

Parker Product Datasheet



The main function of Ermeto DIN swivel-to-swivel high pressure hydraulic tube fittings is the connection of 2 tubes or hoses. This broad range of fittings is available in steel and in stainless steel.

PART NUMBER: GZR18/12L71
CONNECTION 1 TYPE: Male 24° Cone (with O-Ring)
CONNECTION 2 TYPE: Male 24° Cone (with O-Ring)
BODY MATERIAL: Stainless Steel
CONNECTION 2 SIZE: 12 mm (O.D.)
CONNECTION 1 SIZE: 18 mm (O.D.)

PRODUCT OVERVIEW

The main function of Ermeto DIN swivel-to-swivel high pressure hydraulic tube fittings is the connection of 2 tubes or hoses with the same or different diameters. This broad range of Ermeto DIN swivel-to-swivel high pressure hydraulic tube fittings, types GZ and GZR is available in steel and in a stainless steel version.

Markets:

- Automotive
- Defence
- Energy

- Environment
- Industrial
- Infrastructure
- Machine Tools
- Materials Handling
- Mobile
- Oil and Gas
- Power Generation
- Process
- Transportation
- Water

Applications: Suitable for general hydraulic applications.

Features/ benefits:

- • Steel and Stainless steel fittings have a high corrosion resistance to aggressive media and environmental influences. This attribute extends the life cycle of the fittings.
- Stainless steel surface: Ermeto DIN swivel-to-swivel high pressure hydraulic tube fittings , stainless steel version, have a high corrosion resistance to aggressive media and environmental influences, also a higher temperature resistance, than steel. These features extend the range of applications.
- High pressure: Ermeto DIN swivel-to-swivel high pressure hydraulic tube fittings have pressure

ratings of up to 800 bar (S series) and 500 bar (L series), so that the fittings can be used in a wide range of applications.

TECH SPECIFICATIONS

DIVISION	High Pressure Connectors Europe Division
PRODUCT STYLE	Reducer
SPECIFICATIONS MET	ISO 8434
ACCESSORIES INCLUDED	Pre-assembled with EO-2 Functional Nut
SEAL MATERIAL	FKM
SPECIFICATIONS MET	DIN
INDUSTRY	Agriculture
INDUSTRY	Transportation
MINIMUM AMBIENT TEMPERATURE	-60 °C
MAXIMUM AMBIENT TEMPERATURE	400 °C
BODY MATERIAL	Stainless Steel
CONNECTION 2 TYPE	Male
CONNECTION 1 TYPE	24° Cone (with O-Ring)
MAXIMUM OPERATING PRESSURE	400 bar
APPLICATION	Oilfield
MAXIMUM FLUID TEMPERATURE	400 °C
INDUSTRY	Automotive
CONNECTION 1 TYPE	Male
CONFIGURATION	Swivel to Swivel
APPLICATION	Packaging
PRODUCT STYLE	Adjustable Position

CONNECTION 2 TYPE	24° Cone (with O-Ring)
BRAND	Ermeto
MINIMUM AMBIENT TEMPERATURE	-76 °F
APPLICATION	Mobile Equipment
MAXIMUM FLUID TEMPERATURE	752 °F
FOR FLUID TYPE	Chemicals
PRODUCT SERIES	EO Light
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Straight
TECHNOLOGY	Fluid & Gas Handling
DIVISION	High Pressure Connectors Europe Division
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Gases
INDUSTRY	Marine
APPLICATION	Hydraulics
PRODUCT TYPE	Hydraulic DIN Fittings
MINIMUM FLUID TEMPERATURE	-76 °F
FOR FLUID TYPE	Fuels
SEAL TYPE	Sealing Edge
INDUSTRY	Construction
APPLICATION	Chemical Transfer
MINIMUM FLUID TEMPERATURE	-60 °C
CONNECTION 1 SIZE	18 mm Tube O.D.
FOR FLUID TYPE	Steam
INDUSTRY	Material Handling
APPLICATION	Fuel Transfer

**MAXIMUM AMBIENT
TEMPERATURE** 752 °F

CONNECTION 2 SIZE 12 mm Tube O.D.