

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: GE42LR71X
SHAPE: Straight
CONNECTION 1 SIZE: 42 mm (O.D.)
BODY MATERIAL: Stainless Steel
CONNECTION 1 TYPE: Male 24° Cone
PRODUCT SERIES: EO Light
SEAL MATERIAL: Metal Sealing Edge
CONNECTION 2 TYPE: Male BSPP
CONNECTION 2 SIZE: G 1-1/2 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	160 bar
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Steam
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Fuels
INDUSTRY	Material Handling
INDUSTRY	Automotive

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

CONNECTION 2 SIZE	G 1-1/2 A inch Thread
MAXIMUM AMBIENT TEMPERATURE	400 °C
MAXIMUM AMBIENT TEMPERATURE	752 °F
MINIMUM AMBIENT TEMPERATURE	-76 °F
MINIMUM AMBIENT TEMPERATURE	-60 °C
MAXIMUM FLUID TEMPERATURE	752 °F
MAXIMUM FLUID TEMPERATURE	400 °C
MINIMUM FLUID TEMPERATURE	-60 °C
MINIMUM FLUID TEMPERATURE	-76 °F
SEAL TYPE	Sealing Edge