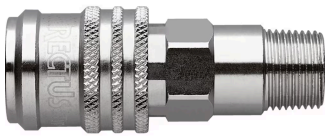
# Parker Product Datasheet



Quick coupling system with nominal diameter 7.8 for pneumatic (series 25, 1600 and 1625), liquids and gas applications (series 25) up to 35 bar. Available in nickel-plated brass, steel, stainless steel (technical polymer sleeve for series 1625).

**PART NUMBER:** 1600KEAK21SPN
**COUPLING HALF:** Coupler
**CONNECTION SIZE:** R 1/2
**BODY MATERIAL:** Steel
**CONNECTION TYPE:** Male BSPT
**FUNCTION:** Self-Venting

## PRODUCT OVERVIEW

Parker's Series 25 is industrial coupling with European profile. Coupling system with single-hand operation. High flow valve for optimum flow and low pressure drops. Series stands out for its robust design and long service life even with the harshest use.

Parker's Series 1600 and 1625 are industrial coupling with European profile. Coupling system with single-hand operation. Suitable for compressed air application with greater than average air consumption. Ultra-High flow valve for optimum flow and low pressure drop. Extremely robust and ergonomically shaped (series 1625)

Markets:

Series 25 - Electronics and Energy Management

- Tranportation

- Life Science

- Industrial

Series 1600 and 1625 - Electronics and Energy Management

- Transportation

- Industrial

Features/Benefits:

- Industrial coupling with European profile, most representative profile worldwide

- Single-hand operation for easy and fast connection

- High-Flow and Ultra High-Flow valve for optimum flow and low pressure drop

# TECH SPECIFICATIONS

| | |
|---|---|
| **FUNCTION** | Self-Venting |
| **DIVISION** | Low Pressure Connectors Europe Division |
| **PRODUCT STYLE** | Quick Connect |
| **COUPLING HALF** | Coupler |
| **SLEEVE MATERIAL** | Steel |
| **OPERATION TYPE** | Sleeve |
| **TECHNOLOGY** | Pneumatics |
| **VALVE TYPE** | Ultra High Flow Valve |
| **BODY MATERIAL** | Steel |
| **SEAL MATERIAL** | NBR |

| | |
|---|---|
| **OUTSIDE DIAMETER** | 26 mm |
| **PLATING TYPE** | Nickel-Plated |
| **REGION OF ORIGIN** | Germany |
| **CONNECTION TYPE** | BSPT |
| **VALVE INCLUDED** | Yes |
| **QUANTITY PER BOX** | 10.0 |
| **DIVISION** | Low Pressure Connectors Europe Division |
| **CONNECTION SIZE** | R 1/2 |
| **MAXIMUM OPERATING PRESSURE** | 12 bar |
| **BRAND** | Parker |
| **COMPATIBLE FITTING** | Series 25 Plug |
| **APPLICATION** | Industrial Machinery |
| **BRAND** | Rectus |
| **LENGTH** | 59 mm |
| **APPLICATION** | Air & Gas Compressor |
| **INTERCHANGE TYPE** | European Profile |
| **MAXIMUM OPERATING PRESSURE** | 174 psi |
| **APPLICATION** | Mobile & Defence |
| **FOR FLUID TYPE** | Air & Neutral Gases (Industrial compressed, lubricated air, inert gases) |
| **FLOW RATE** | 2020 L/min (air) |
| **MINIMUM OPERATING TEMPERATURE** | -4 °F |
| **PRODUCT TYPE** | Pneumatic Quick Couplings |
| **PRODUCT SERIES** | Series 1600 - Safety |
| **INDUSTRY** | General Industrial |
| **MAXIMUM OPERATING TEMPERATURE** | 100 °C |

| | |
|---|---|
| **HEX SIZE** | 22 mm |
| **WEIGHT** | 0.1184 kg |
| **INDUSTRY** | Transportation |
| **MAXIMUM OPERATING TEMPERATURE** | 212 °F |
| **APPLICATION** | Trucks & Trailers |
| **DIAMETER** | 7.8 mm (nominal) |
| **MINIMUM OPERATING TEMPERATURE** | -20 °C |
| **CONNECTION TYPE** | Male |