

**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

Company information







Rostock, January 2023



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



Contents

- **General company data** 
- **Product range** 
- **Company certificates** 
- **Industry sectors / Range of applications** 
- **References/Customers** 
- **Locations** 





**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



General company data

Transaction volume/Companies/Management

Foundation: 1981

transaction volume in 2022 about 17,3 Mio €

Number of employees: 145

Companies of the group:

HKS GmbH industrieller Hersteller von Kompensatoren und Schläuchen: Production, sales and administration

HKS ssb GmbH – cutting, blasting, coating

HKS CZ, s.r.o.: Production

Shareholder:

HKS Group is a family run business that is privately

Company management:

Frank Hunold (Administration, Chairman)

Frank Soler Wittke (Sales)

Andy Weber (Produktion)



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



Product range / Product portfolio

Range of goods

Corrugated pipe expansion joints
Stainless steel expansion joints

Lens expansion joints

Rectangular expansion joints

Special expansion joints

Rubber expansion joints

Fabric/soft-material expansion joints

Plant engineering

Corrugated tube expansion joints

Multi-layered metal expansion joints

Bellows material:	High-alloy steel (1.4541, 1.4571) Nickel alloy (2.4858) Duplex (1.4462), SMO254 (1.4547)
Flange material:	Carbon steel (S235), high-alloy steel (1.4541, 1.4571)
Media:	Liquids, gases, dust, water-vapor
Nominal diameters:	DN 15 - DN 3000
Operating temperature:	Up to 1000°C
Pressure level:	PN 1 to PN 100
Characteristics:	Low spring rate - high expansion
Application:	Exhaust pipes, heating pipelines, hot-blast air lines, air and steam pipes, oil and solid lines, pipeline constructions, mechanical engineering, shipbuilding, power station constructions, block heat and power plants, plant engineering, container constructions, apparatus constructions, industrial facilities, sprinkler plants and furnace technologies

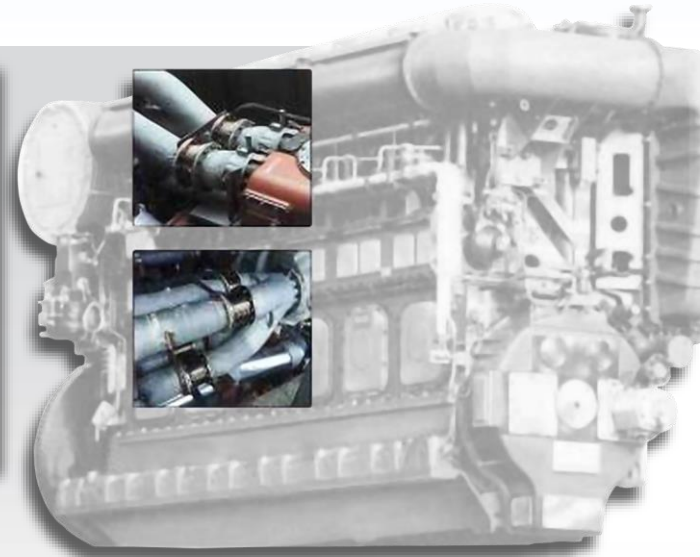
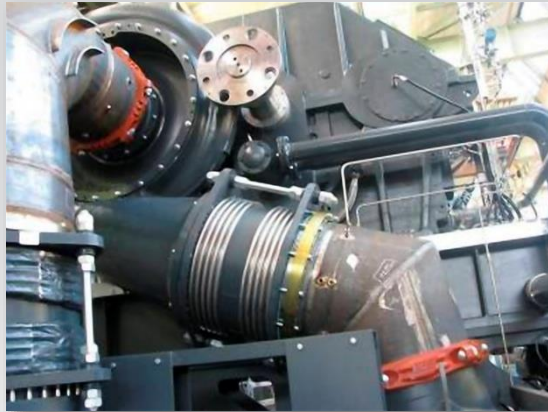


