



**Transair®**

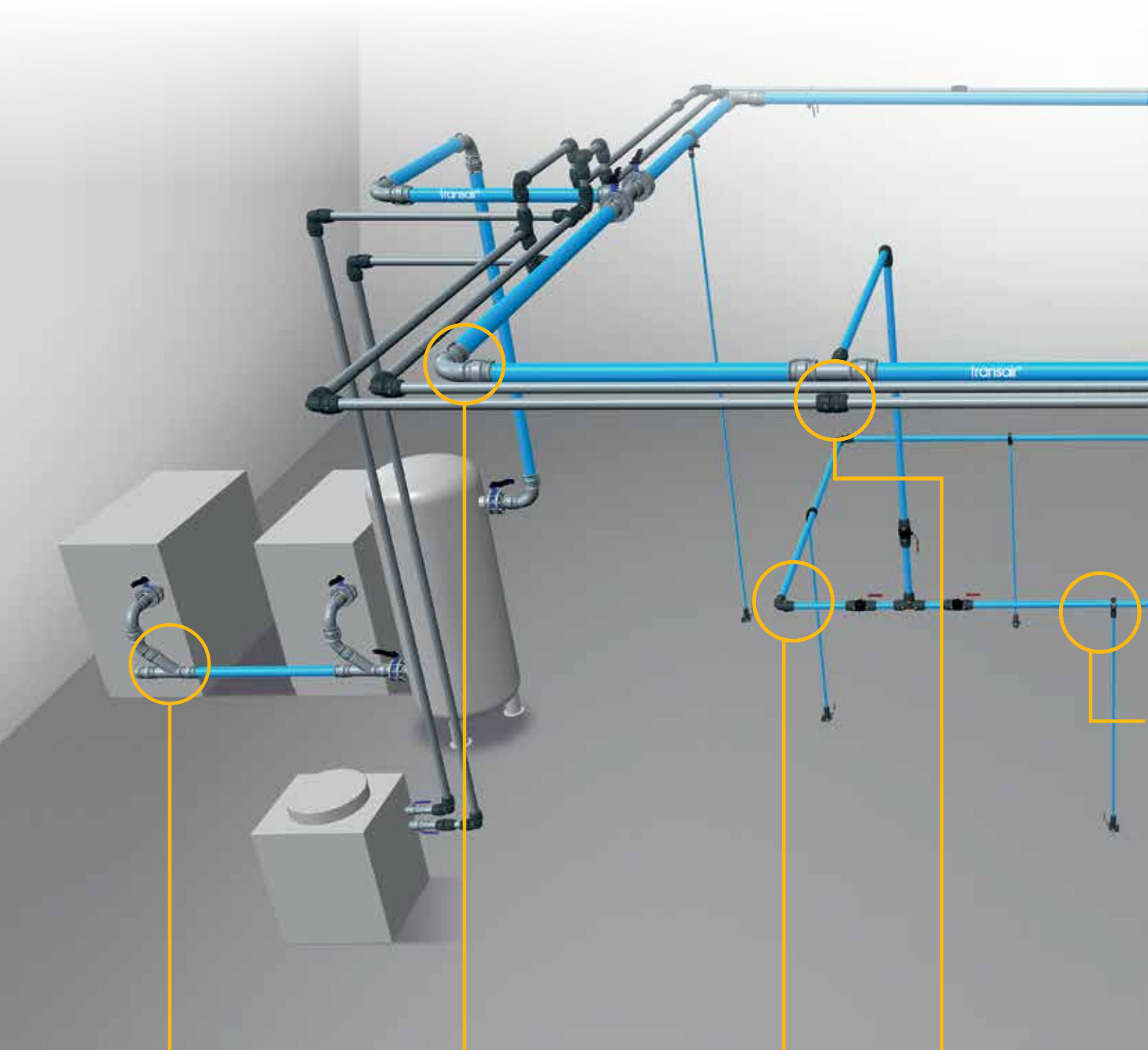
**Advanced Pipe Systems for Industrial Fluids**

Compressed Air - Vacuum - Inert Gas - Industrial Water and Oil



ENGINEERING YOUR SUCCESS.

# TRANSAIR<sup>®</sup>, FROM THE TECHNICAL ROOM



**Technical Room**



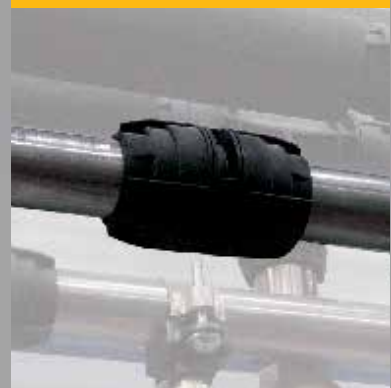
**Main Ring**



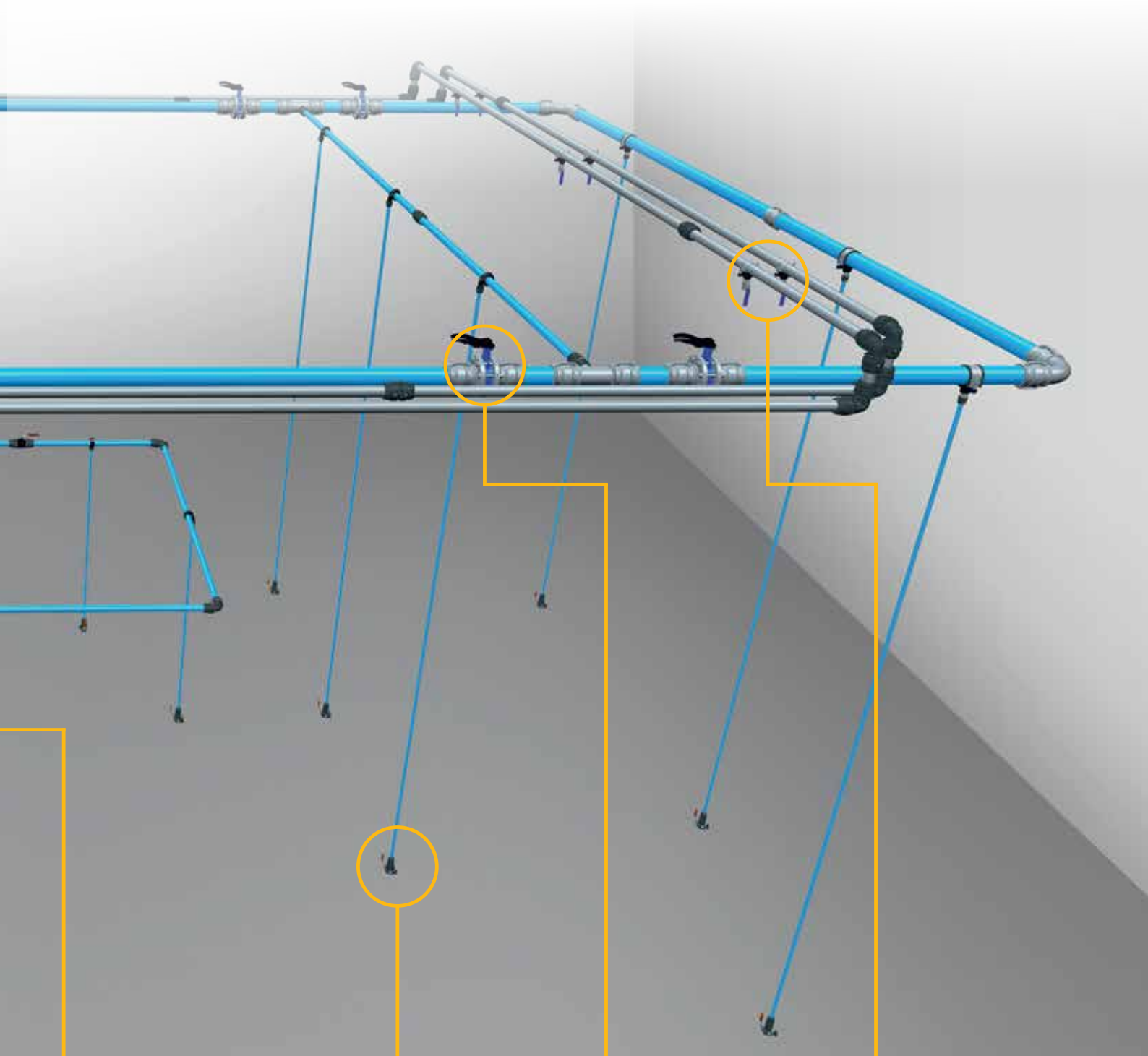
**Secondary Ring**



**Industrial Water**



# TO THE HEART OF PRODUCTION



**Drop**



**Point of Use**



**Isolation Valve**



**Take Off**



# 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% (10 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.

### 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
- **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.

# Transair®

## THE Solution for your Multi-Fluid Networks



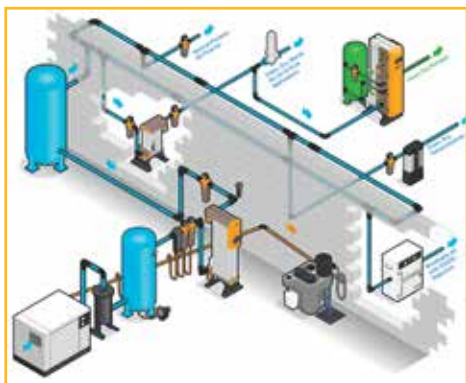
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# Transair®

## A Business Unit of Parker Hannifin Corporation

Parker Hannifin is the world leader in motion and control technologies, working as a partner with its customers to increase their productivity and profitability. Within Parker, Transair® is the business unit specialising in projects for industrial fluids networks.





## TRANSAIR® HISTORY

**1996**

Creation of the Transair® pipework system 16.5, 25 and 40mm

**2005**

New technology for the diameters 76 & 100mm

**2010**

New diameter 168mm

**2015**

New diameter 50mm with SnapRing technology

**2000**

New technology for the diameter 63mm

**2006**

Range for cooling systems

**2012**

Multifluids range

**2016**

Stainless steel drops Ø22mm



# Transair®

## The Original Modular Pipework System for Industrial Buildings

Transair®, the original modular pipework system utilising aluminium pipe and quick connectors, was launched in 1996. Since then, with more than 20 years experience, continual improvements have been made to meet the needs of compressed air, inert gas, vacuum networks and other industrial fluids. Specialising in air network projects, Transair® fits perfectly into the Parker Group's development policy and demonstrates its capacity for innovation. Transair® is perfectly adapted to the constraints and needs of all industries and is recognised for its performance, from the compressor room to the point of use, in most industrial sectors.





# Transair®

## The Best System for Industrial Fluids

### A Technology with Multiple Assets

Transair® is the ideal solution for all compressed air, inert gas, vacuum and industrial fluid networks, by combining adaptability, quick installation, high performance and durability, while improving the profitability and reducing the related maintenance and operating costs of your networks.

### Quick

- No need to weld, glue or crimp.
- Lightweight for easy handling.
- Ready-to-use.

### Cost Effective

- Optimised installation, labour and operation costs.
- Sustainability of equipment and filtration devices.

### Longevity

- Corrosion-free construction.
- Quality of the internal surface for a sustained cleanliness of the fluid.
- 10 year guarantee

### High Performance

- Low roughness coefficient of stainless steel and aluminium pipe and full bore design.
- Optimisation of flow and pressure losses with innovative technology.

### Adaptable

- Various drop solutions thanks to brackets: with swan neck or direct, with push-in technology or threaded.
- Technologies offering the best compromise between safety, efficiency and adaptability.



## Transair® is Suitable for Most Business Sectors

Recognised for its performance, Transair® is installed, from the technical room to the points of use, in most industrial sectors, such as:



## For All Types of Projects

### Transair® is the best choice for a new installation or extension

As a specialist in industrial fluid networks, Transair® offers an innovative solution that meets the users demands, whether for the energy source, the main ring or to feed the points of use:

- High flow performance for all diameters resulting in **higher efficiency**.
- **Air quality** (ISO 8573-1 class 1.1.1) from the production to the point of use.
- **Secured connection** regardless of the environment (compressor room, outdoor...).
- Lightweight and compact products to improve **working conditions** and provide **easy installation**.
- Quick and easy installation for easier maintenance and **reduced downtime**.
- Dismountable system and reusable products for **low depreciation** on capital.



### Transair® is the best choice to retrofit old networks

Transair® is the economical, reliable and efficient alternative to traditional steel networks. Change old steel pipe network for Transair® to optimise your operation costs and to benefit from high impacts on your productivity:

- Lower roughness and larger inner diameter: **maximum flow 20% higher** than with steel pipe, **energy savings** in compressor.
- Corrosion free: **reducing the costs** of changing filter elements.
- Constant air quality for **reduction of maintenance costs** for machines and equipment.



# Transair®

## The Largest Offer of Tools and Services

The Transair® offer combines a wide range of tools and services to support every step of a project for industrial fluid networks: design, estimation, delivery, installation.

### DESIGN



#### Sizing tools to select the right diameter:

- **Transair® Flow Calculator** for compressed air and inert gas networks.
- **Transair® Vacuum Calculator** for vacuum networks.

#### Transair® CAD Drawings

Transair® core products available in more than 60 CAD formats, 2D or 3D, neutral or native.

### Special Products

For specific needs, we can develop tailor-made products. All these products are tested according to the same quality procedures as the standard products.



### ESTIMATION



#### Calculation Tools for a Budget

**3 tools available online** to calculate the budget of a Transair® network according to the project status:

- **Pre-quote tool** to estimate the necessary budget in a few seconds.
- **Quote tool** to determine the most accurate bill of material and associated budget.
- **Transair® Energy Efficiency Calculator** evaluates the return on investment of a Transair® solution compared to a traditional steel network, for compressed air network projects - new or replacement.



#### Transair® Quotation Service

A dedicated team to support complex Transair® projects, including technical studies, estimations of installation times, detailed bill of material and related weight/volume.

Available by e-mail at [transair.quotation@parker.com](mailto:transair.quotation@parker.com)

## DELIVERY

### GeoLoc: The Geolocation Service proposed by Transair®

- **Transair® real-time delivery tracking service** from the shipping site to the work site.
- **Built-in GSM beacon** for on-site direct deliveries.
- **Localisation of deliveries** throughout the shipment, with sending of programmable alerts.
- **Optimised organisation** of work sites.



### Logistics Expertise

Logistical conditions adapted to the customers' expectations:

- **Tailor-made packaging** to facilitate material handling and storage.
- **Delivery** at required date for optimisation of handling resources.
- **Shipment scheduling** to streamline the organisation of building sites.



## INSTALLATION

An installation kit is available for each project take off, including:

- **A pocket guide** to answer most questions about installation rules, together with the associated poster
- **A poster** of the main dimensions of the Transair® products to calculate the length of pipes required
- **Recommendations for the commissioning** of a compressed air network
- **A poster featuring the core products** to facilitate restocking

**If necessary, our teams and partners are available to accompany you at any time on a construction site.**



# Transair® The Quality Benchmark

## PRODUCTS

### Product Quality

All Transair® products are tested and controlled at every stage of the production process to ensure maximum efficiency for the user. Our products have to succeed a series of drastic tests: static and dynamic leak tests, burst pressure, cycled pressure and accelerated ageing tests.



## STANDARD AND REGULATION UNIVERSE

### Quality System

#### I ISO Certification

Parker Hannifin is certified ISO 9001 version 2008 and ISO TS 16949 version 2009. ISO TS, based on Automotive Industry standards, is one of the most demanding.



### Requirements Related to Pressure Equipment

#### I ASME B31.1 / B31.3 and TSSA

The Transair® products meet the requirements of ASME B31.1 and of ASME B31.3.

The Transair® products are approved by the Technical Standards & Safety Authority (TSSA) and registered under the Canadian Registration Number (CRN).



#### I CE

The Transair® products conform the European Pressure Equipment Directive 2014/68/EU. The aims of Directive 2014/68/EU are to maintain a sufficient level of safety in the tanks, generators and piping.



#### I TÜV Certification

TÜV Rheinland certifies that Transair® products fulfill regulatory requirements for pipes under pressure according to the German AD-2000 Merkblatt technical rules and to the European Pressure Equipment Directive 2014/68/EU (DESP).



### Environment

#### I ISO 14001

Parker Hannifin is certified ISO 14001 for its Environmental Management System, which requires to reduce the impact on the environment when manufacturing a product and launching it on the market.

#### I REACH - RoHS

All Transair® products are in compliance with the REACH and RoHS directives which limit the use of hazardous substances.

#### I Eco Design

When launching a new product, an Eco-design best practice and a life-cycle analysis are carried out to reduce the long term impact on the environment.

## Product Traceability

Transair® tracks each production batch at any stage of its manufacturing process. All products are marked individually for an optimum follow-up (batch number and barcode on packaging). The origin of the products and the material certificates are available upon request.



## Quality of the Fluids

### I ISO 8573 Certification

This international standard establishes the different quality classes in compressed air. Transair® has been successfully tested to reach the highest expectation of this standard. Transair® products will not contaminate the conveyed fluid with solid particles, water, moisture or oil.

### I Oil Free Certificate

Transair® products will not contaminate the conveyed fluid with grease or oil particles.

### I Silicone Free Certificate

Transair® products are guaranteed silicone-free, which is mandatory for premium air purity. No need to add complementary filters which increase pressure drop.

### I Labs Free Compliance

Transair® products can meet with the demanding cleanliness requirements defined by the user, especially for paint and clean rooms applications.



## Safety

### I Euroclasses EN 13501-1 & UL94 Certificate

All Transair® core products are non-flammable with no propagation of flame.

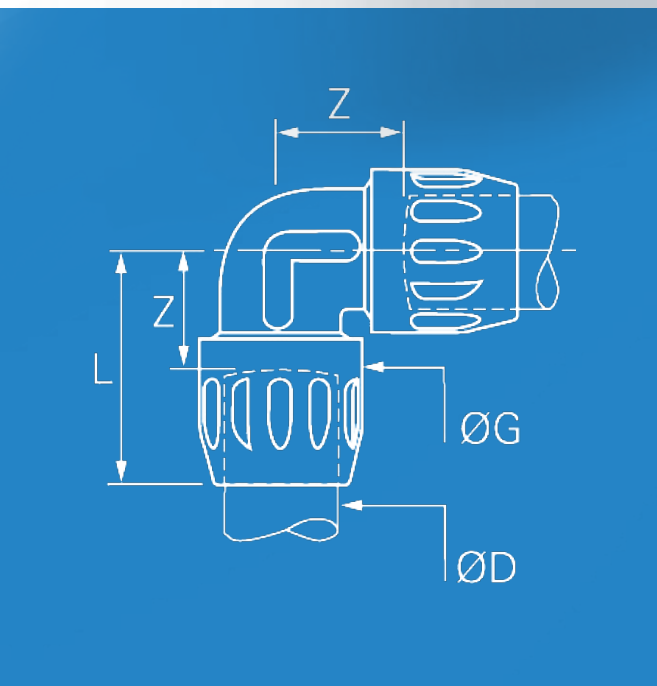
### I ATEX Directive: 2014/34/EU

This directive is mandatory for electrical and non-electrical equipment used in explosive, gaseous or dusty atmospheres. The use of Transair® products is possible according to the ATEX zoning defined by the user.

## Long Term Commitment

### I 10 Year Guarantee

Transair® products that are guaranteed for a period of 10 years against any defect from the date of the installation.





