

Parker Product Datasheet



The wide Ermeto fitting range allows welded tube connections. Therefore, the weld nipple has to be welded onto the tube end. Using the standard Ermeto nut, this weld nipple can then be connected to the tube joint of any Ermeto tube fitting.

PART NUMBER: SKA20X2.571
CONNECTION 1 TYPE: Male 24° Cone (with O-Ring)
CONNECTION 1 SIZE: 20 mm (O.D.)
CONNECTION 2 TYPE: Buttweld
BODY MATERIAL: Stainless Steel
TUBE WALL THICKNESS: 2.5 mm
PRODUCT SERIES: EO Heavy

PRODUCT OVERVIEW

Ermeto weld nipples, types SKA and SKA-ORB, can be assembled in any EO tube fitting, so that this fitting type has a broad range of applications. Ermeto weld nipples are available in all sizes from 6 – 38/42 in the light and heavy series. The Ermeto weld nipple is welded to the tube end without the O-ring. Assembling beforehand a retaining nut with the right size and orientation should not be forgotten. Special guidelines and regulations may apply to the pre-handling of the tube end, the welding procedure, welding personnel qualifications, post-processing and testing and documentation of the weld connection.

Markets:

- Press construction
- Heavy machinery building
- Power station construction

- Shipbuilding

Applications:

- Suitable for general hydraulic applications.

Features/ benefits:

- Ermeto weld nipples can be combined with all EO fittings, resulting in a very broad range of applications.
- The elastomeric seal acts as a primary sealing element, making the connection leak-proof. So maintenance and re-work costs are substantially reduced.
- Even after continuous operation for years under extreme conditions, the soft-seal Ermeto weld nipple connector does not have to be retightened. This means that the connector has a long life and maintenance and servicing costs are noticeably diminished.
- Insufficiently assembled Ermeto weld nipples do not come apart without warning. The user can react early enough because the connectors indicate the problem by leaking and they can be retightened.
- Ermeto weld nipples can be undone and then re-assembled any number of times. The longevity of the connector is thereby increased and costs saved.

TECH SPECIFICATIONS

FOR FLUID TYPE	Chemicals
INDUSTRY	Transportation
SHAPE	Straight
APPLICATION	Oilfield
MINIMUM FLUID TEMPERATURE	-60 °C
TUBE WALL THICKNESS	2.5 mm
APPLICATION	Chemical Transfer
APPLICATION	Mobile Equipment
TECHNOLOGY	Fluid & Gas Handling
SEAL MATERIAL	FKM
MINIMUM AMBIENT TEMPERATURE	-76 °F

APPLICATION	Hydraulics
CONNECTION 1 SIZE	20 mm Tube O.D.
ACCESSORIES INCLUDED	n/a
MINIMUM FLUID TEMPERATURE	-76 °F
APPLICATION	Fuel Transfer
MAXIMUM OPERATING PRESSURE	297 bar
SPECIFICATIONS MET	DIN
BODY MATERIAL	Stainless Steel
MAXIMUM AMBIENT TEMPERATURE	400 °C
CONNECTION 1 TYPE	(with O-Ring)
PRODUCT STYLE	Buttweld
MAXIMUM FLUID TEMPERATURE	400 °C
PRODUCT TYPE	Hydraulic DIN Fittings
CONFIGURATION	Tube to Weld
SPECIFICATIONS MET	ISO 8434
MAXIMUM FLUID TEMPERATURE	752 °F
APPLICATION	Packaging
BRAND	Ermeto
PRODUCT STYLE	Nipple
DIVISION	High Pressure Connectors Europe Division
MAXIMUM AMBIENT TEMPERATURE	752 °F
MINIMUM AMBIENT TEMPERATURE	-60 °C
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Agriculture
INDUSTRY	Material Handling

FOR FLUID TYPE	Fuels
INDUSTRY	Marine
CONNECTION 2 TYPE	Buttweld
DIVISION	High Pressure Connectors Europe Division
CONNECTION 1 TYPE	Male
FOR FLUID TYPE	Steam
INDUSTRY	Construction
SEAL TYPE	O-Ring
CONNECTION 1 TYPE	24° Cone
FOR FLUID TYPE	Gases
INDUSTRY	Automotive
PRODUCT SERIES	EO Heavy
FOR FLUID TYPE	Hydraulic Fluids