

Parker Product Datasheet



The main function of Ermeto DIN male stud high pressure hydraulic tube fittings is to connect different numbers of tubes and hoses. This broad range of fittings is available in steel and in stainless steel.

PART NUMBER: GE12L1/8NPTCFX
SHAPE: Straight
OPTIONAL ACCESSORIES: n/a
SEAL MATERIAL: Metal Sealing Edge
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 2 TYPE: Male NPT
BODY MATERIAL: Steel
CONNECTION 1 SIZE: 12 mm (O.D.)
PRODUCT SERIES: EO Light
CONNECTION 2 SIZE: 1/8'-27

PRODUCT OVERVIEW

The main function of Ermeto DIN male stud high pressure hydraulic tube fittings is to connect different numbers of tubes or hoses. This broad range of fittings, types GEO, GE-M-ED, GE-R-ED up to GE-M 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.
- High pressure: Ermeto DIN male stud 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

FOR FLUID TYPE	Steam
CONNECTION 2 TYPE	Male
CONFIGURATION	Tube to Port
PRODUCT TYPE	Hydraulic DIN Fittings
INDUSTRY	Marine
APPLICATION	Chemical Transfer
APPLICATION	Mobile Hydraulics
FOR FLUID TYPE	Chemicals
INDUSTRY	Transportation
MAXIMUM OPERATING PRESSURE	315 bar

APPLICATION	Fuel Transfer
FOR FLUID TYPE	Gases
INDUSTRY	Agriculture
MINIMUM AMBIENT TEMPERATURE	-40 °C
MAXIMUM AMBIENT TEMPERATURE	248 °F
FOR FLUID TYPE	Fuels
INDUSTRY	Material Handling
MINIMUM AMBIENT TEMPERATURE	-40 °F
APPLICATION	Hydraulics
SEAL TYPE	Sealing Edge
INDUSTRY	Construction
BRAND	Ermeto
APPLICATION	Packaging
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Straight
APPLICATION	Oilfield
PRODUCT SERIES	EO Light
INDUSTRY	Automotive
CONNECTION 1 TYPE	Male
MAXIMUM AMBIENT TEMPERATURE	120 °C
MAXIMUM FLUID TEMPERATURE	120 °C
SEAL MATERIAL	Metal
CONNECTION 1 SIZE	12 mm Tube O.D.

PRODUCT STYLE	Stud Fitting
MAXIMUM FLUID TEMPERATURE	248 °F
SPECIFICATIONS MET	SAE J476
DIVISION	High Pressure Connectors Europe Division
BODY MATERIAL	Steel
CONNECTION 2 TYPE	NPT (SAE J476)
TECHNOLOGY	Fluid & Gas Handling
DIVISION	High Pressure Connectors Europe Division
CONNECTION 2 SIZE	1/8'-27 inch Thread
MINIMUM FLUID TEMPERATURE	-40 °F
CONNECTION 1 TYPE	24° Cone
MINIMUM FLUID TEMPERATURE	-40 °C
ACCESSORIES INCLUDED	n/a