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: 10C43-25-16
CONNECTION 2 SIZE: M36x2.0
CONNECTION 2 TYPE: Female Metric S - Swivel (24° Cone with O-Ring)
SHAPE: Elbow 45°
BODY MATERIAL: Steel
HOSE I.D. (SIZE): -16

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

HEX SIZE	46 mm (see drawing legend W)
APPLICATION	General Industrial
TECHNOLOGY	Fluid & Gas Handling
SPECIFICATIONS MET	ISO 12151-2-SWE 45°-S
APPLICATION	On-road Vehicles

PRODUCT TYPE	Crimp Fittings No-Skive
BODY MATERIAL	Steel
CONNECTION 2 TYPE	24° Cone (with O-Ring)
DIVISION	Polymer Hose Division Europe
DIVISION	Polymer Hose Division Europe
CONNECTION LENGTH	76 mm (see drawing legend B)
FOR FLUID TYPE	Lubricants (Oils)
PORT TYPE	DKOS
DROP LENGTH	33 mm (see drawing legend E)
CONNECTION 2 TYPE	Metric S
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
FITTING LENGTH	123 mm (see drawing legend A)
CONNECTION 2 TYPE	Female
CONNECTION 2 TYPE	Swivel
TUBE OUTSIDE DIAMETER	25 mm
INDUSTRY	Off-road Machinery
CONNECTION 1 TYPE	Hose
INDUSTRY	Oil & Gas
INDUSTRY	Transportation
CONNECTION 1 SIZE	1 inch Hose I.D.
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Phosphate-ester)
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 1 SIZE	25.4 mm Hose I.D.
APPLICATION	In-Plant Automotive
SHAPE	Elbow 45°
CONNECTION 1 SIZE	-16 (Size)
CONFIGURATION	Hose to Port

APPLICATION	Machine Tools
COATING	Chromium 6 Free-plated
CONNECTION 2 SIZE	M36x2.0 mm Thread