

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: GE38SR1EDOMD71

PRODUCT SERIES: EO Heavy

SHAPE: Straight

CONNECTION 2 TYPE: Male BSPP

SEAL MATERIAL: FKM(VIT)

OPTIONAL ACCESSORIES: n/a

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 1 SIZE: 38 mm (O.D.)

CONNECTION 2 SIZE: G 1 A

BODY MATERIAL: Stainless Steel

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

INDUSTRY	Construction
BRAND	Ermeto
MINIMUM AMBIENT TEMPERATURE	-40 °F
MAXIMUM AMBIENT TEMPERATURE	482 °F
SEAL MATERIAL	FKM
DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Agriculture
MINIMUM AMBIENT TEMPERATURE	-40 °C

SHAPE	Straight
APPLICATION	Packaging
PRODUCT STYLE	Stud Fitting
INDUSTRY	Automotive
CONNECTION 1 TYPE	Male
MAXIMUM OPERATING PRESSURE	315 bar
PRODUCT TYPE	Hydraulic DIN Fittings
SPECIFICATIONS MET	ISO 1179
CONNECTION 2 TYPE	BSPP (ISO 1179)
FOR FLUID TYPE	Fuels
SEAL TYPE	ED Seal
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	Hydraulics
CONNECTION 2 SIZE	G 1 A inch Thread
MAXIMUM FLUID TEMPERATURE	250 °C
ACCESSORIES INCLUDED	n/a
CONNECTION 1 SIZE	38 mm Tube O.D.
MINIMUM FLUID TEMPERATURE	-35 °C
APPLICATION	Oilfield
INDUSTRY	Material Handling
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Hydraulic Fluids
MAXIMUM FLUID TEMPERATURE	482 °F
MINIMUM FLUID TEMPERATURE	-31 °F
APPLICATION	Fuel Transfer
INDUSTRY	Marine
PRODUCT SERIES	EO Heavy

FOR FLUID TYPE

Chemicals

DIVISION

High Pressure Connectors Europe Division

TECHNOLOGY

Fluid & Gas Handling

APPLICATION

Mobile Hydraulics

INDUSTRY

Transportation

FOR FLUID TYPE

Steam

BODY MATERIAL

Stainless Steel

**MAXIMUM AMBIENT
TEMPERATURE**

250 °C

APPLICATION

Chemical Transfer

CONFIGURATION

Tube to Port

CONNECTION 2 TYPE

Male

CONNECTION 1 TYPE

24° Cone