

## Product Catalogue



SS with Engineering Plastic Fittings

Redefining Modular Piping

[www.canares.com](http://www.canares.com)



**Quickair™** boasts of Loyal customers across all industrial vertical such as Electrical, Semi-conductor, Food & Pharma Textiles, Engineering, etc.

Few of our biggest customers are



and much more...



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## Intruduction

For over 26 years industries have relied upon **Quickair™** for most innovative and dependable modular piping and flow control solutions.

From inception over 26 years ago **Quickair™** has grown to be a major international business with representation all around the world.

We are recognized as designing and building the most reliable product backed up by highly acclaimed customer service.

A genuine long term commitments to customers & partners, under pins our culture engineering excellence making **Quickair™** a consistently dependable choice for products and service

### Committed to Innovation

Throughout the company's history our engineers have focused on solving customer challenges and developing new solutions with levels of engineering skills and creativity that our competitors still can't match

Some innovation of adopted immediately, whilst other may require thousands of hours of testing and certification before they can be offer to our customers with every products **Quickair™** develops we can be sure of one thing, the quality and reliability are an integral part.

# Quickair™

Modular Piping System

Aluminium | Stainless Steel | Pex

3

## Standards, Approvals And Guarantees

It is Canares policy to provide a range of products and services which meets or exceed, the requirements of our customers in respect of quality, cost and delivery.

### Guarantees

Our policy of continuously and rigorously testing **Quickair™** fittings means we are confident they will give you years of trouble free service. To demonstrate the total confidence we have in our products and our commitment to customer service all **Quickair™** fittings are guaranteed against manufacturing defects for 10 years when installed in accordance with our instructions on specified tube materials and applications.

### The Quickair™ Range Meets The Following Standards

**Quickair™** Fittings all **Quickair™** general range fittings are comply with the requirements. ASME B31.1/3 specification for the fittings and tubes specification for tubes and fittings where pressure tight joints are not made on the threads (Metric Dimension).

### Quality

Quality is of paramount importance to Canares group. Our products confirm to current Indian and Europe standards where applicable and also meet our own rigorous internal quality approvals. Canares group operates a quality management System for the development, manufacture and supply of fittings, tube, valves and accessories which complies with the requirements of ISO 9001:2015.

### Markings Universal Marking

All **Quickair™** fittings carry the marking of manufacturing batch no. Where pipelines are constructed exclusively using **Quickair™** fittings and recommended tubes, the resulting Installation will be deemed **Quickair™** Systems and such qualify for a 10 year guarantee against all manufacturing Defects.

With a wealth of experience and the broadest range of solutions and the systems on the market, Canares **Quickair™** products mean you'll complete your installation as seamlessly, efficiently and effectively as possible.

### Total Functionality, Complete Efficiency

**Quickair™** range of Products innovatively designed systems that reduce installation time and cost without compromising quality, aesthetics or reliability. Our **Quickair™** product ranges are designed to perform faultlessly in a variety of applications and environments so you can always be sure to connect with confidence whatever your challenge.

### Global Experience, Combined Expertise

With over decade years of manufacturing and innovation combined with extensive industry knowledge and worldwide market experience, Canares offers the most advanced and complete Modular piping system on a global scale. As one India's largest and the most respected manufactures and suppliers of products for the plumbing, heating industries and gas piping. Canares group is confident we can provide you with all the connection, control and support your project needs.



Conformité Européene  
(PED 2014/68/EU)

For more information visit  
[www.canares.com](http://www.canares.com)

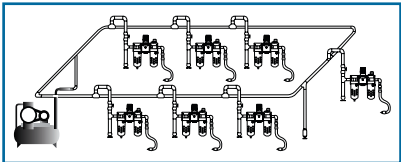


Pre - Installation



Proper line sizing for an network

1. Identify type of network: closed loop or dead-end
2. Calculate total length of line (feet)
3. Determine total flow required