information 



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

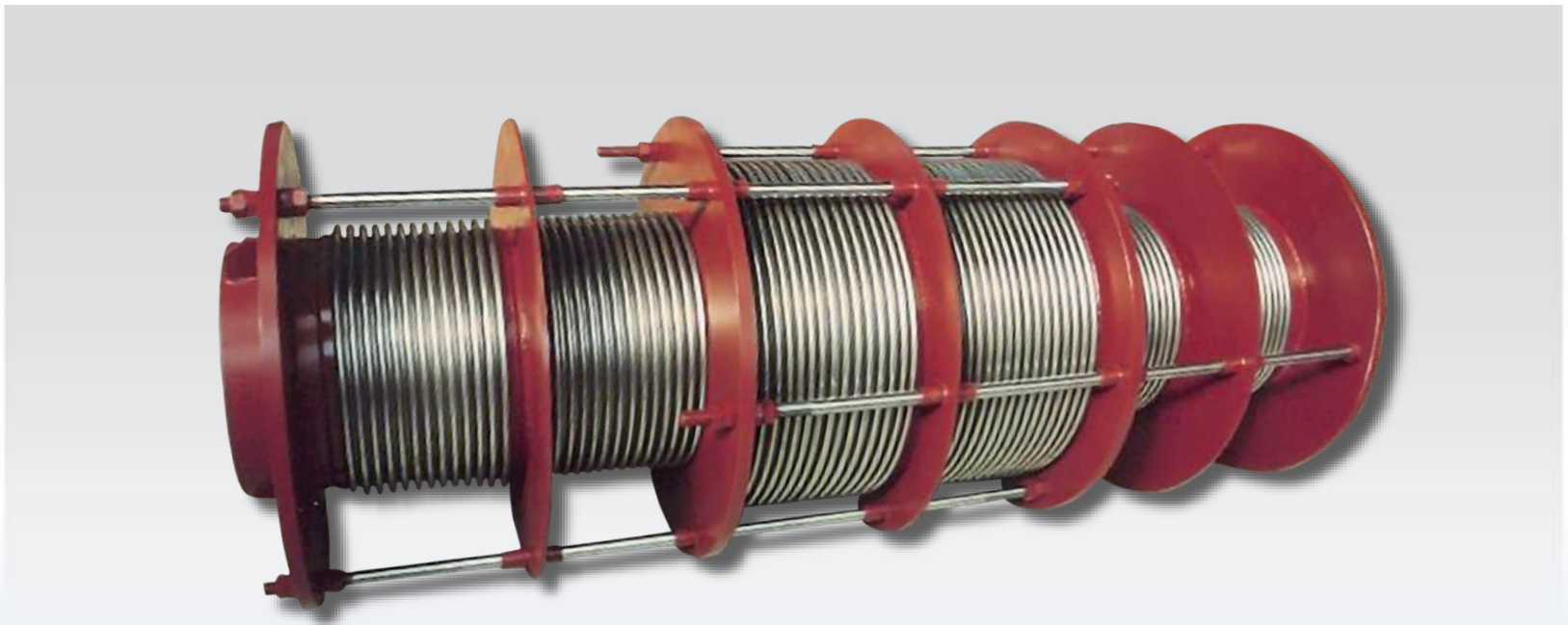
Corrugated tube expansion joints





**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

Pressure balanced expansion joint





**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

Angle balanced expansion joints



Lens expansion joints

Single-layered metal expansion joints

Material:	Carbon steel (S235), creep-resistant steel (P265GH, 16Mo3), high-alloy steel (1.4401, 1.4541, 1.4571), Nickel alloy (2.4858)
Media:	Liquids, gases, abrasive media and particulate material
Nominal diameters:	DN 50 - DN 9000
Operating temperature:	Up to 1000°C
Pressure level:	PN 1 to PN 100
Characteristics:	Robust type, low expansion
Applications:	container constructions, apparatus constructions, pipeline constructions, plant engineering, cement industry, power station constructions, energy systems, furnace technologies, heat exchanger, blast furnace gas lines and hot-blast air lines



information 



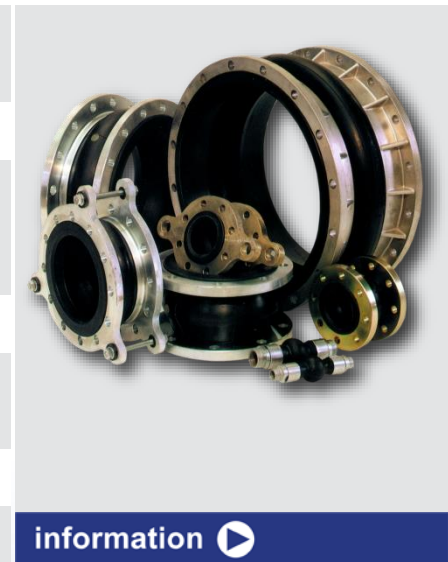
**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