# TRANSAIR® ALUMINIUM RANGE

FOR COMPRESSED AIR,  
VACUUM AND INERT GAS



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# TECHNICAL SPECIFICATIONS

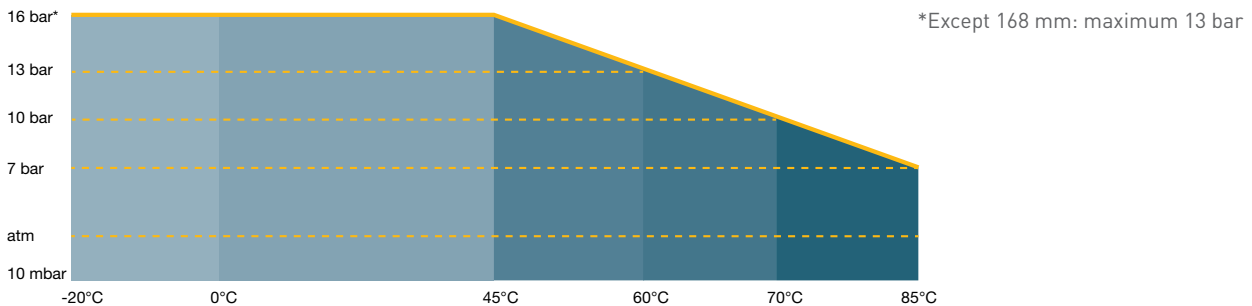
## Transair® Main Features

### I Applications

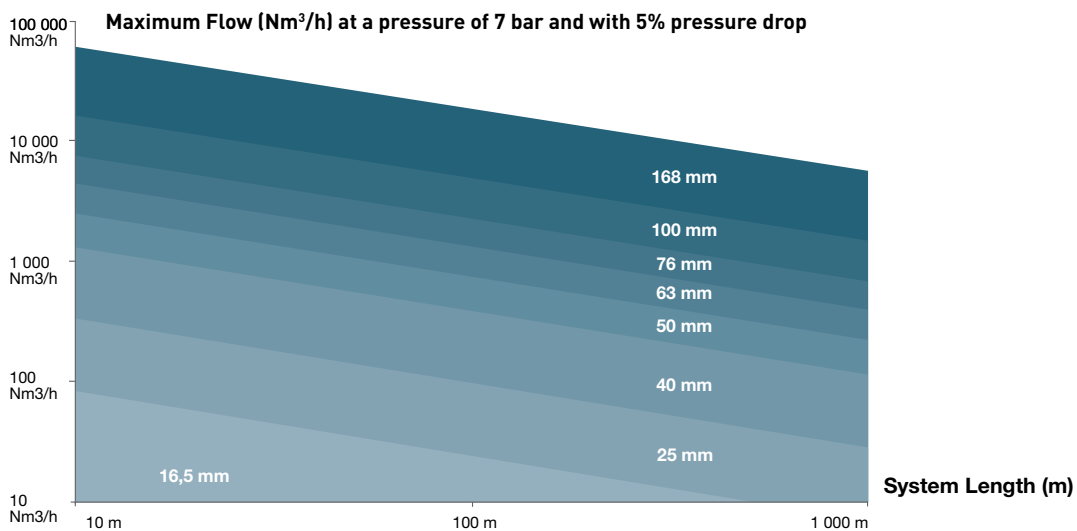
Transair® is adapted for compressed air applications (dry, lubricated or with water condensation), for inert gas applications like nitrogen, argon or CO<sub>2</sub> (for purity up to 99.99%) and for vacuum applications (performance and compatibility described page 19 of this catalogue).

### I Working Pressure and Temperature

The maximum working pressure of Transair® system, versus operating temperature, is according to the diagram below.



### I Maximum Flow





# Sizing

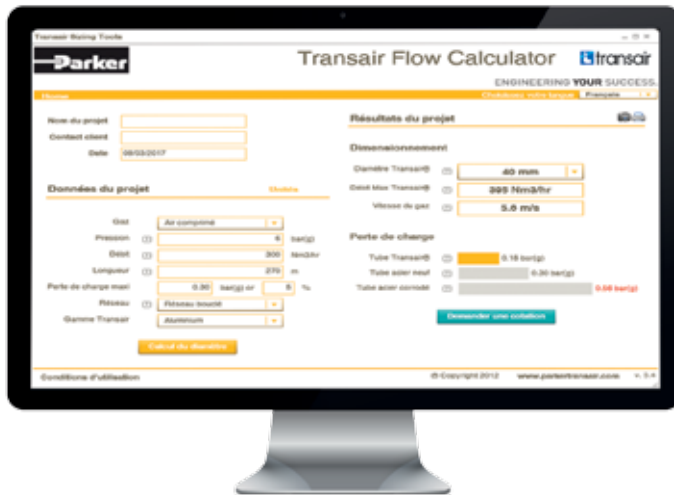
## Sizing a Network

Select the Transair® diameter for your application based on required flow and length. Estimated values for a closed loop network, a pressure of 8 bar with 5% pressure drop. Velocity is not taken into account.

Flow			Length										Compressor (kw)
			164ft	328ft	492ft	984ft	1640ft	2460ft	3280ft	4265ft	5249ft	6561ft	
Nm³/h	NI/min	cfm	50m	100m	150m	300m	500m	750m	1000m	1300m	1600m	2000m	
10	167	6	16.5	16.5	16.5	16.5	25	25	25	25	25	25	1
30	500	18	16.5	25	25	25	25	40	40	40	40	40	3
50	833	29	25	25	25	40	40	40	40	40	40	40	5.5
70	1167	41	25	25	25	40	40	40	40	40	40	40	7.5
100	1667	59	25	40	40	40	40	40	40	50	50	50	11
150	2500	88	40	40	40	40	40	50	50	50	50	63	15
250	4167	147	40	40	40	50	50	63	63	63	63	76	25
350	5833	206	40	40	50	50	63	63	63	76	76	76	30
500	8333	294	40	50	50	63	63	76	76	76	100	100	45
750	12500	441	50	63	63	76	76	100	100	100	100	100	75
1000	16667	589	50	63	76	76	100	100	100	100	100	168	90
1250	20833	736	63	76	76	100	100	100	100	168	168	168	110
1500	25000	883	63	76	76	100	100	100	168	168	168	168	132
1750	29167	1030	76	76	100	100	100	168	168	168	168	168	160
2000	33333	1177	76	76	100	100	168	168	168	168	168	168	200
2500	41667	1471	76	100	100	100	168	168	168	168	168	168	250
3000	50000	1766	100	100	100	168	168	168	168	168	168	168	315
3500	58333	2060	100	100	100	168	168	168	168	168	168	168	355
4000	66667	2354	100	100	168	168	168	168	168	168	168	168	400
4500	75000	2649	100	100	168	168	168	168	168	168	168	168	450
5000	83333	2943	100	168	168	168	168	168	168	168	168	168	500
5500	91667	3237	100	168	168	168	168	168	168	168	168	168	550
6000	100000	3531	100	168	168	168	168	168	168	168	168	168	600
6500	108333	3826	168	168	168	168	168	168	168	168	168	168	650
7000	116667	4120	168	168	168	168	168	168	168	168	168	168	700

# TRANSAIR® SIZING TOOLS

## Transair® Flow Calculator (TFC) and Transair® Vacuum Calculator (TVC)



TFC and TVC sizing tools are simple, quick and easy to use.

When entering:

- the flow of the compressor or pump
- the length of the main ring (closed loop yes/no)
- the working pressure

**Your network is immediately sized with the most suitable Transair® diameter for your project.**

The calculation includes an estimation of pressure losses and, in the case of a compressed air or inert gas network, a recommendation of maximum flow.



**These tools are available at [www.parkertransair.com](http://www.parkertransair.com):**

[www.parkertransair.com/TFC](http://www.parkertransair.com/TFC)

[www.parkertransair.com/TVC](http://www.parkertransair.com/TVC)

or upon request to [transair@parker.com](mailto:transair@parker.com)

### Very easy to use:

These tools allow to obtain in just 3 steps the most appropriate Transair® pipe diameter for your network.

Both TFC and TVC include all diameters of Transair® aluminium range: 16.5 - 25 - 40 - 50 - 63 - 76 - 100 and 168mm.

- Possibility to size the diameters for compressed air, inert gases, nitrogen, dry CO<sub>2</sub> and vacuum networks.
- Intuitive tool with help tips at each step
- For compressed air and inert gases, comparison of results with a traditional steel network
- Possibility to print the outcome report

# TRANSAIR® PAYBACK TOOL

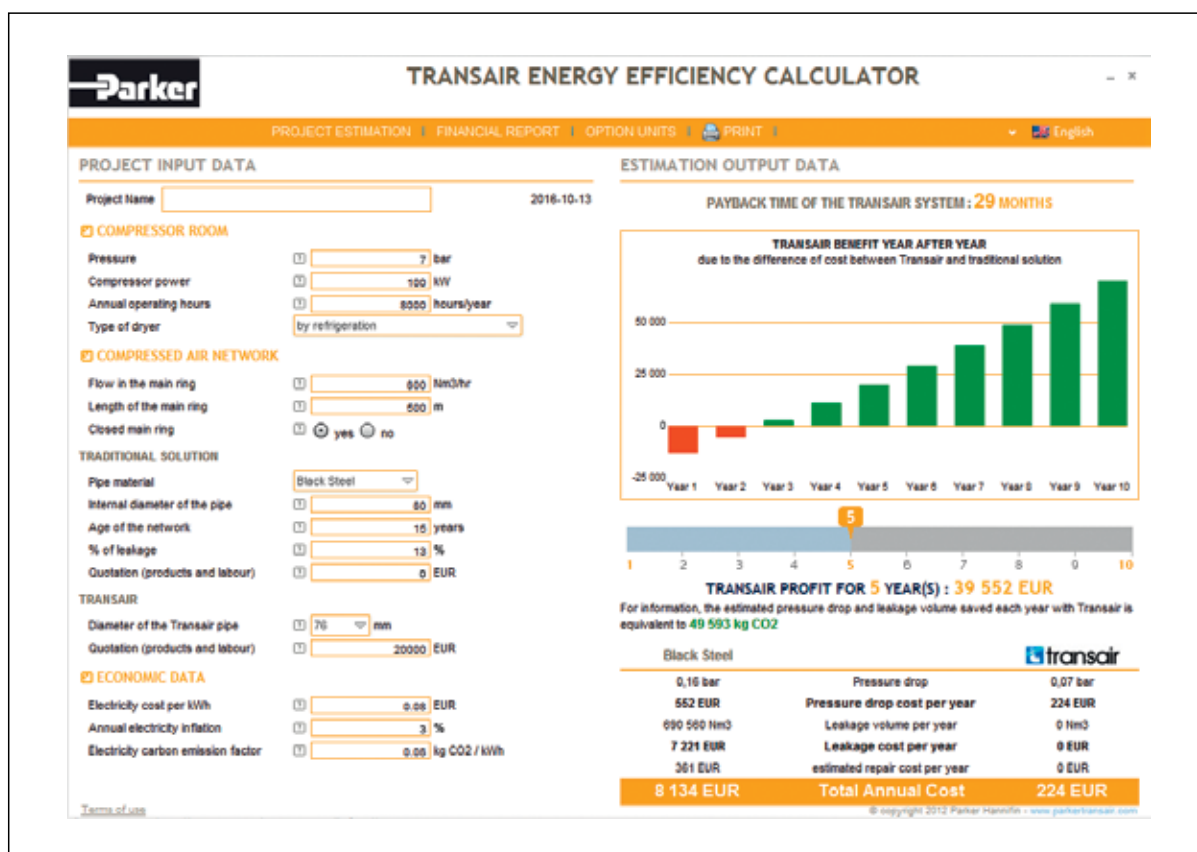
## Transair® Energy Efficiency Calculator (TEEC)

### Energy Efficiency with Transair®

The Transair® Energy Efficiency Calculator software determines the savings and the ROI (Return On Investment) timeframe using compressor data (pressure, power, annual service hours, type of dryer), plus data from the network (length of the main ring, type of open or closed loop, pipe material used) and the local cost of electricity, including an inflation factor.

The results demonstrate that Transair® is the most efficient solution and the best option in the long term.

Whether you are extending or renovating an existing system or installing a new one, you can contribute to your company's performance and help to protect the environment by choosing Transair®.



This tool is available at [www.parkertransair.com](http://www.parkertransair.com):

[www.parkertransair.com/TEEC](http://www.parkertransair.com/TEEC)

or upon request to [transair@parker.com](mailto:transair@parker.com)

# TRANSAIR® STANDARDS AND CERTIFICATIONS

Transair® aluminium range certifications fall within the standards and regulations universe described on pages 8 and 9 of this catalogue.

## Standards Related to Transair® Aluminium Pipe



### I Qualicoat Label

Transair® aluminium piping system complies with the QUALICOAT label, which guarantees the quality of the painting process, the chemicals used, the finished quality and the coating resistance of the aluminium pipe.



### I Material Certificate

Transair® aluminium piping system complies with EN 755.2, EN 755.8, EN 573.3 standards, which define mechanical and chemical properties of pipes. The quality and consistency of the aluminium alloy used allow to bend Transair® aluminium pipe as described on page 110 of this catalogue.

## Applications

### I Air Quality - ISO 8573 Certification: 2001 & 2010 Classes 1.1.1



Transair® aluminium range conforms to ISO 8573: 2001 & 2010 Classes 1.1.1 certification. ISO 8573 certification establishes the different quality classes of compressed air for the 3 main components present in any compressed air system: dust, water and grease. Transair® aluminium range has been successfully tested to reach the highest expectation of this standard. A Transair® distribution network guarantees a constant quality of the conveyed fluids, from the production point to the point of use.

ISO 8573-1:2010 Class	Solid Particulate			Mass Concentration mg/ m <sup>3</sup>	Water		Oil
	Maximum number of particles per m <sup>3</sup>				Vapour Pressure Dewpoint	Liquid g/m <sup>3</sup>	
	0.1 – 0.5 µm	0.5 – 1 µm	1 – 5 µm				Total Oil (aerosol liquid and vapour) mg/ m <sup>3</sup>
0	As specified by the equipment user or supplier and more stringent than Class 1						
1	OK*	OK*	OK*	-	OK**	-	OK
2	OK	OK	OK	-	OK	-	OK
3	-	OK	OK	-	OK	-	OK
4	-	-	OK	-	OK	-	OK
5	-	-	OK	-	OK	-	-
6	-	-	-	OK	OK	-	-
7	-	-	-	OK	-	OK	-
8	-	-	-	-	-	OK	-
9	-	-	-	-	-	OK	-
X	-	-	-	OK	-	OK	OK

\* : Transair® in line with standard after 1 purge

\*\* : Transair® in line with standard depending on the atmospheric conditions



**I Vacuum**

Transair® aluminium range can be used for vacuum applications down to 10 mbar absolute pressure.

**I Compatibility with Non Flammable Gases**

Transair® aluminium range is suitable for distribution of non flammable gases such as: Argon, Nitrogen, Carbon Dioxide and mix of these gases. Based on laboratory purity testing, Transair® (fitting and aluminium piping) is compatible with 99.99% purity Nitrogen applications.



Gas	Compatibility with Transair®
Nitrogen (N <sub>2</sub> )	Compatible
Argon	Compatible
Carbon Dioxide (CO <sub>2</sub> )	Compatible
Helium (He <sub>2</sub> )	Compatible
Mix Argon (Ar <sub>2</sub> ) + Carbon Dioxide (CO <sub>2</sub> )	All ratios
Oxygen (O <sub>2</sub> )	Up to 22%
Hydrogen (H <sub>2</sub> )	Up to 4%

Transair® aluminium range is compatible with transportation of above gas, according to all recommendations of uses of Transair® piping system, provided the conveyed fluid is dry (no condensation in the Transair® piping system).

**Safety**

**I Euroclasses EN 13501-1 Certification**

Transair® aluminium range is classified B s2 d0 according to EN 13501-1. EN 13501-1 certification describes the different classes of reaction to fire for the 3 main criteria as follows: energy contribution to the propagation of fire, smoke production and flaming particles.



Energy Contribution to the Propagation of a Fire			Smoke Production		Falling Drops	
B	Contribution limited to fire propagation	Resistant to prolonged attack flames and ardent isolated object while limiting the spread of flame.	s2	Average smoke production	d0	no drops, no flaming particles

**I Transair® Blowgun**

Transair® blowgun EA59 00 13 complies with regulations OSHA 1910.242 (b) for hand and portable powered tools, OSHA 1910.95 (b), Directive 2003/10/EC.



The above mentioned certificates are available upon request.

# TRANSAIR® FOR INDUSTRIAL VACUUM

## Transair® system is particularly suited for vacuum applications:

- Diameters up to 168mm to meet all requirements
- Full flow connection for a better aspiration
- Big diameters for a maximum flow on the machine connections
- Optimum sealing to guarantee the proper functioning of the machines
- Different colours of pipe for easy network identification
- Sizing tool to ease the project study (TVC)

### Certificates:

- Vacuum Performance, 10 mbar in absolute pressure
- Air Quality ISO 8573: 2001 & 2010 Class 1.1.1

### OPTIMISED PRODUCTS FOR INDUSTRIAL VACUUM APPLICATIONS:



# TRANSAIR® FOR INERT GASES

## Transair® advantages for inert gases applications:

- Transair® materials allow to maintain the quality of the conveyed gases.
- Optimum sealing of Transair® connectors allow to maintain gases purity.
- 3 port threaded wall bracket to be used with column flowmeters
- Different colours of pipe for easy network identification
- Sizing tool for inert gases (TFC)

### Certificates:

- Suited for applications with: nitrogen, argon, CO<sub>2</sub> and their mix (exhaustive list upon request)
- 99,99 % purity with nitrogen (100 ppm oxygen)
- Air Quality ISO 8573: 2001 & 2010 Class 1.1.1

### OPTIMISED PRODUCTS FOR INERT GASES APPLICATIONS:



# TRANSAIR® FOR TECHNICAL ROOMS

**transair®**

**Equal Cross RA07**

**End Cap with Plug RA25**

**Equal and Reducer Y RA26**

**1 Flanged Tee RA44**

**3 Flanged Cross RA07**

**Circular Flange RA30/RA31**

**Increaser Tee RA04**



# MATERIAL ALUMINIUM RANGE

Range References	Ø16.5 - Ø25 - Ø40	Ø50 - Ø63
1003A	Lacquered aluminium	Lacquered aluminium
1006A - 1004A	Lacquered aluminium	Lacquered aluminium
CLIP - SPACER	HR Polymer	HR Polymer
1001E	Hose and coating: black SBR Reinforcement: spiral steel wire	Hose and coating: black SBR Reinforcement: synthetic braiding
6606	HR Polymer	Treated aluminium SnapRing: HR Polymer
6676	HR Polymer	Treated aluminium
6602	HR Polymer	Treated aluminium SnapRing: HR Polymer
6612	HR Polymer	Treated aluminium SnapRing: HR Polymer
6604	HR Polymer	Treated aluminium SnapRing: HR Polymer
6666	Body: treated aluminium Nut: HR Polymer	Treated aluminium
6625	Ø16.5 mm: body: brass Nut: HR Polymer Ø25 and Ø40 mm: HR Polymer	Treated aluminium
6605	Body: treated brass Nut: HR Polymer	Treated aluminium SnapRing: HR Polymer
6615	Body: brass Plate: treated steel Nut: HR Polymer	Body: brass Plate: treated steel Nut: aluminium
6611	Brass	Brass
6609	Body: HR Polymer Male stud: brass	Body: aluminium Nut: aluminium Male stud: brass
6619	Body: HR Polymer Male stud: brass	Body: aluminium Nut: aluminium Male stud: brass
6621	Brass	
6651	Body: treated brass Nut: HR Polymer	
4092	Body: brass Nut: HR Polymer	Treated aluminium SnapRing: HR Polymer
RA69	HR Polymer	HR Polymer
RA65	Body: HR Polymer Insert: brass	Body: HR Polymer Insert: brass
6662	HR Polymer	HR Polymer
6661	Body: HR Polymer Insert: brass	Body: HR Polymer Insert: brass
VR03	Body: nickel-plated brass Seal: PTFE	
VR04	Body: nickel-plated brass Seal: PTFE	
EA98	Body: treated iron Ball valve: nickel-plated brass/ PTFE	
6639 - 6681 6682 - 6695	Body: brass Nut: HR Polymer	
6641 - 6686 6690 - 6635	Treated brass	
6678 - 6693 6637	Body: brass Nut: HR Polymer	

