

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: RED16S/12LOMDCF
SHAPE: Straight
CONNECTION 1 TYPE: Male 24° Cone
SEAL MATERIAL: NBR
BODY MATERIAL: Steel
CONNECTION 2 TYPE: Male 24° Cone (with O-Ring)
CONNECTION 2 SIZE: 12 mm (O.D.)
ACCESSORIES INCLUDED: n/a
PRODUCT SERIES: EO Light
CONNECTION 1 SIZE: 16 mm (O.D.)

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

DIVISION	High Pressure Connectors Europe Division
INDUSTRY	Automotive
MINIMUM AMBIENT TEMPERATURE	-40 °C
APPLICATION	Fuel Transfer
MAXIMUM AMBIENT TEMPERATURE	572 °F
PRODUCT STYLE	Adjustable Position
ACCESSORIES INCLUDED	n/a
MAXIMUM FLUID TEMPERATURE	572 °F
CONNECTION 1 SIZE	16 mm Tube O.D.

APPLICATION	Mobile Equipment
INDUSTRY	Material Handling
CONNECTION 2 TYPE	24° Cone (with O-Ring)
SEAL TYPE	O-Ring
SPECIFICATIONS MET	DIN
MAXIMUM AMBIENT TEMPERATURE	300 °C
APPLICATION	Chemical Transfer
MINIMUM AMBIENT TEMPERATURE	-40 °F
INDUSTRY	Construction
DIVISION	High Pressure Connectors Europe Division
MINIMUM FLUID TEMPERATURE	-40 °F
APPLICATION	Packaging
CONNECTION 1 TYPE	Male
PRODUCT SERIES	EO Heavy/Light
FOR FLUID TYPE	Gases
SEAL MATERIAL	NBR
PRODUCT TYPE	Hydraulic DIN Fittings
MAXIMUM OPERATING PRESSURE	400 bar
CONFIGURATION	Tube to Swivel
INDUSTRY	Marine
FOR FLUID TYPE	Hydraulic Fluids
MAXIMUM FLUID TEMPERATURE	300 °C
MINIMUM FLUID TEMPERATURE	-40 °C
APPLICATION	Oilfield
CONNECTION 1 TYPE	24° Cone
CONNECTION 2 TYPE	Male

FOR FLUID TYPE

Fuels

BODY MATERIAL

Steel

CONNECTION 2 SIZE

12 mm Tube O.D.

APPLICATION

Hydraulics

INDUSTRY

Transportation

INDUSTRY

Agriculture

FOR FLUID TYPE

Steam

SPECIFICATIONS MET

ISO 8434

TECHNOLOGY

Fluid & Gas Handling

SHAPE

Straight

BRAND

Ermeto

INDUSTRY

Industrial Manufacturing Equipment

FOR FLUID TYPE

Chemicals