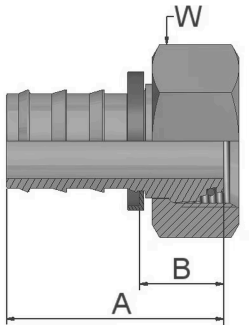
Parker Product Datasheet



Configure hose assemblies quickly and easily in the field without special tools with Parker’s 82 series one-piece, push-on field-attachable hydraulic fittings.

PART NUMBER: 3CA82-22-12C
CORE PRODUCT: in EMEA
CONNECTION 2 TYPE: Female Metric L - Swivel (24° Cone with O-Ring)
PORT CONNECTION: 22 mm
HEX TYPE: Metric
HOSE I.D. (SIZE): -12
BODY MATERIAL: Stainless Steel
SHAPE: Straight

PRODUCT OVERVIEW

Parker 82 Series 'Push-Lok®' Fittings are push-on, barb-style field-attachable hydraulic fittings that allow users to quickly and easily make hose assemblies right on the job site without special tools. When coupled with Parker’s Push-Lok hoses, 82 series fittings deliver convenience and shorter assembly times, as no clamp is required. Reusable 82 Series fittings feature a one-piece construction for reduced complexity and less chance of leakage. Compatible with the Push-Lok family of multipurpose hoses, 82 series fittings can be used with high temperature, dry air, hot water, fire-resistant, and higher pressure hoses. Offered in a wide range of end configurations and in sizes ranging from size -4 /DN 6) to size -16 (DN 25), 82 Series fittings are available in steel, brass or stainless steel steel. Applications include pneumatics, petroleum-base fluids, antifreeze, diesel, and phosphate ester.

Markets:

• Machine Tools
• Paper Industry
• Injection Moulding Machines
• Ground Support Equipment
• Chemical Industry
• Transfer Lines
• PET Blow Forming Machines
• Robots and Welding Installations
• Power electronics

Features/Benefits:
• Can be assembled in field with wrenches
• Imperial HEX
• Wide range of end configurations
• One piece reduces complexity and leakage path
• No-Skive technology offers easy, efficient, and safe production processes

Applications:
• Petroleum base hydraulic fluids and lubricating oils
• Pneumatic
• Antifreeze solutions
• Diesel fuels
• Phosphate ester
• Dry air and water

Compatible Hoses:
• 801PLUS
• 801RH
• 804
• 821FR
• 830M
• 836
•837BM
• 8337PU
• 838M
• 846

TECH SPECIFICATIONS

CONNECTION 1 TYPE	Hose
CONNECTION LENGTH	21 mm (see drawing legend B)
APPLICATION	Injection Moulding Machines
DIVISION	Polymer Hose Division Europe
SHAPE	Straight
PORT TYPE	DKOL
MAXIMUM OPERATING PRESSURE	166 bar
CONNECTION 1 SIZE	19.1 mm Hose I.D.
FITTING LENGTH	58 mm (see drawing legend A)
PRODUCT TYPE	Push-Lok Hose Fittings
FOR FLUID TYPE	Fuels - Check fuel type with our catalogue chart.
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum & Water-Glycol Base)
FOR FLUID TYPE	Lubricants (Oils)
CONNECTION 2 TYPE	Female
FOR FLUID TYPE	Water
CONNECTION 2 TYPE	Swivel (24° Cone with O-Ring)
FOR FLUID TYPE	Coolants (Glycol)
INDUSTRY	Industrial Manufacturing Equipment
FOR FLUID TYPE	Air (General Industrial Air)
DIVISION	Polymer Hose Division Europe
CONNECTION 2 TYPE	Metric L
SPECIFICATIONS MET	ISO 12151-2-SWS-L
CONNECTION 1 SIZE	3/4 inch Hose I.D.
MAXIMUM OPERATING PRESSURE	16.6 MPa
BODY MATERIAL	Stainless Steel
APPLICATION	Paper Machines

TUBE OUTSIDE DIAMETER	22 mm
PRODUCT TYPE	Barbed Fittings
TECHNOLOGY	Fluid & Gas Handling
BRAND	Parker
HEX SIZE	36 mm (see drawing Legend W)
CONNECTION 1 SIZE	-12 (Size)
APPLICATION	Transfer Lines
APPLICATION	Machine Tools
CONNECTION 2 SIZE	M30x2.0 mm Thread