

# 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:** GE08L7/16UNFCF  
**CONNECTION 2 TYPE:** Male UNF/UN  
**OPTIONAL ACCESSORIES:** Pre-assembled with Nut and EO-PSR Cutting Ring  
**CONNECTION 1 TYPE:** Male 24° Cone  
**BODY MATERIAL:** Steel  
**CONNECTION 1 SIZE:** 8 mm (O.D.)  
**PRODUCT SERIES:** EO Light  
**SEAL MATERIAL:** NBR  
**CONNECTION 2 SIZE:** 7/16'-20 UNF-2A  
**SHAPE:** Straight

## 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

|                             |                      |
|-----------------------------|----------------------|
| FOR FLUID TYPE              | Fuels                |
| INDUSTRY                    | Agriculture          |
| MINIMUM AMBIENT TEMPERATURE | -40 °F               |
| MAXIMUM AMBIENT TEMPERATURE | 120 °C               |
| TECHNOLOGY                  | Fluid & Gas Handling |
| SPECIFICATIONS MET          | ISO 11926            |
| FOR FLUID TYPE              | Chemicals            |
| CONNECTION 2 TYPE           | Male                 |
| MAXIMUM OPERATING PRESSURE  | 315 bar              |

|                                    |                                                |
|------------------------------------|------------------------------------------------|
| <b>APPLICATION</b>                 | Packaging                                      |
| <b>MINIMUM FLUID TEMPERATURE</b>   | -40 °C                                         |
| <b>SEAL MATERIAL</b>               | NBR                                            |
| <b>CONNECTION 2 SIZE</b>           | 7/16"-20 inch                                  |
| <b>INDUSTRY</b>                    | Automotive                                     |
| <b>APPLICATION</b>                 | Chemical Transfer                              |
| <b>MAXIMUM AMBIENT TEMPERATURE</b> | 248 °F                                         |
| <b>PRODUCT STYLE</b>               | Stud Fitting                                   |
| <b>CONNECTION 2 TYPE</b>           | UNF/UN (ISO 11926)                             |
| <b>SEAL TYPE</b>                   | O-Ring                                         |
| <b>INDUSTRY</b>                    | Industrial Manufacturing Equipment             |
| <b>BRAND</b>                       | Ermeto                                         |
| <b>APPLICATION</b>                 | Fuel Transfer                                  |
| <b>DIVISION</b>                    | High Pressure Connectors Europe Division       |
| <b>CONNECTION 1 TYPE</b>           | 24° Cone                                       |
| <b>FOR FLUID TYPE</b>              | Gases                                          |
| <b>INDUSTRY</b>                    | Material Handling                              |
| <b>MINIMUM AMBIENT TEMPERATURE</b> | -40 °C                                         |
| <b>APPLICATION</b>                 | Mobile Hydraulics                              |
| <b>MAXIMUM FLUID TEMPERATURE</b>   | 248 °F                                         |
| <b>CONNECTION 1 SIZE</b>           | 8 mm Tube O.D.                                 |
| <b>APPLICATION</b>                 | Hydraulics                                     |
| <b>CONNECTION 1 TYPE</b>           | Male                                           |
| <b>INDUSTRY</b>                    | Marine                                         |
| <b>PRODUCT SERIES</b>              | EO Light                                       |
| <b>ACCESSORIES INCLUDED</b>        | Pre-assembled with Nut and EO-PSR Cutting Ring |

|                                  |                                          |
|----------------------------------|------------------------------------------|
| <b>MAXIMUM FLUID TEMPERATURE</b> | 120 °C                                   |
| <b>APPLICATION</b>               | Oilfield                                 |
| <b>CONFIGURATION</b>             | Tube to Port                             |
| <b>INDUSTRY</b>                  | Transportation                           |
| <b>FOR FLUID TYPE</b>            | Steam                                    |
| <b>CONNECTION 2 TYPE</b>         | UNF-2A Thread                            |
| <b>BODY MATERIAL</b>             | Steel                                    |
| <b>MINIMUM FLUID TEMPERATURE</b> | -40 °F                                   |
| <b>PRODUCT TYPE</b>              | Hydraulic DIN Fittings                   |
| <b>SHAPE</b>                     | Straight                                 |
| <b>INDUSTRY</b>                  | Construction                             |
| <b>FOR FLUID TYPE</b>            | Hydraulic Fluids                         |
| <b>DIVISION</b>                  | High Pressure Connectors Europe Division |