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: GAI12SRCF
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 1 SIZE: 12 mm (O.D.)
CONNECTION 2 SIZE: G 3/8
CONNECTION 2 TYPE: Female BSPP
BODY MATERIAL: Steel
ACCESSORIES INCLUDED: Pre-assembled with Nut and EO-PSR Cutting Ring

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	Chemicals
CONNECTION 2 TYPE	BSPP
CONFIGURATION	Tube to Port
APPLICATION	Fuel Transfer
MAXIMUM AMBIENT TEMPERATURE	300 °C
MAXIMUM FLUID TEMPERATURE	572 °F
DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Agriculture
INDUSTRY	Material Handling
APPLICATION	Chemical Transfer

MINIMUM FLUID TEMPERATURE	-40 °F
BODY MATERIAL	Steel
SEAL MATERIAL	n/a
INDUSTRY	Automotive
INDUSTRY	Marine
SHAPE	Straight
CONNECTION 2 SIZE	G 3/8 inch Thread
PRODUCT STYLE	Stud Fitting
SPECIFICATIONS MET	ISO 1179-1
SPECIFICATIONS MET	DIN
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM OPERATING PRESSURE	400 bar
CONNECTION 1 TYPE	Male
INDUSTRY	Construction
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
SPECIFICATIONS MET	ISO 8434
MINIMUM FLUID TEMPERATURE	-40 °C
MINIMUM AMBIENT TEMPERATURE	-40 °F
INDUSTRY	Transportation
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM FLUID TEMPERATURE	300 °C
APPLICATION	Packaging
APPLICATION	Hydraulics
MINIMUM AMBIENT TEMPERATURE	-40 °C
CONNECTION 2 TYPE	Female
CONNECTION 1 SIZE	12 mm Tube O.D.

MAXIMUM AMBIENT TEMPERATURE	572 °F
APPLICATION	Oilfield
BRAND	Ermeto
SEAL TYPE	Sealing Edge
DIVISION	High Pressure Connectors Europe Division
PRODUCT TYPE	Hydraulic DIN Fittings
APPLICATION	Mobile Equipment
CONNECTION 1 TYPE	24° Cone
PRODUCT SERIES	EO Heavy
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Fuels
FOR FLUID TYPE	Steam