

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: K1C47-16-8C

PRODUCT STYLE: Female Metric 24° – Swivel Heavy Series with O-Ring

SHAPE: Elbow 90°

HOSE I.D. (SIZE): -8

PORT CONNECTION: M24x1.5

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

BRAND	Parker
CONNECTION 2 TYPE	Female Metric 24° – Swivel Heavy Series with O–Ring
DIVISION	Polymer Hose Division Europe
FITTING LENGTH	64 mm (see drawing legend A)
CONNECTION 1 SIZE	-8 (Size)

CONFIGURATION	Hose to Port
BODY MATERIAL	Stainless Steel
MINIMUM OPERATING TEMPERATURE	-40 °F
CONNECTION 1 SIZE	1/2 inch Hose I.D.
PRODUCT TYPE	Crimp Fittings No-Skive Two-piece
MAXIMUM OPERATING PRESSURE	400 bar
CONNECTION LENGTH	37 mm (see drawing legend B)
CONNECTION 2 SIZE	M24x1.5 Thread
SHAPE	Elbow 90°
CONNECTION 1 TYPE	Parker Design
FOR FLUID TYPE	Hydraulic Fluids on Mineral-oil Basis, Coolants (Water-Glycol), Lubricants (Oils), Air, Water
INDUSTRY	Industrial Manufacturing Equipment, Off-road Machinery, Transportation
MAXIMUM OPERATING TEMPERATURE	105 °C
MINIMUM OPERATING TEMPERATURE	-40 °C
DIVISION	Polymer Hose Division Europe
MAXIMUM OPERATING TEMPERATURE	221 °F
CONNECTION 1 SIZE	12.7 mm Hose I.D.
TECHNOLOGY	Fluid & Gas Handling
MAXIMUM OPERATING PRESSURE	40.0 MPa
TUBE OUTSIDE DIAMETER	16 mm
APPLICATION	Medium Pressure Hydraulics
HEX SIZE	30 mm (see drawing legend H)