

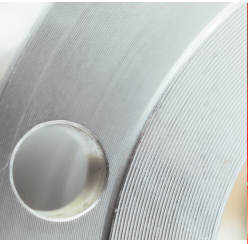


**Engineered Solutions Ltd.**

P r e c i s i o n   E n g i n e e r i n g



The Global Force in  
Precision Engineering



# Product & Service Overview

**Metallic bellows/expansion joints**

**Rubber bellows**

**Fabric bellows**

**Metallic hoses**

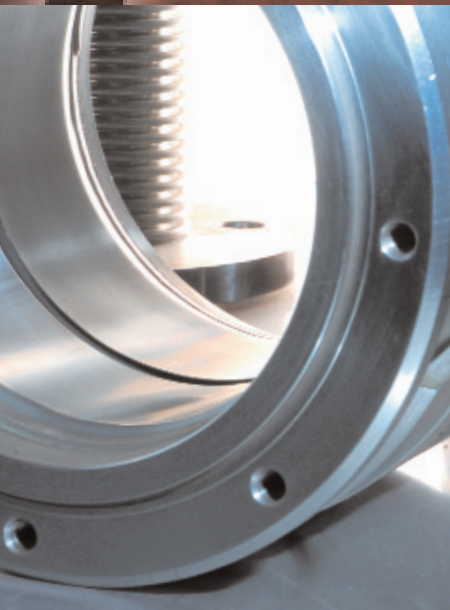
**PTFE bellows**

**CNC precision machining**

**Fabrication services**

**NDT services**

**Engineering design services**



## An Established Business

The combined strengths of three formerly independent bellows manufacturers established since the 1920s, with experience in the design, application and manufacture of bellows expansion joints, ensures that we are world leaders in our field.

We offer the most comprehensive range of bellows and expansion joint solutions in the industry through the amalgamation of:

**Teddington Bellows**

**Brockington & Scott**

**Vokes GenFlex**

## A Solid Foundation

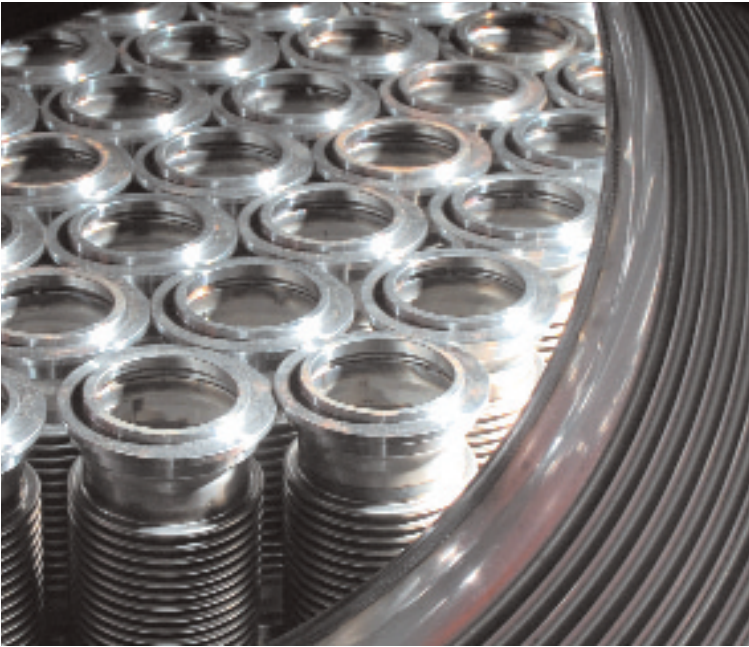
As one of the original contributors of the empirical data employed in establishing the bellows calculation formulae, we design and manufacture our products in accordance with the latest EJMA Code (Expansion Joint Manufacturers Association), universally accepted as best practice for the design and manufacture of metallic bellows. We were recognised by BSI in 2005 to sit on the Euro Norm Committee for the development of a new standard in Bellows Design, Manufacture and Testing EN 14917.

## Assured of Quality

Staying at the forefront of the expansion joint industry, we are accredited and work to the highest quality standards, including ISO 9001-2000 and ISO 14001.

