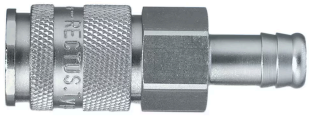
# Parker Product Datasheet



Premium quick coupling system with nominal diameter 10 for pneumatic and fluid handling applications up to 35 bar. Coupling system with the largest standard European profile. Available made of brass/steel or stainless steel.

**PART NUMBER:** 27KBTF13MPN
**COUPLING HALF:** Coupler
**CONNECTION SIZE:** 13 MM
**BODY MATERIAL:** Brass
**FUNCTION:** Double Shut-Off
**CONNECTION TYPE:** Hose Barb

## PRODUCT OVERVIEW

Parker's 1/2' universal industrial coupling with standard European profile for use with large pneumatic consumers.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow and long service life even with the harshest use. The collar design minimises damage to the valve body.

Markets:

- Machinery Construction

- Trade

- Automotive

- Life Science

- Process

- Food & Beverage

- Aerospace

- Mobile Hydraulics

- Industrial

Features/Benefits:

- UltraFlo valve for optimum flow and low pressure drop

- Higher working pressure compared to competitve products

- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools

- Assembly Lines

- Air compressors

- Fluid Transfer

- Labotory Gas Supply

- Cooling of Electronic Components

- Food and chemical processing

- Water and coolant lines

- Thermal Management

# TECH SPECIFICATIONS

| | |
|---|---|
| **BRAND** | Parker |
| **MINIMUM OPERATING TEMPERATURE** | -20 °C |
| **COMPATIBLE FITTING** | Series 27 Plug |
| **FOR FLUID TYPE** | Coolants |
| **WEIGHT** | 0.1596 kg |
| **INDUSTRY** | Transportation |
| **MAXIMUM OPERATING TEMPERATURE** | 100 °C |
| **APPLICATION** | Electronics |
| **TECHNOLOGY** | Pneumatics |
| **FOR FLUID TYPE** | Air & Neutral Gases |
| **FLOW RATE** | 14 L/min (water) |
| **APPLICATION** | Automotive |
| **FOR FLUID TYPE** | Chemicals |
| **BRAND** | Rectus |
| **MINIMUM OPERATING TEMPERATURE** | -4 °F |
| **MAXIMUM OPERATING PRESSURE** | 507 psi |
| **FOR FLUID TYPE** | Water |
| **DIAMETER** | 10 mm (nominal) |
| **MAXIMUM OPERATING TEMPERATURE** | 212 °F |
| **APPLICATION** | Food & Beverages |
| **FLOW RATE** | 950 L/min (air) |
| **INTERCHANGE TYPE** | European Profile |
| **MAXIMUM OPERATING PRESSURE** | 35 bar |
| **PRODUCT SERIES** | Series 27 |

| | |
|---|---|
| **INDUSTRY** | Electronics |
| **CONNECTION SIZE** | 13 mm |
| **APPLICATION** | Industrial Equipment |
| **INDUSTRY** | General Industrial |
| **LENGTH** | 33 to 76 mm |
| **APPLICATION** | Energy Management |
| **DIVISION** | Low Pressure Connectors Europe Division |
| **PRODUCT TYPE** | Pneumatic Quick Couplings |
| **QUANTITY PER BOX** | 5 |
| **APPLICATION** | Trucks & Trailers |
| **REGION OF ORIGIN** | Germany |
| **CONNECTION TYPE** | Hose Barb |
| **PRODUCT STYLE** | Quick Connect |
| **HEX SIZE** | 17 to 32 mm |
| **OPERATION TYPE** | Sleeve |
| **VALVE INCLUDED** | Yes |
| **DIVISION** | Low Pressure Connectors Europe Division |
| **SEAL MATERIAL** | NBR |
| **SLEEVE MATERIAL** | Brass |
| **PLATING TYPE** | Nickel-Plated |
| **FUNCTION** | Double Shut-Off |
| **BODY MATERIAL** | Brass |
| **TECHNOLOGY** | Fluid & Gas Handling |
| **VALVE TYPE** | High Flow Valve |
| **COUPLING HALF** | Coupler |