TOTAL LENGTH OF NETWORK

| TOTAL FLOW REQUIRED  |         |      | LENGTH    |        |        |        |         |         |         |         |         |         |
|----------------------|---------|------|-----------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
|                      |         |      | FLOW RATE |        |        |        |         |         |         |         |         |         |
|                      |         |      | 164 ft    | 328 ft | 429 ft | 984 ft | 1640 ft | 2460 ft | 3280 ft | 4265 ft | 5249 ft | 6561 ft |
| Nm <sup>3</sup> / Hr | NI/ min | cfm  | 50 m      | 100 m  | 150 m  | 300 m  | 500 m   | 750 m   | 1000 m  | 1300 m  | 1600 m  | 2000 m  |
| 10                   | 167     | 6    | 20        | 20     | 20     | 20     | 20      | 20      | 20      | 25      | 25      | 25      |
| 30                   | 500     | 18   | 20        | 20     | 20     | 25     | 25      | 25      | 25      | 25      | 25      | 32      |
| 50                   | 833     | 29   | 20        | 25     | 25     | 25     | 25      | 25      | 25      | 32      | 32      | 32      |
| 70                   | 1167    | 41   | 25        | 25     | 25     | 25     | 32      | 32      | 32      | 40      | 40      | 40      |
| 100                  | 1667    | 59   | 25        | 25     | 32     | 32     | 32      | 40      | 40      | 50      | 50      | 63      |
| 150                  | 2500    | 88   | 32        | 32     | 32     | 32     | 40      | 40      | 50      | 50      | 63      | 63      |
| 250                  | 4167    | 147  | 32        | 32     | 40     | 40     | 50      | 50      | 63      | 63      | 76      | 76      |
| 350                  | 5883    | 206  | 32        | 40     | 40     | 50     | 50      | 63      | 63      | 76      | 76      | 76      |
| 500                  | 8333    | 294  | 40        | 40     | 50     | 50     | 63      | 63      | 76      | 76      | 76      | 90      |
| 750                  | 12500   | 441  | 50        | 50     | 63     | 63     | 63      | 76      | 76      | 76      | 90      | 90      |
| 1000                 | 16667   | 589  | 50        | 50     | 63     | 63     | 76      | 76      | 76      | 90      | 90      | 90      |
| 1250                 | 20841   | 736  | 50        | 63     | 63     | 63     | 76      | 76      | 76      | 90      | 90      | 90      |
| 1500                 | 25000   | 883  | 63        | 63     | 63     | 76     | 76      | 76      | 90      | 90      | 90      | 90      |
| 1750                 | 29167   | 1030 | 63        | 63     | 76     | 76     | 76      | 90      | 90      | 90      | 90      | 90      |
| 2000                 | 33328   | 1177 | 63        | 76     | 76     | 76     | 90      | 90      | 90      | 90      | 113     | 113     |
| 2500                 | 41683   | 1472 | 63        | 76     | 76     | 90     | 90      | 90      | 90      | 113     | 113     | 113     |
| 3000                 | 50000   | 1766 | 76        | 76     | 76     | 90     | 90      | 113     | 113     | 168     | 168     | 168     |
| 3500                 | 58332   | 2060 | 76        | 90     | 90     | 113    | 113     | 113     | 168     | 168     | 168     | 168     |
| 4000                 | 66657   | 2354 | 90        | 113    | 113    | 113    | 113     | 168     | 168     | 168     | 168     | 168     |
| 4500                 | 74983   | 2648 | 90        | 113    | 113    | 113    | 168     | 168     | 168     | 168     | 168     | 168     |
| 5000                 | 83308   | 2942 | 90        | 113    | 113    | 168    | 168     | 168     | 168     | 168     | 168     | 168     |
| 5500                 | 91661   | 3237 | 113       | 113    | 113    | 168    | 168     | 168     | 168     | 168     | 168     | 219     |
| 6000                 | 99986   | 3531 | 113       | 113    | 168    | 168    | 168     | 168     | 168     | 168     | 219     | 219     |
| 6500                 | 108311  | 3825 | 168       | 168    | 168    | 168    | 168     | 168     | 168     | 219     | 219     | 219     |
| 7000                 | 119978  | 4237 | 168       | 168    | 168    | 168    | 168     | 219     | 219     | 219     | 219     | 219     |
| 8000                 | 133315  | 4708 | 219       | 219    | 219    | 219    | 219     | 219     | 219     | 219     | 219     | 219     |

