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: 1CA43-12-6C
SHAPE: Straight
HOSE I.D. (SIZE): -6
CONNECTION 2 SIZE: M18x1.5
BODY MATERIAL: Stainless Steel
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

INDUSTRY	Off-road Machinery
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Phosphate-ester)
SPECIFICATIONS MET	ISO 12151-2-SWS-L
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	General Industrial

SHAPE	Straight
INDUSTRY	Transportation
CONFIGURATION	Hose to Port
CONNECTION 2 SIZE	M18x1.5 mm Thread
APPLICATION	On-road Vehicles
TUBE OUTSIDE DIAMETER	12 mm
CONNECTION LENGTH	20 mm (see drawing legend B)
CONNECTION 1 TYPE	Hose
CONNECTION 2 TYPE	Female
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
INDUSTRY	Oil & Gas
PRODUCT TYPE	Crimp Fittings No-Skive
APPLICATION	In-Plant Automotive
CONNECTION 1 SIZE	9.5 mm Hose I.D.
CONNECTION 2 TYPE	Swivel
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 2 TYPE	Female
APPLICATION	Machine Tools
DIVISION	Polymer Hose Division Europe
CONNECTION 2 TYPE	24° Cone (with O-Ring)
FOR FLUID TYPE	Lubricants (Oils)
CONNECTION 1 SIZE	-6 (Size)
BODY MATERIAL	Stainless Steel
CONNECTION 1 SIZE	3/8 inch Hose I.D.
CONNECTION 2 TYPE	Metric L
FITTING LENGTH	49 mm (see drawing legend A)
HEX SIZE	22 mm (see drawing legend W)

DIVISION	Polymer Hose Division Europe
PORT TYPE	DKOL