

# 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:** RED35/10LOMD71  
**SHAPE:** Straight  
**CONNECTION 1 SIZE:** 35 mm (O.D.)  
**CONNECTION 1 TYPE:** Male 24° Cone  
**CONNECTION 2 TYPE:** Male 24° Cone (with O-Ring)  
**SEAL MATERIAL:** FKM  
**CONNECTION 2 SIZE:** 10 mm (O.D.)  
**BODY MATERIAL:** Stainless Steel  
**ACCESSORIES INCLUDED:** n/a  
**PRODUCT SERIES:** EO Light

## 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

|                                  |                        |
|----------------------------------|------------------------|
| <b>APPLICATION</b>               | Chemical Transfer      |
| <b>MINIMUM FLUID TEMPERATURE</b> | -76 °F                 |
| <b>SEAL MATERIAL</b>             | FKM                    |
| <b>APPLICATION</b>               | Mobile Equipment       |
| <b>PRODUCT TYPE</b>              | Hydraulic DIN Fittings |
| <b>PRODUCT STYLE</b>             | Adjustable Position    |
| <b>APPLICATION</b>               | Packaging              |
| <b>MINIMUM FLUID TEMPERATURE</b> | -60 °C                 |
| <b>MAXIMUM FLUID TEMPERATURE</b> | 752 °F                 |

|                                    |                                          |
|------------------------------------|------------------------------------------|
| <b>MAXIMUM AMBIENT TEMPERATURE</b> | 400 °C                                   |
| <b>TECHNOLOGY</b>                  | Fluid & Gas Handling                     |
| <b>MAXIMUM FLUID TEMPERATURE</b>   | 400 °C                                   |
| <b>DIVISION</b>                    | High Pressure Connectors Europe Division |
| <b>APPLICATION</b>                 | Fuel Transfer                            |
| <b>DIVISION</b>                    | High Pressure Connectors Europe Division |
| <b>SPECIFICATIONS MET</b>          | ISO 8434                                 |
| <b>APPLICATION</b>                 | Oilfield                                 |
| <b>MAXIMUM AMBIENT TEMPERATURE</b> | 752 °F                                   |
| <b>BODY MATERIAL</b>               | Stainless Steel                          |
| <b>APPLICATION</b>                 | Hydraulics                               |
| <b>CONNECTION 1 SIZE</b>           | 35 mm Tube O.D.                          |
| <b>SPECIFICATIONS MET</b>          | DIN                                      |
| <b>PRODUCT SERIES</b>              | EO Light                                 |
| <b>INDUSTRY</b>                    | Industrial Manufacturing Equipment       |
| <b>INDUSTRY</b>                    | Transportation                           |
| <b>SEAL TYPE</b>                   | O-Ring                                   |
| <b>INDUSTRY</b>                    | Construction                             |
| <b>CONNECTION 1 TYPE</b>           | Male                                     |
| <b>INDUSTRY</b>                    | Agriculture                              |
| <b>MAXIMUM OPERATING PRESSURE</b>  | 160 bar                                  |
| <b>FOR FLUID TYPE</b>              | Fuels                                    |
| <b>CONNECTION 2 TYPE</b>           | 24° Cone (with O-Ring)                   |
| <b>CONFIGURATION</b>               | Tube to Swivel                           |
| <b>FOR FLUID TYPE</b>              | Hydraulic Fluids                         |
| <b>INDUSTRY</b>                    | Automotive                               |

|                                    |                   |
|------------------------------------|-------------------|
| <b>MINIMUM AMBIENT TEMPERATURE</b> | -76 °F            |
| <b>FOR FLUID TYPE</b>              | Chemicals         |
| <b>CONNECTION 2 TYPE</b>           | Male              |
| <b>MINIMUM AMBIENT TEMPERATURE</b> | -60 °C            |
| <b>BRAND</b>                       | Ermeto            |
| <b>INDUSTRY</b>                    | Marine            |
| <b>FOR FLUID TYPE</b>              | Gases             |
| <b>CONNECTION 1 TYPE</b>           | 24° Cone          |
| <b>INDUSTRY</b>                    | Material Handling |
| <b>FOR FLUID TYPE</b>              | Steam             |
| <b>ACCESSORIES INCLUDED</b>        | n/a               |
| <b>CONNECTION 2 SIZE</b>           | 10 mm Tube O.D.   |
| <b>SHAPE</b>                       | Straight          |