- Calculations based on total maximum pressure drop ( $\Delta P$ ) of not more than 3 PSIG for entire network, at 100 PSIG @ 15.6 °C
- Total flow required takes account of all flows for all compressed air powered tools and equipment
- Note that a typical compressor will produce approximately 4 SCFM per HP



WARNING

Installation of Quickair<sup>TM</sup> compressed air distribution system must be made according to the assembly instructions as indicated in the installation guide (available on request or on the website)



## Flow Calculator

The **Quickair™** flow calculator helps you to choose the most suitable diameter for your installation.

Enter the flow of your compressor, the system pressure rating and the total equivalent length of the system and add the components like valves, elbow, tee and reducers.

Example:

Flow Rate: 850 cfm at 109 psi

Total area: 1788 feet

The recommended **Quickair™** diameter is 90mm size (pressure drop of 145 psi=less then 5%)

| PRESSURE DROP COMPONENTS                                                          |                                       | PRESSURE DROP ON STRAIGHT LINE                                                |  |
|-----------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------|--|
|  | No of Ball Valve <input type="text"/> | Pressure Drop                                                                 |  |
|  | No of Elbows <input type="text"/>     | Pipe Length. L <input type="text"/> mtrs                                      |  |
|  | No of Equal tee <input type="text"/>  | Pipe Dia. D <input type="text"/> mm                                           |  |
|  | No of Reducers <input type="text"/>   | Free Air Flow Rate <input type="text"/> *cfm                                  |  |
|                                                                                   | TOTAL = <input type="text"/>          | Pipeline Pressure <input type="text"/> bar                                    |  |
| <input type="button" value="CALCULATE"/> <input type="button" value="CLEAR"/>     |                                       | <input type="button" value="CALCULATE"/> <input type="button" value="CLEAR"/> |  |
| TOTAL PRESSURE DRO <input type="text"/>                                           |                                       | GRAND TOTAL <input type="text"/>                                              |  |

| COST OF POWER CALCULATION        |                                       |                             |                                          |
|----------------------------------|---------------------------------------|-----------------------------|------------------------------------------|
| BHP <input type="text"/>         | Electrical Rate <input type="text"/>  | Rs/Yr. <input type="text"/> | <input type="button" value="CALCULATE"/> |
| No of Hr/Yr <input type="text"/> | Motor Efficiency <input type="text"/> | % <input type="text"/>      | <input type="button" value="CLEAR"/>     |

From above you can calculate cost of power for producing the compressed air. Visit: [www.canares.com](http://www.canares.com) for live calculation.

## Pipeline Systems

The **Quickair™** pipe line system has been designed and built for installation of compressed air and inert gas distribution system.

The materials and types of fittings used offer a flexible system that can be integrated with all **Quickair™** Systems and solve all the problems and meet all the requirements of even the most complex systems.

Innovative technology at the heart of **Quickair™** enables rapid and easy assembly, quick connection of components to the Aluminium pipes.

## Profitable And Efficient Alternative

**Quickair™** offers a cost effective, innovative and energy efficient aluminium, Stainless Steel, Pex compressed air / Inertgas modular piping system that is very easy to assemble, Change and expand furthermore, labour accounts for only 20% of the cost of installing **Quickair™** by comparison labour account for welding 60 to 80% and for brazing 50 to 70%

### Quickair™ OFFERS

- Lower installation cost
- Push-Fit concept
- No corrosion
- Modular design
- 20mm-205mm dia pipe sizes
- Re-usable fittings
- Easy to install

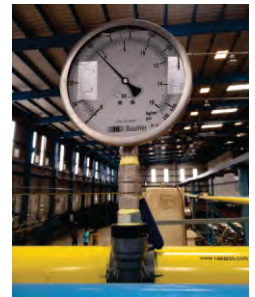
## Testing

### Quickair™ Piping Precautions And Testing

Care should be taken to protect pipes against mechanical shocks especially when close to the passage of fork-lift trucks where suspended objects are being moved. **Quickair™** pipes must not be bent or welded.

