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: GE12SR3/4EDOMD71
PRODUCT SERIES: EO Heavy
SHAPE: Straight
CONNECTION 2 TYPE: Male BSPP
SEAL MATERIAL: FKM(VIT)
OPTIONAL ACCESSORIES: n/a
CONNECTION 2 SIZE: G 3/4 A
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 1 SIZE: 12 mm (O.D.)
BODY MATERIAL: Stainless Steel

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 Heavy
INDUSTRY	Marine
CONFIGURATION	Tube to Port
APPLICATION	Packaging
MAXIMUM FLUID TEMPERATURE	482 °F
FOR FLUID TYPE	Gases
INDUSTRY	Automotive
MAXIMUM OPERATING PRESSURE	630 bar
PRODUCT TYPE	Hydraulic DIN Fittings
CONNECTION 1 SIZE	12 mm Tube O.D.

SPECIFICATIONS MET	ISO 1179
FOR FLUID TYPE	Chemicals
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	Chemical Transfer
MAXIMUM AMBIENT TEMPERATURE	250 °C
MINIMUM FLUID TEMPERATURE	-31 °F
ACCESSORIES INCLUDED	n/a
CONNECTION 2 TYPE	Male
INDUSTRY	Material Handling
BRAND	Ermeto
APPLICATION	Oilfield
BODY MATERIAL	Stainless Steel
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Construction
APPLICATION	Fuel Transfer
MAXIMUM AMBIENT TEMPERATURE	482 °F
MINIMUM FLUID TEMPERATURE	-35 °C
SEAL MATERIAL	FKM
SEAL TYPE	ED Seal
CONNECTION 1 TYPE	Male
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Hydraulics
MAXIMUM FLUID TEMPERATURE	250 °C
DIVISION	High Pressure Connectors Europe Division
FOR FLUID TYPE	Fuels

INDUSTRY	Agriculture
SHAPE	Straight
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 2 SIZE	G 3/4 A inch Thread
PRODUCT STYLE	Stud Fitting
FOR FLUID TYPE	Steam
INDUSTRY	Transportation
MINIMUM AMBIENT TEMPERATURE	-40 °F
APPLICATION	Mobile Hydraulics
DIVISION	High Pressure Connectors Europe Division
CONNECTION 2 TYPE	BSPP (ISO 1179)
CONNECTION 1 TYPE	24° Cone