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: GE42L11/2NPTCFX
SHAPE: Straight
CONNECTION 1 SIZE: 42 mm (O.D.)
OPTIONAL ACCESSORIES: n/a
SEAL MATERIAL: Metal Sealing Edge
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 2 TYPE: Male NPT
BODY MATERIAL: Steel
CONNECTION 2 SIZE: 1-1/2'-11-1/2
PRODUCT SERIES: EO Light

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	Fuels
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Hydraulic Fluids
DIVISION	High Pressure Connectors Europe Division
CONNECTION 2 TYPE	NPT (SAE J476)
SEAL TYPE	Sealing Edge
CONNECTION 1 TYPE	24° Cone
FOR FLUID TYPE	Steam
INDUSTRY	Material Handling

BRAND	Ermeto
APPLICATION	Chemical Transfer
CONNECTION 1 SIZE	42 mm Tube O.D.
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Transportation
APPLICATION	Hydraulics
MAXIMUM FLUID TEMPERATURE	120 °C
ACCESSORIES INCLUDED	n/a
INDUSTRY	Agriculture
SHAPE	Straight
APPLICATION	Packaging
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Stud Fitting
INDUSTRY	Automotive
MAXIMUM OPERATING PRESSURE	160 bar
APPLICATION	Oilfield
TECHNOLOGY	Fluid & Gas Handling
SPECIFICATIONS MET	SAE J476
MAXIMUM FLUID TEMPERATURE	248 °F
MINIMUM FLUID TEMPERATURE	-40 °C
MAXIMUM AMBIENT TEMPERATURE	248 °F
MINIMUM AMBIENT TEMPERATURE	-40 °F
PRODUCT SERIES	EO Light
BODY MATERIAL	Steel
MINIMUM FLUID TEMPERATURE	-40 °F

MAXIMUM AMBIENT TEMPERATURE	120 °C
MINIMUM AMBIENT TEMPERATURE	-40 °C
CONNECTION 2 TYPE	Male
SEAL MATERIAL	Metal
DIVISION	High Pressure Connectors Europe Division
APPLICATION	Mobile Hydraulics
CONNECTION 1 TYPE	Male
INDUSTRY	Construction
CONNECTION 2 SIZE	1-1/2'-11-1/2 inch
APPLICATION	Fuel Transfer
CONFIGURATION	Tube to Port
INDUSTRY	Marine