### Testing Procedure (ASME B31.3)

- The gas test pressure shall not be less than 1.2 nor more than 1.5 times the design pressure of the piping system. It shall not exceed the maximum allowable test pressure of any Non-Isolated component.
- The pressure in the system shall gradually increased to not more than ½ of the test pressure, the pressure shall be continuously maintained for a minimum time of 10 minutes.
- Than it shall be reduced to the lower of design pressure or 100psig (700kPa[Gage]) and held for such time as may be necessary to conduct examination for leakage. for leak test by soap bubble or equivalent method shall be made of all joint and connections.



### Optimum Flow, Highest Air Quality & Low Maintenance

**Quickair™** smooth calibrated Aluminium, Stainless Steel, Pex construction has a low friction co-efficient, providing the best possible laminar flow. Full bore fittings further minimize pressure drop for optimum flow and energy efficiency. Leak free connectors prevent air loss and wasted energy. **Quickair™** is ideal for installations requiring the highest quality air / Inertgas. **Quickair™** material will not rust or corrode. Further, it has no rough surfaces or interior restrictions that accumulate contaminants. The smooth interior with full bore design allows them to offer you energy efficiency.

### The **Quickair™** pipe line includes all the accessories you need for a top quality installation:

- Straight unions
- Elbows and tees
- Equal cross
- Reducing fittings
- Integrated loop drop
- Ball valves
- Quick assembly brackets and hangers
- Pipe clips
- Expansion and flex hoses
- FRL
- QRC

### Where As **Quickair™** Offers Features Includes

Installs faster than other common piping  
No specialized techniques needed  
No threading, welding, or brazing pipe  
No special tools are needed  
Can connect to existing systems with other pipe types  
Easy to add on to or disassemble for your changing needs

## Technical Specification Quickair™ Piping System

|                 |                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------|
| Application     | Compressed air, Vacuum, Nitrogen, Argon, CO <sub>2</sub> /oxygen ect., (other fluids & gases please contact Us) |
| Pressure        | Max 20 bar                                                                                                      |
| Vacuum          | 29.32" hg                                                                                                       |
| Temperature     | -20°C to 200°C                                                                                                  |
| Design Standard | ASME B 31.1/3                                                                                                   |

## Materials Construction of Stainless Steel pipe

|           |                                               |
|-----------|-----------------------------------------------|
| Alloy     | ASTM - A269 - TP304 / TP316                   |
| Tolerance | BS/EN 10297-2<br>L - $\leq 6000 + 5^{mm} - 0$ |

## Material of Construction of Fittings

|        |                     |
|--------|---------------------|
| Size   | 20– 63mm            |
| Body   | CF8 / CF8 M         |
| Caps   | Engineering Plastic |
| O-ring | HNBR/EPDM / Viton   |
| Body   | CF8 / CF8M          |
| O-ring | HNBR/EPDM / Viton   |

## Fittings

**Quickair™** Fittings provides versatility of design and helps to overcome constraints often encountered with structure of industrial buildings

### Quick Connections

Full bore design

Interchangeable and reusable

Non-flammable materials (UL94HB)

Maximum working pressure: 20 bar

Vacuum: 29.32" hg

Normal working temperature:-20°C to 80°C (option upto 200°C)

## Application:

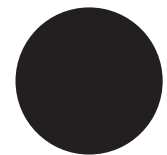
Compressed air, nitrogen, Vacuum, Co<sub>2</sub> for any other application Please contact.

Note: All products are 100% Tested

## Simply push-fit Concept

**Quickair™** SP series fitting is similar to one touch pneumatic gas push fitting concept. The advantage of this "Push-Fit" concept over other is modular piping systems. As there is nothing to tighten but only "simply push" the tube inside the fitting

While removing the tube from the fitting just need to push "removing clip" on the tube and press towards the fitting removing clip will disengage the grab-ring and will release the tube from the fitting.