Range References	Ø76 - Ø100 - Ø168
TA03	Lacquered aluminium
TA06	Lacquered aluminium
Collar	Zinc steel Rubber EPDM
FP01	Hose & connector: black SBR/NBR Reinforcement: spiral steel wire
RR01	Clamp: treated steel Cartridge: HR Polymer
RR01 L8	Clamp: aluminium Cartridge: zamak + HR Polymer
RX02	Stainless Steel 304
RA02	Aluminium
RX12	Stainless Steel 304
RA12	Aluminium
RX04	Stainless Steel 304
RA04*	Aluminium
RX24	Stainless Steel 304
RX23	Stainless Steel 304
RA26**	Aluminium
RA07**	Aluminium
RA44	Aluminium
RX64	Stainless Steel 304
RX66	Stainless Steel 304
RA66	Aluminium
RA25	Aluminium
RA30*	Aluminium
RA33	Aluminium
EW05	Seal: elastomer
RR05	Treated brass
VR01	Body: iron Ball: nickel-plated brass
VR02	Handle: HR Polymer Body: iron Disk and shaft: stainless steel
RR61	Body: iron (EN 1563) - Seal:NBR Screw: treated stainless steel Lining: elastomer
RR63	Body: iron (EN 1563) - Seal:NBR Screw: treated stainless steel Lining: elastomer

\* + Ø63mm

\*\* + Ø40, Ø50 and Ø63mm

## ALL SEALS ARE IN NBR (unless otherwise stated)

- **Adaptator:** brass
- **Fixture accessories:** galvanized steel - brass
- **Composite coupler:**
  - Body: polymer HR / Zamak
  - Sleeve: polymer HR
  - Spring and ball: stainless steel
  - Seal: nitrile
- **Metal coupler:**
  - Body: duralumin anodisé
  - Sleeve: treated nickel-plated steel

- Spring: stainless steel
- Seal: nitrile
- Probe: treated brass, treated steel

### • Hose reel :

- Case: plastic
- Fixing: metal

### • Blowgun:

Reinforced polyamid - treated aluminium - insert: brass

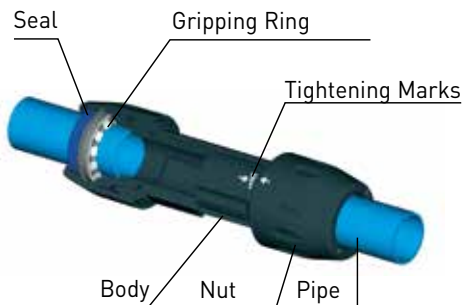
### • Connection accessories: nickel-plated brass

### • Anti-whip lash strap: steel



# TRANSAIR® CONNECTION TECHNOLOGIES

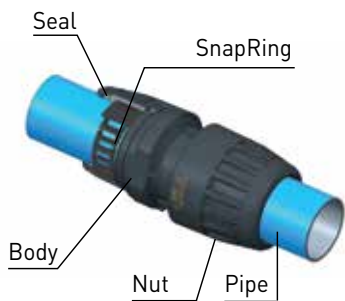
Transair® innovative technology takes into account the specific requirements of each diameter and provides the user with an optimum safety coefficient and easy connection.



Ø16.5 - Ø25 - Ø40 mm

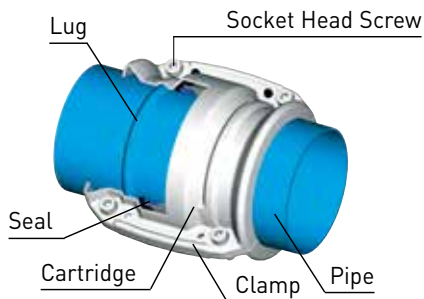
Simply push the pipe into the connector up to the connection mark.

The gripping ring of each fitting is then automatically secured and the connection is safe.



Ø50 - Ø63 mm

Transair®'s SnapRing secures the connection between the nut and the pipe - tightening of the nuts secures the final assembly



Ø76 - Ø100 - Ø168 mm

Position the pipes to be connected within the Transair® cartridge and close/tighten the Transair® clamp.

## Reliable and Safe Connection Technologies

Because users need versatile but reliable and safe solutions, Transair® has developed different technologies for the best compromise between safety, efficiency and adaptability.

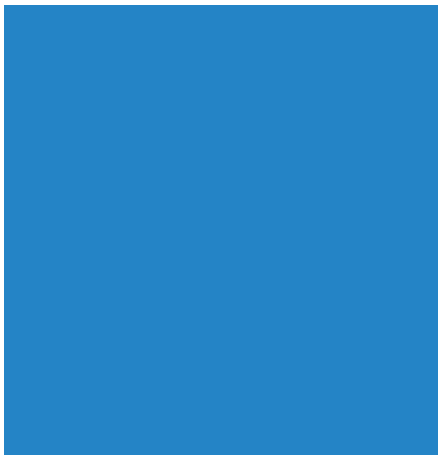
- **Gripping ring instant connection** for diameters 16.5, 25 and 40mm offers the maximum flexibility.
- **SnapRing quick-fit connection** for diameters 50 and 63mm proposes the most secure technology while maintaining ease of handling: no possible errors during installation.
- **Lug & Clamp quick-fit connection** for diameters 76, 100 and 168mm avoids any disconnection: the internal cartridge works as a fuse if a failure in the network causes an excessive pressure increase.

	Mechanical Stress due to Pressure	Frequency of Modifications	Transair® Technology
Ø 16.5, 25 & 40 mm	+ (up to 250 kg)	+++++ (every quarter)	Gripping Ring Instant Connection
Ø 50 & 63 mm	++ (up to 600 kg)	+++ (every year)	SnapRing Quick-fit Connection
Ø 76, 100 & 168 mm	+++++ (up to 3000 kg)	+ (every 3 years)	Lug & Clamp Quick-fit Connection



# TRANSAIR® ALUMINIUM RANGE

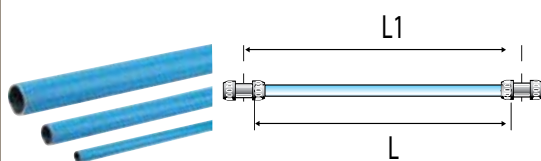
## PRODUCT RANGE



<b>Rigid Aluminium Pipe</b>		<b>26</b>
<b>Fixing Clips for Rigid Pipe</b>		<b>28</b>
<b>Flexible Hoses</b>		<b>29</b>
<b>Pipe-to-Pipe &amp; Stud Connectors</b>		<b>30</b>
<b>Ball Valves and Butterfly Valves</b>		<b>38</b>
<b>Quick Assembly Brackets</b>		<b>40</b>
<b>Wall Brackets</b>		<b>44</b>
<b>Tools</b>		<b>48</b>
<b>Fixtures and Accessories</b>		<b>51</b>
<b>FRL, Automatic Drain and Accessories</b>		<b>53</b>
<b>Hose Reels - Blowgun - Recoil Tubing</b>		<b>56</b>
<b>Hoses and Tailpiece Adaptors</b>		<b>57</b>
<b>Automatic Couplers</b>		<b>58</b>
<b>Connection Accessories</b>		<b>62</b>

# RIGID ALUMINIUM PIPE

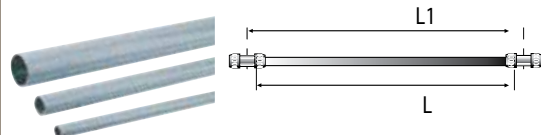
- I Clean air ISO 8573: 2001 & 2010 Class 1.1.1.
- I Optimum flow rate performance
- I Lightweight
- I QUALICOAT certified surface finish
- I 3 colours: blue (RAL 5012/BS1710), grey (RAL 7001), green (RAL 6029) (others: please consult us)
- I Extruded pipe, conforms to EN 755.2, EN 755.8 and EN 573.3



## BLUE PIPE

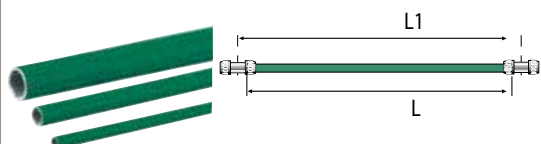
Transair®	ø ext.	ø int.	L1 (m)	L (m)	Kg
1003A17 04 00	16.5	13	3	2.930	0.660
1004A17 04	16.5	13	4.5	4.430	0.990
1003A25 04 00	25	22	3	2.903	1.040
1006A25 04 00	25	22	6	5.903	1.933
1003A40 04 00	40	37	3	2.885	1.480
1006A40 04 00	40	37	6	5.885	2.860

ø  
16.5  
25  
40



## GREY PIPE

Transair®	ø ext.	ø int.	L1 (m)	L (m)	Kg
1003A17 06 00	16.5	13	3	2.930	0.660
1003A25 06 00	25	22	3	2.903	1.040
1006A25 06 00	25	22	6	5.903	1.933
1003A40 06 00	40	37	3	2.885	1.480
1006A40 06 00	40	37	6	5.885	2.860



## GREEN PIPE

Transair®	ø ext.	ø int.	L1 (m)	L (m)	Kg
1004A17 02	16.5	13	4.5	4.430	0.990
1006A25 02 00	25	22	6	5.903	1.933
1006A40 02 00	40	37	6	5.885	2.860



### Sticker for compressed air networks

EW07 00 01

### Sticker for vacuum networks

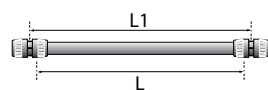
0000 01 68

∅  
50  
63



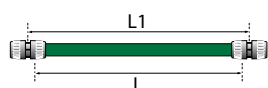
**BLUE PIPE**

Transair®	∅ ext.	∅ int.	L1 (m)	L (m)	Kg
1003A50 04	50.8	48	3	2.950	2.142
1006A50 04	50.8	48	6	5.950	4.320
1003A63 04	63	59	3	2.950	3.140
1006A63 04	63	59	6	5.950	6.175



**GREY PIPE**

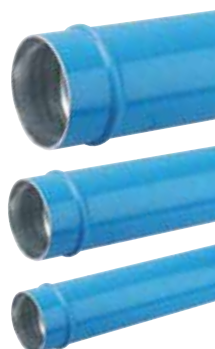
Transair®	∅ ext.	∅ int.	L1 (m)	L (m)	Kg
1003A50 06	50.8	48	3	2.950	2.142
1006A50 06	50.8	48	6	5.950	4.320
1003A63 06	63	59	3	2.950	3.140
1006A63 06	63	59	6	5.950	6.175



**GREEN PIPE**

Transair®	∅ ext.	∅ int.	L1 (m)	L (m)	Kg
1006A50 02	50.8	48	6	5.950	4.320
1006A63 02	63	59	6	5.950	6.175

∅  
76  
100  
168



**BLUE PIPE**

Transair®	∅ ext.	∅ int.	L (m)	Kg
TA03 L1 04	76.3	72.3	3.000	3.720
TA06 L1 04	76.3	72.3	6.000	7.620
TA03 L3 04	101.8	97.2	3.000	5.840
TA06 L3 04	101.8	97.2	6.000	11.600
TA03 L8 04	168.3	161.3	3.000	14.718
TA06 L8 04	168.3	161.3	6.000	29.412



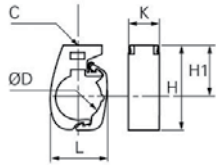
**GREY PIPE**

Transair®	∅ ext.	∅ int.	L (m)	Kg
TA06 L1 06	76.3	72.3	6.000	7.620
TA06 L3 06	101.8	97.2	6.000	11.600
TA06 L8 06	168.3	161.3	6.000	29.412

# FIXING CLIPS FOR RIGID ALUMINIUM PIPE

- I Easy adaptation for all pipework configurations
- I For suspension of pipes, from walls, partitions, beams, cable trays, Canalis electrical installations, etc, vertically or horizontally
- I Perfectly adapted for use with Transair® networks

Ø  
16.5  
25  
40

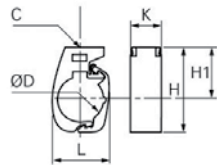


## FIXING CLIP FOR RIGID ALUMINIUM PIPE

Transair®	ØD	C	H1	H	K	L	Kg
6697 17 00	16.5	M8 x 1.25	46	61	30	33	0.027
6697 25 00	25	M8 x 1.25	46	67	30	38	0.030
6697 40 00	40	M8 x 1.25	46	74	30	50	0.035

To ensure good stability of the network, we recommend the use of at least 2 clips per pipe.  
Use only this clip for fixing Transair® rigid pipe, all other types of clip are to be avoided.

Ø  
50  
63

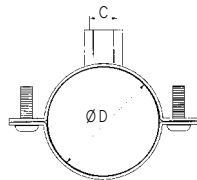


## FIXING CLIP FOR RIGID ALUMINIUM PIPE

Transair®	ØD	C	H1	H	K	L	Kg
6697 50 00	50	M10 x 1.5	90	122	30	61	0.068
6697 63 00	63	M10 x 1.5	90	127.5	30	73.5	0.073

To ensure good stability of the network, we recommend the use of at least 2 clips per pipe.  
Use only this clip for fixing Transair® rigid aluminium pipe, all other types of clip are to be avoided.

Ø  
76  
100  
168

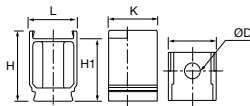


## FIXING COLLAR FOR RIGID ALUMINIUM PIPE

Transair®	ØD	C	Kg
ER01 L1 00	76	M8 / M10	0.168
ER01 L3 00	100	M8 / M10	0.259
ER01 L8 00	168	M8 / M10	0.540

To ensure good stability of the network, we recommend the use of at least 2 collars per pipe.

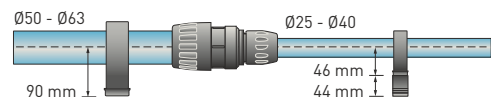
Ø  
16.5  
25  
40



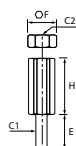
## SPACER

Transair®	ØD	H	H1	K	L	Kg
6697 00 03	11	49.5	44	34	33	0.021

This spacer, in association with a Transair® pipe clip, allows consistent alignment of pipes when different diameters of pipe are run concurrently in the same line.



Ø  
16.5  
25  
40



## CLIP ADAPTOR FOR THREADED ROD

Transair®	C1	C2	E	F	H	Kg
6697 00 02	M8 x 1.25	M10 x 1.5	16	16	22	0.056

The use of this adaptor facilitates the suspension of Transair® M10 threaded rod.

# FLEXIBLE HOSES

- | Compressor outlets (absorption of vibration)
- | To bypass obstacles and join different levels
- | Expansion loops
- | Max. working pressure for flexible hose used for compressed air:
  - ◆13 bar from -20°C to +60°C
  - ◆16 bar from -20°C to +45°C
- | Working temperature: -20°C to +60°C
- | Resistant to mineral and synthetic compressor oils
- | Fire resistant (conforms to ISO 8030 standard for compressed air flexible hose)
- | Flexible hose for vacuum: please consult us

Ø  
25  
40

Transair®	For use with Transair®	ØD1	ØD2	L (m)	Min. bend radius (mm)	Kg
1001E25 00 01	25	38	25	0.570	100	0.794
1001E25 00 03	25	38	25	1.500	100	1.700
1001E25 00 04	25	38	25	2.000	100	2.080
1001E40 00 02	40	54	40	1.150	400	2.200
1001E40 00 04	40	54	40	2.000	400	3.380
1001E40 00 05	40	54	40	3.000	400	4.000

Ø  
50  
63

Transair®	For use with Transair®	ØD1	ØD2	L (m)	Min. bend radius (mm)	Kg
1001E50 00 09	50	66	50	1.270	275	3.400
1001E50 00 04	50	66	50	2.000	280	4.310
1001E63 00 08	63	79	63	1.400	300	3.675
1001E63 00 05	63	79	63	3.000	650	7.500
1001E63 00 06	63	79	63	4.000	650	11.000

Ø  
76  
100  
168

Transair®	For use with Transair®	ØD1	ØD2	L (m)	Min. bend radius (mm)	Kg
FP01 L1 01	76	91	75	1.500	350	4.000
FP01 L1 02	76	91	75	2.000	350	8.800
FP01 L3 02	100	116	100	2.000	450	7.260
FP01 L3 03	100	116	100	3.000	450	19.900
FX01 L8 02	168	168	150	3.200	900	42.000

### Anti whip-lash strap



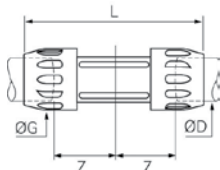
Prevents whip-lash should Transair® flexible hose be disconnected whilst under pressure.  
 Conforms to ISO 4414 safety standard.  
 Anti whip-lash strap includes 2 cables and 4 tensioning points.  
 6698 99 03 for Ø 25-40-50-63-76-100  
 6698 09 07 for Ø 168 only

# PIPE-TO-PIPE AND STUD CONNECTORS

- Quick connection
- Full bore design: consistent inner diameter for both pipe and connectors

- Interchangeable (applicable to Ø16.5, Ø25 and Ø40) and reusable
- Non-flammable materials (UL94-HB standard)

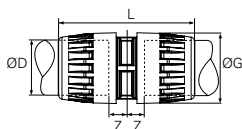
Ø  
16.5  
25  
40



## PIPE-TO-PIPE CONNECTOR

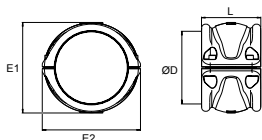
Transair®	ØD	ØG	L	Z	Kg
6606 17 00	16.5	34	120.5	35	0.065
6606 25 00	25	44.5	151.5	48	0.130
6606 40 00	40	67	205	57	0.395

Ø  
50  
63



Transair®	ØD	ØG	L	Z	Kg
6606 50 00	50	80	171	25	0.719
6606 63 00	63	91	171	25	0.860

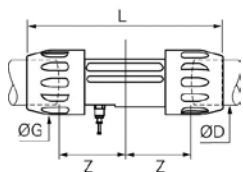
Ø  
76  
100  
168



## PIPE-TO-PIPE CONNECTOR (CLAMP + CARTRIDGE)

Transair®	ØD	L	E1	E2	Kg
RR01 L1 00	76	146	103	132	1.033
RR01 L3 00	100	146	128	157	1.417
RR01 L8 00	168	139	212	230	2.570

Ø  
25  
40

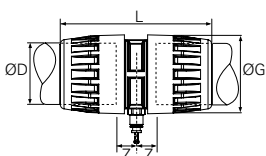


## PIPE-TO-PIPE CONNECTOR WITH VENT

Transair®	ØD	ØG	L	Z	Kg
6676 25 00	25	44.5	151.5	48	0.145
6676 40 00	40	67	205	57	0.412

Models supplied with 1/4" threaded fitting and Ø8 mm push-in connection, complete with blanking plug.


