

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: GE28LM27EDOMDCF
CONNECTION 1 SIZE: 28 mm (O.D.)
CONNECTION 2 TYPE: Male Metric
OPTIONAL ACCESSORIES: n/a
CONNECTION 1 TYPE: Male 24° Cone
SEAL MATERIAL: NBR
BODY MATERIAL: Steel
CONNECTION 2 SIZE: M27x2.0
PRODUCT SERIES: EO Light
SHAPE: Straight

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	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
FOR FLUID TYPE	Hydraulic Fluids

INDUSTRY	Material Handling
MINIMUM AMBIENT TEMPERATURE	-58 °F
APPLICATION	Chemical Transfer
FOR FLUID TYPE	Gases
PRODUCT SERIES	EO Light
BRAND	Ermeto
MAXIMUM AMBIENT TEMPERATURE	248 °F
SEAL TYPE	ED Seal
INDUSTRY	Agriculture
INDUSTRY	Transportation
APPLICATION	Packaging
INDUSTRY	Construction
MAXIMUM OPERATING PRESSURE	250 bar
APPLICATION	Mobile Hydraulics
PRODUCT TYPE	Hydraulic DIN Fittings
ACCESSORIES INCLUDED	n/a
MINIMUM FLUID TEMPERATURE	-58 °F
DIVISION	High Pressure Connectors Europe Division
CONNECTION 2 SIZE	M27x2.0 mm Thread
BODY MATERIAL	Steel
MAXIMUM FLUID TEMPERATURE	120 °C
PRODUCT STYLE	Stud Fitting
CONNECTION 2 TYPE	Metric (ISO 9974)
CONNECTION 1 SIZE	28 mm Tube O.D.
MAXIMUM FLUID TEMPERATURE	248 °F
SPECIFICATIONS MET	ISO 9974

DIVISION	High Pressure Connectors Europe Division
CONNECTION 1 TYPE	24° Cone
SEAL MATERIAL	NBR
TECHNOLOGY	Fluid & Gas Handling
MINIMUM FLUID TEMPERATURE	-50 °C
APPLICATION	Hydraulics
SHAPE	Straight
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	Fuel Transfer
MINIMUM AMBIENT TEMPERATURE	-50 °C
INDUSTRY	Marine
FOR FLUID TYPE	Chemicals