We were among the first expansion joint manufacturers to gain accreditation to the European Pressure Equipment Directive (PED 97/23/EC).

## What we Offer



- **Products and services with guaranteed reliability in the field**
- **Delivery when you want it (Standard or FastTrack)**
- **More than 80 years of experience in design and manufacture**
- **A dedicated team of engineers and account managers**
- **Comprehensive solution packages, from the design stage of a piping system through to NDT services**





Industry Experience

We design and manufacture for any application in any medium and we have over 80 years experience in providing standard and bespoke products in the following industries:

- Aerospace
- Automotive and Rail
- Building Services/Construction
- Chemical Processing
- Cryogenic Applications (LNG, LPG)
- Defence
- Diesel Engines and Generator Sets
- District Heating
- Oil and Gas
- Petrochemical Processing
- Power Distribution
- Power Generation (Conventional Fossil Fuel and Gas)
- Power Generation (Nuclear)
- Shipbuilding and Repair
- Steel Making

Knowledge  
in Your Industry

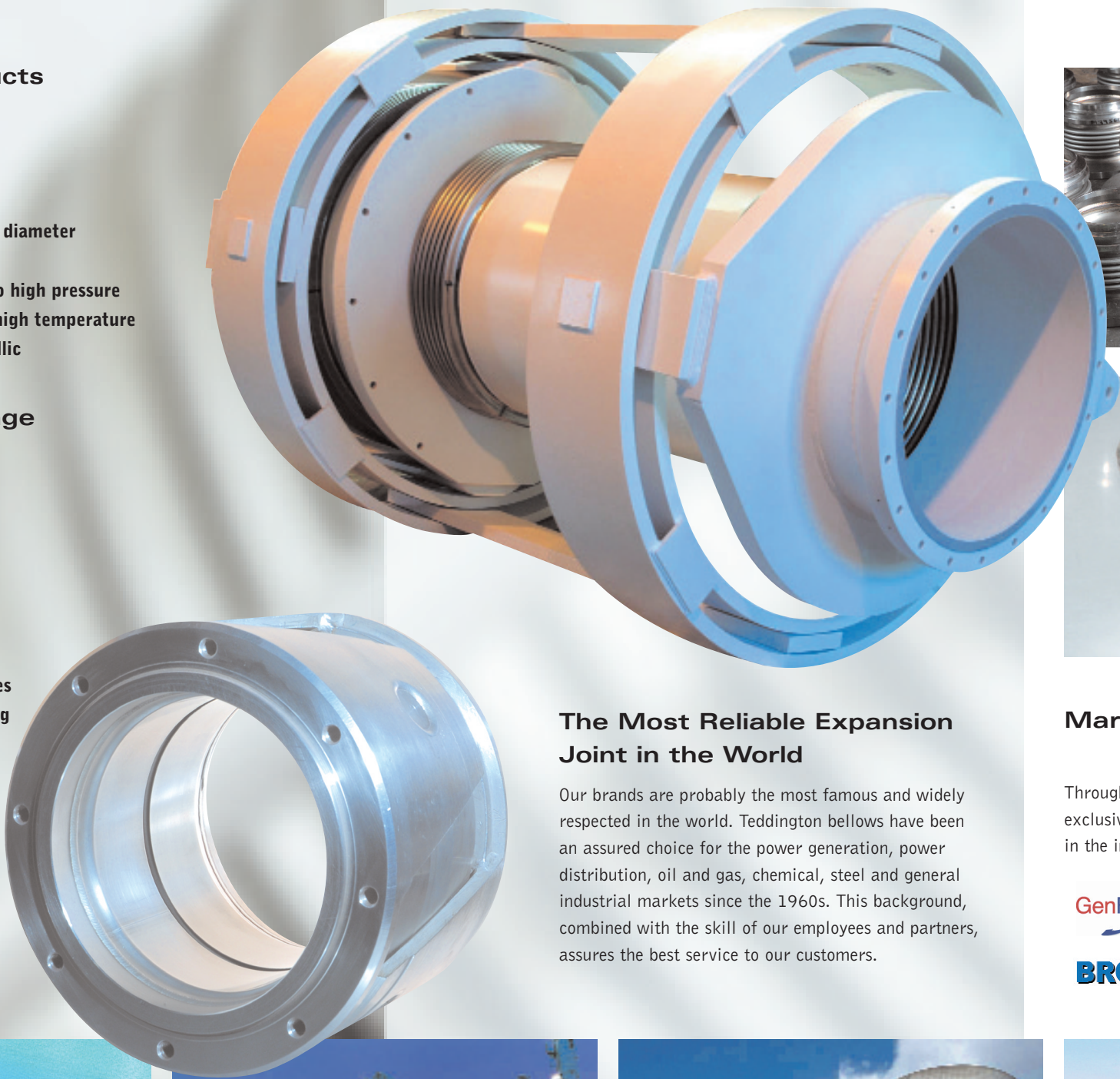
Specialist Products  
& Materials

- Single and multi-ply
- Thin wall or thick wall
- Small through to large diameter
- Round and rectangular
- Full vacuum through to high pressure
- Cryogenic through to high temperature
- Metallic and non-metallic

Full Service Range

- Dye-penetrant testing
- X-ray testing
- Ultrasonic testing
- Hydraulic testing
- Helium testing
- Fabrication services
- Welding services
- CNC machining services
- Conventional machining services

... Not limited to bellows products only



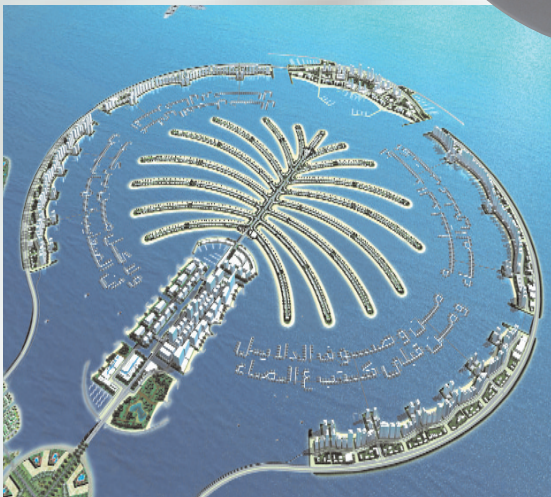
The Most Reliable Expansion  
Joint in the World

Our brands are probably the most famous and widely respected in the world. Teddington bellows have been an assured choice for the power generation, power distribution, oil and gas, chemical, steel and general industrial markets since the 1960s. This background, combined with the skill of our employees and partners, assures the best service to our customers.



