# Parker Product Datasheet



Parker quick coupling system Premium Plus with scandinavian profile and nominal diameter 10 for pneumatic and fluid handling applications up to 35 bar!

**PART NUMBER:** 1816
**MATERIAL:** Steel zinc plated
**TYPE:** Hose barb
**HOSE I.D.:** 16
**VERSION:** Without valve
**CONNECTION THREAD SIZE (INCH):** 3/8
**CONNECTION TYPE:** Male Thread - parallel

## PRODUCT OVERVIEW

Parker's series 1800 is used mainly for applications in the area of compressed air and liquids. The coupling system stands out for its robust, compact design and its high corrosion resistance. The Ultra HighFlow valve guaranteed an optimum flow and low pressure drop.

Markets:
- Machinery Construction
- Automotive
- Life Science
- Process
- Food Technology
- Aerospace
- Mobile Hydraulics

Features/Benefits:
- Robust and Compact design
- Ultra HighFlow valve for optimum flow and low pressure drop - Energy Saver
- Corrosion resistant

Applications:
- Pneumatic Power Tools
- Assembly Lines
- Air compressors
- Fluid Transfer

# TECH SPECIFICATIONS

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|---|---|
| **FLOW RATE** | 2300 L/min |
| **MINIMUM OPERATING TEMPERATURE** | -20 °C |
| **SEAL MATERIAL** | n/a |
| **DIVISION** | High Pressure Connectors Europe Division |
| **MAXIMUM OPERATING PRESSURE** | 50 bar |
| **MAXIMUM OPERATING TEMPERATURE** | 100 °C |
| **DIAMETER** | 10 nom |
| **OUTSIDE DIAMETER** | n/a |
| **LENGTH** | 39 mm |
| **HEX SIZE** | 30 mm |
| **VALVE INCLUDED** | N/A |