



**Transair®**  
**Advanced Pipe Systems for Industrial Fluids**  
Stainless Steel Drops



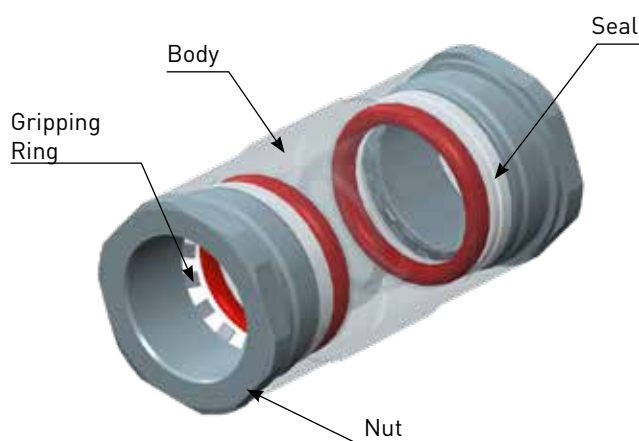
ENGINEERING YOUR SUCCESS.

# Transair® Stainless Steel Drops

- ▮ To meet the requirements of compressed air and vacuum applications in **harsh environments** (food and beverage, pharmaceutical or laboratories), Transair® now proposes a complete range of **Ø22 mm 316L stainless steel drops**.
- ▮ These **modular drops with instant connection technology** are very easy to clean and are resistant to **aggressive** chemical agents (list of chemical compatibility available upon request).
- ▮ For food and beverage applications, these drops can be used in **food** or **splash zones** as they are compatible with permanent food contact (316L stainless steel complies with **FDA - CFR21 requirements** for food contact applications).

## TECHNICAL SPECIFICATIONS

|                             |  |
|-----------------------------|--|
| Pipe external diameter      | 22 mm                                  |
| Pipe internal diameter      | 19.6mm                                 |
| Sealing                     | FKM                                    |
| Pressure                    | 0 to 10 bar                            |
| Temperature                 | - 20°C to + 120°C                      |
| Vacuum                      | 1 mbar<br>(absolute value)             |
| Design                      | Full bore design<br>Instant connection |
| Material (fitting and pipe) | full stainless steel 316L              |



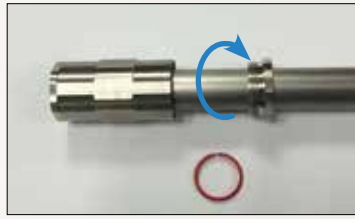
## ADVANTAGES ET BENEFITS

- Fully dismountable and reusable
- Instant connection and disconnection
- Modular and flexible networks
- Optimisation of cleaning and maintenance operations
- Large chemical compatibility for applications in aggressive chemical environments (See Chemical Compatibility Chart page 115 of Transair® 2020 General Catalogue)
- The 3-port wall bracket facilitates the connection to the process.

## Instructions for Assembly and Disassembly of a Stainless Steel Drop



Assembly: simply push the pipe into the fitting.



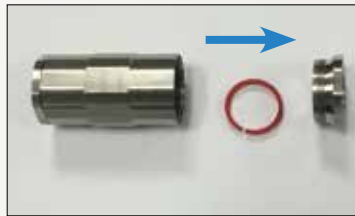
Disassembly: **1.** Manually unscrew the nut and slide the nut along the pipe.



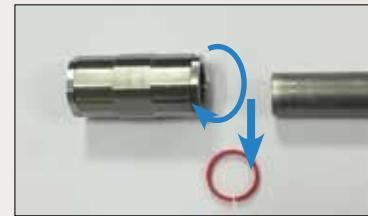
Disassembly : **2.** Put the red dismounting ring on the pipe and re-screw the nut on the fitting.



Disassembly : **3.** Pull the pipe from the fitting.














Disassembly : **4.** Manually unscrew the nut and remove the red dismounting ring.



Disassembly : **5.** Re-screw the nut on the fitting without the red ring; it is ready for assembly.