Lens expansion joints



Rubber and PTFE expansion joints

Bellows material:	NBR (paracril), EPDM butyl compound, CR (chloroprene), CSM (Hypalon), PTFE
Flange material:	Carbon steel (S235), high-alloy steel (1.4541, 1.4571)
Media:	Aggressive chemicals, acids, caustic solutions, mineral oils, fuels, cooling water, salt water, drinking water, gases, foodstuffs
Nominal diameters:	DN 20 - DN 3200
Operating temperature:	Up to 150 °C
Pressure level:	PN 1 to PN 25
Range of applications:	Diesel and gaseous-fuel engines, chemical plants of foodstuffs industry, heating and sanitary facilities, wastewater treatment plants



information 



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



Rubber expansion joints



Fabric expansion joints

Bellows material:	Insulating material (glass fabric, ceramics, silicates) sealing film (elastomers, PTFE, high-alloy steel) backing fabric (polyester, aramide, glass fabric, silicates) coating (neoprene, EPDM, Hypalon, silicone, PTFE)
Flange material:	Carbon steel (S235),
Media:	Air, exhaust gases, particulate material
Nominal diameters:	Without restrictions
Operating temperature:	Up to 800°C
Working pressure:	Up to 1000 mbar
application:	Ventilation technology, power stations, denitrification systems, combustion gas desulfurization plants, boiler plants, refuse-incineration plants, cement industry, removal and filter systems



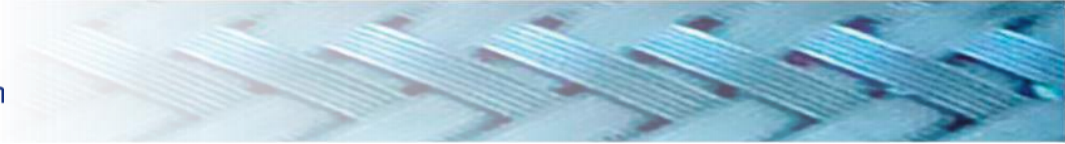
information 



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

Fabric expansion joints





Hoses

Flexible metal hoses with annular corrugation

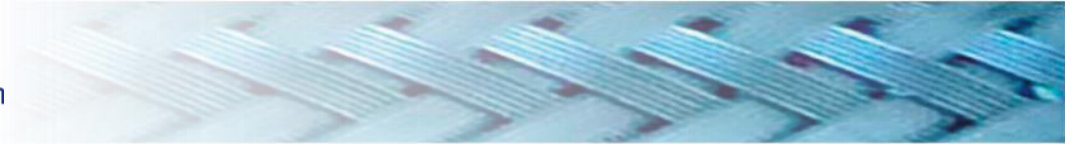
Corrugated tube material:	High-alloy steel (1.4541, 1.4571), nickel alloy (2.4316), copper alloy (2.1020)
Braided material:	High-alloy steel (1.4301, 1.4401)
Flange material:	Carbon steel (S235), high-alloy steel (1.4541, 1.4571)
Media:	Liquids, acids, caustic solutions, steam, salt water
Nominal diameter range:	DN 6 - DN 300
Operating temperature:	Up to 550°C
Pressure level:	PN 1 to PN 250
Range of applications:	Filling, Refuelling, Energy source (steam, hot water) supply, for compressed air, for carriage of combustible material (heating oil, gas) and as vibration absorber for refrigerating and air-conditioning plants, block heating works



