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: GE20SR1/2CFX
PRODUCT SERIES: EO Heavy
SHAPE: Straight
CONNECTION 2 TYPE: Male BSPP
CONNECTION 1 SIZE: 20 mm (O.D.)
OPTIONAL ACCESSORIES: n/a
SEAL MATERIAL: Metal Sealing Edge
CONNECTION 1 TYPE: Male 24° Cone
BODY MATERIAL: Steel
CONNECTION 2 SIZE: G 1/2 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

CONNECTION 2 TYPE	BSPP (ISO 1179)
SEAL TYPE	Sealing Edge
INDUSTRY	Construction
MAXIMUM OPERATING PRESSURE	400 bar
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM FLUID TEMPERATURE	120 °C
SEAL MATERIAL	Metal
CONNECTION 2 TYPE	Male
INDUSTRY	Marine

MINIMUM AMBIENT TEMPERATURE	-40 °C
MAXIMUM AMBIENT TEMPERATURE	248 °F
BODY MATERIAL	Steel
CONNECTION 1 TYPE	24° Cone
FOR FLUID TYPE	Hydraulic Fluids
PRODUCT SERIES	EO Heavy
INDUSTRY	Automotive
MINIMUM AMBIENT TEMPERATURE	-40 °F
MINIMUM FLUID TEMPERATURE	-40 °C
MAXIMUM FLUID TEMPERATURE	248 °F
SPECIFICATIONS MET	ISO 1179
DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Agriculture
INDUSTRY	Industrial Manufacturing Equipment
CONFIGURATION	Tube to Port
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Stud Fitting
ACCESSORIES INCLUDED	n/a
FOR FLUID TYPE	Gases
BRAND	Ermeto
APPLICATION	Chemical Transfer
APPLICATION	Mobile Hydraulics
CONNECTION 1 SIZE	20 mm Tube O.D.
CONNECTION 2 SIZE	G 1/2 A inch Thread
FOR FLUID TYPE	Fuels

INDUSTRY	Material Handling
APPLICATION	Fuel Transfer
MAXIMUM AMBIENT TEMPERATURE	120 °C
FOR FLUID TYPE	Chemicals
INDUSTRY	Transportation
APPLICATION	Hydraulics
APPLICATION	Packaging
MINIMUM FLUID TEMPERATURE	-40 °F
FOR FLUID TYPE	Steam
CONNECTION 1 TYPE	Male
SHAPE	Straight
APPLICATION	Oilfield
DIVISION	High Pressure Connectors Europe Division