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: GE10S3/8NPTCFX
PRODUCT SERIES: EO Heavy
SHAPE: Straight
CONNECTION 2 SIZE: 3/8'-18
OPTIONAL ACCESSORIES: n/a
SEAL MATERIAL: Metal Sealing Edge
CONNECTION 1 SIZE: 10 mm (O.D.)
CONNECTION 1 TYPE: Male 24° Cone
CONNECTION 2 TYPE: Male NPT
BODY MATERIAL: 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

APPLICATION	Chemical Transfer
MINIMUM FLUID TEMPERATURE	-40 °F
BODY MATERIAL	Steel
CONNECTION 1 TYPE	24° Cone
APPLICATION	Mobile Hydraulics
PRODUCT TYPE	Hydraulic DIN Fittings
DIVISION	High Pressure Connectors Europe Division
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APPLICATION	Fuel Transfer

MAXIMUM AMBIENT TEMPERATURE	120 °C
MAXIMUM FLUID TEMPERATURE	248 °F
SHAPE	Straight
CONNECTION 2 SIZE	3/8'-18 inch
PRODUCT STYLE	Stud Fitting
ACCESSORIES INCLUDED	n/a
APPLICATION	Hydraulics
APPLICATION	Packaging
MAXIMUM FLUID TEMPERATURE	120 °C
CONNECTION 2 TYPE	NPT (SAE J476)
APPLICATION	Oilfield
MAXIMUM AMBIENT TEMPERATURE	248 °F
CONNECTION 1 SIZE	10 mm Tube O.D.
FOR FLUID TYPE	Fuels
INDUSTRY	Agriculture
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Automotive
INDUSTRY	Transportation
FOR FLUID TYPE	Steam
CONNECTION 1 TYPE	Male
SEAL TYPE	Sealing Edge
MINIMUM AMBIENT TEMPERATURE	-40 °C
BRAND	Ermeto
FOR FLUID TYPE	Gases
CONFIGURATION	Tube to Port

PRODUCT SERIES	EO Heavy
INDUSTRY	Marine
CONNECTION 2 TYPE	Male
FOR FLUID TYPE	Chemicals
INDUSTRY	Material Handling
INDUSTRY	Construction
FOR FLUID TYPE	Hydraulic Fluids
SPECIFICATIONS MET	SAE J476
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM OPERATING PRESSURE	630 bar
SEAL MATERIAL	Metal
MINIMUM FLUID TEMPERATURE	-40 °C
MINIMUM AMBIENT TEMPERATURE	-40 °F