Parker Product Datasheet



The main function of Ermeto tube-to-female high pressure hydraulic DIN tube fittings is to connect a tube with a port. The broad range of fittings is available in steel and stainless steel.

PART NUMBER: GAI10LR1/2CF
ACCESSORIES INCLUDED: Pre-assembled with Nut and EO-PSR Cutting Ring
CONNECTION 1 SIZE: 10 mm (O.D.)
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 2 SIZE: G 1/2
BODY MATERIAL: Steel
CONNECTION 2 TYPE: Female BSPP

PRODUCT OVERVIEW

The main function of Ermeto tube-to-female high pressure hydraulic DIN tube fittings is to connect a tube with a port. This broad range of DIN fittings from GAI-M and GAI-NPT is available in steel and in a stainless steel version. Depending on the specific application, these fittings can be delivered with cutting ring (EO-PSR or DPR) or elastomeric seal (EO-2).

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. These features extend the range of applications.
• Stainless steel surface: Ermeto DIN tube to female high pressure tube fittings in a 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: Tube-to-female fittings have pressure ratings of up to 400 bar (S series) and 315 bar (L series), so that the fittings can be used in a wide range of applications.

TECH SPECIFICATIONS

FOR FLUID TYPE	Steam
FOR FLUID TYPE	Fuels
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Gases
PRODUCT SERIES	EO Light
CONNECTION 1 TYPE	24° Cone
APPLICATION	Mobile Equipment
PRODUCT TYPE	Hydraulic DIN Fittings
MAXIMUM FLUID TEMPERATURE	300 °C
CONNECTION 2 TYPE	BSPP

CONFIGURATION	Tube to Port
APPLICATION	Fuel Transfer
MAXIMUM AMBIENT TEMPERATURE	300 °C
CONNECTION 1 SIZE	10 mm Tube O.D.
SEAL TYPE	Sealing Edge
BRAND	Ermeto
APPLICATION	Oilfield
MAXIMUM AMBIENT TEMPERATURE	572 °F
MAXIMUM FLUID TEMPERATURE	572 °F
CONNECTION 2 TYPE	Female
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Hydraulics
APPLICATION	Packaging
DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Transportation
MINIMUM AMBIENT TEMPERATURE	-40 °F
MINIMUM FLUID TEMPERATURE	-40 °C
BODY MATERIAL	Steel
SEAL MATERIAL	n/a
DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Agriculture
INDUSTRY	Material Handling
APPLICATION	Chemical Transfer

MINIMUM FLUID TEMPERATURE	-40 °F
SPECIFICATIONS MET	ISO 8434
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
INDUSTRY	Automotive
INDUSTRY	Marine
SHAPE	Straight
CONNECTION 2 SIZE	G 1/2 inch Thread
SPECIFICATIONS MET	DIN
INDUSTRY	Construction
CONNECTION 1 TYPE	Male
MAXIMUM OPERATING PRESSURE	315 bar
TECHNOLOGY	Fluid & Gas Handling
PRODUCT STYLE	Stud Fitting
SPECIFICATIONS MET	ISO 1179-1