

Parker Product Datasheet



Parker's 47 Series crimp style 2-pc. hydraulic stainless steel fittings are renowned for its ease of assembly and are a complete range of permanent, crimp-style hydraulic hose fittings for use with adjustable crimpers.

PART NUMBER: K1947-48-48
SHAPE: Elbow 90°
PRODUCT STYLE: ISO 6162-1 Flange
PORT CONNECTION: 3 mm
HOSE I.D. (SIZE): -48

PRODUCT OVERVIEW

Parker Parkrimp Medium Pressure Stainless Steel Fittings - 47 Series - are permanent, crimp style hydraulic fittings that allow a quick assembly with our family of Adjustable crimpers. Assembly of No-Skive hose and fittings does not require removal of the outer cover of the hose. This eliminates premature hydraulic hose failure caused by skiving too long or short. 47 Series Stainless Steel Fittings combined with 46 or 48 Series Shells are used with Parker Wire Braided Hydraulic hoses such as Elite No-Skive Hoses, No-Skive Compact Water Cleaning Hoses, Elite No-Skive- Low Temperature Hoses, No-Skive Compact Rail-Hoses with fire retardant cover, Elite No-Skive Super Tough-Compact Hoses, No-Skive Compact Twin Constant Pressure hoses with tight bend radius and a lot more.

Available in sizes from -4 to -16 in a wide variety of end configurations and around the world. For highly corrosive applications.

Markets:
Mobile

Industrial
Chemical
Mining
Marine

Features/Benefits:

- No-Skive technology offers easy, efficient, and safe production processes
- Wide range of end configurations
- Easy push on force

Applications:

Automotive / Machine Tool
Injection Moulding
Pulp and Paper
Marine / Offshore / Shipyard
Power Generation and Energy
Vertical Drill Rigs
Transportation
Chemical Industry
Tool Industry
Steel Works

Compatible Hoses:

47 Series Nipple in Combination with 46 Series shell from size -4 up to size -16
421SN, 441, 441RH, 461LT, 462, 462ST, 462TC, 463, 492, 492ST, 692, 692TWIN

47 Series Nipple in Combination with 48 Series shell from size -4 up to size -16
' 301SN, 387, 387TC, 387ST, 421SN, 462, 487, 487TC, 487ST

TECH SPECIFICATIONS

**MAXIMUM OPERATING
TEMPERATURE**

221 °F

**MAXIMUM OPERATING
TEMPERATURE**

105 °C

DIVISION

Polymer Hose Division Europe

DIVISION

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MAXIMUM OPERATING PRESSURE	16.0 MPa
MAXIMUM OPERATING PRESSURE	160 bar
MINIMUM OPERATING TEMPERATURE	-40 °C
MINIMUM OPERATING TEMPERATURE	-40 °F
FOR FLUID TYPE	Hydraulic Fluids on Mineral-oil Basis, Coolants (Water-Glycol), Lubricants (Oils), Air, Water
INDUSTRY	Industrial Manufacturing Equipment, Off-road Machinery, Transportation
TUBE OUTSIDE DIAMETER	n/a
SHAPE	Elbow 90°
APPLICATION	Medium Pressure Hydraulics
BRAND	Parker
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 1 SIZE	-48 (Size)
CONNECTION 1 SIZE	76.2 mm Hose I.D
CONNECTION 1 SIZE	3 inch Hose I.D
BODY MATERIAL	Steel
CONNECTION 1 TYPE	Parker Design
PRODUCT TYPE	Crimp Fittings No-Skive Two-piece
CONFIGURATION	Hose to Port
CONNECTION 2 TYPE	ISO 6162-1 Flange
CONNECTION 2 SIZE	3 mm Thread