

Parker Product Datasheet



Parker Parkrimp Medium Pressure Fittings - 48 Series - are permanent, crimp style hydraulic fittings that allow a quick assembly with our family of Parkrimp crimpers.

PART NUMBER: 1C948-20-10C
SHAPE: Straight
PRODUCT STYLE: -
HOSE INSIDE DIAMETER: -10
PORT SIZE: 20 mm
CONNECTION 2 TYPE: Female Metric S - Swivel (24° Cone with O-Ring)
PORT TYPE: DKOS
BODY MATERIAL: Stainless Steel

PRODUCT OVERVIEW

Parker's Parkrimp No-Skive medium pressure fittings 48 series are permanent, crimp style hydraulic fittings that allow a quick assembly with our family of Parkrimp crimpers. Assembly of No-Skive hose and fittings does not require removal of the outer cover of the hose. This eliminates premature hydraulic hose failure caused by skiving too long or short. 48 series fittings have chromium-6-free plating and are used with Parker wire braided hydraulic hoses such as Global Core with standard, tough or super tough cover, Elite No-Skive with standard, tough or super tough cover, No-Skive Compact water cleaning hoses, No-Skive Compact Rail Hoses with fire retardant cover, hydraulic hoses according EN 853 1SN / SAE 100R1AT, EN 853 2SN / SAE100R2AT, suction and return hoses according SAE 100R4, and a lot more.

Parker Hannifin also meets the requirements of SAE J1273 and ISO 17165-2, which pay particular attention to matching the hose with the fittings and to their compatibility proven by the manufacturer.

Markets:

- Construction Equipment
- Injection Moulding
- Transportation
- Forestry and Agriculture

- Materials Handling
- Pulp and Paper

Features / Benefits:

- Matched hose und fitting system guarantees an approved and safe combination and the highest quality and safety combined with the longest service life of the final product to the end-users.
- No-Skive technology offers the easiest and most efficient and safe production process to the assemblers.

Applications:

- All construction equipment machines
- Large injection moulding machines
- Agriculture and forestry machines
- Container handling machines
- High pressure cleaners
- Paper machines

Parker Parkrimp medium pressure fittings - 48 series are compatible with the following hoses:

- 301SN, 301TC
- 304
- 387, 387TC and 387ST
- 421SN, 421RH
- 426 and 436
- 441 and 441RH
- 451TC
- 461LT
- 462, 462CLF, 462TC and 462ST
- 471TC
- 477 and 477ST
- 487, 487TC and 487ST
- 493
- 811

TECH SPECIFICATIONS

DIVISION

Polymer Hose Division Europe

SPECIFICATIONS MET

ISO 12151-2-SWS-S

CONNECTION 2 SIZE	M30x2.0 mm Thread
BODY MATERIAL	Stainless Steel
SHAPE	Straight
CONNECTION LENGTH	28 mm (see drawing legend B)
PORT TYPE	DKOS
CONNECTION 1 SIZE	5/8 inch Hose I.D.
CONNECTION 2 TYPE	24° Cone (with O-Ring)
FOR FLUID TYPE	Coolants (Water-Glycol)
BRAND	Parker
TECHNOLOGY	Fluid & Gas Handling
FOR FLUID TYPE	Water
CONFIGURATION	Hose to Port
CONNECTION 1 SIZE	-10 (Size)
FOR FLUID TYPE	Mineral Hydraulic Oil
CONNECTION 1 SIZE	15.9 mm Hose I.D.
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Air
INDUSTRY	Industrial Manufacturing Equipment
MAXIMUM OPERATING PRESSURE	420 bar
APPLICATION	Hydraulics
FITTING LENGTH	53 mm (see drawing legend A)
CONNECTION 2 TYPE	Female
CONNECTION 2 TYPE	Metric S
INDUSTRY	Transportation
HEX SIZE	36 mm (see drawing legend W)
CONNECTION 2 TYPE	Swivel
INDUSTRY	Off-road Machinery

MAXIMUM OPERATING PRESSURE	42.0 MPa
CONNECTION 1 TYPE	Hose
TUBE OUTSIDE DIAMETER	20 mm
PRODUCT TYPE	Hose Fittings
COATING	Chromium 6 Free-plated
DIVISION	Polymer Hose Division Europe