Ø  
50  
63




Transair®	ØD	ØG	L	Z	Kg
6676 50 00	50	80	171	25	0.748
6676 63 00	63	91	171	25	0.870

Models supplied with 1/4" threaded fitting and Ø8 mm push-in connection, complete with blanking plug.




Ø 16.5 25 40		90° ELBOW					
		Transair®	ØD	ØG	L	Z	Kg
		6602 17 00	16.5	34	58	31	0.065
		6602 25 00	25	44.5	69.5	40	0.120
6602 40 00	40	67	103	62	0.410		


  

Ø 50 63		90° ELBOW					
		Transair®	ØD	ØG	L	Z	Kg
		6602 50 00	50	80	116	56	0.804
6602 63 00	63	91	124	61	0.970		


  

Ø 76 100 168		90° ELBOW				
		Transair®	ØD	H	Z	Kg
		RX02 L1 00	76	227	189	1.033
		RX02 L3 00	100	278	227	1.417
RA02 L8 00	168	269	185	3.074		

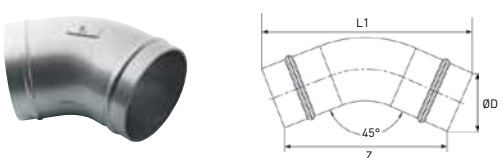
Use 2 connectors RR01 to connect 90° elbow RX12 and RA02 to Transair® aluminium pipe Ø76, Ø100 or Ø168.

Ø 25 40		45° ELBOW					
		Transair®	ØD	ØG	L	Z	Kg
		6612 25 00	25	44.5	61.5	32.5	0.115
6612 40 00	40	67	90	45	0.370		

Ø 50 63		45° ELBOW					
		Transair®	ØD	ØG	L	Z	Kg
		6612 50 00	50	80	98	38	0.771
6612 63 00	63	91	100	37	0.906		

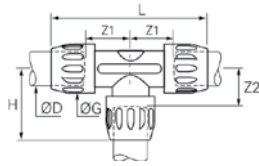
  

Ø 76 100 168		45° ELBOW				
		Transair®	ØD	L1	Z	Kg
		RX12 L1 00	76	235.5	122	0.704
		RX12 L3 00	100	271.4	138	1.309
RA12 L8 00	168	310.5	147.5	2.366		

Use 2 connectors RR01 to connect 45° elbows RX12 and RA12 to Transair® aluminium pipe Ø76, Ø100 or Ø168.

# PIPE-TO-PIPE AND STUD CONNECTORS

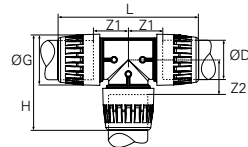
Ø  
16.5  
25  
40



## EQUAL TEE

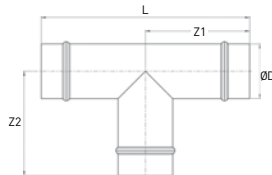
Transair®	ØD	G	H	L	Z1	Z2	Kg
6604 17 00	16.5	34	58	120.5	34	31	0.100
6604 25 00	25	44.5	67	151	48	40	0.185
6604 40 00	40	67	102	205	57	57	0.590

Ø  
50  
63



Transair®	ØD	G	H	L	Z1	Z2	Kg
6604 50 00	50	80	156	231	56	56	1.200
6604 63 00	63	91	122	245	61	61	1.435

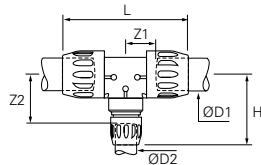
Ø  
76  
100  
168



Transair®	ØD	L	Z1	Z2	Kg
RX04 L1 00	76	292	146	146	1.063
RX04 L3 00	100	312	156	136	1.787
RA04 L8 00	168	360	180	185	4.975

Use 3 connectors RR01 to connect equal tees RX04 and RA04 to Transair® aluminium pipe Ø76, Ø100 or Ø168.

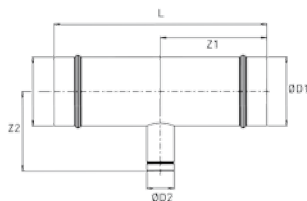
Ø  
50  
63



## REDUCING TEE

Transair®	ØD1	ØD2	ØG	H	L	Z1	Z2	Kg
6604 50 25	50	25	80	138	231	56	111	1.154
6604 50 40	50	40	80	157	231	56	107	1.264
6604 63 40	63	40	91	166	245	61	116	1.485
6604 63 50	63	50	91	177	252	61	117	1.644

Ø  
76  
100  
168



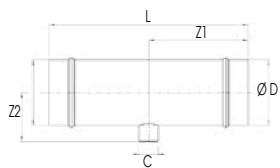
Transair®	ØD1	ØD2	L	Z1	Z2	Kg
RX24 L1 40	76	40	292	146	105	1.020
RX24 L1 50	76	50	292	146	160	0.895
RX24 L1 63	76	63	292	146	164	1.091
RX24 L3 40	100	40	312	156	118	1.586
RX24 L3 50	100	50	312	156	173	1.740
RX24 L3 63	100	63	312	156	177	1.672
RX04 L3 L1	100	76	312	156	136	1.637
RA04 L8 63	168	63	360	180	220	3.104
RA04 L8 L1	168	76	360	180	185	3.145
RA04 L8 L3	168	100	360	180	185	3.169

## INCREASER TEE

Transair®	ØD1	ØD2	L	Z1	Z2	Kg
RA04 63 L1	63	76	348	174	142	1.855
RA04 L1 L3	76	100	322	161	149	2.487
RA04 L3 L8	100	168	388	194	161	4.240

Use connectors RR01 to connect RX24 and RA04 tees to Transair® aluminium pipe Ø76, Ø100 or Ø168 and Transair® pipe-to-pipe connectors to connect Transair® aluminium pipe Ø40, Ø50 or Ø63 mm.

Ø  
76  
100

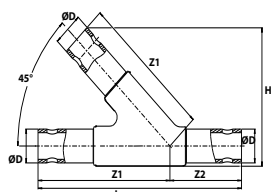


**THREADED TEE**

Transair®	ØD	C	L	Z1	Z2	Kg
RX23 L1 04	76	G1/2	290	145	63	0.892
RX23 L3 04	100	G1/2	310	155	76	1.564

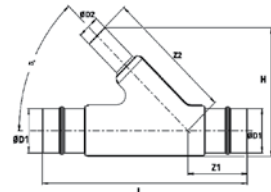
Use 2 connectors RR01 to connect threaded tee RX23 to Transair® aluminium pipe Ø76 or Ø100.

Ø  
63  
76  
100  
168



**EQUAL Y**

Transair®	ØD	H	L	Z1	Z2	Kg
RA26 63 00	63	257	432	280	152	2.825
RA26 L1 00	76	254	366	260	106	3.238
RA26 L3 00	100	290	396	280	116	3.540
RA26 l8 00	168	401	476	350	126	11.717

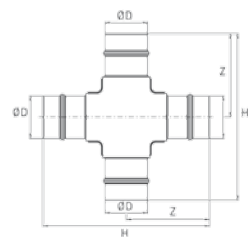


**REDUCER Y**

Transair®	ØD1	ØD2	H	L	Z1	Z2	Kg
RA26 L1 40	76	40	220	366	230	106	2.603
RA26 L1 50	76	50	259	366	280	106	2.820
RA26 L1 63	76	63	262	366	280	106	3.013
RA26 L3 63	100	63	276	396	280	116	3.007
RA26 L3 L1	100	76	281	396	280	116	3.270
RA26 L8 L3	168	100	359	392	330	86	6.726

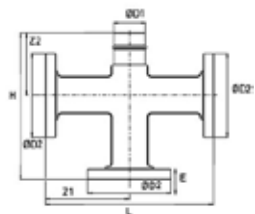
Use RR01 connectors to connect Y RA26 to Transair® aluminium pipe Ø76, Ø100 or Ø168 and a Transair® pipe-to-pipe connector to connect Y RA26 to Transair® aluminium pipe Ø40, Ø50 or Ø63.

Ø  
40  
50  
63  
76  
100  
168



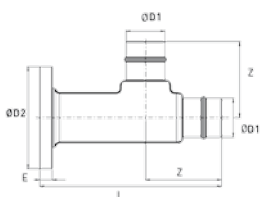
**EQUAL CROSS**

Transair®	ØD	H	Z	Kg
RA07 40 00	40	252	112	0.650
RA07 50 00	50	356	161	1.130
RA07 63 00	63	364	167.5	2.100
RA07 L1 00	76	298	149	2.570
RA07 L3 00	100	322	161	3.671
RA07 L8 00	168	382	191	7.050



**3 FLANGED CROSS (EN-ISO)**

Transair®	ØD1	DN	ØD2	H	L	E	Z1	Z2	Kg
RA07 L1 03 45	76	80	200	356	414	24.6	201.4	149	9.240
RA07 L3 03 45	100	100	220	380	438	24.6	213.4	161	11.520
RA07 L8 03 45	168	150	285	448.7	515	26.1	257.7	191	19.230



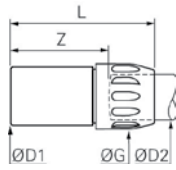
**1 FLANGED TEE (EN-ISO)**

Transair®	ØD1	DN	ØD2	L	E	Z	Kg
RA44 L1 00 45	76	80	200	356	24.6	149	4.275
RA44 L3 00 45	100	100	220	380	24.6	161	5.530
RA44 L8 00 45	168	150	285	448.7	26.1	191	10.120

Use connectors RR01 to connect RA07 crosses and RA44 flange tees to Transair® aluminium pipe Ø76, Ø100 or Ø168 and Transair® pipe-to-pipe connectors to connect to Transair® aluminium pipe Ø40, Ø50 or Ø63.

# PIPE-TO-PIPE AND STUD CONNECTORS

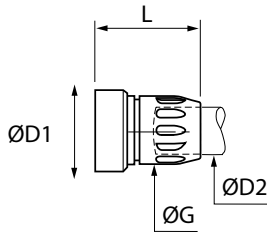
Ø  
16.5  
25  
40



## PLUG-IN REDUCER

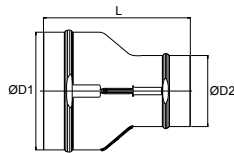
Transair®	ØD1	ØD2	ØG	Z	L	Kg
6666 17 25	25	16.5	34	51	77	0.052
6666 25 40	40	25	44.5	71	100.5	0.126

Ø  
50  
63



Transair®	ØD1	ØD2	ØG	L	Kg
6666 25 50	50	25	45	97	0.210
6666 40 50	50	40	67	116	0.317
6666 40 63	63	40	67	120	0.373
6666 50 63	63	50	80	125	0.520

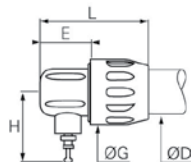
Ø  
76  
100  
168



Transair®	ØD1	ØD2	L	Kg
RX64 L1 50	76	50	220	0.530
RX64 L1 63	76	63	230	0.584
RX64 L3 50	100	50	343	1.290
RX64 L3 63	100	63	250	0.850
RX66 L3 L1	100	76	192.5	0.702
RA66 L8 L1	168	76	210	1.388
RA66 L8 L3	168	100	210	1.502

Use 1 connector RR01 to connect plug-in reducer RX64, RX66 and RA66 to Transair® aluminium pipe Ø76 or Ø100 and 1 pipe-to-pipe connector to connect to Transair® aluminium pipe Ø50 or Ø63.

Ø  
16.5  
25  
40

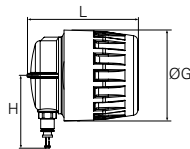


## VENTED END CAP

Transair®	ØD	E	ØG	H	L	Kg
6625 17 00	16.5	25.5	34	45.5	62.5	0.145
6625 25 00	25	33	45	47	75	0.061
6625 40 00	40	34.5	67	54	98.5	0.180

Model Ø16.5: supplied with Ø6mm plug  
Models Ø25 and Ø40: supplied with Ø8mm plug

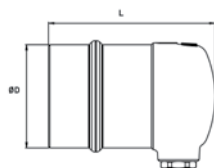
Ø  
50  
63



Transair®	ØD	ØG	H	L	Kg
6625 50 00	50	80	67	107	0.423
6625 63 00	63	91	72.5	111	0.496

Supplied with Ø8mm plug

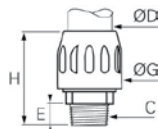
Ø  
76  
100  
168



Transair®	ØD	L	Kg
RA25 L1 04	76	123	0.642
RA25 L3 04	100	123	0.929
RA25 L8 04	168	116	1.200

Use 1 connector RR01 to connect end cap RA25 to Transair® aluminium pipe Ø76, Ø100 or Ø168.  
Supplied with 1/2" threaded plug.

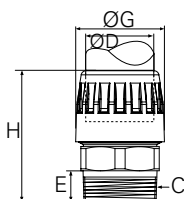
Ø  
16.5  
25  
40



**MALE STUD FITTING - BSP TAPER**

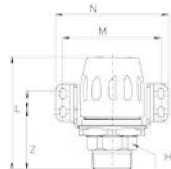
Transair®	ØD	C	E	ØG	H	Kg
6605 17 13	16.5	R1/4	9.5	34	62.5	0.100
6605 17 21	16.5	R1/2	12	34	65	0.110
6605 25 21	25	R1/2	15	44.5	70	0.166
6605 25 27	25	R3/4	16	44.5	71	0.176
6605 25 34	25	R1"	16	44.5	71	0.230
6605 40 34	40	R1"	16	67	111	0.585
6605 40 42	40	R1"1/4	19.5	67	111	0.510
6605 40 49	40	R1"1/2	24.5	67	115	0.625

Ø  
50  
63



Transair®	ØD	C	E	ØG	H	Kg
6605 50 49	50	R1"1/2	22.6	80	119	1.039
6605 50 48	50	R2"	26.9	80	125	1.022
6605 63 48	63	R2"	26.9	91	118.5	1.095
6605 63 47	63	R2"1/2	31.5	91	130.5	1.474

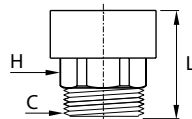
Ø  
25  
40  
50



**MALE STUD FITTING WITH FIXING PLATE - BSP TAPER**

Transair®	ØD	C	Hex	L	M	N	Z	Kg
6615 25 21	25	R1/2	27	87	87	102	60	0.460
6615 25 27	25	R3/4	27	87	87	102	60	0.480
6615 25 34	25	R1"	34	91	87	102	64	0.570
6615 40 42	40	R1"1/4	50	121	105	120	75	0.985
6615 40 49	40	R1"1/2	50	121	105	120	75	1.098
6615 50 49	50	R1"1/2	50	127	116.5	132	67	1.316
6615 50 48	50	R2"	60	131	116.5	132	71	1.331

Ø  
16.5  
25  
40  
50  
63



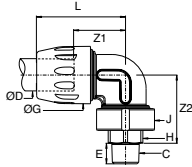
**MALE THREADED NUT - BSP TAPER**

Transair®	ØD	C	Hex	L	Kg
6611 17 21	16.5	R1/2	23	41	0.150
6611 25 21	25	R1/2	27	43	0.172
6611 25 27	25	R3/4	27	45	0.210
6611 25 34	25	R1"	36	49	0.250
6611 40 34	40	R1"	41	53	0.410
6611 40 42	40	R1"1/4	50	61	0.480
6611 40 49	40	R1"1/2	50	61	0.500
6611 40 48	40	R2"	60	65	0.620
6611 50 49	50	R1"1/2	50	79	0.724
6611 50 48	50	R2"	60	85	0.788
6611 63 48	63	R2"	70	82	0.900
6611 63 47	63	R2"1/2	80	86	1.200

6611 male threaded stud fittings can be used with all Transair® pipe-to-pipe stud connectors (as a replacement for the standard nuts) for Ø16.5 to Ø63mm.

# PIPE-TO-PIPE AND STUD CONNECTORS

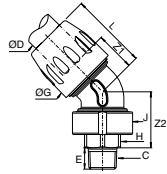
Ø  
16.5  
25  
40  
50  
63



## MALE STUD 90° ELBOW - BSP TAPER

Transair®	ØD	C	E	ØG	H	J	L	Z1	Z2	Kg
6609 17 13	16.5	R1/4	11.9	34	17	34	58	31	41	0.104
6609 17 21	16.5	R1/2	16	34	23	34	58	31	46.5	0.133
6609 25 21	25	R1/2	16	44.5	27	45.5	69.5	40.5	53	0.223
6609 25 27	25	R3/4	17.4	44.5	27	45.5	69.5	40.5	53	0.238
6609 25 34	25	R1"	20.3	44.5	36	45.5	69.5	40.5	55	0.295
6609 40 34	40	R1"	20.3	67	41	68.5	103	62	75	0.684
6609 40 42	40	R1"1/4	22.6	67	50	68.5	103	62	81	0.792
6609 40 49	40	R1"1/2	22.6	67	50	68.5	103	62	81	0.816
6609 40 48	40	R2"	26.9	67	60	68.5	103	62	81	0.900
6609 50 49	50	R1"1/2	22.6	80	50	80	116	56	97	1.290
6609 50 48	50	R2"	26.9	80	60	80	116	56	99	1.355
6609 63 48	63	R2"	26.9	91	70	91	124	61	105	1.452
6609 63 47	63	R2"1/2	30.2	91	80	91	124	61	106	1.831

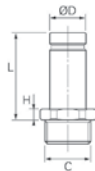
Ø  
25  
40  
50  
63



## MALE STUD 45° ELBOW - BSP TAPER

Transair®	ØD	C	E	ØG	H	J	L	Z1	Z2	Kg
6619 25 21	25	R1/2	16.0	44.5	27	45.5	61.5	32.5	42	0.212
6619 25 27	25	R3/4	17.4	44.5	27	45.5	61.5	32.5	42	0.227
6619 25 34	25	R1"	20.3	44.5	36	45.5	61.5	32.5	44	0.285
6619 40 34	40	R1"	20.3	67	41	68.5	94	45	58.5	0.645
6619 40 42	40	R1"1/4	22.6	67	50	68.5	94	45	64	0.755
6619 40 49	40	R1"1/2	22.6	67	50	68.5	94	45	64	0.780
6619 40 48	40	R2"	26.9	67	60	68.5	94	45	64	0.860
6619 50 49	50	R1"1/2	22.6	80	50	80	98	38	80	1.267
6619 50 48	50	R2"	26.9	80	60	80	98	38	82	1.312
6619 63 48	63	R2"	26.9	91	70	91	100	37	81	1.452
6619 63 47	63	R2"1/2	30.2	91	80	91	100	37	82	1.831

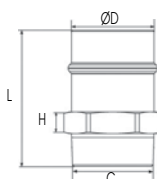
Ø  
16.5  
25  
40



## MALE ADAPTOR - BSP TAPER

Transair®	ØD	C	L	H	Kg
6621 17 21	16.5	R1/2	42	5	0.610
6621 25 21	25	R1/2	49	7	0.109
6621 25 27	25	R3/4	49	7	0.111
6621 25 34	25	R1"	52	7	0.187
6621 40 42	40	R1"1/4	73.7	8	0.358
6621 40 49	40	R1"1/2	75.7	10	0.452

Ø  
76



Transair®	ØD	C	L	H	Kg
RR05 L1 20	76	R2"1/2	125	20	1.968
RR05 L1 24	76	R3"	133	25	3.100

Use 1 connector RR01 to connect male adaptor RR05 to Transair® aluminium pipe Ø76.

