

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: GE10LR1/4KEG71X
SHAPE: Straight
OPTIONAL ACCESSORIES: n/a
SEAL MATERIAL: Metal Sealing Edge
CONNECTION 1 SIZE: 10 mm (O.D.)
CONNECTION 1 TYPE: Male 24° Cone
PRODUCT SERIES: EO Light
BODY MATERIAL: Stainless Steel
CONNECTION 2 TYPE: Male BSPT
CONNECTION 2 SIZE: R 1/4

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

ACCESSORIES INCLUDED	n/a
CONNECTION 2 TYPE	Male
BRAND	Ermeto
MINIMUM AMBIENT TEMPERATURE	-76 °F
MAXIMUM AMBIENT TEMPERATURE	752 °F
SEAL MATERIAL	Metal
INDUSTRY	Automotive
MINIMUM AMBIENT TEMPERATURE	-60 °C

SHAPE	Straight
APPLICATION	Packaging
PRODUCT STYLE	Stud Fitting
INDUSTRY	Agriculture
CONNECTION 1 TYPE	Male
MAXIMUM OPERATING PRESSURE	315 bar
PRODUCT TYPE	Hydraulic DIN Fittings
SPECIFICATIONS MET	DIN 3852
CONNECTION 1 TYPE	24° Cone
INDUSTRY	Construction
CONFIGURATION	Tube to Port
APPLICATION	Chemical Transfer
MAXIMUM AMBIENT TEMPERATURE	400 °C
BODY MATERIAL	Stainless Steel
FOR FLUID TYPE	Fuels
SEAL TYPE	Sealing Edge
INDUSTRY	Transportation
APPLICATION	Mobile Hydraulics
TECHNOLOGY	Fluid & Gas Handling
DIVISION	High Pressure Connectors Europe Division
FOR FLUID TYPE	Steam
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	Hydraulics
CONNECTION 2 SIZE	R 1/4 inch Thread
MAXIMUM FLUID TEMPERATURE	400 °C
FOR FLUID TYPE	Hydraulic Fluids

FOR FLUID TYPE	Gases
INDUSTRY	Marine
APPLICATION	Fuel Transfer
MINIMUM FLUID TEMPERATURE	-76 °F
CONNECTION 2 TYPE	BSPT (DIN 3852-2, type C)
MAXIMUM FLUID TEMPERATURE	752 °F
DIVISION	High Pressure Connectors Europe Division
FOR FLUID TYPE	Chemicals
PRODUCT SERIES	EO Light
INDUSTRY	Material Handling
APPLICATION	Oilfield
MINIMUM FLUID TEMPERATURE	-60 °C
CONNECTION 1 SIZE	10 mm Tube O.D.