

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: GE42LR2EDOMDCF

SHAPE: Straight

CONNECTION 1 SIZE: 42 mm (O.D.)

BODY MATERIAL: Steel

CONNECTION 1 TYPE: Male 24° Cone

PRODUCT SERIES: EO Light

SEAL MATERIAL: NBR

CONNECTION 2 TYPE: Male BSPP

CONNECTION 2 SIZE: G 2 A

OPTIONAL ACCESSORIES: n/a

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

DIVISION	High Pressure Connectors Europe Division
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MAXIMUM OPERATING PRESSURE	250 bar
FOR FLUID TYPE	Fuels
FOR FLUID TYPE	Steam
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Chemicals
INDUSTRY	Automotive
INDUSTRY	Marine

INDUSTRY	Construction
INDUSTRY	Agriculture
INDUSTRY	Material Handling
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Transportation
SPECIFICATIONS MET	ISO 1179
SHAPE	Straight
APPLICATION	Fuel Transfer
APPLICATION	Oilfield
APPLICATION	Mobile Hydraulics
APPLICATION	Chemical Transfer
APPLICATION	Packaging
APPLICATION	Hydraulics
BRAND	Ermeto
TECHNOLOGY	Fluid & Gas Handling
PRODUCT STYLE	Stud Fitting
CONNECTION 1 SIZE	42 mm Tube O.D.
BODY MATERIAL	Steel
CONNECTION 1 TYPE	Male
CONNECTION 1 TYPE	24° Cone
PRODUCT SERIES	EO Light
PRODUCT TYPE	Hydraulic DIN Fittings
SEAL MATERIAL	NBR
CONFIGURATION	Tube to Port
ACCESSORIES INCLUDED	n/a
CONNECTION 2 TYPE	Male
CONNECTION 2 TYPE	BSPP (ISO 1179)

CONNECTION 2 SIZE G 2 A inch Thread

**MAXIMUM AMBIENT
TEMPERATURE** 120 °C

**MAXIMUM AMBIENT
TEMPERATURE** 248 °F

**MINIMUM AMBIENT
TEMPERATURE** -50 °C

**MINIMUM AMBIENT
TEMPERATURE** -58 °F

MAXIMUM FLUID TEMPERATURE 248 °F

MAXIMUM FLUID TEMPERATURE 120 °C

MINIMUM FLUID TEMPERATURE -50 °C

MINIMUM FLUID TEMPERATURE -58 °F

SEAL TYPE ED Seal