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: 1CA43-10-6C
SHAPE: Straight
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
HOSE I.D. (SIZE): -6
BODY MATERIAL: Stainless Steel
CONNECTION 2 SIZE: M16x1.5

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

DIVISION	Polymer Hose Division Europe
CONNECTION 1 SIZE	9.5 mm Hose I.D.
CONFIGURATION	Hose to Port
PRODUCT TYPE	Crimp Fittings No-Skive
DIVISION	Polymer Hose Division Europe

APPLICATION	In-Plant Automotive
CONNECTION 1 SIZE	-6 (Size)
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Machine Tools
PORT TYPE	DKOL
CONNECTION 2 TYPE	Female
INDUSTRY	Industrial Manufacturing Equipment
INDUSTRY	Oil & Gas
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
INDUSTRY	Transportation
APPLICATION	On-road Vehicles
FOR FLUID TYPE	Lubricants (Oils)
CONNECTION 2 TYPE	Swivel
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Phosphate-ester)
INDUSTRY	Off-road Machinery
APPLICATION	General Industrial
CONNECTION 2 TYPE	24° Cone (with O-Ring)
CONNECTION 2 SIZE	M16x1.5 mm Thread
CONNECTION 1 TYPE	Hose
BODY MATERIAL	Stainless Steel
SPECIFICATIONS MET	ISO 12151-2-SWS-L
CONNECTION 2 TYPE	Female
CONNECTION 2 TYPE	Metric L
FITTING LENGTH	49 mm (see drawing legend A)
HEX SIZE	19 mm (see drawing legend W)
CONNECTION 1 SIZE	3/8 inch Hose I.D.
CONNECTION LENGTH	22 mm (see drawing legend B)

TUBE OUTSIDE DIAMETER	10 mm
SHAPE	Straight