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: 1CA43-22-12C
CONNECTION 2 SIZE: M30x2.0
SHAPE: Straight
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
HOSE I.D. (SIZE): -12
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

DIVISION	Polymer Hose Division Europe
FOR FLUID TYPE	Lubricants (Oils)
CONNECTION 2 TYPE	Metric L
CONNECTION 2 TYPE	24° Cone (with O-Ring)
CONNECTION 2 TYPE	Swivel

CONNECTION 2 TYPE	Female
PORT TYPE	DKOL
CONFIGURATION	Hose to Port
PRODUCT TYPE	Crimp Fittings No-Skive
CONNECTION 1 SIZE	-12 (Size)
SPECIFICATIONS MET	ISO 12151-2-SWS-L
APPLICATION	In-Plant Automotive
TECHNOLOGY	Fluid & Gas Handling
CONNECTION 2 SIZE	M30x2.0 mm Thread
CONNECTION 1 TYPE	Hose
APPLICATION	Machine Tools
CONNECTION 2 TYPE	Female
APPLICATION	On-road Vehicles
SHAPE	Straight
CONNECTION 1 SIZE	3/4 inch Hose I.D.
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Phosphate-ester)
INDUSTRY	Oil & Gas
DIVISION	Polymer Hose Division Europe
HEX SIZE	36 mm (see drawing legend W)
FITTING LENGTH	63 mm (see drawing legend A)
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
INDUSTRY	Industrial Manufacturing Equipment
TUBE OUTSIDE DIAMETER	22 mm
CONNECTION LENGTH	24 mm (see drawing legend B)
INDUSTRY	Off-road Machinery
APPLICATION	General Industrial
CONNECTION 1 SIZE	19.1 mm Hose I.D.

INDUSTRY	Transportation
BODY MATERIAL	Stainless Steel