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: 1CA43-28-16C
SHAPE: Straight
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
HOSE I.D. (SIZE): -16
CONNECTION 2 SIZE: M36x2.0
BODY MATERIAL: Stainless Steel

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	Lubricants (Oils)
INDUSTRY	Off-road Machinery
CONNECTION 1 TYPE	Hose
TUBE OUTSIDE DIAMETER	28 mm
SHAPE	Straight

CONNECTION 2 TYPE	Swivel
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Phosphate-ester)
APPLICATION	General Industrial
CONNECTION 2 TYPE	24° Cone (with O-Ring)
INDUSTRY	Industrial Manufacturing Equipment
CONFIGURATION	Hose to Port
DIVISION	Polymer Hose Division Europe
CONNECTION 2 TYPE	Female
INDUSTRY	Transportation
HEX SIZE	41 mm (see drawing legend W)
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
CONNECTION 2 TYPE	Female
CONNECTION 2 TYPE	Metric L
APPLICATION	In-Plant Automotive
CONNECTION 1 SIZE	25.4 mm Hose I.D.
APPLICATION	Machine Tools
FITTING LENGTH	78 mm (see drawing legend A)
CONNECTION 1 SIZE	1 inch Hose I.D.
PORT TYPE	DKOL
CONNECTION 2 SIZE	M36x2.0 mm Thread
TECHNOLOGY	Fluid & Gas Handling
BODY MATERIAL	Stainless Steel
SPECIFICATIONS MET	ISO 12151-2-SWS-L
CONNECTION 1 SIZE	-16 (Size)
DIVISION	Polymer Hose Division Europe
APPLICATION	On-road Vehicles
CONNECTION LENGTH	33 mm (see drawing legend B)

PRODUCT TYPE	Crimp Fittings No-Skive
INDUSTRY	Oil & Gas