

# Parker Product Datasheet



The main function of Ermeto DIN male stud high pressure hydraulic tube fittings is to connect different numbers of tubes and hoses. This broad range of fittings is available in steel and in stainless steel.

**PART NUMBER:** GE38SR11/4EDOMD71

**PRODUCT SERIES:** EO Heavy

**SHAPE:** Straight

**CONNECTION 2 TYPE:** Male BSPP

**OPTIONAL ACCESSORIES:** n/a

**CONNECTION 1 TYPE:** Male 24° Cone

**CONNECTION 2 SIZE:** G 1-1/4 A

**CONNECTION 1 SIZE:** 38 mm (O.D.)

**BODY MATERIAL:** Stainless Steel

**SEAL MATERIAL:** FKM(VIT)

## PRODUCT OVERVIEW

The main function of Ermeto DIN male stud high pressure hydraulic tube fittings is to connect different numbers of tubes or hoses. This broad range of fittings, types GEO, GE-M-ED, GE-R-ED up to GE-M is available in steel and in a stainless steel version. Depending on the specific application, these 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
- Materials 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 male stud 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                    | Industrial Manufacturing Equipment |
| APPLICATION                 | Hydraulics                         |
| CONNECTION 2 SIZE           | G 1-1/4 A inch Thread              |
| MAXIMUM FLUID TEMPERATURE   | 250 °C                             |
| BRAND                       | Ermeto                             |
| MINIMUM AMBIENT TEMPERATURE | -40 °F                             |
| MAXIMUM AMBIENT TEMPERATURE | 482 °F                             |
| SEAL MATERIAL               | FKM                                |
| PRODUCT STYLE               | Stud Fitting                       |

|                                   |                                          |
|-----------------------------------|------------------------------------------|
| <b>INDUSTRY</b>                   | Marine                                   |
| <b>APPLICATION</b>                | Fuel Transfer                            |
| <b>MINIMUM FLUID TEMPERATURE</b>  | -31 °F                                   |
| <b>MAXIMUM FLUID TEMPERATURE</b>  | 482 °F                                   |
| <b>INDUSTRY</b>                   | Material Handling                        |
| <b>APPLICATION</b>                | Oilfield                                 |
| <b>MINIMUM FLUID TEMPERATURE</b>  | -35 °C                                   |
| <b>CONNECTION 1 SIZE</b>          | 38 mm Tube O.D.                          |
| <b>CONNECTION 1 TYPE</b>          | 24° Cone                                 |
| <b>INDUSTRY</b>                   | Agriculture                              |
| <b>INDUSTRY</b>                   | Construction                             |
| <b>CONNECTION 2 TYPE</b>          | BSPP (ISO 1179)                          |
| <b>CONNECTION 2 TYPE</b>          | Male                                     |
| <b>ACCESSORIES INCLUDED</b>       | n/a                                      |
| <b>DIVISION</b>                   | High Pressure Connectors Europe Division |
| <b>FOR FLUID TYPE</b>             | Chemicals                                |
| <b>PRODUCT SERIES</b>             | EO Heavy                                 |
| <b>SEAL TYPE</b>                  | ED Seal                                  |
| <b>FOR FLUID TYPE</b>             | Fuels                                    |
| <b>FOR FLUID TYPE</b>             | Steam                                    |
| <b>FOR FLUID TYPE</b>             | Gases                                    |
| <b>FOR FLUID TYPE</b>             | Hydraulic Fluids                         |
| <b>INDUSTRY</b>                   | Automotive                               |
| <b>SPECIFICATIONS MET</b>         | ISO 1179                                 |
| <b>PRODUCT TYPE</b>               | Hydraulic DIN Fittings                   |
| <b>MAXIMUM OPERATING PRESSURE</b> | 315 bar                                  |
| <b>CONNECTION 1 TYPE</b>          | Male                                     |

|                                    |                                          |
|------------------------------------|------------------------------------------|
| <b>DIVISION</b>                    | High Pressure Connectors Europe Division |
| <b>TECHNOLOGY</b>                  | Fluid & Gas Handling                     |
| <b>APPLICATION</b>                 | Mobile Hydraulics                        |
| <b>INDUSTRY</b>                    | Transportation                           |
| <b>BODY MATERIAL</b>               | Stainless Steel                          |
| <b>MAXIMUM AMBIENT TEMPERATURE</b> | 250 °C                                   |
| <b>APPLICATION</b>                 | Chemical Transfer                        |
| <b>CONFIGURATION</b>               | Tube to Port                             |
| <b>APPLICATION</b>                 | Packaging                                |
| <b>SHAPE</b>                       | Straight                                 |
| <b>MINIMUM AMBIENT TEMPERATURE</b> | -40 °C                                   |