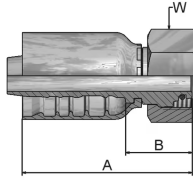


Parker Product Datasheet



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: 1C977-20-12C

SHAPE: Straight

CORE PRODUCT: in EMEA

PORT SIZE: M30

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

CONNECTION 1 TYPE	Hose
FOR FLUID TYPE	Lubricants (Oils)
CONNECTION 2 TYPE	Metric S
DIVISION	Polymer Hose Division Europe
INDUSTRY	Off-road Machinery
CONNECTION 2 TYPE	24° Cone (with O-Ring)
FOR FLUID TYPE	Petroleum Hydraulic Fluids (Petroleum Base)
CONNECTION 2 TYPE	Swivel
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM OPERATING PRESSURE	420 bar

PRODUCT TYPE	Crimp Fittings No-Skive
FITTING LENGTH	76 mm (see drawing legend A)
HEX SIZE	36 mm (see drawing legend W)
CONNECTION 2 SIZE	M30x2.0 mm Thread
BODY MATERIAL	Stainless Steel
SHAPE	Straight
APPLICATION	Lubricating Oils
SPECIFICATIONS MET	ISO 12151-2-SWS-S
APPLICATION	Petroleum Base Hydraulic Fluids
TECHNOLOGY	Fluid & Gas Handling
DIVISION	Polymer Hose Division Europe
BRAND	Parker
CONNECTION 1 SIZE	3/4 inch
CONNECTION LENGTH	30 mm (see drawing legend B)
CONNECTION 1 SIZE	-12 (Size)
MAXIMUM OPERATING PRESSURE	42.0 MPa
CONNECTION 1 SIZE	19.1 mm
COATING	Zinc-Nickel
PORT TYPE	DKOS
CONFIGURATION	Hose to Port
CONNECTION 2 TYPE	Female