

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: GE12L3/8NPT71
SHAPE: Straight
CONNECTION 2 SIZE: 3/8"-18
SEAL MATERIAL: FKM(VIT)
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 2 TYPE: Male NPT
CONNECTION 1 SIZE: 12 mm (O.D.)
PRODUCT SERIES: EO Light
BODY MATERIAL: Stainless Steel
OPTIONAL ACCESSORIES: Pre-assembled with Nut and EO-DPR Cutting Ring

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	Fuels
INDUSTRY	Agriculture
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM OPERATING PRESSURE	315 bar
TECHNOLOGY	Fluid & Gas Handling
SPECIFICATIONS MET	SAE J476
FOR FLUID TYPE	Gases
BRAND	Ermeto
APPLICATION	Fuel Transfer

MAXIMUM AMBIENT TEMPERATURE	400 °C
MAXIMUM FLUID TEMPERATURE	752 °F
SEAL TYPE	Sealing Edge
MINIMUM AMBIENT TEMPERATURE	-60 °C
APPLICATION	Mobile Hydraulics
PRODUCT TYPE	Hydraulic DIN Fittings
DIVISION	High Pressure Connectors Europe Division
FOR FLUID TYPE	Chemicals
CONNECTION 2 TYPE	Male
INDUSTRY	Marine
MINIMUM AMBIENT TEMPERATURE	-76 °F
MINIMUM FLUID TEMPERATURE	-60 °C
SEAL MATERIAL	Metal
PRODUCT SERIES	EO Light
CONFIGURATION	Tube to Port
APPLICATION	Oilfield
MAXIMUM AMBIENT TEMPERATURE	752 °F
CONNECTION 1 SIZE	12 mm Tube O.D.
INDUSTRY	Automotive
INDUSTRY	Transportation
SHAPE	Straight
CONNECTION 2 SIZE	3/8'-18 inch
PRODUCT STYLE	Stud Fitting
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-DPR Cutting Ring

FOR FLUID TYPE	Steam
CONNECTION 1 TYPE	Male
APPLICATION	Hydraulics
APPLICATION	Packaging
MAXIMUM FLUID TEMPERATURE	400 °C
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Construction
INDUSTRY	Material Handling
APPLICATION	Chemical Transfer
MINIMUM FLUID TEMPERATURE	-76 °F
BODY MATERIAL	Stainless Steel
CONNECTION 1 TYPE	24° Cone
CONNECTION 2 TYPE	NPT (SAE J476)
DIVISION	High Pressure Connectors Europe Division