# 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:** 11C48-12-8
**HOSE INSIDE DIAMETER:** -8
**PRODUCT STYLE:** -
**SHAPE:** Elbow 90°
**BODY MATERIAL:** Steel
**CONNECTION 2 TYPE:** Female Metric S - Swivel (24° Cone with O-Ring)
**PORT SIZE:** 12 mm
**PORT TYPE:** DKOS

## 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

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|---|---|
| **INDUSTRY** | Industrial Manufacturing Equipment |
| **CONNECTION 1 SIZE** | 1/2 inch Hose I.D. |
| **COATING** | Chromium 6 Free-plated |
| **FOR FLUID TYPE** | Hydraulic Fluids |
| **FOR FLUID TYPE** | Air |
| **FOR FLUID TYPE** | Coolants (Water-Glycol) |
| **CONNECTION 2 TYPE** | Female |
| **MAXIMUM OPERATING PRESSURE** | 630 bar |
| **INDUSTRY** | Off-road Machinery |
| **CONNECTION 1 SIZE** | 12.7 mm Hose I.D. |
| **CONNECTION 2 TYPE** | Swivel |
| **FOR FLUID TYPE** | Mineral Hydraulic Oil |
| **CONNECTION 2 TYPE** | 24° Cone (with O-Ring) |
| **CONNECTION 2 TYPE** | Metric S |
| **CONFIGURATION** | Hose to Port |
| **CONNECTION 1 TYPE** | Hose |
| **FOR FLUID TYPE** | Water |
| **BRAND** | Parker |
| **MAXIMUM OPERATING PRESSURE** | 63.0 MPa |
| **INDUSTRY** | Transportation |
| **APPLICATION** | Hydraulics |
| **SHAPE** | Elbow 90° |
| **DROP LENGTH** | 44 mm (see drawing legend E) |
| **TUBE OUTSIDE DIAMETER** | 12 mm |
| **DIVISION** | Polymer Hose Division Europe |

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|---|---|
| **FITTING LENGTH** | 63 mm (see drawing legend A) |
| **DIVISION** | Polymer Hose Division Europe |
| **HEX SIZE** | 24 mm (see drawing legend W) |
| **PORT TYPE** | DKOS |
| **CONNECTION LENGTH** | 39 mm (see drawing legend B) |
| **PRODUCT TYPE** | Hose Fittings |
| **BODY MATERIAL** | Steel |
| **CONNECTION 1 SIZE** | -8 (Size) |
| **SPECIFICATIONS MET** | ISO 12151-2-SWE-S |
| **TECHNOLOGY** | Fluid & Gas Handling |
| **CONNECTION 2 SIZE** | M20x1.5 mm Thread |