# Parker Product Datasheet



High Pressure No-Skive fitting 70 series for High Pressure No-Skive three wire braided Compact and Multispiral hydraulic hoses.

**PART NUMBER:** 1C970-16-10
**SHAPE:** Straight
**PORT SIZE:** 16 mm
**HOSE INSIDE DIAMETER:** -10
**CONNECTION 2 TYPE:** Female Metric S - Swivel (24° Cone with O-Ring)
**PORT TYPE:** DKOS

## PRODUCT OVERVIEW

Parker's Parkrimp No-Skive high pressure fittings 70 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. 70 series fittings have chromium-6-free plating and are used with Parker No Skive Compact 3-wire braid hydraulic hoses and No Skive four wire multispiral hydraulic hose.
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
· Transportation
· Forestry

· Agriculture

Features / Benefits:
· Matched hose and 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
· Agriculture and forestry machines
· general high pressure hydraulic applications

Parker Parkrimp high pressure fittings 70 series are compatible with the following hoses:
· 371LT, 372, 372RH and 372TC
· 701

# TECH SPECIFICATIONS

| | |
|---|---|
| **FOR FLUID TYPE** | Lubricants |
| **FOR FLUID TYPE** | Water |
| **FOR FLUID TYPE** | Lubricants (Oils) |
| **FOR FLUID TYPE** | Air (General Industrial Air) |
| **FOR FLUID TYPE** | Coolants (Glycol, Water-Glycol) |
| **FOR FLUID TYPE** | Mineral Hydraulic Oil |
| **FOR FLUID TYPE** | Hydraulic Fluids on Mineral-oil Basis |
| **CONNECTION 1 SIZE** | -10 (Size) |
| **CONNECTION 2 TYPE** | 24° Cone (with O-Ring) |
| **APPLICATION** | High Pressure Hydraulics |
| **TECHNOLOGY** | Fluid & Gas Handling |
| **PORT TYPE** | DKOS |
| **SHAPE** | Straight |

| | |
|---|---|
| **DIVISION** | Polymer Hose Division Europe |
| **CONNECTION 1 TYPE** | Hose |
| **HEX SIZE** | 30 mm (see drawing legend W) |
| **CONNECTION 1 SIZE** | 15.9 mm Hose I.D. |
| **MAXIMUM OPERATING PRESSURE** | 420 bar |
| **CONNECTION LENGTH** | 27 mm (see drawing legend B) |
| **BRAND** | Parker |
| **TUBE OUTSIDE DIAMETER** | 16 mm |
| **CONNECTION 1 SIZE** | 5/8 inch Hose I.D. |
| **BODY MATERIAL** | Steel |
| **SPECIFICATIONS MET** | ISO 12151-2-SWS-S |
| **INDUSTRY** | Off-road Machinery |
| **PRODUCT TYPE** | Crimp Fittings No-Skive |
| **CONNECTION 2 SIZE** | M24x1.5 mm Thread |
| **MAXIMUM OPERATING PRESSURE** | 42.0 MPa |
| **CONFIGURATION** | Hose to Port |
| **FITTING LENGTH** | 66 mm (see drawing legend A) |
| **CONNECTION 2 TYPE** | Swivel |
| **INDUSTRY** | Transportation |
| **DIVISION** | Polymer Hose Division Europe |
| **FOR FLUID TYPE** | Air |
| **CONNECTION 2 TYPE** | Female |
| **CONNECTION 2 TYPE** | Metric S |