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: 10C48-12-6C
PRODUCT STYLE: -
HOSE INSIDE DIAMETER: -6
CONNECTION 2 TYPE: Female Metric S - Swivel (24° Cone with O-Ring)
PORT SIZE: 12 mm
PORT TYPE: DKOS
BODY MATERIAL: Stainless Steel
SHAPE: Elbow 45°

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

FOR FLUID TYPE	Coolants (Water-Glycol)
CONFIGURATION	Hose to Port
PRODUCT TYPE	Hose Fittings
CONNECTION 2 SIZE	M20x1.5 mm Thread
CONNECTION LENGTH	48 mm (see drawing legend B)
FOR FLUID TYPE	Hydraulic Fluids
CONNECTION 1 TYPE	Hose
TUBE OUTSIDE DIAMETER	12 mm
CONNECTION 1 SIZE	3/8 inch Hose I.D.
DROP LENGTH	21 mm (see drawing legend E)
CONNECTION 1 SIZE	-6 (Size)
TECHNOLOGY	Fluid & Gas Handling
INDUSTRY	Transportation
FOR FLUID TYPE	Mineral Hydraulic Oil
DIVISION	Polymer Hose Division Europe
MAXIMUM OPERATING PRESSURE	630 bar
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION 2 TYPE	Metric S
SPECIFICATIONS MET	ISO 12151-2-SWE 45°-S
SHAPE	Elbow 45°
CONNECTION 2 TYPE	Swivel
DIVISION	Polymer Hose Division Europe
BODY MATERIAL	Stainless Steel
HEX SIZE	24 mm (see drawing legend W)
CONNECTION 2 TYPE	24° Cone (with O-Ring)

FOR FLUID TYPE	Water
PORT TYPE	DKOS
MAXIMUM OPERATING PRESSURE	63.0 MPa
INDUSTRY	Off-road Machinery
CONNECTION 2 TYPE	Female
FITTING LENGTH	70 mm (see drawing legend A)
CONNECTION 1 SIZE	9.5 mm Hose I.D.
APPLICATION	Hydraulics
BRAND	Parker
FOR FLUID TYPE	Air