

# 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:** RED28L/25SOMD71  
**SHAPE:** Straight  
**CONNECTION 1 SIZE:** 28 mm (O.D.)  
**BODY MATERIAL:** Stainless Steel  
**CONNECTION 1 TYPE:** Male 24° Cone  
**PRODUCT SERIES:** EO Light/Heavy  
**SEAL MATERIAL:** FKM  
**ACCESSORIES INCLUDED:** n/a  
**CONNECTION 2 TYPE:** Male 24° Cone (with O-Ring)  
**CONNECTION 2 SIZE:** 25 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 | 160 bar                                  |
| FOR FLUID TYPE             | Steam                                    |
| FOR FLUID TYPE             | Fuels                                    |
| FOR FLUID TYPE             | Hydraulic Fluids                         |
| FOR FLUID TYPE             | Chemicals                                |
| FOR FLUID TYPE             | Gases                                    |
| INDUSTRY                   | Agriculture                              |
| INDUSTRY                   | Industrial Manufacturing Equipment       |

|                             |                        |
|-----------------------------|------------------------|
| <b>INDUSTRY</b>             | Construction           |
| <b>INDUSTRY</b>             | Material Handling      |
| <b>INDUSTRY</b>             | Automotive             |
| <b>INDUSTRY</b>             | Transportation         |
| <b>INDUSTRY</b>             | Marine                 |
| <b>SPECIFICATIONS MET</b>   | ISO 8434               |
| <b>SPECIFICATIONS MET</b>   | DIN                    |
| <b>SHAPE</b>                | Straight               |
| <b>APPLICATION</b>          | Chemical Transfer      |
| <b>APPLICATION</b>          | Packaging              |
| <b>APPLICATION</b>          | Mobile Equipment       |
| <b>APPLICATION</b>          | Hydraulics             |
| <b>APPLICATION</b>          | Fuel Transfer          |
| <b>APPLICATION</b>          | Oilfield               |
| <b>BRAND</b>                | Ermeto                 |
| <b>TECHNOLOGY</b>           | Fluid & Gas Handling   |
| <b>PRODUCT STYLE</b>        | Adjustable Position    |
| <b>CONNECTION 1 SIZE</b>    | 28 mm Tube O.D.        |
| <b>BODY MATERIAL</b>        | Stainless Steel        |
| <b>CONNECTION 1 TYPE</b>    | Male                   |
| <b>CONNECTION 1 TYPE</b>    | 24° Cone               |
| <b>PRODUCT SERIES</b>       | EO Light/Heavy         |
| <b>PRODUCT TYPE</b>         | Hydraulic DIN Fittings |
| <b>SEAL MATERIAL</b>        | FKM                    |
| <b>CONFIGURATION</b>        | Tube to Swivel         |
| <b>ACCESSORIES INCLUDED</b> | n/a                    |
| <b>CONNECTION 2 TYPE</b>    | Male                   |

|                                    |                        |
|------------------------------------|------------------------|
| <b>CONNECTION 2 TYPE</b>           | 24° Cone (with O-Ring) |
| <b>CONNECTION 2 SIZE</b>           | 25 mm Tube O.D.        |
| <b>MAXIMUM AMBIENT TEMPERATURE</b> | 400 °C                 |
| <b>MAXIMUM AMBIENT TEMPERATURE</b> | 752 °F                 |
| <b>MINIMUM AMBIENT TEMPERATURE</b> | -76 °F                 |
| <b>MINIMUM AMBIENT TEMPERATURE</b> | -60 °C                 |
| <b>MAXIMUM FLUID TEMPERATURE</b>   | 752 °F                 |
| <b>MAXIMUM FLUID TEMPERATURE</b>   | 400 °C                 |
| <b>MINIMUM FLUID TEMPERATURE</b>   | -76 °F                 |
| <b>MINIMUM FLUID TEMPERATURE</b>   | -60 °C                 |
| <b>SEAL TYPE</b>                   | O-Ring                 |