

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: RED20/08SOMD71
SHAPE: Straight
CONNECTION 1 SIZE: 20 mm (O.D.)
BODY MATERIAL: Stainless Steel
CONNECTION 1 TYPE: Male 24° Cone
PRODUCT SERIES: EO Heavy
SEAL MATERIAL: FKM
ACCESSORIES INCLUDED: n/a
CONNECTION 2 TYPE: Male 24° Cone (with O-Ring)
CONNECTION 2 SIZE: 8 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
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MAXIMUM OPERATING PRESSURE	400 bar
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Steam
FOR FLUID TYPE	Fuels
INDUSTRY	Marine
INDUSTRY	Construction

INDUSTRY	Material Handling
INDUSTRY	Transportation
INDUSTRY	Automotive
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Agriculture
SPECIFICATIONS MET	ISO 8434
SPECIFICATIONS MET	DIN
SHAPE	Straight
APPLICATION	Oilfield
APPLICATION	Mobile Equipment
APPLICATION	Chemical Transfer
APPLICATION	Fuel Transfer
APPLICATION	Packaging
APPLICATION	Hydraulics
BRAND	Ermeto
TECHNOLOGY	Fluid & Gas Handling
PRODUCT STYLE	Adjustable Position
CONNECTION 1 SIZE	20 mm Tube O.D.
BODY MATERIAL	Stainless Steel
CONNECTION 1 TYPE	Male
CONNECTION 1 TYPE	24° Cone
PRODUCT SERIES	EO Heavy
PRODUCT TYPE	Hydraulic DIN Fittings
SEAL MATERIAL	FKM
CONFIGURATION	Tube to Swivel
ACCESSORIES INCLUDED	n/a
CONNECTION 2 TYPE	24° Cone (with O-Ring)

CONNECTION 2 TYPE	Male
CONNECTION 2 SIZE	8 mm Tube O.D.
MAXIMUM AMBIENT TEMPERATURE	400 °C
MAXIMUM AMBIENT TEMPERATURE	752 °F
MINIMUM AMBIENT TEMPERATURE	-60 °C
MINIMUM AMBIENT TEMPERATURE	-76 °F
MAXIMUM FLUID TEMPERATURE	400 °C
MAXIMUM FLUID TEMPERATURE	752 °F
MINIMUM FLUID TEMPERATURE	-60 °C
MINIMUM FLUID TEMPERATURE	-76 °F
SEAL TYPE	O-Ring