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: GAI20SRCF
CONNECTION 1 TYPE: Male 24° Cone
BODY MATERIAL: Steel
CONNECTION 2 TYPE: Female BSPP
CONNECTION 2 SIZE: G 3/4
CONNECTION 1 SIZE: 20 mm (O.D.)
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

INDUSTRY	Construction
CONNECTION 1 TYPE	Male
MAXIMUM OPERATING PRESSURE	315 bar
TECHNOLOGY	Fluid & Gas Handling
PRODUCT SERIES	EO Heavy
CONNECTION 1 TYPE	24° Cone
APPLICATION	Mobile Equipment
PRODUCT TYPE	Hydraulic DIN Fittings
SEAL TYPE	Sealing Edge
BRAND	Ermeto
APPLICATION	Oilfield

MAXIMUM AMBIENT TEMPERATURE	572 °F
INDUSTRY	Automotive
INDUSTRY	Marine
SHAPE	Straight
CONNECTION 2 SIZE	G 3/4 inch Thread
FOR FLUID TYPE	Hydraulic Fluids
SPECIFICATIONS MET	ISO 8434
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
PRODUCT STYLE	Stud Fitting
SPECIFICATIONS MET	ISO 1179-1
BODY MATERIAL	Steel
SEAL MATERIAL	n/a
FOR FLUID TYPE	Fuels
DIVISION	High Pressure Connectors Europe Division
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FOR FLUID TYPE	Chemicals
CONNECTION 1 SIZE	20 mm Tube O.D.
MAXIMUM FLUID TEMPERATURE	572 °F
FOR FLUID TYPE	Steam
MAXIMUM FLUID TEMPERATURE	300 °C
FOR FLUID TYPE	Gases
SPECIFICATIONS MET	DIN
MINIMUM FLUID TEMPERATURE	-40 °F
APPLICATION	Chemical Transfer
INDUSTRY	Material Handling
INDUSTRY	Agriculture

APPLICATION	Packaging
APPLICATION	Hydraulics
MINIMUM AMBIENT TEMPERATURE	-40 °C
CONNECTION 2 TYPE	Female
MINIMUM FLUID TEMPERATURE	-40 °C
MINIMUM AMBIENT TEMPERATURE	-40 °F
INDUSTRY	Transportation
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM AMBIENT TEMPERATURE	300 °C
APPLICATION	Fuel Transfer
CONFIGURATION	Tube to Port
CONNECTION 2 TYPE	BSPP