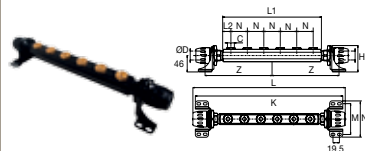
Ø  
25  
40



**MANIFOLD**

Transair®	ØD	ØG	L	L1	L2	N	Z	E	S	Kg
6651 25 12 04	25	44.5	271	155	25	35	107	G3/4"	G3/8"	1.045
6651 40 12 04	40	67	400	210	30	50	150	G1"1/4	G1/2"	2.285

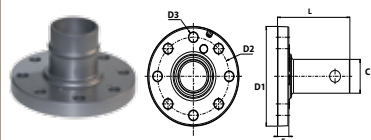
4 ports manifold, supplied with 4 Ø12mm plugs



Transair®	ØD	C	L	L1	L2	K	N	Z	H	M	Kg
6652 25 21 06	25	G1/2	463	300	25	448	50	204	74	86.5	2.300
6652 40 21 06	40	G1/2	526	310	30	469	50	217	83	104.5	3.800

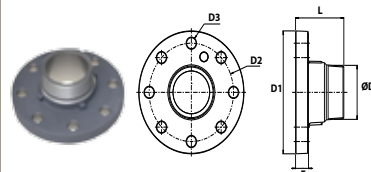
6 ports manifold, supplied with 6 G1/2" plugs

Ø  
63  
76  
100  
168



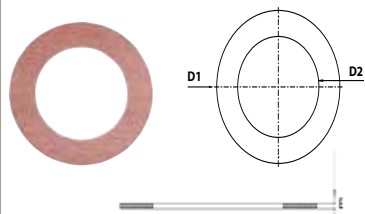
**CIRCULAR ALUMINIUM FLANGE EN-ISO**

Transair®	ØD	DN	ØD1	ØD2	ØD3	E	L	Kg
RA30 63 00	63	65	185	145	18	23	146.5	1.636
RA30 L1 00	76	80	200	160	18	24.6	106.8	1.924
RA30 L3 00	100	100	220	180	18	24.6	106.8	2.277
RA31 L8 00	168	150	279	240	22.7	25.4	127.4	3.673
RA30 L8 K2	168	200	340	295	22	29.3	199.3	7.246



**CIRCULAR ALUMINIUM FLANGE EN-ISO THREADED**

Transair®	C	DN	ØD1	ØD2	ØD3	E	L	Kg
RA33 L1 24	R3"	80	200	160	18	24,6	91,6	2,226
RA33 L3 24	R3"	100	220	180	18	24,6	91,6	2,644



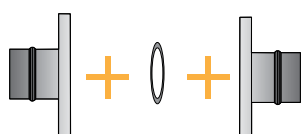
**GASKET FOR ALUMINIUM FLANGE**

Transair®	DN	for Circular Flange	ØD1	ØD2	E	kg
EW05 63 00	65	RA30 63 00	124	73	3	0.028
EW05 L1 00	80	RA30 L1 00 - RA33 L1 24	142	89	3	0.033
EW05 L3 00	100	RA30 L3 00 - RA33 L3 24	162	115	3	0.052
EW05 L8 00	150	RA31 L8 00	218	169	3	0.075
EW05 K2 00	200	RA30 L8 K2	273	220	3	0.110



**BOLT KITS FOR ALUMINIUM FLANGE**

Transair®	C	L	Number of Bolts	Kg
EW06 00 03	M16	90	x 8	1.820
EW06 00 08	M20	90	x 4	1.490



**SELECTION TABLE FOR GASKETS AND BOLT KITS FOR FLANGE / FLANGE ASSEMBLY**

Transair®	ØD/C	DN	Gasket Part Number	Bolt Kit Part Number	Number of Kits	Max. Tightening Torque in N.m (C)
RA30 63 00	63	65	EW05 63 00	EW06 00 03	1 kit	80
RA30 L1 00	76	80	EW05 L1 00	EW06 00 03	1 kit	80
RA33 L1 24	R3"	80	EW05 L1 00	EW06 00 03	1 kit	80
RA33 L3 24	R3"	100	EW05 L3 00	EW06 00 03	1 kit	80
RA30 L3 00	100	100	EW05 L3 00	EW06 00 03	1 kit	80
RA31 L8 00	168	150	EW05 L8 00	EW06 00 08	2 kits	200
RA30 L8 K2	168	200	EW05 K2 00	EW06 00 08	3 kits	200

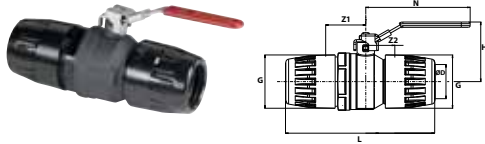
These kits can be used for the assembly of crosses RA07 and RA44 of page 33.

# BALL VALVES AND BUTTERFLY VALVES

Transair® ball valves and butterfly valves placed regularly throughout the network and at key locations, such as compressor outlets and upstream of pneumatic tools, allow ease of system isolation and pipe work reconfiguration / maintenance.

- ▮ Quick connection
- ▮ These valves are silicone-free.

Ø  
16.5  
25  
40  
50  
63

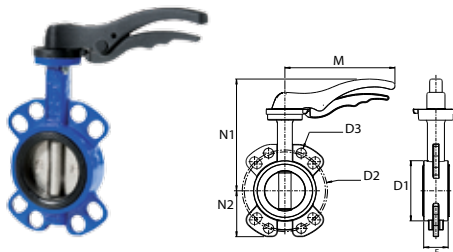


## LOCKABLE DOUBLE BALL VALVE

Transair®	ØD	ØG	L	N	H	Z1	Z2	Kg
4092 17 00	16.5	34	123	96	51	29	43	0.330
4092 25 00	25	44	155	117	73	41	57	0.895
4092 40 00*	40	67	205	141	76	57	58	1.735
4092 50 00*	50	80	224	156	90	43	60	1.690
4092 63 00*	63	91	269	200	109	66	77	2.605

\*Models with CE marking

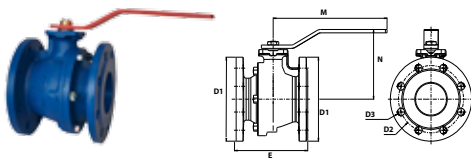
Ø  
63  
76  
100  
168



## LOCKABLE BUTTERFLY VALVE

Transair®	ØD	DN	ØD1	ØD2	ØD3	M	N1	N2	E	Kg
VR02 63 00	63	65	102	145	18	170	186	69	46	2.400
VR02 L1 00	76	80	118	160	18	206	219	90	46	3.200
VR02 L3 00	100	100	150	180	18	206	239	106	52	4.300
VR02 L8 00	168	150	205	240	23	285	290	131	56	7.800

Models with CE marking. NBR seal. EW06 bolt kits are not supplied for valve/flanges assembly. The butterfly valves do not require additional ring when connected to circular flanges. Suitable for flanges according to EN 1092-1 - PN 16.



## BALL VALVE

Transair®	ØD	DN	ØD1	ØD2	ØD3	M	N	E	Kg
VR01 L1 00	76	80	200	160	18	280	165	180	15.500
VR01 L3 00	100	100	220	180	18	360	180	190	18.500
VR01 L8 00	168	150	285	241	22	520	243	210	38.500

Models with CE marking. EW05 seals (see page 37) and EW06 bolt kits are not supplied for flange/flange assembly. Suitable for flanges according to EN 1092-1 - PN 16.

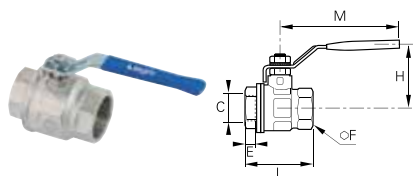
## BOLT KIT FOR BALL VALVE AND ALUMINIUM FLANGE

Transair®	C	L	Number of Bolts	Kg
EW06 00 02	M16	75	x 8	1.824
EW06 00 07	M16	130	x 8	2.287
EW06 00 09	M20	140	x 8	3.864
EW06 00 15	3/4 - 10UNC	76	x 8	2.237
EW06 00 17	M16	70	x 8	1.785

## BOLT KITS FOR ASSEMBLY ALUMINIUM FLANGE / VALVE / ALUMINIUM FLANGE

Transair®	ØD	DN	Flange Part Number	Bolt Kit Part Number	Bolt Kit Quantity	Max. Tightening Torque N. m
VR02 63 00	63	65	RA30 63 00	EW06 00 07	1 kit	80
VR02 L1 00	76	80	RA30 L1 00 - RA33 L1 24	EW06 00 07	1 kit	80
VR02 L3 00	100	100	RA30 L3 00 - RA33 L3 24	EW06 00 07	1 kit	80
VR02 L8 00	168	150	RA31 L8 00	EW06 00 09	1 kit	200
VR01 L1 00	76	80	RA30 L1 00 - RA33 L1 24	EW06 00 17	2 kits	80
VR01 L3 00	100	100	RA30 L3 00 - RA33 L3 24	EW06 00 02	2 kits	80
VR01 L8 00	168	150	RA31 L8 00	EW06 00 15	2 kits	200

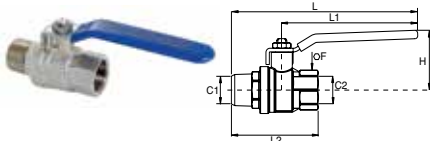




**DOUBLE FEMALE BALL VALVE**

Transair®	C	DN	Pmax. (bar)	E	F	H	L	M	Kg
VR03 00 02	G1/4	10	30	11.4	20	43	51.5	98	0.157
VR03 00 03	G3/8	10	30	11.4	20	43	51.5	98	0.141
VR03 00 04	G1/2	15	30	13.5	25	47	55	98	0.204
VR03 00 06	G3/4	20	30	12.5	31	58	57.5	122	0.310
VR03 00 08	G1"	25	30	15	38	60	69.5	122	0.460
VR03 00 10*	G1"1/4	32	25	17	48	77	81.5	153	0.751
VR03 00 12*	G1"1/2	40	25	28	54	83	95	153	1.100
VR03 00 16*	G2"	50	25	22	66	95	113	162	1.644
VR03 00 20*	G2"1/2	61	16	24	84	95	132.5	255	2.979

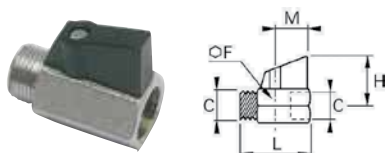
\*Models with CE marking



**BALL VALVE - MALE BSP TAPER, FEMALE BSP PARALLEL**

Transair®	C1	C2	DN	Pmax. (bar)	F	H	L	L1	L2	Kg
VR04 00 04	R1/2	G1/2	15	40	25	43	140.5	100	70	0.230
VR04 00 06	R3/4	G3/4	20	40	31	50	164.5	120	76.5	0.360
VR04 00 08	R1"	G1"	25	40	40	54	172	120	92.5	0.623
VR04 00 10*	R1"1/4	G1"1/4	32	40	49	73	217.5	158	106	0.965
VR04 00 12*	R1"1/2	G1"1/2	40	40	54	79	220	158	113	1.213
VR04 00 16*	R2"	G2"	50	40	68.5	86	230.5	158	133	1.983
VR04 00 20*	R21/2	G2"1/2	65	30	85	132	357.5	255	180.5	3.600

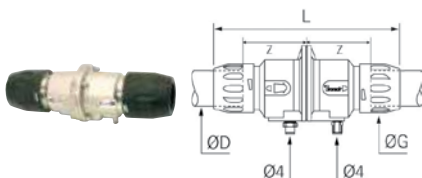
\*Models with CE marking



**MINI BALL VALVE - MALE / FEMALE, BSP TAPER**

Transair®	C	DN	F	H	L	M	Kg
4981 10 21TR	R1/2	10	25	31	46	20.5	0.138

Max. working pressure: 10 bar



**REMOTE CONTROL SHUT-OFF VALVE**

Transair®	ØD	G	L	Z	Kg
4230 00 40	40	67	261	85	1.817

Min. working pressure: 4 bar - Max. working pressure: 13 bar  
 The Transair® remote control shut-off valve is supplied with a plugged vent hole. This allows venting of the downstream network, after closing the valve.

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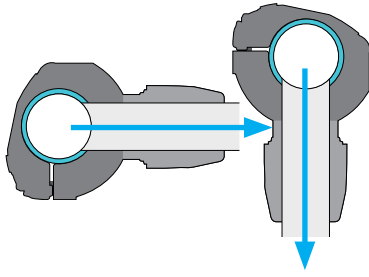


**PILOT KIT**

Transair®	H	K	K1	L	Kg
4299 03 01	145	106	70	82	0.788

This pilot kit comprises: pneumatic ON-OFF switch (maximum 10 bar operating pressure), twin 4 mm OD polyurethane tube (length 10m) and plastic box.

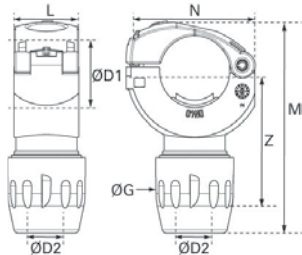
# QUICK ASSEMBLY DIRECT FEED BRACKETS



For rigid drops with horizontal take off or for all types of air supply with rigid pipe or flexible hose on an installation which incorporates an efficient air dryer.

- Optimum flow
- Compact
- Well adapted for most OEM applications and for use with neutral gases
- Quick installation without any cutting of pipe

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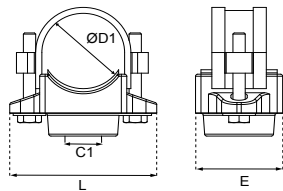


## QUICK ASSEMBLY DIRECT FEED BRACKET

Transair®	ØD1	ØD2	M	G	L	N	Z	Kg
RA69 25 17	25	16.5	94	34	37	52	47.5	0.085
RA69 40 25	40	25	117	45	37	74	63	0.146
RA69 50 25	50	25	125	45	37	86	66	0.163
RA69 63 25	63	25	137	45	37	100	72	0.165

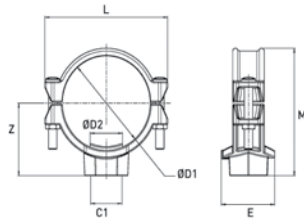
To drill Transair® aluminium pipe, use drilling tools 6698 02 01 and 6698 02 02.

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Transair®	ØD1	C1	E	L	Kg
RR61 L1 08	76	G1"	80	137	2.000
RR61 L1 16	76	G2"	80	137	1.900
RR61 L3 08	100	G1"	90	158	3.400
RR61 L3 16	100	G2"	90	158	1.800

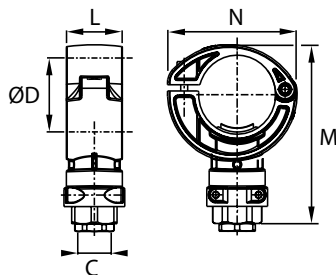
To drill Transair® aluminium pipe, use drilling tool EW09. Supplied without plug



Transair®	ØD1	ØD2	C1	E	L	M	Z	Kg
RR63 L8 12	168	51	G1" 1/2	90	235	231	130	3.400
RR63 L8 16	168	64	G2"	103	235	231	130	3.500
RR63 L8 20	168	70	G2" 1/2	112	235	231	130	4.000
RR63 L8 24	168	90	G3"	132	240	231	130	4.700

To drill Transair® aluminium pipe, use drilling tool EW09. Supplied without plug

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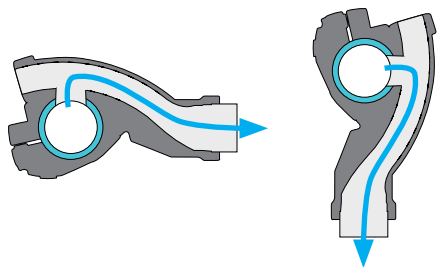
## QUICK ASSEMBLY DIRECT FEED MINI-BRACKET WITH FEMALE THREAD

Transair®	ØD	C	L	M	N	Kg
RA65 25 04	25	G1/2	37	86	52	0.176
RA65 40 04	40	G1/2	37	100	74	0.198
RA65 50 04	50	G1/2	37	115	86	0.206
RA65 50 08	50	G1"	37	129	86	0.326
RA65 63 04	63	G1/2	37	126	100	0.258
RA65 63 08	63	G1"	37	140	100	0.460

Supplied with blanking plug

To drill Transair® aluminium pipe, use drilling tools 6698 02 01 and 6698 02 02.

# QUICK ASSEMBLY BRACKETS



New generation quick assembly brackets are recommended for vertical or horizontal take-offs, using either rigid pipe or flexible hose.

- Integral water retention device
- Very high flow
- Quick installation without any cutting of pipe

<p>Ø 25 40</p>			<b>QUICK ASSEMBLY BRACKETS</b>																																																	
			<table border="1"> <thead> <tr> <th>Transair®</th> <th>ØD1</th> <th>ØD2</th> <th>M</th> <th>ØG</th> <th>L</th> <th>N</th> <th>Z</th> <th>Kg</th> </tr> </thead> <tbody> <tr> <td>6662 25 17</td> <td>25</td> <td>16.5</td> <td>140</td> <td>35</td> <td>36</td> <td>63.5</td> <td>82</td> <td>0.109</td> </tr> <tr> <td>6662 25 00</td> <td>25</td> <td>25</td> <td>134</td> <td>45</td> <td>36</td> <td>63.5</td> <td>74</td> <td>0.124</td> </tr> <tr> <td>6662 40 17</td> <td>40</td> <td>16.5</td> <td>154</td> <td>35</td> <td>37.5</td> <td>76.5</td> <td>89</td> <td>0.138</td> </tr> <tr> <td>6662 40 25</td> <td>40</td> <td>25</td> <td>150</td> <td>45</td> <td>37.5</td> <td>76.5</td> <td>82</td> <td>0.145</td> </tr> </tbody> </table>	Transair®	ØD1	ØD2	M	ØG	L	N	Z	Kg	6662 25 17	25	16.5	140	35	36	63.5	82	0.109	6662 25 00	25	25	134	45	36	63.5	74	0.124	6662 40 17	40	16.5	154	35	37.5	76.5	89	0.138	6662 40 25	40	25	150	45	37.5	76.5	82	0.145	<p>To drill Transair® aluminium pipe, use drilling tools 6698 02 01 and 6698 02 02.</p>			
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<p>Ø 50 63</p>			<b>QUICK ASSEMBLY BRACKETS</b>																															
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Transair®	ØD1	ØD2	M	G	L	N	Z	Kg																										
6662 50 25	50	25	132	45	37.5	98	58	0.155																										
6662 63 25	63	25	147	45	37	105	65	0.174																										

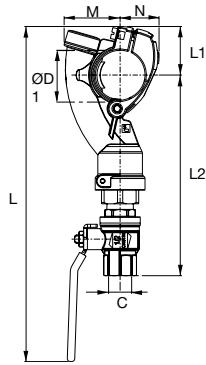
<p>Ø 25 40</p>			<b>QUICK ASSEMBLY BRACKET WITH FEMALE THREAD</b>																											
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Transair®	ØD1	C	L	M	N	Kg																								
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Transair®	ØD1	C	L	M	N	Kg																															
6661 50 21	50	G1/2	37	121	96	0.217																															
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6661 63 21	63	G1/2	37	136.5	103	0.271																															
6661 63 27	63	G3/4	37	145.5	103	0.342																															

# QUICK ASSEMBLY BRACKETS WITH BALL VALVE OR COUPLER

Quick assembly brackets with pre-assembled ball valve or coupler allow time savings during installation.

