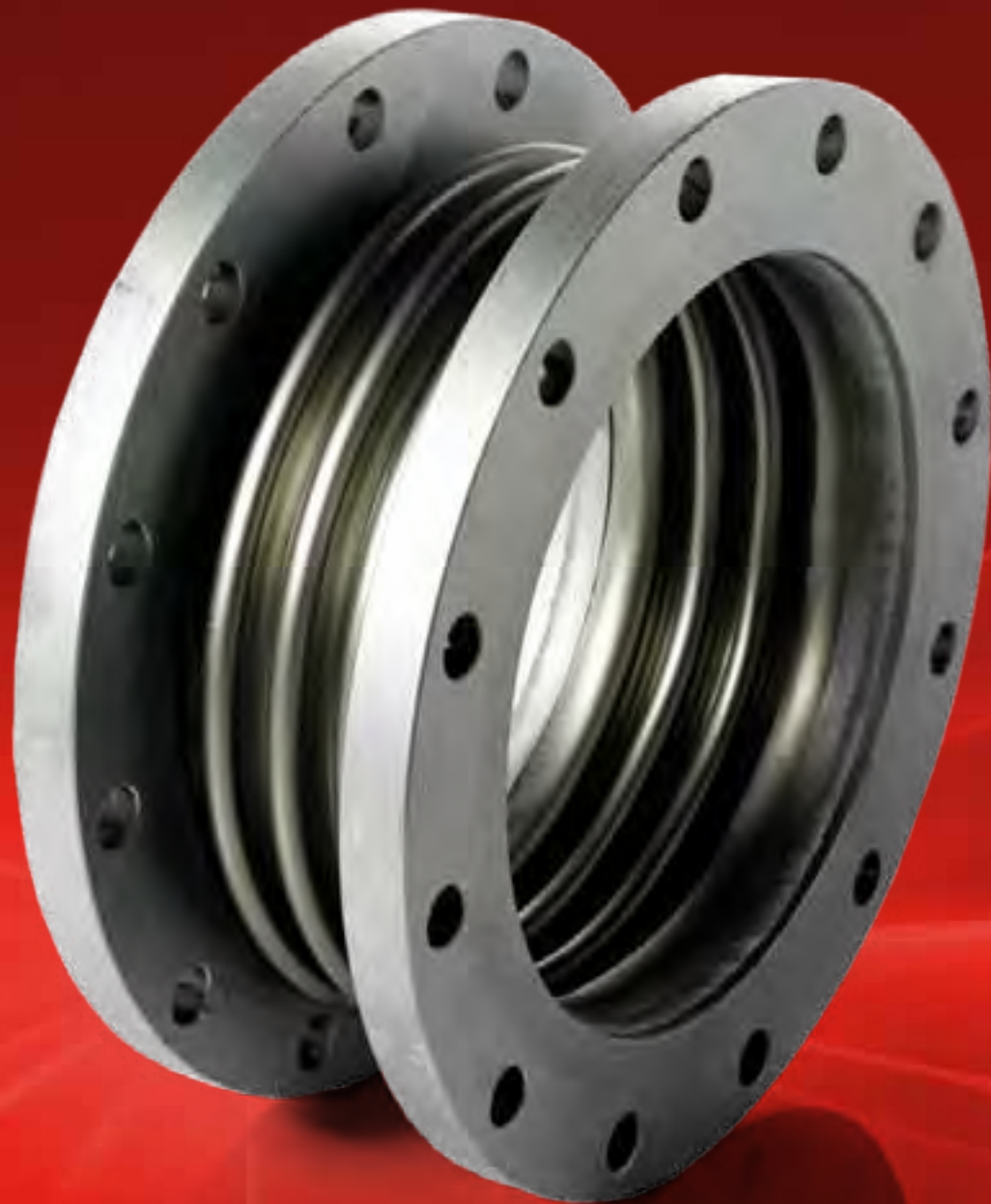
Great capacity to absorb movements and vibrations



Fabric expansion joints

These are mainly used in boilers, ventilation circuits, industrial furnaces, cement plants, paper plants, etc. to absorb movement and vibration and prevent stress in pipe systems where gases, air or steam circulate at temperatures of up to 1200° C and habitual pressures lower than 0.5 kg/cm², using materials of highly advanced and next-generation technology and applying extremely useful tools such as SolidWorks, finite element analysis, etc.

