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: 1C977-12-8
SHAPE: Straight
PORT CONNECTION: M12
MATERIALS OF CONSTRUCTION: Steel
PRODUCT STYLE: Female Metric S - Swivel (24° Cone with O-Ring)
HOSE I.D. (INCH): 1/2'

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

FLANGE SIZE	n/a
CONNECTION SIZE	n/a
HOSE INSIDE DIAMETER	-8 (Size)
PRODUCT STYLE	Female Metric S - Swivel - (24° Cone with O-Ring)
HOSE INSIDE DIAMETER	1/2 inch
PORT SIZE	M12 mm
SHAPE	Straight
CONNECTION SIZE	M20x1.5 mm Thread
BANJO PORT DIAMETER	n/a
DIVISION	Hose Products Division

BACK-UP HEX SIZE	n/a
MATERIALS OF CONSTRUCTION	Steel
NUT HEX SIZE	24 mm