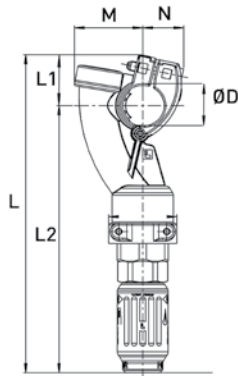
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## QUICK ASSEMBLY BRACKET WITH PRE-ASSEMBLED BALL VALVE - BSP PARALLEL

Transair®	ØD	C	L	L1	L2	M	N	Kg
6669 25 21	25	G1/2	256	32	155	40	23	0.43
6669 40 21	40	G1/2	271	39	162	45	31	0.45
6669 40 27	40	G3/4	304	39	176	45	31	0.62
6669 50 21	50	G1/2	249	46	133.5	87	32	0.467
6669 50 27	50	G3/4	282	46	147.5	94	32	0.621
6669 63 21	63	G1/2	265	55	141	87	38	0.67
6669 63 27	63	G3/4	297	55	155	94	38	0.78

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## QUICK ASSEMBLY BRACKET WITH PRE-ASSEMBLED BALL VALVE - BSP PARALLEL

Transair®	ØD	L	L1	L2	M	N	Profile	Bore (mm)	Kg
6660 25 U1	25	198	32	166	40	24	ISO B	5.5	0.302
6660 25 U2	25	205	32	173	40	24	ISO B	8	0.334
6660 25 E4	25	205	32	173	40	24	EURO	7.2	0.327
6660 25 A1	25	195	32	164	40	24	ARO	5.5	0.344
6660 40 U1	40	213	40	173	45	31	ISO B	5.5	0.332
6660 40 U2	40	219	40	180	45	31	ISO B	8	0.357
6660 40 E4	40	219	40	180	45	31	EURO	7.2	0.355
6660 40 A1	40	210	40	171	45	31	ARO	5.5	0.358

## Drilling Tool Selection for Quick Assembly Brackets

Further information on page 48 of this catalogue

Transair®	Tool Part Number
RA69 25 17	6698 02 02
RA69 40 25 RA69 50 25 RA69 63 25	6698 02 01 EW09 00 22
RR61 L1 08	EW09 00 30
RR61 L1 16	EW09 00 51
RR61 L3 08	EW09 00 30
RR61 L3 16	EW09 00 51
RR63 L8 12	EW09 00 51
RR63 L8 16	EW09 00 64
RR63 L8 20	EW09 00 70
RR63 L8 24	EW09 00 90

Transair®	Tool Part Number
RA65 25 04	6698 02 02
RA65 50 04 RA65 50 08 RA65 63 04 RA65 63 08	6698 02 01 EW09 00 22
6662 25 17 6662 25 00	6698 02 02
6662 40 17 6662 40 25 6662 50 25 6662 63 25	6698 02 01 EW09 00 22

Transair®	Tool Part Number
6661 25 21	6698 02 02
6661 40 21 6661 40 27 6661 50 21 6661 50 27 6661 63 21 6661 63 27 6661 63 21 6661 63 27	6698 02 01 EW09 00 22



# I PRESSURISED SYSTEM OUTLETS

I Ideal for fast assembly of new pressurised outlets, without venting the compressed air network.

I The drilling tool can be used with most standard drills.

We recommend, however, that the pipe work network is drained prior to the addition of an outlet.

Thanks to the lateral dismantling capability of Transair® pipe and the use of quick assembly brackets, this operation can be completed very quickly (less than 7 min. for a new outlet) and guarantees the interior cleanliness of the circuit.


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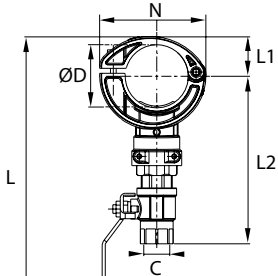
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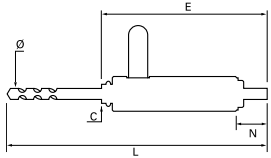


### PRESSURISED SYSTEM OUTLET

Transair®	ØD	C	L	L1	L2	N	Kg
EA98 06 01	25	G1/2	176	14	92	60	0.38
EA98 06 02	40	G1/2	216	46	99	84	0.657
EA98 06 04	50	G1/2	237	32	135	86	0.433
EA98 06 03	63	G1/2	249	39	140	100	0.61

Bracket with ball valve BSP G1/2"





### PRESSURISED SYSTEM DRILLING TOOL

Transair®	C	ØD	E	L	N	Kg
EA98 06 00	G1/2	13	154	330	30.5	0.820

Supplied with a spacer.

## Drilling Tool Selection for Quick Assembly Brackets

Further information on page 48 of this catalogue

Transair®	Tool Part Number
6669 25 21	6698 02 02
6669 40 21	6698 02 01 EW09 00 22
6669 40 27	
6669 50 21	
6669 50 27	
6669 63 21	
6669 63 27	
6660 25 U1	6698 02 02
6660 25 U2	
6660 25 E4	
6660 25 A1	
6660 40 U1	6698 02 01 EW09 00 22
6660 40 U2	
6660 40 E4	
6660 40 A1	

Transair®	Tool Part Number
EA98 06 01	EA98 06 00
EA98 06 02	6698 02 01
EA98 06 04	EW09 00 22
EA98 06 03	

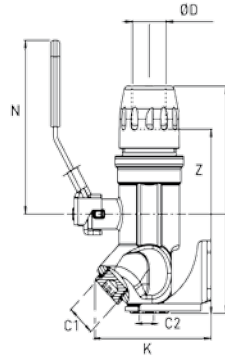


# WALL BRACKETS

- 1, 2 or 3 ports
- For wall or machine mounting
- Secondary outlet G1/4" for exhaust
- Supplied with end-caps

Full silicone-free range

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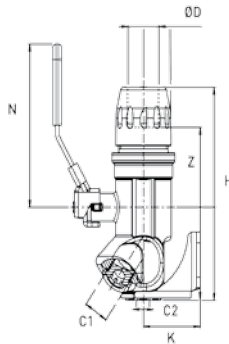


## 1 PORT 45° WALL BRACKET WITH BALL VALVE - BSP PARALLEL

Transair®	ØD	C1	C2	H	K	N	Z	Kg
6678 17 21	16.5	G1/2	G1/4	130	87	96	104	0.879
6678 25 21	25	G1/2	G1/4	153	86	117	124	1.502

Supplied with G1/2" end cap  
Lockable

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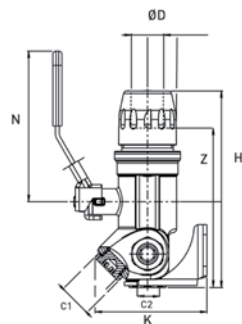


## 2 PORT 45° WALL BRACKET WITH BALL VALVE - BSP PARALLEL

Transair®	ØD	C1	C2	H	K	N	Z	Kg
6693 17 21	16.5	G1/2	G1/4	129	84.5	96	103	0.879
6693 25 21	25	G1/2	G1/4	152	84.5	117	104	1.467

Supplied with G1/2" end caps  
Lockable

Ø  
25

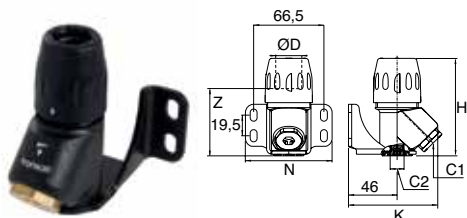


## 3 PORT WALL BRACKET WITH BALL VALVE - BSP PARALLEL

Transair®	ØD	C1	C2	H	K	N	Z	Kg
6637 25 21	25	G1/2	G1/4	153	84.5	117	124	1.449

Supplied with G1/2" end caps  
Lockable

Ø  
16.5  
25

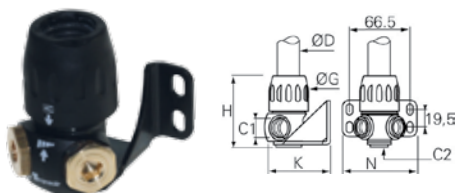


**1 PORT 45° WALL BRACKET - BSP PARALLEL**

Transair®	ØD	C1	C2	H	K	N	Z	Kg
6639 17 21	16.5	G1/2	G1/4	89.5	84.5	82	63.5	0.530
6639 25 21	25	G1/2	G1/4	92.5	84.5	82	63.5	0.535

Supplied with G1/2" end cap

Ø  
16.5  
25

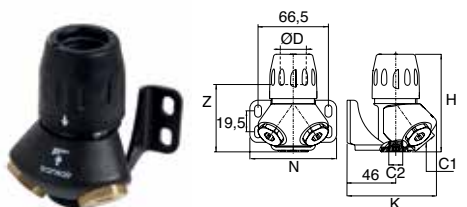


**2 PORT 90° WALL BRACKET - BSP PARALLEL**

Transair®	ØD	C1	C2	ØG	H	K	N	Kg
6681 17 21	16.5	G1/2	G1/4	34	65	74.5	82	0.422
6681 25 21	25	G1/2	G1/4	44.5	81	74.5	82	0.460

Supplied with G1/2" end caps

Ø  
16.5  
25

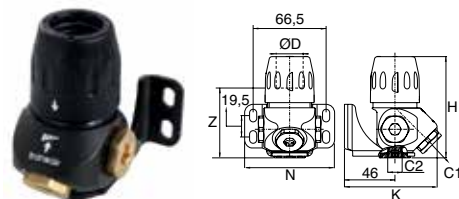


**2 PORT 45° WALL BRACKET - BSP PARALLEL**

Transair®	ØD	C1	C2	H	K	N	Z	Kg
6682 17 21	16.5	G1/2	G1/4	89.5	84.5	82	63.5	0.660
6682 25 21	25	G1/2	G1/4	92.5	84.5	82	63.5	0.680

Supplied with G1/2" end caps

Ø  
25

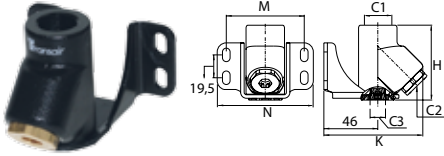


**3 PORT WALL BRACKET - BSP PARALLEL**

Transair®	ØD	C1	C2	H	K	N	Z	Kg
6695 25 21	25	G1/2	G1/4	92.5	84.5	82	63.5	0.725

Supplied with G1/2" end caps

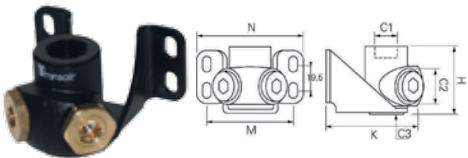
# WALL BRACKETS



## 1 PORT 45° THREADED WALL BRACKET - BSP PARALLEL

Transair®	C1	C2	C3	H	K	M	N	Kg
6641 21 21	G1/2	G1/2	G1/4	64	84.5	66.5	82	0.539

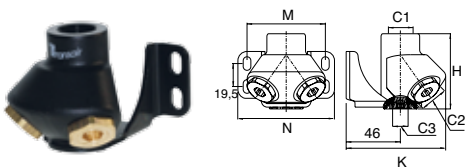
Supplied with G1/2" end cap



## 2 PORT 90° THREADED WALL BRACKET - BSP PARALLEL

Transair®	C1	C2	C3	H	K	M	N	Kg
6686 21 21	G1/2	G1/2	G1/4	48	72.5	66.5	82	0.415

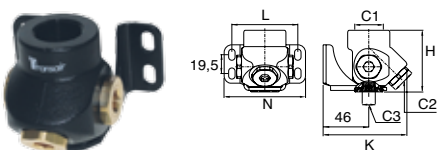
Supplied with G1/2" end caps



## 2 PORT 45° THREADED WALL BRACKET - BSP PARALLEL

Transair®	C1	C2	C3	H	K	M	N	Kg
6690 21 21	G1/2	G1/2	G1/4	64	84.5	66.5	82	0.672

Supplied with G1/2" end caps



## 3 PORT THREADED WALL BRACKET - BSP PARALLEL

Transair®	C1	C2	C3	H	K	N	Z	Kg
6635 27 21	G3/4	G1/2	G1/4	64	66.5	82	84.5	0.750

Supplied with G1/2" end-caps



Ø  
16.5  
25



**1 PORT 45° WALL BRACKET WITH COUPLER**

Transair®	ØD	Profile	Bore (mm)	Kg
6677 17 A1	16.5	ARO	5.5	0.661
6677 17 E4	16.5	EURO	7.2	0.664
6677 17 U1	16.5	ISO B	5.5	0.615
6677 17 U2	16.5	ISO B	8	0.668
6677 25 A1	25	ARO	5.5	0.658
6677 25 E4	25	EURO	7.2	0.661
6677 25 U1	25	ISO B	5.5	0.640
6677 25 U2	25	ISO B	8	0.665

Ø  
16.5  
25



**2 PORT 45° WALL BRACKET WITH COUPLERS**

Transair®	ØD	Profile	Bore (mm)	Kg
6692 17 A1	16.5	ARO	5.5	0.890
6692 17 E4	16.5	EURO	7.2	0.880
6692 17 U1	16.5	ISO B	5.5	0.830
6692 17 U2	16.5	ISO B	8	0.809
6692 25 A1	25	ARO	5.5	0.950
6692 25 E4	25	EURO	7.2	0.950
6692 25 U1	25	ISO B	5.5	0.846
6692 25 U2	25	ISO B	8	0.957

1/2" BSP parallel connection between the wall bracket and the composite safety coupler.

Couplers supplied with 6671 wall bracket .

Ø  
16.5  
25

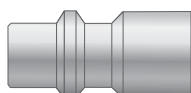


**2 PORT 90° WALL BRACKET WITH COUPLERS**

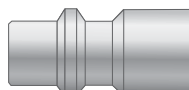
Transair®	ØD	Profile	Bore (mm)	Kg
6671 17 U1	16.5	ISO B	5.5	0.645
6671 17 U2	16.5	ISO B	8	0.682
6671 17 E4	16.5	EURO	7.2	0.698
6671 17 A1	16.5	ARO	5.5	0.700
6671 25 U1	25	ISO B	5.5	0.690
6671 25 U2	25	ISO B	8	0.755
6671 25 E4	25	EURO	7.2	0.745
6671 25 A1	25	ARO	5.5	0.735

1/2" BSP parallel connection between the wall bracket and the composite safety coupler.

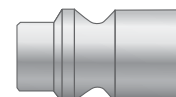
Couplers supplied with 6671 wall bracket .



ISO B



EURO 7,2



ARO 5,5

# TOOLS

Ø  
16.5  
↓  
63



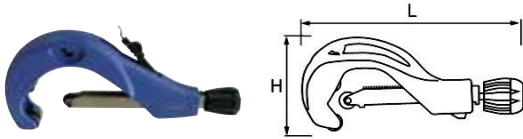
## TOOL CASE

Transair®	H	L	I	Kg
6698 00 05	315	290	105	5.300

Content of tool case 6698 00 05:

- Drilling jig 6698 01 03
- Drilling tools 6698 02 01 and 6698 02 02
- Cutter for rigid pipe 6698 03 01
- Deburring tool 6698 04 02
- Set of tightening spanners 6698 05 03
- Marking tool 6698 04 03
- Chamfer tool 6698 04 01

Ø  
16.5  
↓  
168

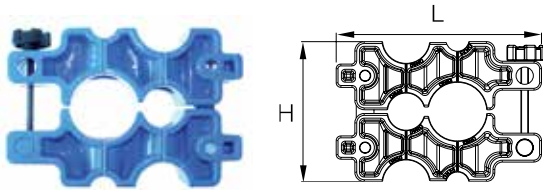


## TUBE CUTTER WITH DEBURRING TOOL

Transair®	L	H	Kg	For Transair® pipe
6698 03 01	230	98	0.886	Ø 16.5 - 25 - 40 - 50 - 63 - 76
EW08 00 03	600	300	2.000	Ø 100 - 168

Spare rotary blade for Transair® cutter 6698 03 01: EW08 00 99  
Spare rotary blade for Transair® cutter EW08 00 03: EW08 00 04

Ø  
25  
40  
50  
63

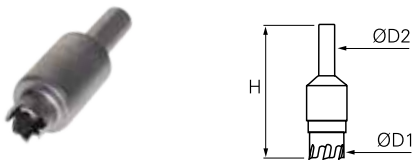


## DRILLING JIG FOR RIGID ALUMINIUM PIPE

Transair®	L	H	Kg	For Transair® pipe
6698 01 03	220	150	2.355	Ø 25 - 40 - 50 - 63

After drilling, it is necessary to deburr and clean the pipe.

Ø  
25  
40  
50  
63

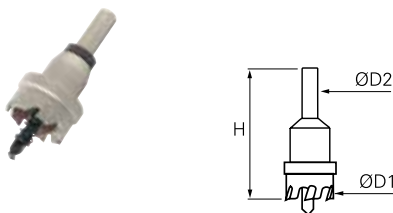


## DRILLING TOOL FOR RIGID ALUMINIUM PIPE

Transair®	ØD1	ØD2	H	Kg	For Transair® pipe
6698 02 02	16	13	77	0.143	Ø 25
6698 02 01	22	13	77	0.154	Ø 40 - 50 - 63

Drilling tool 6698 02 02 allows the installation of Ø25 Transair® brackets.  
Drilling tool 6698 02 01 allows the installation of Ø40, Ø50 or Ø63 Transair® brackets.  
It is also used to create the 2 holes needed for double-clamp ring connectors when cutting to length Ø. Both tools can be used with all types of drill, with the drilling tool 6698 01 03 at a maximum rotation speed of 650 tr/min.  
After drilling, it is necessary to deburr and clean the pipe.

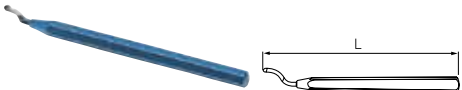
Ø  
40  
↓  
168




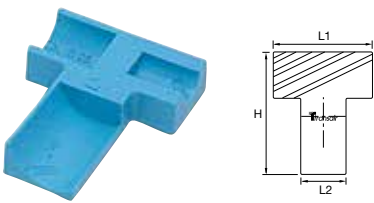
## DRILLING TOOL WITH CENTRING DRILL FOR ALUMINIUM PIPE

Transair®	ØD1	ØD2	H	Kg	For Transair® Pipe	Outlets
EW09 00 22	22	13	87	0.120	Ø 40 - 50 - 63	Ø25 - 1/2" - 3/4"
EW09 00 30	30	13	86	0.127	Ø 76 - 100	1"
EW09 00 51	51	13	83	0.325	Ø 76 - 100 - 168	1" 1/2 - 2"
EW09 00 64	64	13	85	0.407	Ø 168	2"
EW09 00 70	70	13	83	0.420	Ø 168	2" 1/2
EW09 00 90	90	13	86	0.600	Ø 168	3"

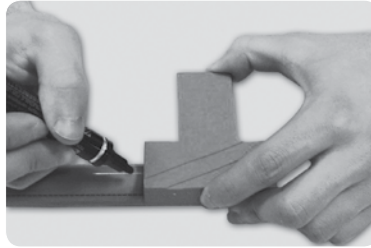
Thanks to its unique design, EW09 00 22 drilling tool may be used to carefully drill pipes without use of jig 6698 02 01.  
Both tools can be used on any type of drilling machine, without the drilling jig, at a maximum rotation speed of 450 tr/min for the aluminium pipes.  
After drilling, it is necessary to deburr and clean the pipe.


