

# 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:** EGE16S1/2NPTCF  
**PRODUCT SERIES:** EO Heavy  
**SHAPE:** Straight  
**CONNECTION 1 TYPE:** Male 24° Cone (with O-Ring)  
**CONNECTION 2 SIZE:** 1/2"-14  
**OPTIONAL ACCESSORIES:** n/a  
**CONNECTION 1 SIZE:** 16 mm (O.D.)  
**CONNECTION 2 TYPE:** Male NPT  
**SEAL MATERIAL:** NBR  
**BODY MATERIAL:** Steel

## 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             | Chemicals              |
| PRODUCT SERIES             | EO Heavy               |
| INDUSTRY                   | Marine                 |
| APPLICATION                | Fuel Transfer          |
| MINIMUM FLUID TEMPERATURE  | -40 °F                 |
| MAXIMUM FLUID TEMPERATURE  | 248 °F                 |
| INDUSTRY                   | Automotive             |
| CONNECTION 1 TYPE          | Male                   |
| MAXIMUM OPERATING PRESSURE | 400 bar                |
| PRODUCT TYPE               | Hydraulic DIN Fittings |

|                                    |                                    |
|------------------------------------|------------------------------------|
| <b>SPECIFICATIONS MET</b>          | SAE J476                           |
| <b>CONNECTION 2 TYPE</b>           | Male                               |
| <b>CONFIGURATION</b>               | Swivel to Port                     |
| <b>APPLICATION</b>                 | Chemical Transfer                  |
| <b>MAXIMUM AMBIENT TEMPERATURE</b> | 120 °C                             |
| <b>BODY MATERIAL</b>               | Steel                              |
| <b>FOR FLUID TYPE</b>              | Fuels                              |
| <b>SEAL TYPE</b>                   | O-Ring                             |
| <b>INDUSTRY</b>                    | Industrial Manufacturing Equipment |
| <b>APPLICATION</b>                 | Hydraulics                         |
| <b>CONNECTION 2 SIZE</b>           | 1/2'-14 inch Thread                |
| <b>MAXIMUM FLUID TEMPERATURE</b>   | 120 °C                             |
| <b>INDUSTRY</b>                    | Agriculture                        |
| <b>MINIMUM AMBIENT TEMPERATURE</b> | -40 °C                             |
| <b>SHAPE</b>                       | Straight                           |
| <b>APPLICATION</b>                 | Packaging                          |
| <b>PRODUCT STYLE</b>               | Adjustable Position                |
| <b>FOR FLUID TYPE</b>              | Hydraulic Fluids                   |
| <b>FOR FLUID TYPE</b>              | Gases                              |
| <b>INDUSTRY</b>                    | Material Handling                  |
| <b>APPLICATION</b>                 | Oilfield                           |
| <b>MINIMUM FLUID TEMPERATURE</b>   | -40 °C                             |
| <b>CONNECTION 1 SIZE</b>           | 16 mm Tube O.D.                    |
| <b>INDUSTRY</b>                    | Construction                       |
| <b>BRAND</b>                       | Ermeto                             |

|                                    |                                          |
|------------------------------------|------------------------------------------|
| <b>MINIMUM AMBIENT TEMPERATURE</b> | -40 °F                                   |
| <b>MAXIMUM AMBIENT TEMPERATURE</b> | 248 °F                                   |
| <b>SEAL MATERIAL</b>               | NBR                                      |
| <b>FOR FLUID TYPE</b>              | Steam                                    |
| <b>INDUSTRY</b>                    | Transportation                           |
| <b>APPLICATION</b>                 | Mobile Hydraulics                        |
| <b>TECHNOLOGY</b>                  | Fluid & Gas Handling                     |
| <b>DIVISION</b>                    | High Pressure Connectors Europe Division |
| <b>ACCESSORIES INCLUDED</b>        | n/a                                      |
| <b>CONNECTION 1 TYPE</b>           | 24° Cone (with O-Ring)                   |
| <b>DIVISION</b>                    | High Pressure Connectors Europe Division |
| <b>CONNECTION 2 TYPE</b>           | NPT (SAE J476)                           |