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: 1B448-8-8
HOSE INSIDE DIAMETER: -8
CONNECTION 2 TYPE: Female BSP Parallel Pipe - Swivel (60° Cone)
PRODUCT STYLE: -
PORT TYPE: DKR 90°
BODY MATERIAL: Steel
PORT SIZE: 1/2'
SHAPE: Elbow 90° - Block Type

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

CONNECTION 2 TYPE	BSP Parallel Pipe
CONNECTION 1 SIZE	1/2 inch Hose I.D.

DROP LENGTH	27 mm (see drawing legend E)
FOR FLUID TYPE	Mineral Hydraulic Oil
CONNECTION 2 TYPE	60° Cone
FOR FLUID TYPE	Hydraulic Fluids
FOR FLUID TYPE	Air
CONNECTION 2 TYPE	Female
FOR FLUID TYPE	Water
CONNECTION 2 TYPE	Swivel
CONNECTION 1 SIZE	12.7 mm Hose I.D.
FOR FLUID TYPE	Coolants (Water-Glycol)
DIVISION	Polymer Hose Division Europe
CONNECTION 2 SIZE	1/2'-14 inch Thread
MAXIMUM OPERATING PRESSURE	35.0 MPa
HEX SIZE 1	27 mm (see drawing legend W)
APPLICATION	Hydraulics
DIVISION	Polymer Hose Division Europe
MAXIMUM OPERATING PRESSURE	350 bar
TECHNOLOGY	Fluid & Gas Handling
PORT TYPE	DKR
PRODUCT TYPE	Hose Fittings
CONNECTION 1 SIZE	-8 (Size)
SHAPE	Elbow 90° Block Type
BODY MATERIAL	Steel
INDUSTRY	Off-road Machinery
BRAND	Parker
INDUSTRY	Transportation
HEX SIZE 2	22 mm (see drawing legend H)

CONNECTION 1 TYPE	Hose
CONFIGURATION	Hose to Port
CONNECTION LENGTH	43 mm (see drawing legend B)
FITTING LENGTH	67 mm (see drawing legend A)
INDUSTRY	Industrial Manufacturing Equipment
COATING	Chromium 6 Free-plated
SPECIFICATIONS MET	BS 5200-E