

Parker Product Datasheet



The key function of Ermeto DIN tube to swivel high pressure hydraulic tube fittings is to connect different numbers of tubes or hoses. The fittings are available in steel and stainless steel.

PART NUMBER: RED18/12L71

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

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 2 TYPE: Male 24° Cone (with O-Ring)

SEAL MATERIAL: FKM

PRODUCT SERIES: EO Light

BODY MATERIAL: Stainless Steel

CONNECTION 2 SIZE: 12 mm (O.D.)

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

SHAPE: Straight

PRODUCT OVERVIEW

The main function of Ermeto DIN tube to swivel high pressure hydraulic tube fittings is to connect different numbers of tubes or hose. This broad range of DIN tube to swivel fittings, types EW, ET, EL, EVW, EVT, EVL, DA, RED up to KOR is available in steel and 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 swivel 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

INDUSTRY	Transportation
MINIMUM AMBIENT TEMPERATURE	-60 °C
APPLICATION	Hydraulics
CONNECTION 1 SIZE	18 mm Tube O.D.
INDUSTRY	Marine
BRAND	Ermeto
APPLICATION	Oilfield
MAXIMUM FLUID TEMPERATURE	400 °C
INDUSTRY	Material Handling

CONNECTION 1 TYPE	24° Cone
APPLICATION	Mobile Equipment
MAXIMUM FLUID TEMPERATURE	752 °F
INDUSTRY	Automotive
MINIMUM AMBIENT TEMPERATURE	-76 °F
MAXIMUM AMBIENT TEMPERATURE	752 °F
CONNECTION 2 SIZE	12 mm Tube O.D.
FOR FLUID TYPE	Chemicals
BODY MATERIAL	Stainless Steel
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Gases
SPECIFICATIONS MET	DIN
FOR FLUID TYPE	Steam
SPECIFICATIONS MET	ISO 8434
DIVISION	High Pressure Connectors Europe Division
SEAL TYPE	O-Ring
SEAL MATERIAL	FKM
CONNECTION 2 TYPE	24° Cone (with O-Ring)
ACCESSORIES INCLUDED	Pre-assembled with Nut and EO-DPR Cutting Ring
PRODUCT SERIES	EO Light
CONNECTION 2 TYPE	Male
PRODUCT STYLE	Adjustable Position
FOR FLUID TYPE	Fuels
DIVISION	High Pressure Connectors Europe Division
APPLICATION	Fuel Transfer
CONFIGURATION	Tube to Swivel

CONNECTION 1 TYPE	Male
MINIMUM FLUID TEMPERATURE	-76 °F
PRODUCT TYPE	Hydraulic DIN Fittings
MAXIMUM OPERATING PRESSURE	315 bar
INDUSTRY	Agriculture
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM AMBIENT TEMPERATURE	400 °C
APPLICATION	Chemical Transfer
INDUSTRY	Construction
MINIMUM FLUID TEMPERATURE	-60 °C
APPLICATION	Packaging
SHAPE	Straight
INDUSTRY	Industrial Manufacturing Equipment