Market Leading Brands

Through product innovation and growth, we now hold exclusive rights to some of the most successful brands in the industry.





# A More Complete Offering



## High Integrity

The Defence, Aerospace, Nuclear and Shipbuilding industries continue to demand the highest quality and we are proud of the reputation and expertise we have developed in these markets. The basis of the substantial growth we have enjoyed in these markets is delivery on-time, every time with exceptional product quality. We continue to have a 100% in-operation performance record.

We regularly work with various inspection authorities including: Bureau Veritas; Det Norske Veritas; Lloyds Register of Shipping; Germanischer Lloyd; and American Bureau of Shipping.

## Any Environment

Customised designs to operate under severe conditions of temperature and pressure, from -190C to +1200C, and from full vacuum to +200 bar pressure. We specialise in thin wall bellows and manufacture with membranes of single or multi-ply construction.

## Any Size

Bellows are made in standard incremental sizes from 10mm to 6000mm, although with our unique convolution forming processes there is almost no limitation to the size of bellows we can manufacture.

## Any Medium

Our engineers have a wide experience of applications and will help you select the appropriate material based on pressure containment, cyclic life, temperature and corrosion resistance needs. We routinely manufacture products from a variety of stainless steel grades, nickel alloys, titanium and aluminium.





## **Teddington Engineered Solutions**

Unit 1 · Heol Cropin · Dafen Industrial Estate · Llanelli · SA14 8QW · UK

Tel: +44 (0)1554 744500 · Fax: +44 (0)1554 746435

Email: [sales@tes.uk.com](mailto:sales@tes.uk.com) · Website: [www.tes.uk.com](http://www.tes.uk.com)