

Nordon expansion joints



A strong know how in manufacturing of customized and standard Nordon expansion joints

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- A global offer
 - Reconized expert in metallic Nordon expansion joints

Extensive experience in the manufacturing of Nordon expansion joints for decades

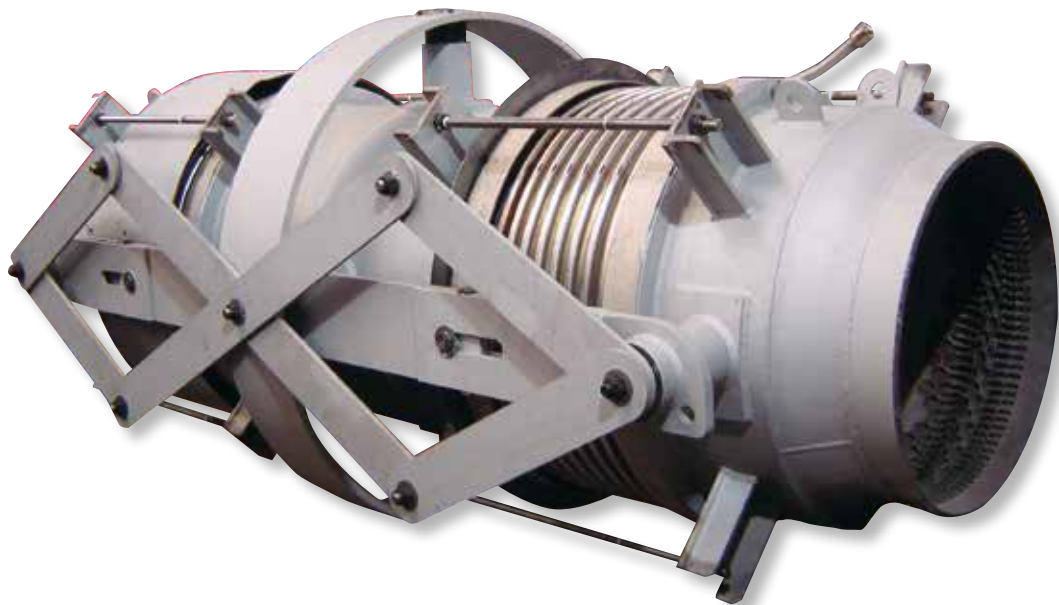


- Fives' Piping Solutions businessline has extensive experience in:
- design, manufacture, assembly of Nordon expansion joints
 - on site supervision and repair
 - emergency repair with clam shell bellows during shut down or in operation while the unit is in hot condition

Fives assists its customers by performing the flexibility calculations and determining the appropriate type of expansion joints for the installation. Fives also provides on site assistance for maintenance of existing installations. The Nordon expansion joints are used for applications in various sectors such as the chemical-petrochemical industry, thermal and nuclear power plants, research centres, fertilizer factories and cement works.

SOLUTIONS FITTING TO YOUR SPECIFIC NEEDS

Types of expansion joints	— Axial — Lateral — Hinged — Gimbal — Pressure balanced
Applications	FCC, Styrene, MTBE, RFCC, PDH, HDPE, Ethylene Crackers, Power Plant...
Materials	Incoloy, inconel, stainless steel, aluminium, titanium
Construction codes	ASME, EJMA, CODAP, RCCM, AD-MERKBLATT...
Forming processes	Roll forming or hydroforming or punch forming
Dimensions	From 50 to 5000 mm circular or rectangular
Pressure	From vacuum up to 100 bar
Temperature	From -196°C up to 900°C
On-site expertise and installation supervision	<ul style="list-style-type: none"> — Verification of installation conformity — Ultrasonic testing of bellows — Non-destructive testing — Dimensional inspection



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CONTACT US

Fives Nordon
 78, Avenue du XX^e corps – CS 90 404 – 54001 Nancy Cedex – FRANCE
 Tel.: +33 (0)3 83 39 54 00
 E-mail: fivesnordon.products@fivesgroup.com – Website: www.fivesgroup.com