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: GE42L11/2NPTCF
SHAPE: Straight
CONNECTION 1 SIZE: 42 mm (O.D.)
OPTIONAL ACCESSORIES: Pre-assembled with Nut and EO-PSR Cutting Ring
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 2 TYPE: Male NPT
SEAL MATERIAL: NBR
BODY MATERIAL: Steel
PRODUCT SERIES: EO Light
CONNECTION 2 SIZE: 1-1/2'-11-1/2

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

CONNECTION 1 TYPE	24° Cone
MAXIMUM AMBIENT TEMPERATURE	248 °F
FOR FLUID TYPE	Chemicals
CONNECTION 2 TYPE	Male
INDUSTRY	Construction
MINIMUM AMBIENT TEMPERATURE	-40 °F
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Stud Fitting
CONNECTION 2 TYPE	NPT (SAE J476)

FOR FLUID TYPE	Hydraulic Fluids
PRODUCT SERIES	EO Light
INDUSTRY	Industrial Manufacturing Equipment
MINIMUM AMBIENT TEMPERATURE	-40 °C
TECHNOLOGY	Fluid & Gas Handling
SPECIFICATIONS MET	SAE J476
DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Agriculture
INDUSTRY	Material Handling
MAXIMUM OPERATING PRESSURE	160 bar
MINIMUM FLUID TEMPERATURE	-40 °F
BODY MATERIAL	Steel
SEAL MATERIAL	Metal
MAXIMUM FLUID TEMPERATURE	120 °C
APPLICATION	Packaging
APPLICATION	Chemical Transfer
CONNECTION 1 TYPE	Male
FOR FLUID TYPE	Fuels
APPLICATION	Oilfield
APPLICATION	Fuel Transfer
INDUSTRY	Transportation
FOR FLUID TYPE	Gases
CONNECTION 2 SIZE	1-1/2'-11-1/2 inch
MAXIMUM AMBIENT TEMPERATURE	120 °C
APPLICATION	Mobile Hydraulics
BRAND	Ermeto

SEAL TYPE	Sealing Edge
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
MAXIMUM FLUID TEMPERATURE	248 °F
MINIMUM FLUID TEMPERATURE	-40 °C
SHAPE	Straight
INDUSTRY	Marine
INDUSTRY	Automotive
CONNECTION 1 SIZE	42 mm Tube O.D.
APPLICATION	Hydraulics
CONFIGURATION	Tube to Port
FOR FLUID TYPE	Steam
DIVISION	High Pressure Connectors Europe Division