$\emptyset$ 16.5 ↓ 100		<b>DEBURRING TOOL FOR RIGID ALUMINIUM PIPE</b>		
		Transair®	L	Kg
		6698 04 02	140	0.026

$\emptyset$ 16.5 25 40		<b>CHAMFER TOOL FOR RIGID ALUMINIUM PIPE</b>		
		Transair®	H	Kg
		6698 04 01	64	0.104

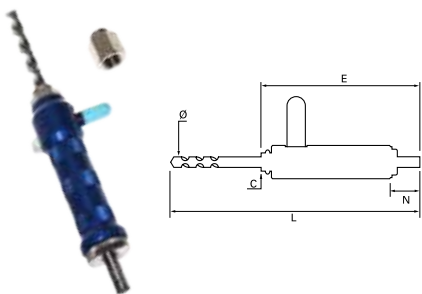
$\emptyset$ 16.5 25 40		<b>MARKING TOOL FOR RIGID ALUMINIUM PIPE</b>				
		Transair®	H	L1	L2	Kg
		6698 04 03	88	73	33	0.042

The marking tool enables connection guidelines to be marked on cut lengths of Transair® pipe. These marks indicate the insertion limits of the pipe into each fitting in order to ensure good airtight connection and security of grip.



$\emptyset$ 50 63		<b>SET OF TIGHTENING SPANNERS FOR Ø50 AND Ø63</b>	
		Transair®	Kg
		6698 05 03	0,789

This set includes 2 tightening spanners.

$\emptyset$ 25 40 50 63		<b>PRESSURISED SYSTEM DRILLING TOOL</b>						
		Transair®	C	ØD	E	L	N	Kg
		EA98 06 00	G1/2	13	154	330	30.5	0.820

Supplied with a spacer.

Ø  
76  
100  
168

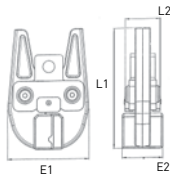


## PORTABLE TOOL KIT

Transair®	V	Kg
EW01 00 01	220	9.240
EW01 00 03	110	9.240

This case contains: 1 portable tool, 1 14.4 V battery and 1 battery charger.

Ø  
76  
100  
168



## JAW SET FOR PORTABLE TOOL

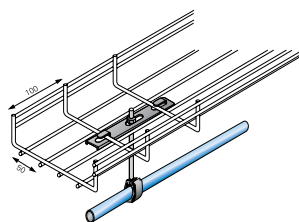
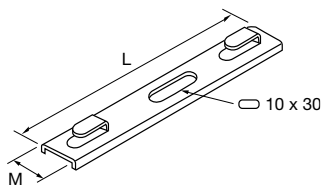
Transair®	ØD	E1	E2	L1	L2	Kg
EW02 L1 00	76	103	52	154	46	2.603
EW02 L3 00	100	103	71	154	46	2.868
EW02 L8 00	168	103	71	154	46	2.800

Ø  
76  
100  
168



## 14.4V BATTERY FOR PORTABLE TOOL

Transair®	Voltage	Type	Kg
EW03 00 01	14,4V	NiCd	0,690

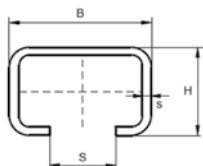
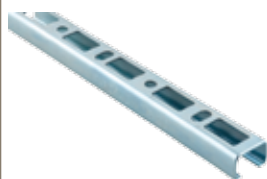


## FIXTURE FOR CABLE TRAY

Transair®	L	M	Kg
6699 10 03	140	22	0.036

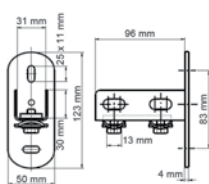
Ø tray metal rod: from 4 to 6mm.

# FIXTURES AND ACCESSORIES



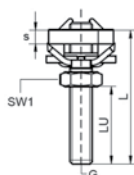
## U-CHANNEL

Transair®	L	H	B	Kg
6699 01 01	2000	30	30	1.584



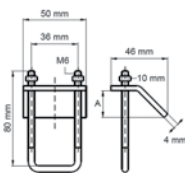
## U-CHANNEL FIXING BRACKET

Transair®	L	H	Kg
6699 01 02	50	123	0.176



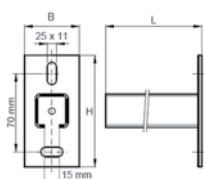
## U-CHANNEL HAMMERFIX NUT

Transair®	L	G	Clip ØD	Kg
6699 01 03	50	M10	50 - 63 - 76 - 100	0.050
6699 01 04	40	M8	16.5 - 25 - 40	0.020



## U CHANNEL FIXTURE BRACKET FOR FIXING ON RSJ

Transair®	L	H	Kg
6699 03 02	50	80	0.080



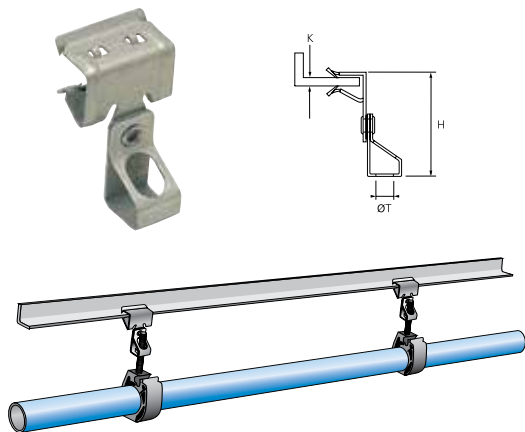
## CANTILEVER ARM

Transair®	B	H	L	Kg
6699 01 06	48	110	500	0.400

The use of this adaptor facilitates the suspension of Transair® from M10 threaded rod.

# FIXTURES AND ACCESSORIES

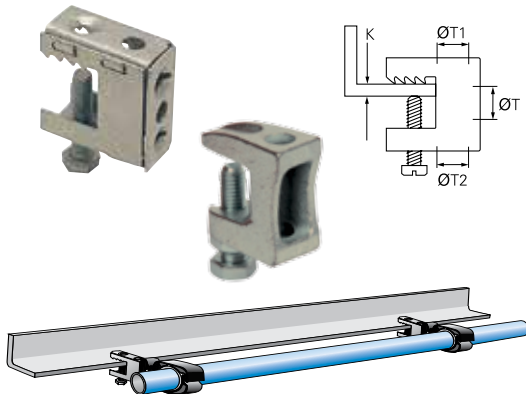
∅  
16.5  
↓  
100



## PUSH-ON TYPE BEAM CLAMP

Transair®	H	K	ØT	Max. carrying load (kg)	Kg
6699 02 01	44	1.5 à 3	M8	68	0.022
6699 02 02	46	3 à 8	M8	68	0.029
6699 02 03	54	8 à 14	M8	68	0.030
6699 02 04	66	14 à 20	M8	68	0.031
6699 02 05	44	1.5 à 3	M10	68	0.020
6699 02 06	46	3 à 8	M10	68	0.031

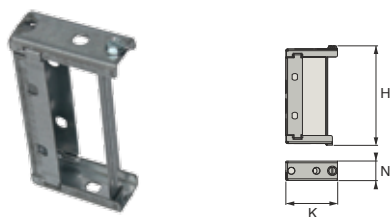
∅  
16.5  
↓  
100



## SCREW TYPE BEAM CLAMP

Transair®	ØT2	ØT	ØT1	K	Max. carrying load (kg)	Kg
6699 03 01	10.7	6.5	10.7	18	45	0.030

Transair®	For screw	Kg
ER99 06 02	M8	0.080
ER99 06 03	M10	0.140



## FIXTURE FOR CANALIS

Transair®	Profile	H	K	N	Kg
6699 10 01	KN	118	61	23	0.102
6699 10 02	KS	181.5	151	30	0.120



## THREADED ROD KIT

Transair®	C	Kg
ER99 05 02	M8	3.550
ER99 05 03	M10	5.250

Contains 10 threaded rods 1 metre length, 50 nuts and 10 threaded connectors.

# I FRL, AUTOMATIC DRAINS AND ACCESSORIES

Transair® FRLs are ideal for general purpose use and can be fitted downstream of the compressed air installation and at the take-off point on workstations and machines.

- I Air quality at FRL inlet: dry, damp, lubricated
- I Transair® FRL products are guaranteed silicone free
- I Chemical resistance to compressor oils



## FILTER REGULATOR LUBRICATOR WITH GAUGE

Transair®	C	Recommended Flow	Bowl Capacity	Max. Inlet Pressure	Max. Outlet Pressure	T°C at 10 bar	Filtration	Kg
6708 00 13	G1/4	33 m³/h	22 cm³	16 bar	8 bar	0°C to +50°C	30 µm	0.779
6708 00 21	G1/2	114 m³/h	50 cm³	16 bar	8 bar	0°C to +50°C	30 µm	1.316

Semi-automatic condensate drainage



## FILTER REGULATOR

Transair®	C	Recommended Flow	Bowl Capacity	Max. Inlet Pressure	Max. Outlet Pressure	T°C at 10 bar	Filtration	Kg	Associated Gauge
6700 00 13	G1/4	33 m³/h	22 cm³	16 bar	8 bar	0°C to +50°C	30 µm	0.342	6798 00 05
6700 00 21	G1/2	114 m³/h	50 cm³	16 bar	8 bar	0°C to +50°C	30 µm	0.721	6798 00 06

Semi-automatic condensate drainage



## REGULATOR

Transair®	C	Recommended Flow	Max. Inlet Pressure	Max. Outlet Pressure	Temperature	Kg	Associated Gauge
6701 00 13	G1/4	33 m³/h	16 bar	8 bar	0°C à +60°C	0,315	6798 00 05
6701 00 21	G1/2	114 m³/h	16 bar	8 bar	0°C à +60°C	0,420	6798 00 06

# FRL, AUTOMATIC DRAIN AND ACCESSORIES

All these products can be easily connected to Transair®, compressed air pipework systems using the following Transair® stud fittings:

I 6605 17 13 or 6609 17 13 for G1/4" port

I 6605 17 21 or 6609 / 6619 25 21 for G1/2" port



## FILTER SEPARATOR

Transair®	C	Recommended Flow	Bowl Capacity	Max. Inlet Pressure	Max. Outlet Pressure	T°C at 10 bar	Filtration	Kg
6702 00 13	G1/4	33m³/h	22cm³	16 bar	8 bar	0°C à +50°C	30 µm	0.275
6702 00 21	G1/2	114m³/h	50cm³	16 bar	8 bar	0°C à +50°C	30 µm	0.510

Semi-automatic condensate drainage



## LUBRICATOR

Transair®	C	Max. Inlet Pressure	Max. Outlet Pressure	T°C at 10 bar	Oil Capacity	Kg
6703 00 13	G1/4	16 bar	8 bar	0°C à +50°C	45cm³	0.287
6703 00 21	G1/2	16 bar	8 bar	0°C à +50°C	112cm³	0.531

Oil mist lubricator  
Semi-automatic condensate drainage





### AUTOMATIC DRAIN

Transair®	C	Kg
6706 00 21	G1/2	0.340

Automatic condensate drain with float.



### PRESSURE GAUGE

Transair®	C	Ø Face mm	Kg	Associated FRL
6798 00 05	G1/8	40	0.077	6700 00 13 - 6701 00 13
6798 00 06	G1/4	50	0.098	6700 00 21 - 6701 00 21

To be mounted on the front face of filter regulator 6700 and regulator 6701.



### PROTECTION BOWL

Transair®	C	Kg
6798 00 07	G1/4	0.070
6798 00 08	G1/2	0.180

To be used with filter regulator, filter separator and filter regulator lubricator set. Equipped with snap mounting.



### MOUNTING BRACKETS

Transair®	C	Kg
6798 00 01	G1/4	0.141
6798 00 02	G1/2	0.133

For wall or machine fixing  
Screws supplied  
Wall fixing-to-centre: 46mm [compatible with Transair® fixing clips 6697]



### ASSEMBLY KIT

Transair®	C	Kg
6798 00 03	G1/4	0.019
6798 00 04	G1/2	0.029

To join separate FRL units.

# HOSE REELS – BLOWGUN - RECOIL TUBING

## Hose reels

- Optimise productivity and the safety of your work area
- Prevent hose damage occurring on the workshop floor

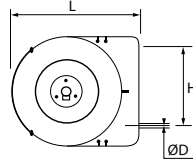
## Polyurethane Recoil Tubing

- Perfectly suited to installations requiring flexibility in a reduced space
- Fluid: compressed air
- Max. working pressure at 20°C: 10 bar

- Working temperature: -15°C to +70°C

## Blowgun

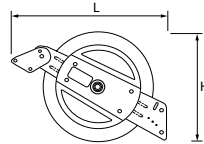
- Dusting, cooling and drying components
- Removing swarf, Cleaning machinery
- Max. working pressure: 10 bar
- Working temperature: -15°C to +50°C
- OSHA certified



## HOSE REEL ENCLOSED CASE

Transair®	ØD	Hose Length (m)	Hose i.d. (mm)	Max. Pressure (bar)	H	L	Kg
6698 10 01	6	10	8	15	170	350	3.400
6698 10 02	10.5	16	8	15	251	470	6.440

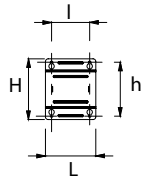
Hose clutch with free return  
 Hose length upstream: 1,50m  
 Input connection: bare pipe - Output connection: 1/4" male



## HOSE REEL OPEN CASE

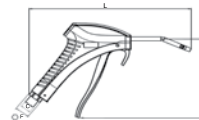
Transair®	Hose Length (m)	Hose i.d. (mm)	Max. Pressure (bar)	H	L	Kg
6698 11 01	20	10	20	425	480	11.740

Hose clutch with free return  
 Input connection: 1/2" female - Output connection: 3/8" male



## PIVOTING BRACKET

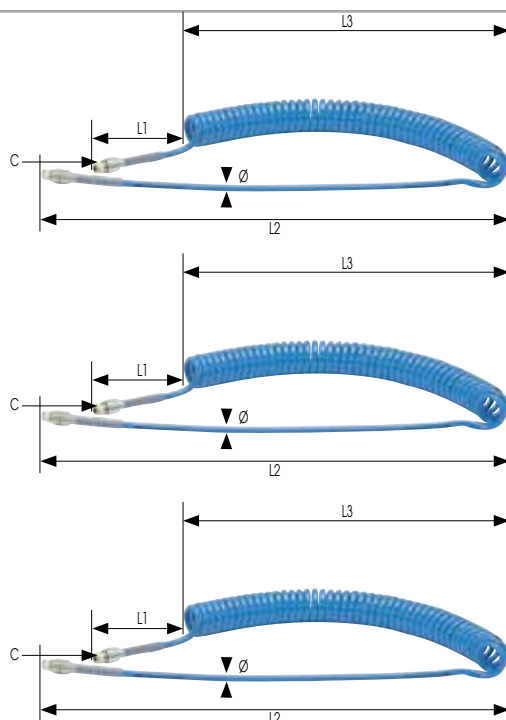
Transair®	Used with Hose Reel	h	H	I	L	Kg
6698 11 98	6698 11 01	196	225	140	185	2.491



## BLOWGUN

Transair®	C	Ø	H	L	Kg
EA59 00 13	G1/4	3.5	120	223	0.107

## PU RECOIL TUBING - EXTENDED LENGTH 2 M, 4 M, 6 M



Transair®	Øout.	Øin.	C	L1	L2	L3	Ø	Kg
1470U06 04 13TR	6	4	R1/4	100	300	630	32	0.178
1470U08 04 13TR	8	5	R1/4	100	500	780	42	0.235
1470U10 04 13TR	10	7	R1/4	100	500	780	62	0.448
1470U12 04 17TR	12	8	R3/8	100	500	780	65	0.502

Transair®	Øout.	Øin.	C	L1	L2	L3	Ø	Kg
1471U06 04 13TR	6	4	R1/4	100	300	850	32	0.243
1471U08 04 13TR	8	5	R1/4	100	500	1000	42	0.343
1471U10 04 13TR	10	7	R1/4	100	500	1000	62	0.660
1471U12 04 17TR	12	8	R3/8	100	500	990	65	0.737

Transair®	Øout.	Øin.	C	L1	L2	L3	Ø	Kg
1472U08 04 13TR	8	5	R1/4	100	500	1230	42	0.460
1472U10 04 13TR	10	7	R1/4	100	500	1140	62	0.828
1472U12 04 17TR	12	8	R3/8	100	500	1190	65	0.900

# HOSES AND TAILPIECE ADAPTORS

## Braided PVC Hose

- Resistant and suitable for direct supply to machinery and hose reels, etc.
- Fluid: compressed air
- Max. working pressure at 23°C: 20 bar
- Working temperature: from -15°C to +60°C

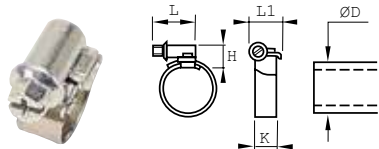
25 m



### BRAIDED BLUE PVC HOSE 25M

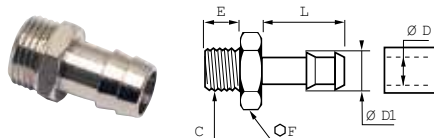
Transair®	Øout.	Øin.	Bend Radius	Kg
1025V12 04 06TR	12	6	50	3.080
1025V14 04 08TR	14	8	65	3.280
1025V16 04 10TR	16	10	75	4.040
1025V20 04 13TR	20	13	90	5.360
1025V24 04 16TR	24	16	125	8.820
1025V28 04 20TR	28	20	170	8.950
1025V34 04 25TR	34	25	219	12.425
1025V41 04 32TR	41	32	350	15.725
1025V50 04 40TR	50	40	420	21.625

### CLIP FOR BRAIDED PVC HOSE



Transair®	ØD	H	K	L	L1	Kg
0697 00 02TR	12-14	12	9	21	13	0.012
0697 00 03TR	16	12	9	24	13	0.014
0697 00 04TR	20	12	9	24	13	0.015
0697 00 05TR	24	12	9	24	13	0.016
0697 00 06TR	28	12	9	24	13	0.016
0697 00 07TR	34	12	9	26	13	0.018
0697 00 08TR	41	12	9	26	13	0.019
0697 00 09TR	50	12	9	26	13	0.021

### TAILPIECE ADAPTOR FOR PVC HOSE MALE BSP PARALLEL




Transair®	ØD	ØDI	C	E	F	L	Kg
EF26 06 01	6	7	G1/8	6	12	20	0.009
EF26 06 02	6	7	G1/4	8	17	21	0.013
EF26 08 02	8	9	G1/4	8	17	21	0.014
EF26 08 03	8	9	G3/8	9	19	21	0.023
EF26 10 02	10	12	G1/4	8	14	20	0.016
EF26 10 03	10	12	G3/8	9	19	20	0.024
EF26 10 04	10	12	G1/2	10	22	20	0.032
EF26 13 02	13	15	G1/4	8	17	21	0.029
EF26 13 03	13	15	G3/8	9	19	22	0.027
EF26 13 04	13	15	G1/2	10	24	25	0.041
EF26 16 03	16	18	G3/8	9	19	21	0.037
EF26 16 04	16	18	G1/2	10	24	25	0.043
EF26 20 06	20	20	G3/4	13	22	37	0.087
EF26 25 08	25	25	G1"	15	28	37	0.130
EF26 32 10	32	32	G1"1/4	17	37	46	0.211
EF26 40 12	40	40	G1"1/2	17	43	46	0.262

Supplied with captive sealing washer.  
Ideally suited for use with Transair® PVC hose.