Integral condensate retention design for superior flow without pressure drops.

## PIPE

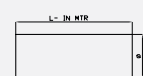
Design Standard: ASME B 31.1/3  
XX:- SS304:-02, SS316:-03



| PART NO. | SIZE | METER | PN (bar) |
|----------|------|-------|----------|
| SPXX2000 | 20mm | 6     | 20       |
| SPXX2500 | 25mm | 6     | 20       |
| SPXX3200 | 32mm | 6     | 20       |
| SPXX4000 | 40mm | 6     | 20       |
| SPXX5000 | 50mm | 6     | 20       |
| SPXX6300 | 63mm | 6     | 20       |

## PIPE

Design Standard: ASME B 31.1/3  
XX:- SS304:-02, SS316:-03

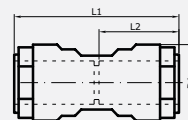


| PART NO. | SIZE | METER | PN (bar) |
|----------|------|-------|----------|
| SPXX2000 | 20mm | 3     | 20       |
| SPXX2500 | 25mm | 3     | 20       |
| SPXX3200 | 32mm | 3     | 20       |
| SPXX4000 | 40mm | 3     | 20       |
| SPXX5000 | 50mm | 3     | 20       |
| SPXX6300 | 63mm | 3     | 20       |

FOR EXAMPLE: SS304 TUBE WILL BE SP022500 & SS316 WILL BE SP032500

## PIPE TO PIPE CONNECTOR

XX:- SS304:-02, SS316:-03  
Design Standard: ASME B 31.1/3

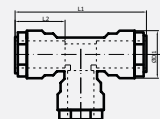


| PART NO. | SIZE | D1 | L1  | L2 | PN (bar) | Weight (Kg) |
|----------|------|----|-----|----|----------|-------------|
| PPXX2000 | 20mm | 36 | 88  | 43 | 20       | 0.171       |
| PPXX2500 | 25mm | 42 | 94  | 45 | 20       | 0.215       |
| PPXX3200 | 32mm | 55 | 104 | 51 | 20       | 0.425       |
| PPXX4000 | 40mm | 69 | 136 | 66 | 20       | 1.022       |
| PPXX5000 | 50mm | 80 | 147 | 72 | 20       | 1.292       |
| PPXX6300 | 63mm | 95 | 152 | 75 | 20       | 1.608       |

For example: SS304 Pipe to Pipe Connector will be PP022500 & SS316 will be PP032500

## EQUAL TEE

XX:- SS304:-02, SS316:-03  
Design Standard: ASME B 31.1/3

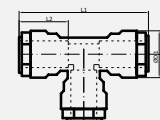


| PART NO. | SIZE | D1 | L1  | L2 | PN (bar) | Weight (Kg) |
|----------|------|----|-----|----|----------|-------------|
| ETXX2000 | 20mm | 36 | 110 | 43 | 20       | 0.304       |
| ETXX2500 | 25mm | 42 | 118 | 45 | 20       | 0.391       |
| ETXX3200 | 32mm | 55 | 140 | 51 | 20       | 0.768       |
| ETXX4000 | 40mm | 69 | 178 | 66 | 20       | 1.765       |
| ETXX5000 | 50mm | 80 | 198 | 72 | 20       | 2.270       |
| ETXX6300 | 63mm | 95 | 216 | 75 | 20       | 2.940       |