***Great resistance
in high-temperature
pipe systems***



Metallic expansion joints

These are mainly used in petrochemical plants, boiler pipes, etc. to absorb movement and stress in piping systems for fluids at temperatures of up to 1200° C and pressures of up to 90 bar.

They are designed in accordance with EJMA and ASTM standards using software specially developed for their calculation, producing customised solutions for each installation.

***For use in ducts for
high-pressure and
high-temperature fluids***



Bikar

Manufacturers of Expansion Joints

Our after-sales technical services sets us apart

Know-how is the reserve of truly specialised companies such as Bikar. We offer an integrated process that includes design / calculation / manufacture / installation / supervision and inspection.

***Infrastructure supervision
guarantees results with
respect to safety, optimises
performance and reduces costs***



Bikar

ASIA

Oceania

Europe

CANADA

USA

BRAZIL

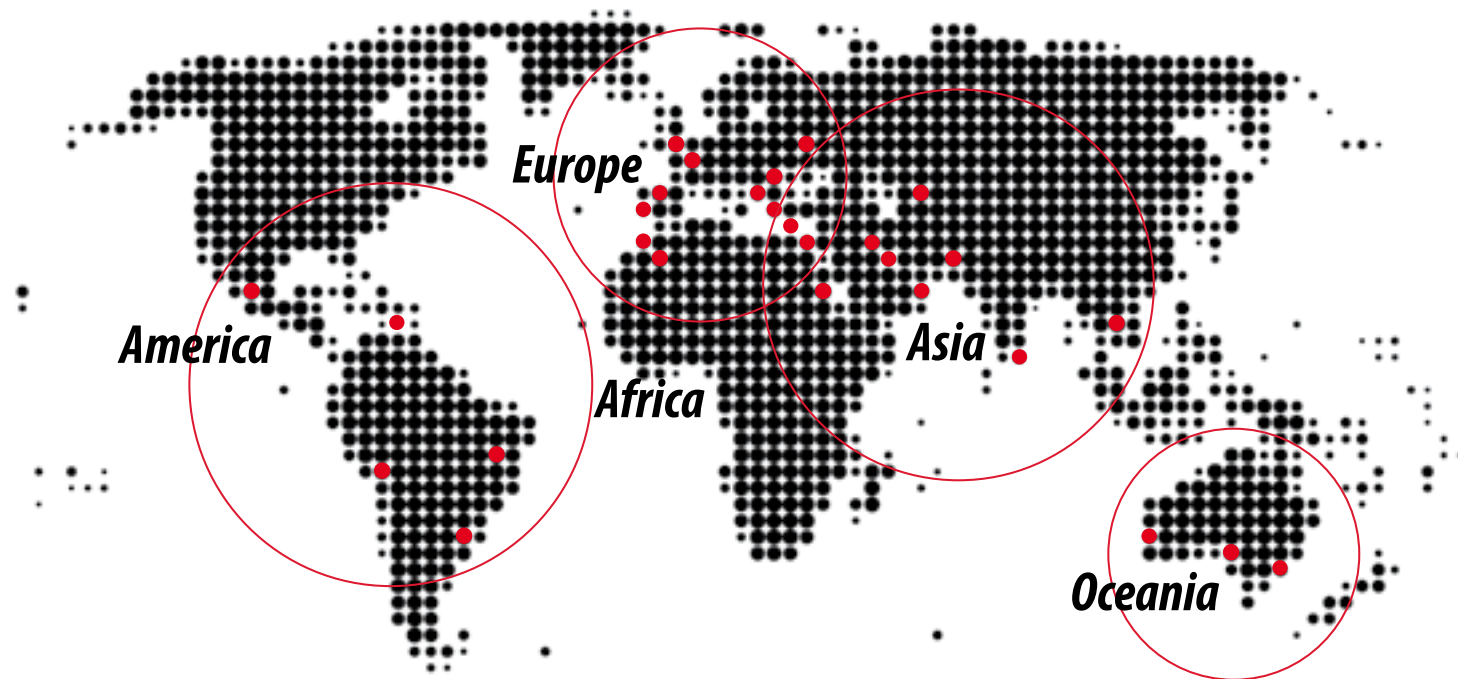
Internationalisation

The company carries out its business activities on an international scale. Its presence in the important projects and infrastructures of top-level companies worldwide has won it the position and reputation of a company specialised in manufacturing expansion joints.

For 4 large business lines:

***Water
Energy
Oil&Gas
Industry***

More than 5 million m³ of water a day desalinated, more than 20,000 MW installed in combined cycle plants and more than 500 MW in solar thermal power stations using our expansion joints. LNG ships, offshore plants, paper mills, cement plants and mines.



Asia

*Al dur Desalination Plant (Bahrein)
Jubail and Yanbu Petrochemical Plant (Saudi Arabia)
Fujairah (United Arab Emirates)
Pulau Sakra Combined Cycle Plant (Singapore)
Messaied Combined Cycle Plant (Qatar)
Beilungang Power Plant (China)
Korangi Combined Cycle Plant (Pakistan)
