

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: GAI28LR3/4CFX
CONNECTION 1 SIZE: 28 mm (O.D.)
CONNECTION 1 TYPE: Male 24° Cone
BODY MATERIAL: Steel
ACCESSORIES INCLUDED: n/a
CONNECTION 2 SIZE: G 3/4
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

INDUSTRY	Agriculture
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM OPERATING PRESSURE	160 bar
MINIMUM FLUID TEMPERATURE	-40 °F
BODY MATERIAL	Steel
SPECIFICATIONS MET	ISO 8434
FOR FLUID TYPE	Steam
CONNECTION 1 TYPE	24° Cone
APPLICATION	Mobile Equipment
MAXIMUM AMBIENT TEMPERATURE	300 °C

CONNECTION 2 SIZE	G 3/4 inch Thread
PRODUCT SERIES	EO Light
CONFIGURATION	Tube to Port
APPLICATION	Fuel Transfer
APPLICATION	Oilfield
DIVISION	High Pressure Connectors Europe Division
CONNECTION 2 TYPE	BSPP
INDUSTRY	Marine
SHAPE	Straight
MINIMUM FLUID TEMPERATURE	-40 °C
MAXIMUM FLUID TEMPERATURE	572 °F
SPECIFICATIONS MET	ISO 1179-1
DIVISION	High Pressure Connectors Europe Division
CONNECTION 2 TYPE	Female
BRAND	Ermeto
APPLICATION	Chemical Transfer
APPLICATION	Packaging
MAXIMUM FLUID TEMPERATURE	300 °C
INDUSTRY	Transportation
MINIMUM AMBIENT TEMPERATURE	-40 °F
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Stud Fitting
ACCESSORIES INCLUDED	n/a
INDUSTRY	Automotive
SEAL TYPE	Sealing Edge
CONNECTION 1 TYPE	Male

APPLICATION	Hydraulics
MAXIMUM AMBIENT TEMPERATURE	572 °F
CONNECTION 1 SIZE	28 mm Tube O.D.
INDUSTRY	Construction
INDUSTRY	Material Handling
MINIMUM AMBIENT TEMPERATURE	-40 °C
TECHNOLOGY	Fluid & Gas Handling
SPECIFICATIONS MET	DIN
SEAL MATERIAL	n/a
FOR FLUID TYPE	Fuels
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Chemicals