For example: SS304 Equal Tee will be ET022500 & SS316 will be ET032500

## REDUCED TEE

XX:- SS304:-02, SS316:-03  
Design Standard: ASME B 31.1/3

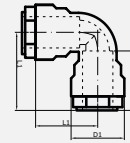


| PART NO. | SIZE        | D1 (mm) | L1 (mm) | L2 (mm) | PN (bar) | Weight (Kg) |
|----------|-------------|---------|---------|---------|----------|-------------|
| RTXX2520 | 25mm x 20mm | 42      | 128     | 45      | 20       | 0.215       |
| RTXX3220 | 32mm x 20mm | 55      | 150     | 51      | 20       | 0.42        |
| RTXX3225 | 32mm x 25mm | 55      | 150     | 51      | 20       | 0.425       |
| RTXX4020 | 40mm x 20mm | 69      | 188     | 66      | 20       | 0.905       |
| RTXX4025 | 40mm x 25mm | 69      | 188     | 66      | 20       | 0.91        |
| RTXX4032 | 40mm x 32mm | 69      | 188     | 66      | 20       | 0.925       |
| RTXX5020 | 50mm x 20mm | 80      | 208     | 72      | 20       | 1.005       |
| RTXX5025 | 50mm x 25mm | 80      | 208     | 72      | 20       | 1.025       |
| RTXX5032 | 50mm x 32mm | 80      | 208     | 72      | 20       | 1.253       |
| RTXX5040 | 50mm x 40mm | 80      | 208     | 72      | 20       | 1.325       |
| RTXX6320 | 63mm x 20mm | 95      | 226     | 75      | 20       | 1.95        |
| RTXX6325 | 63mm x 25mm | 95      | 226     | 75      | 20       | 2.12        |
| RTXX6332 | 63mm x 32mm | 95      | 226     | 75      | 20       | 2.213       |
| RTXX6340 | 63mm x 40mm | 95      | 226     | 75      | 20       | 2.321       |
| RTXX6350 | 63mm x 50mm | 95      | 226     | 75      | 20       | 2.425       |

For example: SS304 Reduced Tee will be RT022520 & SS316 will be RT032520

## ELBOW

XX:- SS304:-02, SS316:-03  
 Design Standard: ASME B 31.1/3

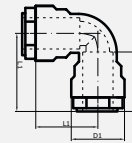


| PART NO. | SIZE | D1 | L1  | L2 | PN (bar) | Weight (Kg) |
|----------|------|----|-----|----|----------|-------------|
| ELXX2000 | 20mm | 36 | 110 | 43 | 20       | 0.214       |
| ELXX2500 | 25mm | 42 | 118 | 45 | 20       | 0.278       |
| ELXX3200 | 32mm | 55 | 140 | 51 | 20       | 0.541       |
| ELXX4000 | 40mm | 69 | 89  | 66 | 20       | 1.240       |
| ELXX5000 | 50mm | 80 | 99  | 72 | 20       | 1.602       |
| ELXX6300 | 63mm | 95 | 109 | 75 | 20       | 2.102       |

For example: SS304 Elbow will be EL022500 & SS316 will be EL032500

## REDUCED ELBOW

XX:- SS304:-02, SS316:-03  
 Design Standard: ASME B 31.1/3

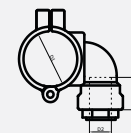


| PART NO. | SIZE        | D1 (mm) | L1 (mm) | L2 (mm) | PN (bar) | Weight (Kg) |
|----------|-------------|---------|---------|---------|----------|-------------|
| REXX2520 | 25mm x 20mm | 42      | 69      | 45      | 20       | 0.155       |
| REXX3220 | 32mm x 20mm | 55      | 80      | 51      | 20       | 0.315       |
| REXX3225 | 32mm x 20mm | 55      | 80      | 51      | 20       | 0.35        |
| REXX4020 | 40mm x 20mm | 69      | 99      | 66      | 20       | 0.55        |
| REXX4025 | 40mm x 25mm | 69      | 99      | 66      | 20       | 0.555       |
| REXX4032 | 40mm x 32mm | 69      | 99      | 66      | 20       | 0.655       |
| REXX5020 | 50mm x 20mm | 80      | 109     | 72      | 20       | 0.685       |
| REXX5025 | 50mm x 25mm | 80      | 109     | 72      | 20       | 0.71        |
| REXX5032 | 50mm x 32mm | 80      | 109     | 72      | 20       | 0.734       |
| REXX5040 | 50mm x 40mm | 80      | 109     | 72      | 20       | 0.765       |
| REXX6320 | 63mm x 32mm | 95      | 118     | 75      | 20       | 1.333       |
| REXX6325 | 63mm x 25mm | 95      | 118     | 75      | 20       | 1.385       |
| REXX6332 | 63mm x 32mm | 95      | 118     | 75      | 20       | 1.415       |
| REXX6340 | 63mm x 40mm | 95      | 118     | 75      | 20       | 1.435       |
| REXX6350 | 63mm x 50mm | 95      | 118     | 75      | 20       | 1.485       |

