

Parker Product Datasheet



The main function of Ermeto DIN tube to tube high pressure hydraulic tube fittings is to connect different numbers of tubes. This broad range of fittings is available in steel and in stainless steel.

PART NUMBER: GR18/15LCF

SHAPE: Straight

CONNECTION 2 SIZE: 15 mm (O.D.)

CONNECTION 1 TYPE: Male 24° Cone

BODY MATERIAL: Steel

CONNECTION 2 TYPE: Male 24° Cone

CONNECTION 1 SIZE: 18 mm (O.D.)

PRODUCT STYLE: Reducer

ACCESSORIES INCLUDED: Pre-assembled with Nut and EO-PSR Cutting Ring

PRODUCT OVERVIEW

The main function of Ermeto DIN tube to tube high pressure hydraulic tube fittings is to connect different numbers of tubes. This broad range of Ermeto DIN tube to tube high pressure hydraulic tube fittings, types G, GR, W, T, TR, K, SV, up to WSV is available in steel and in a stainless steel version. Depending on the specific application, the 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
- Material 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 tube to tube high pressure hydraulic tube fittings can be used in applications 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	Steam
INDUSTRY	Agriculture
CONFIGURATION	Tube to Tube
MAXIMUM AMBIENT TEMPERATURE	300 °C
CONNECTION 2 SIZE	15 mm Tube O.D.
BODY MATERIAL	Steel
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Marine
SHAPE	Straight
APPLICATION	Hydraulics

PRODUCT SERIES	EO Light
INDUSTRY	Construction
CONNECTION 1 TYPE	24° Cone
APPLICATION	Oilfield
DIVISION	High Pressure Connectors Europe Division
SPECIFICATIONS MET	DIN
DIVISION	High Pressure Connectors Europe Division
SEAL MATERIAL	n/a
PRODUCT TYPE	Hydraulic DIN Fittings
PRODUCT STYLE	Reducer
MAXIMUM FLUID TEMPERATURE	300 °C
APPLICATION	Packaging
CONNECTION 1 TYPE	Male
INDUSTRY	Automotive
CONNECTION 2 TYPE	Male
MINIMUM FLUID TEMPERATURE	-40 °C
APPLICATION	Chemical Transfer
MINIMUM AMBIENT TEMPERATURE	-40 °F
INDUSTRY	Transportation
FOR FLUID TYPE	Fuels
MAXIMUM FLUID TEMPERATURE	572 °F
CONNECTION 1 SIZE	18 mm Tube O.D.
MAXIMUM AMBIENT TEMPERATURE	572 °F
BRAND	Ermeto
CONNECTION 2 TYPE	24° Cone
SEAL TYPE	Sealing Edge

ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-PSR Cutting Ring
MINIMUM FLUID TEMPERATURE	-40 °F
APPLICATION	Fuel Transfer
MINIMUM AMBIENT TEMPERATURE	-40 °C
INDUSTRY	Material Handling
FOR FLUID TYPE	Gases
SPECIFICATIONS MET	ISO 8434
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Mobile Equipment
MAXIMUM OPERATING PRESSURE	400 bar
INDUSTRY	Industrial Manufacturing Equipment
FOR FLUID TYPE	Chemicals