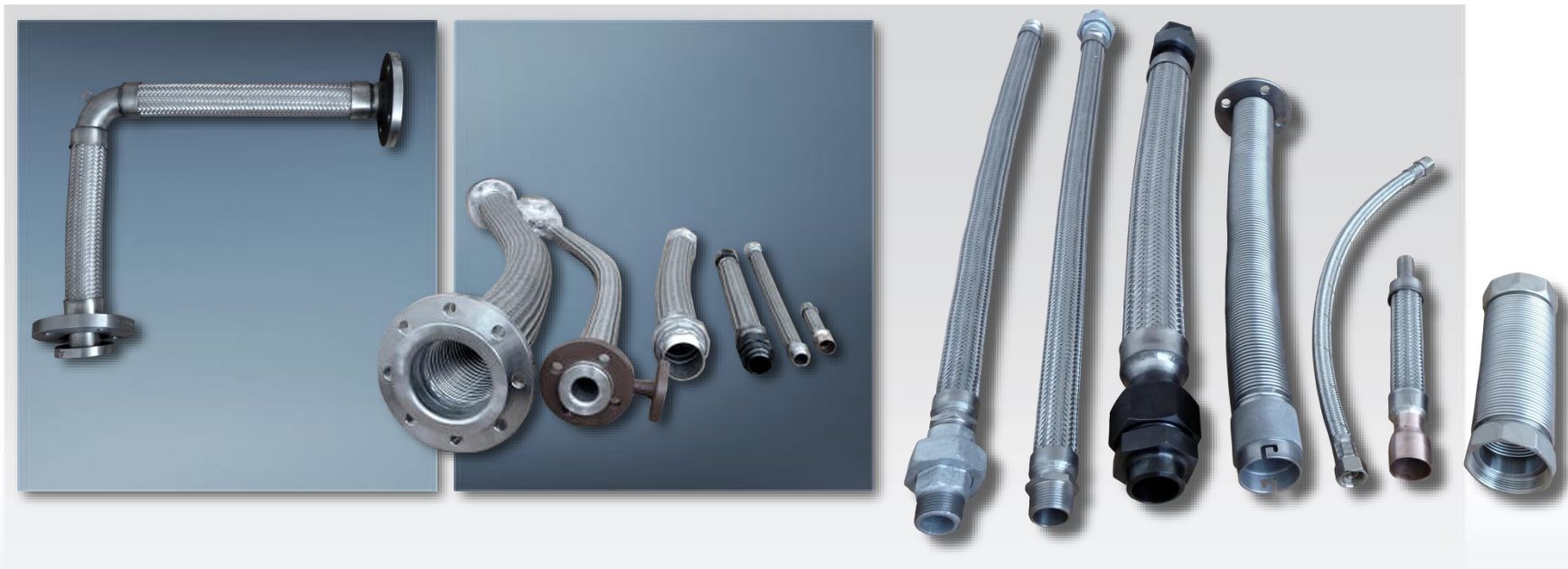
information 



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



Hoses





**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



Overview

Company certificates

January 2021
© HKS GmbH

All departments of HKS are DIN EN ISO 9001:2008-certified. HKS has various certificates, which document the high skills as a welding company. Product Approvals und product certifications by independent and recognized classification societies also certify the qualification.



Industry sectors / Range of applications

The HKS group produces metal expansion joints, rubber expansion joints and corrugated hoses for the following industrial areas:

- **Plant engineering**
- **Mechanical engineering**
- **Shipbuilding**
- **Power station construction**
- **Diesel engine manufacturers**
- **Piping construction**
- **Chemical industry**
- **Foodstuffs industry**



product spectrum 



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

References / Customers

In the past 10 years the HKS group has delivered their products to more than 5.000 customers, including:

- **General Electric**
- **AtlasCopco**
- **Caterpillar**
- **MAN**
- **Siemens**
- **Thyssen Krupp**

Also globally active, HKS group supplies their products to companies and business partners e.g. in the EU, USA, ME and Russia.



product spectrum 



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

HKS group Locations





**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

HKS group Locations

Germany - Rostock

Company management / Production plant

Employees: 60

HKS GmbH industrieller Hersteller von
Kompensatoren und Schläuchen
Schonenfahrerstraße 1
18057 Rostock

Tel: + 49 (0) 381 / 86 51 60 – 0

Fax: + 49 (0) 381 / 86 51 60 – 60

E-mail: info@hks-hro.de

Products: Lens expansion joints, rubber expansion joints, flexible metal hoses





**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system

HKS group Locations

Czech Republic - Prague

Production plant

Employees: 85

HKS - CZ s.r.o. – Prague

Kompensatory

Mlekojedska 1994/7

CZ-41201 Litoměřice

Tel: + 42 (0) 416 / 71 52 11

Fax: + 42 (0) 416 / 74 82 27

E-mail: info@hks.cz

Products: Corrugated tube expansion joints





**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



HKS group Locations

Germany - Warendorf

Sales Office Warendorf

Warendorfer Straße 22

48351 Everswinkel

Phone: +49 (0) 2582 / 996 39 70

Fax: +49 (0) 2582 / 996 39 78



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



HKS group Sales partner





**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



HKS group Sales partner

Luxembourg	SAB S.à.r.l.	Grevenmacher	☎ 00352 719050	robert.schweich@sab.lu
Russia	JSC Teploservice	Tula	☎ 007 4872 413 516	zaoteploservice@mai.ru
Saudi Arabia	Dynamic Energy	Dhahran	☎ 00966138065080	r.abdullah@dynamicenergy.sa
Switzerland	Eurolog GmbH	Zug	☎ 0041 4176 16080	monika.herzog@eurolog.ch



**PRODUCER OF
EXPANSION JOINTS AND HOSES**
Flexible solutions for your pipe system



Contact:

HKS GmbH
Frank Hunold
Schonenfahrerstraße 1
18057 Rostock

Email: f.hunold@hks.de
Phone: +49 (0) 381 86 51 60-0
Fax: +49 (0) 381 86 51 60-60

© HKS GmbH. All rights reserved. Confidential and protected document. This document and all information included therein are the sole property of HKS GmbH. This document must not be duplicated without the explicit written approval from HKS GmbH or may it be revealed to any third parties.

© Photography: HKS GmbH, istockphoto, fotolia, Layout: primavia.de