

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: W12ZS71

SHAPE: Elbow 90°

PRODUCT STYLE: Union

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

BODY MATERIAL: Stainless Steel

CONNECTION 1 TYPE: Male 24° Cone

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

CONNECTION 2 TYPE: Male 24° Cone

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

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
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MAXIMUM OPERATING PRESSURE	630 bar
FOR FLUID TYPE	Gases
FOR FLUID TYPE	Steam
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Fuels
INDUSTRY	Construction
INDUSTRY	Automotive
INDUSTRY	Marine

INDUSTRY	Transportation
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Agriculture
INDUSTRY	Material Handling
SPECIFICATIONS MET	ISO 8434
SPECIFICATIONS MET	DIN
SHAPE	Elbow 90°
SHAPE	Union
APPLICATION	Chemical Transfer
APPLICATION	Mobile Equipment
APPLICATION	Hydraulics
APPLICATION	Packaging
APPLICATION	Fuel Transfer
APPLICATION	Oilfield
BRAND	Ermeto
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 1 SIZE	12 mm Tube O.D.
BODY MATERIAL	Stainless Steel
CONNECTION 1 TYPE	24° Cone
CONNECTION 1 TYPE	Male
PRODUCT SERIES	EO Heavy
PRODUCT TYPE	Hydraulic DIN Fittings
SEAL MATERIAL	n/a
CONFIGURATION	Tube to Tube
ACCESSORIES INCLUDED	Pre-assembled with EO-2 Functional Nut
CONNECTION 2 TYPE	24° Cone
CONNECTION 2 TYPE	Male

CONNECTION 2 SIZE	12 mm Tube O.D.
MAXIMUM AMBIENT TEMPERATURE	400 °C
MAXIMUM AMBIENT TEMPERATURE	752 °F
MINIMUM AMBIENT TEMPERATURE	-76 °F
MINIMUM AMBIENT TEMPERATURE	-60 °C
MAXIMUM FLUID TEMPERATURE	752 °F
MAXIMUM FLUID TEMPERATURE	400 °C
MINIMUM FLUID TEMPERATURE	-60 °C
MINIMUM FLUID TEMPERATURE	-76 °F
SEAL TYPE	Sealing Edge