Barkha Desalination Plant (Oman)
Kelanitissa CCPP1 - L16 (Sri Lanka)*

America

*Monte Alegre CTMP (Brasil)
Cabatao CTMP (Brasil)
Baja California (Mexico)
Minera Escondida (Chile)
Tamuin Petroleum Coke Fired Power Station I & II (Mexico)
San Miguel Tucumán Combined Cycle plant (Argentina)
Nehuenco Combined Cycle Plant (Chile)
Curacao Desalination Plant (Dutch Lesser Antilles Islands)*

Oceania

*Melbourne Desalination Plant (Australia)
Adelaida Desalination Plant (Australia)
Perth I & II Desalination Plant (Australia)*

Africa

*Koudiet Combined Cycle plant (Algeria)
North Cairo Combined Cycle Plant (Egypt)
Phosphate Plant (Morocco)*

Europe

*Sugres Combined Cycle Plant (Russia)
Brazi Combined Cycle Plant (Romania)
Barcelona Desalination Plant (Spain)
Beckton Desalination Plant (England)
CAN Coal Boiler (Turkey)
Dunkerque Combined Cycle Plant (France)
Santurtzi Combined Cycle Plant (Spain)
Agios Nikolaos Combined Cycle Plant (Greece)
Portucl CTMP (Portugal)
Dhekelia Desalination Plant (Cyprus)
Esch Sur Alzette Combined Cycle Plant (Luxemburg)
CFB Boiler (Kazakhstan)*



Guarantees Our International Potential

Bikar, a member of the Leimotiv Holding, is considered as highly competitive, due to the organization and industrial vision of the Group. Companies having 75 years international experience, specialized in manufacturing products and equipments; design; engineering, as well as participating in turnkey projects.

| Leimotiv Holding

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America

Houston
Colombia

Europe

Spain
United Kingdom

Africa

Tunisia
South Africa

Asia

Kuwait
Saudi Arabia
China

| Manufacturing of Equipment

Valves
Pumps
Expansion joints

| Engineering

Renewable and Conventional Energies
Oil & Gas
Integrated Engineering
Promotion of Turnkey Projects

| Consulting

Human Capital Management
Strategy
Custom Home Solutions

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