Parker Product Datasheet



Parker’s 43 Series crimp style hydraulic fittings are renowned for its ease of assembly and are a complete range of permanent, crimp-style hydraulic hose fittings for use with the Parkrimp family of crimpers.

PART NUMBER: 1CF43-12-6C
SHAPE: Elbow 90°
HOSE I.D. (SIZE): -6
BODY MATERIAL: Stainless Steel
CONNECTION 2 SIZE: M18x1.5
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)

PRODUCT OVERVIEW

The 43 Series of hydraulic hose fittings from Parker Hannifin is well known for its ease of assembly, wide selection of shape and end configurations, hose compatibility, and extensive use across markets. This fitting series of permanent crimp-style hydraulic fittings is designed for use with Parkrimp crimpers to deliver “bite-the-wire” sealing and holding power. When used with Parker’s No-Skive hoses, 43 Series fittings can be assembled without removing the outer hose cover, eliminating premature hose failure caused by skiving too long or too short.
Available in sizes from -4 to -16 in a wide variety of end configurations and around the world. For highly corrosive applications, 43 Series fittings also are available in stainless steel.

Markets:
• Mobile
• Industrial
• Mining

Features/Benefits:
• Easy push on force
• Stainless steel option available
• Wide range of end configurations
• One piece reduces complexity and leakage path
• No-Skive technology offers easy, efficient, and safe production processes

Applications:
• On Road Vehicles
• Military - Land Based
• Inplant Automotive
• Construction
• Agriculture
• Forestry
• Machine Tool
• Oil & Gas
• Material Handling
• Marine
• Water

Compatible Hoses:
• 304
• 421WC
• 426
• 722, 722TC, 722ST
• 787, 787TC (-4 and -6 only)
• 797, 797TC, 797ST ST (-4 and -6 only) • 881

TECH SPECIFICATIONS

FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
INDUSTRY	Industrial Manufacturing Equipment
CONFIGURATION	Hose to Port
DIVISION	Polymer Hose Division Europe
INDUSTRY	Transportation

INDUSTRY	Oil & Gas
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Phosphate-ester)
APPLICATION	General Industrial
CONNECTION 1 TYPE	Hose
INDUSTRY	Off-road Machinery
SHAPE	Elbow 90°
APPLICATION	In-Plant Automotive
PRODUCT TYPE	Crimp Fittings No-Skive
CONNECTION 1 SIZE	3/8 inch Hose I.D.
CONNECTION 2 TYPE	Metric L
APPLICATION	On-road Vehicles
DROP LENGTH	36 mm (see drawing legend E)
CONNECTION 1 SIZE	9.5 mm Hose I.D.
APPLICATION	Machine Tools
CONNECTION 2 TYPE	24° Cone (with O-Ring)
FITTING LENGTH	64 mm (see drawing legend A)
CONNECTION 2 TYPE	Swivel
PORT TYPE	DKOL
SPECIFICATIONS MET	ISO 12151-2-SWE-L
FOR FLUID TYPE	Lubricants (Oils)
HEX SIZE	22 mm (see drawing legend W)
CONNECTION 2 SIZE	M18x1.5 mm Thread
DIVISION	Polymer Hose Division Europe
TUBE OUTSIDE DIAMETER	12 mm
CONNECTION 1 SIZE	-6 (Size)
CONNECTION LENGTH	35 mm (see drawing legend B)
BODY MATERIAL	Stainless Steel

TECHNOLOGY	Fluid & Gas Handling
CONNECTION 2 TYPE	Female