

Parker Product Datasheet



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

PART NUMBER: T12ZS71

PRODUCT STYLE: Union

CONNECTION 3 TYPE: Male 24° Cone

CONNECTION 1 TYPE: Male 24° Cone

CONNECTION 2 TYPE: Male 24° Cone

BODY MATERIAL: Stainless Steel

CONNECTION 2 SIZE: 12 mm (O.D.)

CONNECTION 3 SIZE: 12 mm (O.D.)

ACCESSORIES INCLUDED: Pre-assembled with EO-2 Functional Nut

CONNECTION 1 SIZE: 12 mm (O.D.)

SHAPE: Tee

PRODUCT OVERVIEW

The main function of Ermeto DIN tube to tube high pressure hydraulic tube fittings is to connect different numbers of tubes. This broad range of Ermeto DIN tube to tube high pressure hydraulic tube fittings, types G, GR, W, T, TR, K, SV, up to WSV is available in steel and in 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 high pressure hydraulic tube fittings can be used in applications 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
SEAL TYPE	Sealing Edge
INDUSTRY	Agriculture
CONFIGURATION	Tube to Tube
MAXIMUM AMBIENT TEMPERATURE	400 °C
INDUSTRY	Industrial Manufacturing Equipment
FOR FLUID TYPE	Fuels
MAXIMUM OPERATING PRESSURE	630 bar
APPLICATION	Mobile Equipment

PRODUCT SERIES	EO Heavy
CONNECTION 2 TYPE	24° Cone
BRAND	Ermeto
MAXIMUM AMBIENT TEMPERATURE	752 °F
FOR FLUID TYPE	Chemicals
INDUSTRY	Marine
SHAPE	Union Tee
APPLICATION	Hydraulics
SHAPE	Union
CONNECTION 1 SIZE	12 mm Tube O.D.
MAXIMUM FLUID TEMPERATURE	752 °F
CONNECTION 2 SIZE	12 mm Tube O.D.
BODY MATERIAL	Stainless Steel
DIVISION	High Pressure Connectors Europe Division
SPECIFICATIONS MET	DIN
PRODUCT TYPE	Hydraulic DIN Fittings
SEAL MATERIAL	n/a
MINIMUM FLUID TEMPERATURE	-60 °C
CONNECTION 3 TYPE	24° Cone
SPECIFICATIONS MET	ISO 8434
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 3 TYPE	Male
MINIMUM FLUID TEMPERATURE	-76 °F
FOR FLUID TYPE	Hydraulic Fluids
ACCESSORIES INCLUDED	Pre-assembled with EO-2 Functional Nut
MAXIMUM FLUID TEMPERATURE	400 °C

APPLICATION	Oilfield
CONNECTION 1 TYPE	24° Cone
INDUSTRY	Construction
CONNECTION 3 SIZE	12 mm Tube O.D.
APPLICATION	Packaging
CONNECTION 1 TYPE	Male
INDUSTRY	Automotive
CONNECTION 2 TYPE	Male
APPLICATION	Chemical Transfer
MINIMUM AMBIENT TEMPERATURE	-76 °F
INDUSTRY	Transportation
FOR FLUID TYPE	Gases
APPLICATION	Fuel Transfer
MINIMUM AMBIENT TEMPERATURE	-60 °C
INDUSTRY	Material Handling
FOR FLUID TYPE	Steam