

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: GE18LR1/2KEGCFX

SHAPE: Straight

CONNECTION 2 SIZE: R 1/2

CONNECTION 2 TYPE: Male BSPT

OPTIONAL ACCESSORIES: n/a

CONNECTION 1 SIZE: 18 mm (O.D.)

SEAL MATERIAL: Metal Sealing Edge

CONNECTION 1 TYPE: Male 24° Cone

BODY MATERIAL: Steel

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

CONNECTION 2 TYPE	BSPT (DIN 3852-2, type C)
FOR FLUID TYPE	Chemicals
INDUSTRY	Marine
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Fuel Transfer
FOR FLUID TYPE	Steam
INDUSTRY	Automotive
CONNECTION 1 TYPE	Male
APPLICATION	Oilfield

FOR FLUID TYPE	Fuels
CONNECTION 2 TYPE	Male
CONFIGURATION	Tube to Port
MAXIMUM AMBIENT TEMPERATURE	120 °C
CONNECTION 1 TYPE	24° Cone
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Material Handling
MINIMUM AMBIENT TEMPERATURE	-40 °F
APPLICATION	Chemical Transfer
FOR FLUID TYPE	Gases
PRODUCT SERIES	EO Light
BRAND	Ermeto
MAXIMUM AMBIENT TEMPERATURE	248 °F
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Straight
APPLICATION	Hydraulics
SEAL TYPE	Sealing Edge
INDUSTRY	Agriculture
INDUSTRY	Transportation
APPLICATION	Packaging
INDUSTRY	Construction
MAXIMUM OPERATING PRESSURE	315 bar
APPLICATION	Mobile Hydraulics
MINIMUM FLUID TEMPERATURE	-40 °C
PRODUCT TYPE	Hydraulic DIN Fittings

ACCESSORIES INCLUDED	n/a
MINIMUM FLUID TEMPERATURE	-40 °F
DIVISION	High Pressure Connectors Europe Division
TECHNOLOGY	Fluid & Gas Handling
SEAL MATERIAL	Metal
CONNECTION 2 SIZE	R 1/2 inch Thread
BODY MATERIAL	Steel
MAXIMUM FLUID TEMPERATURE	120 °C
PRODUCT STYLE	Stud Fitting
DIVISION	High Pressure Connectors Europe Division
SPECIFICATIONS MET	DIN 3852
CONNECTION 1 SIZE	18 mm Tube O.D.
MAXIMUM FLUID TEMPERATURE	248 °F