These drops can be connected to quick assembly brackets of Transair® aluminium range (pages 40/41 in Transair® 2020 General Catalogue) and to quick assembly brackets of Transair® stainless steel range (page 129 in Transair® 2020 General Catalogue).

| Products  | Transair® Part Numbers                 | Description  |
|---|--|--|
|                      | <b>TF03 N7 00</b><br><b>TF06 N7 00</b> | Ø22 Pipe - Stainless Steel 316L - Length: 3 m<br>Ø22 Pipe - Stainless Steel 316L - Length: 6 m |
|                      | <b>RF06 N7 02</b>                      | Pipe-Pipe Connector, Ø22, Stainless Steel 316L FKM   |
|                      | <b>RF02 N7 00</b>                      | 90° Elbow, Stainless Steel 316L, Ø22 (Bended Pipe)   |
|                      | <b>RF02 N7 02</b>                      | 90° Elbow, Stainless Steel 316L  |
|                      | <b>RF04 06 00</b>                      | Threaded Equal Tee G3/4", Stainless Steel 316L   |
|                      | <b>RF08 N7 06 02</b>                   | Male Stud Fitting Ø22, G3/4" FKM, Stainless Steel 316L   |
|  | <b>RF35 06 04</b>                      | G3/4" Wall Bracket > 3 Port G1/2", Stainless Steel 316L (supplied without plug)                |
|                      | <b>EF25 00 04 02</b>                   | Stainless Steel Plug, FKM Sealing, for Wall Bracket RF35 06 04                                 |
|                      | <b>VF04 00 06</b>                      | Male Valve R3/4" /Female G3/4", Stainless Steel 316L   |
|                      | <b>EX01 N7 00</b>                      | Fixing Clip, Ø22, Stainless Steel 316L   |
|                      | <b>EW11 N7 00</b>                      | Red Dismounting Ring, Polymer, Ø22   |

# Transair®

## Advanced Pipe Systems for Industrial Fluids



### Aluminium Range

- **Calibrated Aluminium Pipe**  
Qualicoat Painting
- **Diameters (in mm)**  
16.5 - 25 - 40 - 50 - 63 - 76 - 100 - 168
- **Colours**  
Available in blue - grey - green  
Other colours upon request
- **Maximum Working Pressure\***
  - 16 bar (-20°C to 45°C) up to 100 mm
  - 13 bar (-20°C to 60°C) for all diameters
  - 7 bar (-20°C to 85°C) for all diameters
- **Vacuum Level**  
99,9% (1 mbar absolute pressure)
- **Working Temperature :** -20°C to 85°C
- **NBR Seals**
- **Compatibility:** Lubricated or oil-free compressed air, industrial vacuum, nitrogen (99.99% purity), inert gas

\*TÜV certification

### Stainless Steel Range

- **Stainless Steel Pipe**  
AISI 304 or 316L
- **Diameters (in mm)**  
22 - 28 - 42 - 60 - 76 - 100
- **Maximum Working Pressure\***
  - 10 bar (-20°C to 60°C) for all diameters
  - 7 bar (-20°C to 90°C) for all diameters
- **Vacuum Level**  
99,9% (1 mbar absolute pressure)
- **Working Temperature :** -20°C to 90°C
- **EPDM or FKM Seals**
- **Compatibility**  
Cooling water, industrial water with additives, lubricating oil, compressed air, vacuum, inert gas

\*TÜV certification

### Certification





# Transair®: Tools and Services



## Transair® General Catalogue

Gathers all information, regarding Transair® aluminium and stainless steel product ranges.

Available for download on [www.parkertransair.com](http://www.parkertransair.com)



## Transair® Available for BIM

BIM - Building Information Modeling - is a collaborative e-platform of a construction project, gathering all the actors of this project, according to a common language. All Transair® families are now available, in REVIT format, in **LOD (Level Of Detail) 200 & 400**.



## Transair® Flow Calculator

Defines the recommended diameter for your project, estimates your pressure drops and gives the maximum flow rate by diameter.



## Transair® Vacuum Calculator

Helps you to size and compare vacuum systems quickly and easily.



## Transair® Energy Efficiency Calculator

Evaluates the energy cost of your system and return on investment of a Transair® solution.



## Transair® CAD Drawings

View or download Transair® CAD drawings in real time in 2D or 3D.



## Transair® Website: [www.parkertransair.com](http://www.parkertransair.com)

Gives you access to extensive information about the Transair® system, technical data, examples of existing networks and a download centre for catalogues, manuals, software and brochures.



## Transair® Quotation Service: [transair.quotation@parker.com](mailto:transair.quotation@parker.com)

Gives you a budgeted or detailed quotation for your project and its implementation.

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