

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: K9247-8-8C

HOSE I.D. (SIZE): -8

PORT CONNECTION: 1/2"-14

SHAPE: Straight (60° Cone)

PRODUCT STYLE: Female BSP Parallel Pipe - Swivel

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

CONNECTION 1 TYPE	Parker Design
PRODUCT TYPE	Crimp Fittings No-Skive Two-piece
CONNECTION 2 SIZE	1/2-14 inch Thread
CONNECTION 1 SIZE	12.7 mm Hose I.D.
APPLICATION	Medium Pressure Hydraulics

CONNECTION 2 TYPE	Female BSP Parallel Pipe - Swivel
TECHNOLOGY	Fluid & Gas Handling
SHAPE	Straight (60° Cone)
BRAND	Parker
TUBE OUTSIDE DIAMETER	n/a
MINIMUM OPERATING TEMPERATURE	-40 °F
INDUSTRY	Industrial Manufacturing Equipment, Off-road Machinery, Transportation
BODY MATERIAL	Stainless Steel
CONFIGURATION	Hose to Port
CONNECTION 1 SIZE	-8 (Size)
MAXIMUM OPERATING TEMPERATURE	105 °C
DIVISION	Polymer Hose Division Europe
MINIMUM OPERATING TEMPERATURE	-40 °C
CONNECTION 1 SIZE	1/2 inch Hose I.D.
MAXIMUM OPERATING TEMPERATURE	221 °F
FOR FLUID TYPE	Hydraulic Fluids on Mineral-oil Basis, Coolants (Water-Glycol), Lubricants (Oils), Air, Water
FITTING LENGTH	49 mm (see drawing legend A)
HEX SIZE	27 mm (see drawing legend H)
DIVISION	Polymer Hose Division Europe
MAXIMUM OPERATING PRESSURE	430 bar
CONNECTION LENGTH	22 mm (see drawing legend B)
MAXIMUM OPERATING PRESSURE	43.0 MPa