

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: GE12LR3/4CF
SHAPE: Straight
CONNECTION 2 TYPE: Male BSPP
OPTIONAL ACCESSORIES: Pre-assembled with Nut and EO-PSR Cutting Ring
CONNECTION 2 SIZE: G 3/4 A
CONNECTION 1 TYPE: Male 24° Cone
SEAL MATERIAL: NBR
BODY MATERIAL: Steel
CONNECTION 1 SIZE: 12 mm (O.D.)
PRODUCT SERIES: EO Light

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	Gases
INDUSTRY	Automotive
INDUSTRY	Marine
APPLICATION	Chemical Transfer
CONNECTION 1 SIZE	12 mm Tube O.D.
FOR FLUID TYPE	Steam
CONFIGURATION	Tube to Port
APPLICATION	Packaging
PRODUCT TYPE	Hydraulic DIN Fittings
CONNECTION 1 TYPE	24° Cone

FOR FLUID TYPE	Fuels
INDUSTRY	Agriculture
INDUSTRY	Material Handling
APPLICATION	Fuel Transfer
CONNECTION 2 SIZE	G 3/4 A inch Thread
CONNECTION 2 TYPE	BSPP (ISO 1179)
CONNECTION 2 TYPE	Male
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Hydraulics
MAXIMUM AMBIENT TEMPERATURE	248 °F
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Construction
CONNECTION 1 TYPE	Male
SHAPE	Straight
MINIMUM FLUID TEMPERATURE	-40 °C
SEAL TYPE	Sealing Edge
BRAND	Ermeto
APPLICATION	Oilfield
TECHNOLOGY	Fluid & Gas Handling
SEAL MATERIAL	Metal
SPECIFICATIONS MET	ISO 1179
MAXIMUM FLUID TEMPERATURE	248 °F
DIVISION	High Pressure Connectors Europe Division
DIVISION	High Pressure Connectors Europe Division
BODY MATERIAL	Steel
MAXIMUM FLUID TEMPERATURE	120 °C

PRODUCT STYLE	Stud Fitting
MINIMUM FLUID TEMPERATURE	-40 °F
MAXIMUM OPERATING PRESSURE	315 bar
INDUSTRY	Transportation
INDUSTRY	Industrial Manufacturing Equipment
FOR FLUID TYPE	Chemicals
MAXIMUM AMBIENT TEMPERATURE	120 °C
APPLICATION	Mobile Hydraulics
MINIMUM AMBIENT TEMPERATURE	-40 °F
PRODUCT SERIES	EO Light
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring