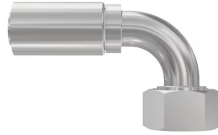


Parker Product Datasheet



Parker's 77 Series high-pressure hydraulic hose fittings deliver high performance, quick assembly and the design flexibility of more than 500 configurations.

PART NUMBER: 11C77-20-12C

PORT SIZE: M30

SHAPE: Elbow 90°

HOSE INSIDE DIAMETER: -12

CONNECTION 2 TYPE: Female Metric S - Swivel (24° Cone with O-Ring)

BODY MATERIAL: Stainless Steel

PRODUCT OVERVIEW

Crimp-style 77 Series hydraulic hose fittings from Parker Hannifin are cost-effective, permanent, bite-the-wire-style fittings for high-pressure applications. Designed for use with Parkrimp crimpers, 77 series fittings require less push-on force and are easy to assemble. Their compact, one-piece construction delivers better value, flow, and reduced heat and pressure loss, as well as reduced complexity. Compatible with a wide range of constant working pressure hoses, 77 Series fittings are engineered for efficiency, safety, and performance. When paired with Parker's No-Skive hose, 77 Series fittings can be assembled without removing the outer hose cover. Available in multiple materials and a wide assortment of end configurations, 77 series fittings are offered in sizes from ¼ inch to 2 inches.

Markets:

- Military
- Construction
- Forestry

- Oil Field Service
- Industrial
- Mining

Features/Benefits:

- Metric hex
- Easy push on force
- Multiple materials available, such as steel and stainless steel
- 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

Compatible Hoses:

- 387 (-20 through -32 only)
- 487 (-20 through -32 only)
- 787 (-8 through -32 only)
- 797 (-8 through -32 only)

TECH SPECIFICATIONS

FOR FLUID TYPE	Lubricants (Oils)
PORT TYPE	DKOS
FITTING LENGTH	108 mm (see drawing legend A)
APPLICATION	Lubricating Oils
MAXIMUM OPERATING PRESSURE	400 bar
CONNECTION 1 SIZE	3/4 inch
DIVISION	Polymer Hose Division Europe
CONNECTION 1 SIZE	-12 (Size)
BODY MATERIAL	Stainless Steel
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
CONNECTION 2 TYPE	Swivel

CONNECTION 1 SIZE	19.1 mm
INDUSTRY	Off-road Machinery
CONFIGURATION	Hose to Port
BRAND	Parker
TECHNOLOGY	Fluid & Gas Handling
HEX SIZE	36 mm (see drawing legend W)
CONNECTION 1 TYPE	Hose
PRODUCT TYPE	Crimp Fittings No-Skive
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM OPERATING PRESSURE	40.0 MPa
APPLICATION	Petroleum Base Hydraulic Fluids
CONNECTION 2 TYPE	Female
DIVISION	Polymer Hose Division Europe
CONNECTION 2 TYPE	Metric S
SPECIFICATIONS MET	ISO 12151-2-SWE-S
CONNECTION 2 TYPE	24° Cone (with O-Ring)
CONNECTION LENGTH	62 mm (see drawing legend B)
SHAPE	Elbow 90°
CONNECTION 2 SIZE	M30x2.0 mm Thread
DROP LENGTH	60 mm (see drawing legend E)