

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: EGE10SR1/4EDCF
PRODUCT SERIES: EO Heavy
SHAPE: Straight
CONNECTION 1 TYPE: Male 24° Cone (with O-Ring)
CONNECTION 2 TYPE: Male BSPP
OPTIONAL ACCESSORIES: n/a
CONNECTION 1 SIZE: 10 mm (O.D.)
SEAL MATERIAL: NBR
BODY MATERIAL: Steel
CONNECTION 2 SIZE: G 1/4 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

FOR FLUID TYPE	Gases
INDUSTRY	Marine
CONNECTION 1 TYPE	Male
APPLICATION	Mobile Hydraulics
MAXIMUM FLUID TEMPERATURE	248 °F
PRODUCT SERIES	EO Heavy
INDUSTRY	Material Handling
MINIMUM AMBIENT TEMPERATURE	-50 °C
APPLICATION	Hydraulics

CONNECTION 1 SIZE	10 mm Tube O.D.
DIVISION	High Pressure Connectors Europe Division
CONNECTION 2 TYPE	BSPP (ISO 1179)
CONNECTION 1 TYPE	24° Cone (with O-Ring)
BODY MATERIAL	Steel
ACCESSORIES INCLUDED	n/a
SPECIFICATIONS MET	ISO 1179
SEAL MATERIAL	NBR
PRODUCT STYLE	Adjustable Position
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM AMBIENT TEMPERATURE	120 °C
APPLICATION	Chemical Transfer
INDUSTRY	Automotive
FOR FLUID TYPE	Fuels
MAXIMUM FLUID TEMPERATURE	120 °C
APPLICATION	Oilfield
BRAND	Ermeto
INDUSTRY	Industrial Manufacturing Equipment
FOR FLUID TYPE	Steam
MINIMUM FLUID TEMPERATURE	-50 °C
APPLICATION	Packaging
SHAPE	Straight
INDUSTRY	Construction
FOR FLUID TYPE	Chemicals
CONNECTION 2 SIZE	G 1/4 A inch Thread
MAXIMUM AMBIENT TEMPERATURE	248 °F

MINIMUM AMBIENT TEMPERATURE	-58 °F
INDUSTRY	Agriculture
DIVISION	High Pressure Connectors Europe Division
APPLICATION	Fuel Transfer
CONFIGURATION	Swivel to Port
INDUSTRY	Transportation
SEAL TYPE	ED Seal
MINIMUM FLUID TEMPERATURE	-58 °F
PRODUCT TYPE	Hydraulic DIN Fittings
MAXIMUM OPERATING PRESSURE	315 bar
CONNECTION 2 TYPE	Male
FOR FLUID TYPE	Hydraulic Fluids