

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: GE18LM27X2CFX
SHAPE: Straight
SEAL MATERIAL: Metal Sealing Edge
CONNECTION 1 TYPE: Male 24° Cone
BODY MATERIAL: Steel
PRODUCT SERIES: EO Light
CONNECTION 2 SIZE: M27x2.0
CONNECTION 1 SIZE: 18 mm (O.D.)
OPTIONAL ACCESSORIES: n/a
CONNECTION 2 TYPE: Male Metric

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

PRODUCT SERIES	EO Light
MINIMUM AMBIENT TEMPERATURE	-40 °F
MAXIMUM AMBIENT TEMPERATURE	248 °F
MINIMUM FLUID TEMPERATURE	-40 °C
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Transportation
APPLICATION	Hydraulics
MAXIMUM FLUID TEMPERATURE	120 °C
CONNECTION 2 TYPE	Metric (ISO 9974)

MAXIMUM AMBIENT TEMPERATURE	120 °C
MINIMUM FLUID TEMPERATURE	-40 °F
CONNECTION 1 TYPE	24° Cone
INDUSTRY	Marine
CONFIGURATION	Tube to Port
APPLICATION	Fuel Transfer
CONNECTION 2 SIZE	M27x2.0 mm Thread
INDUSTRY	Automotive
MAXIMUM OPERATING PRESSURE	250 bar
APPLICATION	Oilfield
TECHNOLOGY	Fluid & Gas Handling
DIVISION	High Pressure Connectors Europe Division
SEAL MATERIAL	Metal
FOR FLUID TYPE	Hydraulic Fluids
ACCESSORIES INCLUDED	n/a
FOR FLUID TYPE	Steam
SPECIFICATIONS MET	ISO 9974
MINIMUM AMBIENT TEMPERATURE	-40 °C
CONNECTION 2 TYPE	Male
CONNECTION 1 SIZE	18 mm Tube O.D.
APPLICATION	Chemical Transfer
BRAND	Ermeto
INDUSTRY	Material Handling
BODY MATERIAL	Steel
FOR FLUID TYPE	Fuels
PRODUCT STYLE	Stud Fitting

SEAL TYPE	Sealing Edge
MAXIMUM FLUID TEMPERATURE	248 °F
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Chemicals
PRODUCT TYPE	Hydraulic DIN Fittings
APPLICATION	Packaging
SHAPE	Straight
INDUSTRY	Agriculture
DIVISION	High Pressure Connectors Europe Division
APPLICATION	Mobile Hydraulics
CONNECTION 1 TYPE	Male
INDUSTRY	Construction