# COMPOSITE AUTOMATIC SAFETY COUPLERS

- ▮ To securely connect and disconnect devices and tools from Transair® quick assembly brackets or wall brackets
- ▮ Very high flow, extremely low pressure loss
- ▮ Lightweight and robust
- ▮ Improved hand grip
- ▮ Fast vent time
- ▮ Male thread with integral seal

For heavy duty or dusty applications, we recommend the use of the automatic metal couplers (pages 60/61).

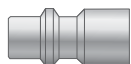
ISO B 5.5 mm		<b>MALE BODY, BSP PARALLEL</b>		<b>FEMALE BODY, BSP PARALLEL</b>		<b>BODY WITH HOSETAIL</b>																				
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SAFETY

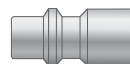
ISO B 5,5 mm

ISO 6150 B  
AFNOR NF 49-053  
US.MIL.C4109  
CEJN 310  
RECTUS 23-24



ISO B 8 mm

ISO 6150 B  
AFNOR NF 49-053  
US.MIL.C4109  
CEJN 430  
RECTUS 30



EURO 7,2 mm

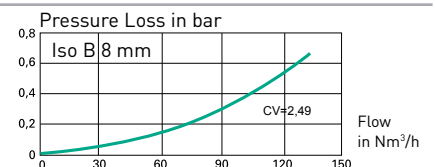
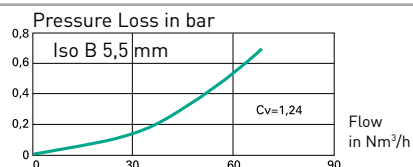
CEJN 320  
RECTUS 25-26



ARO 5,5 mm

ARO 210  
CEJN 300  
ORION 44510  
PARKER 50  
RECTUS 14-22

## FLOW CURVES - PRESSURE LOSS



Transair® composite automatic couplers disconnect by a double twist of the sleeve – a safety feature that breaks deliberately with common practice in order to avoid accidental disconnection.


100% safety - ISO 4414

1st rotation in direction of the arrow : circuit rapidly flushed out, probe side.



2nd rotation in direction of the arrow : safe disconnection of body and probe.


**ISO B  
5.5 mm**



**MALE PROBE,  
BSP PARALLEL**


Transair®	C
CA87 U1 02	G1/4
CA87 U1 03	G3/8
CA87 U1 04	G1/2

**FEMALE PROBE,  
BSP PARALLEL**




Transair®	C
CA86 U1 02	G1/4
CA86 U1 03	G3/8
CA86 U1 04	G1/2

**PROBE WITH  
HOSETAIL**



Transair®	ØD
CA94 U1 06	6
CA94 U1 08	8
CA94 U1 10	10


**ISO B  
8 mm**



**MALE PROBE,  
BSP PARALLEL**


Transair®	C
CA87 U2 02	G1/4
CA87 U2 03	G3/8
CA87 U2 04	G1/2

**FEMALE PROBE,  
BSP PARALLEL**




Transair®	C
CA86 U2 02	G1/4
CA86 U2 03	G3/8
CA86 U2 04	G1/2

**PROBE WITH  
HOSETAIL**



Transair®	ØD
CA94 U2 08	8
CA94 U2 10	10
CA94 U2 13	13


**EURO  
7.2 mm**



**MALE PROBE,  
BSP PARALLEL**


Transair®	C
CA87 E4 02	G1/4
CA87 E4 03	G3/8
CA87 E4 04	G1/2

**FEMALE PROBE,  
BSP PARALLEL**




Transair®	C
CA86 E4 02	G1/4
CA86 E4 03	G3/8
CA86 E4 04	G1/2

**PROBE WITH  
HOSETAIL**



Transair®	ØD
CA94 E4 08	8
CA94 E4 10	10
CA94 E4 13	13


**ARO  
5.5 mm**



**MALE PROBE,  
BSP PARALLEL**


Transair®	C
CA87 A1 02	G1/4
CA87 A1 03	G3/8
CA87 A1 04	G1/2

**FEMALE PROBE,  
BSP PARALLEL**

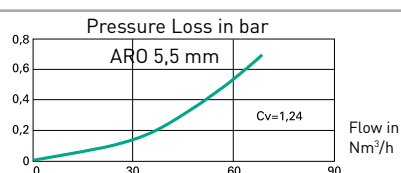
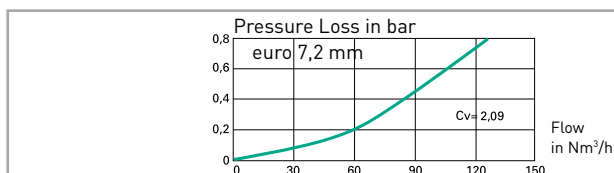


Transair®	C
CA86 A1 02	G1/4
CA86 A1 03	G3/8
CA86 A1 04	G1/2

**PROBE WITH  
HOSETAIL**



Transair®	ØD
CA94 A1 06	6
CA94 A1 08	8
CA94 A1 10	10



# METAL AUTOMATIC SAFETY COUPLERS

! Safety: disconnection in 2 stages

! Suitable Fluids:

- models ISO B 6 and 8mm:  
compressed air, vacuum, inert gas
- models ISO C 6, 8 and 11mm:  
compressed air, vacuum, inert gas


! Max. working pressure:

- models ISO B 6 and 8 mm: 16 bar
- models ISO C 6, 8 and 11 mm: 12, 10 and 8 bar

**ISO B  
6  
8  
mm**

**MALE BODY,  
BSP TAPER**


Transair®	C	DN
9D05 09 13P4	R1/4	5.5
9D05 09 17P4	R3/8	5.5
9D05 09 21P4	R1/2	5.5
9D05 10 13P4	R1/4	8
9D05 10 17P4	R3/8	8
9D05 10 21P4	R1/2	8



**SAFETY**


**FEMALE BODY,  
BSP PARALLEL**

Transair®	C	DN
9D14 09 13P4	G1/4	5.5
9D14 09 17P4	G3/8	5.5
9D14 09 21P4	G1/2	5.5
9D14 10 13P4	G1/4	8
9D14 10 17P4	G3/8	8
9D14 10 21P4	G1/2	8



**BODY WITH HOSETAIL**


Transair®	ØD	DN
9D21 09 06P4	6	5.5
9D21 09 08P4	8	5.5
9D21 09 10P4	10	5.5
9D21 10 08P4	8	8
9D21 10 10P4	10	8



**ISO C  
6  
8  
11  
mm**

**MALE BODY,  
BSP PARALLEL**


Transair®	C	DN
9D01 01 13P483	G1/4	5.5
9D01 01 17P483	G3/8	5.5
9D01 01 21P483	G1/2	5.5
9D01 02 13P483	G1/4	8
9D01 02 17P483	G3/8	8
9D01 02 21P483	G1/2	8



**SAFETY**


**FEMALE BODY,  
BSP PARALLEL**

Transair®	C	DN
9D14 01 13P483	G1/4	5.5
9D14 01 17P483	G3/8	5.5
9D14 01 21P483	G1/2	5.5
9D14 02 13P483	G1/4	8
9D14 02 17P483	G3/8	8
9D14 02 21P483	G1/2	8
9D14 03 17P483	G3/8	11
9D14 03 21P483	G1/2	11



**BODY WITH HOSETAIL**

Transair®	ØD	DN
9D21 01 06P483	6	5.5
9D21 01 08P483	8	5.5
9D21 01 09P483	9	5.5
9D21 01 13P483	13	5.5
9D21 02 10P483	10	8
9D21 02 13P483	13	8
9D21 03 13P483	13	11
9D21 03 16P483	16	11



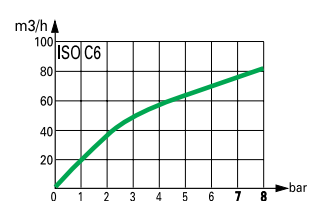
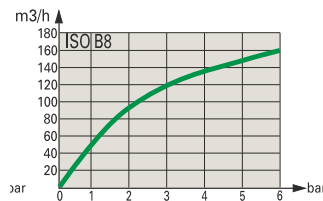
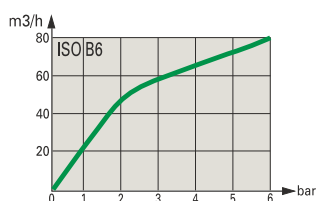

**ISO B 6 mm**  
ISO 6150 B  
US.MIL.C4109  
CEJN 310-430  
RECTUS 23-24-30



**ISO B 8 mm**  
ISO 6150 B  
NF E49-053  
CEJN 29-381  
RECTUS 18-84



**ISO C 6 mm**  
ISO 6150 C  
NF E49-053  
CEJN 291  
RECTUS 18


▮ Vacuum:

- models ISO B 6 and 8mm:  
99% (10 mbar absolute pressure)
- models ISO C 6, 8 and 11mm:  
99% (10 mbar absolute pressure)

▮ Working Temperature:


- models ISO B 6 and 8mm safety version:  
from -20°C to +90°C
- models ISO C 6, 8 and 11mm safety version:  
from -20°C to +60°C

**ISO B  
5.5 mm**




**MALE PROBE,  
BSP PARALLEL**

Transair®	C
CA87 U1 02	G1/4
CA87 U1 03	G3/8
CA87 U1 04	G1/2



**FEMALE PROBE,  
BSP PARALLEL**


Transair®	C
CA86 U1 02	G1/4
CA86 U1 03	G3/8
CA86 U1 04	G1/2



**PROBE WITH  
HOSETAIL**


Transair®	ØD
CA94 U1 06	6
CA94 U1 08	8
CA94 U1 10	10

**ISO B  
8 mm**




**MALE PROBE,  
BSP PARALLEL**

Transair®	C
CA87 U2 02	G1/4
CA87 U2 03	G3/8
CA87 U2 04	G1/2



**FEMALE PROBE,  
BSP PARALLEL**

Transair®	C
CA86 U2 02	G1/4
CA86 U2 03	G3/8
CA86 U2 04	G1/2




**PROBE WITH  
HOSETAIL**

Transair®	ØD
CA94 U2 08	8
CA94 U2 10	10
CA94 U2 13	13

**ISO C  
6  
8  
11  
mm**


**MALE PROBE,  
BSP PARALLEL**

Transair®	C	DN
9A87 01 10X099	G1/8	5.5
9A87 01 13X099	G1/4	5.5
9A87 01 17X099	G3/8	5.5
9A87 02 13X099	G1/4	8
9A87 02 17X099	G3/8	8
9A87 02 21X099	G1/2	8
9A87 03 17X099	G3/8	11
9A87 03 21X099	G1/2	11




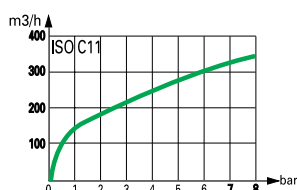
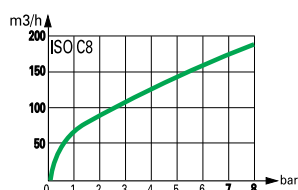
**FEMALE PROBE,  
BSP PARALLEL**

Transair®	C	DN
9A86 01 10X099	G1/8	5.5
9A86 01 13X099	G1/4	5.5
9A86 01 70X099	M14 x1.25	5.5
9A86 02 13X099	G1/4	8
9A86 02 17X099	G3/8	8
9A86 02 21X099	G1/2	8
9A86 03 17X099	G3/8	11
9A86 03 21X099	G1/2	11



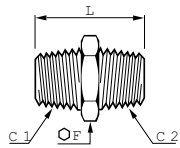
**PROBE WITH HOSETAIL**

Transair®	ØD	DN
9A94 01 06X099	6	5.5
9A94 01 08X099	8	5.5
9A94 01 10X099	10	5.5
9A94 01 13X099	13	5.5
9A94 02 06X099	6	8
9A94 02 08X099	8	8
9A94 02 10X099	10	8
9A94 02 13X099	13	8
9A94 03 08X099	8	11
9A94 03 13X099	13	11
9A94 03 16X099	16	11

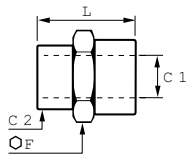
# CONNECTION ACCESSORIES

- I Nickel-plated brass
- I BSP parallel and taper



## STRAIGHT MALE BSP TAPER, EQUAL/UNEQUAL ADAPTOR

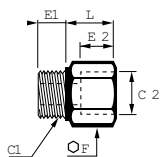
Transair®+	C1	C2	F	L	Kg
EF00 00 02	R1/4	R1/4	14	27	0.018
EF00 02 03	R1/4	R3/8	17	27.5	0.026
EF00 02 04	R1/4	R1/2	22	30.5	0.046
EF00 03 04	R3/8	R1/2	22	31	0.046
EF00 00 04	R1/2	R1/2	22	33.5	0.045
EF00 04 06	R1/2	R3/4	27	37.5	0.084
EF00 00 06	R3/4	R3/4	27	40	0.090
EF00 06 08	R3/4	R1"	34	43	0.143
EF00 00 08	R1"	R1"	34	45.5	0.153



## STRAIGHT FEMALE BSP PARALLEL, EQUAL/UNEQUAL ADAPTOR

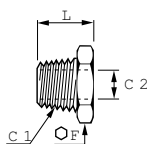
Transair®	C1	C2	F	L	Kg
EF02 00 02	G1/4	G1/4	17	22	0.020
EF02 02 03	G1/4	G3/8	22	23	0.031
EF02 00 03	G3/8	G3/8	22	24	0.034
EF02 02 04	G1/4	G1/2	27	27	0.032
EF02 03 04	G3/8	G1/2	27	27.5	0.036
EF02 00 04	G1/2	G1/2	27	30	0.050
EF02 04 06	G1/2	G3/4	30	30	0.077
EF02 00 06	G3/4	G3/4	30	32	0.079





**INCREASER MALE BSP TAPER TO FEMALE BSP PARALLEL**

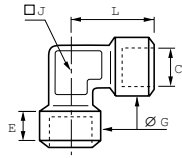
Transair®	C1	C2	E1	E2	F	L	Kg
EF06 02 03	R1/4	G3/8	8	11.5	22	14.5	0.031
EF06 02 04	R1/4	G1/2	8	15	27	18	0.036
EF06 03 04	R3/8	G1/2	9	15	27	18	0.053
EF06 04 06	R1/2	G3/4	11.5	10.5	29	24	0.043
EF06 04 08	R1/2	G1"	11.5	12	36	26.5	0.069
EF06 06 08	R3/4	G1"	13	12.5	36	28	0.074
EF06 08 10	R1"	G1"1/4	15	14	45	32	0.120



**REDUCER MALE BSP TAPER TO FEMALE BSP PARALLEL**

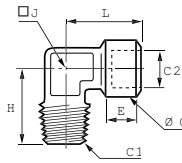
Transair®	C1	C2	F	L	Kg
EF04 01 02	R1/4	G1/8	14	16	0.010
EF04 02 03	R3/8	G1/4	17	16.5	0.014
EF04 02 04	R1/2	G1/4	22	19.5	0.036
EF04 03 04	R1/2	G3/8	22	19.5	0.027
EF04 04 06	R3/4	G1/2	27	23.5	0.050

# CONNECTION ACCESSORIES



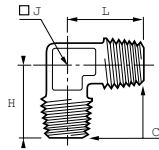
**EQUAL FEMALE ELBOW BSP PARALLEL**

Transair®	C	E	G	J	L	Kg
EF12 00 04	G1/2	14	26	21	33.5	0.105



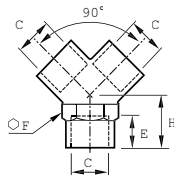
**EQUAL FEMALE STUD ELBOW BSP PARALLEL, MALE BSP TAPER**

Transair®	C1	C2	E	G	H	J	L	Kg
EF13 00 02	R1/4	G1/4	11	17	23.5	13	25.5	0.034
EF13 00 04	R1/2	G1/2	14	26	31	21	33.5	0.089



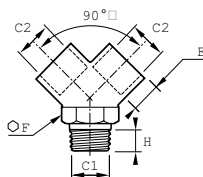
**EQUAL MALE STUD ELBOW BSP TAPER**

Transair®	C	H	J	L	Kg
EF14 00 04	R1/2	31	21	31	0.070



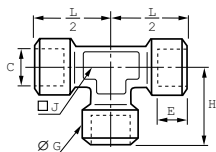
**EQUAL Y FEMALE BSP PARALLEL**

Transair®	C	E	F	H	Kg
EF10 00 04	G1/2	14	25	19	0.089



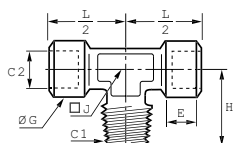
**EQUAL Y FEMALE BSP PARALLEL, MALE BSP TAPER**

Transair®	C1	C2	E	F	H	Kg
EF11 00 04	R1/2	G1/2	14	25	19	0.101



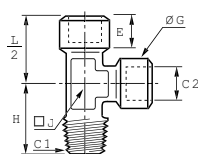
**EQUAL FEMALE TEE BSP PARALLEL**

Transair®	C	E	G	H	J	L/2	Kg
EF15 00 04	G1/2	14	26	33.5	21	33.5	0.144



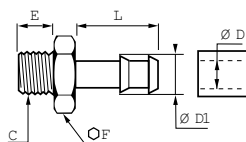
**MALE STUD BRANCH TEE, FEMALE BSP PARALLEL, MALE BSP TAPER**

Transair®	C1	C2	E	G	H	J	L/2	Kg
EF16 00 04	R1/2	G1/2	14	26	31	21	33.5	0.129



**MALE STUD RUN TEE, FEMALE BSP PARALLEL, MALE BSP TAPER**

Transair®	C1	C2	E	G	H	J	L/2	Kg
EF17 00 02	R1/4	G1/4	11	17	23.5	13	25.5	0.051
EF17 00 04	R1/2	G1/2	14	26	31	21	33.5	0.127



**TAILPIECE ADAPTOR FOR PVC HOSE MALE BSP PARALLEL**

Transair®	ØD	ØD1	C	E	F	L	Kg
EF26 06 01	6	7	G1/8	6	12	20	0.009
EF26 06 02	6	7	G1/4	8	17	21	0.013
EF26 08 02	8	9	G1/4	8	17	21	0.014
EF26 08 03	8	9	G3/8	9	19	21	0.023
EF26 10 02	10	12	G1/4	8	14	20	0.016
EF26 10 03	10	12	G3/8	9	19	20	0.024
EF26 10 04	10	12	G1/2	10	22	20	0.032
EF26 13 02	13	15	G1/4	8	17	21	0.029
EF26 13 03	13	15	G3/8	9	19	22	0.027
EF26 13 04	13	15	G1/2	10	24	25	0.041
EF26 16 03	16	18	G3/8	9	19	21	0.037
EF26 16 04	16	18	G1/2	10	24	25	0.043
EF26 20 06	20	20	G3/4	13	22	37	0.087
EF26 25 08	25	25	G1"	15	28	37	0.130
EF26 32 10	32	32	G1"1/4	17	37	46	0.211
EF26 40 12	40	40	G1"1/2	17	43	46	0.262

Supplied with captive sealing washer. Ideally suited for use with Transair® PVC hose (page 57 of this catalogue).