For example: SS304 Reduced Elbow will be RE022520 & SS316 will be RE032520

## DROPLETS - Tube To Tube

XX:- SS304:-02, SS316:-03  
 Design Standard: ASME B 31.1/3

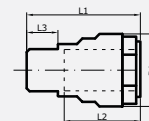


| PART NO. | SIZE        | D1 (mm) | D2 (mm) | L1 (mm) | PN (bar) | Weight (Kg) |
|----------|-------------|---------|---------|---------|----------|-------------|
| MDXX2520 | 25mm x 20mm | 25      | 20      | 43      | 20       | 0.397       |
| MDXX3220 | 23mm x 20mm | 32      | 20      | 43      | 20       | 0.721       |
| MDXX3225 | 32mm x 25mm | 32      | 25      | 45      | 20       | 0.663       |
| MDXX4020 | 40mm x 20mm | 40      | 20      | 43      | 20       | 0.798       |
| MDXX4025 | 50mm x 20mm | 40      | 25      | 45      | 20       | 0.740       |
| MDXX5020 | 50mm x 20mm | 50      | 20      | 43      | 20       | 0.850       |
| MDXX5025 | 50mm x 25mm | 50      | 25      | 45      | 20       | 0.791       |
| MDXX6320 | 63mm x 20mm | 63      | 20      | 43      | 20       | 0.957       |
| MDXX6325 | 63mm x 25mm | 63      | 25      | 45      | 20       | 0.898       |

For example: SS304 Droplets will be MD022520 & SS316 will be MD032520

## MALE CONNECTOR

XX:- SS304:-02, SS316:-03  
Design Standard: ASME B 31.1/3

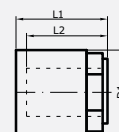


| PART NO. | SIZE        | D1 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | BSP   | Weight (Kg) |
|----------|-------------|---------|---------|---------|---------|-------|-------------|
| MCXX2005 | 20mm x 0.5" | 36      | 62      | 43      | 14      | 1/2   | 0.154       |
| MCXX2007 | 20mm x 0.7" | 36      | 64      | 43      | 16      | 3/4   | 0.165       |
| MCXX2505 | 25mm x 0.5" | 42      | 62      | 45      | 14      | 1/2   | 0.174       |
| MCXX2507 | 25mm x 0.7" | 42      | 65      | 45      | 16      | 3/4   | 0.195       |
| MCXX2510 | 25mm x 1"   | 42      | 65      | 45      | 16      | 1     | 0.228       |
| MCXX3210 | 32mm x 1"   | 55      | 69      | 51      | 16      | 1     | 0.359       |
| MCXX3212 | 32mm x 1.2" | 55      | 70      | 51      | 16.5    | 1 1/4 | 0.459       |
| MCXX4010 | 40mm x 1"   | 69      | 88      | 66      | 16      | 1     | 0.791       |
| MCXX4015 | 40mm x 1.5" | 69      | 88      | 66      | 18      | 1 1/2 | 0.795       |
| MCXX5015 | 50mm x 1.5" | 80      | 95      | 72      | 18      | 1 1/2 | 0.998       |
| MCXX5020 | 50mm x 2"   | 80      | 95      | 72      | 18      | 2     | 1.021       |
| MCXX6320 | 63mm x 2"   | 95      | 97      | 75      | 18      | 2     | 1.463       |
| MCXX6325 | 63mm x 2.5" | 95      | 98      | 75      | 19      | 2 1/2 | 1.647       |

For example: SS304 Male Conector will be MC022005 & SS316 will be MC032005

## END CAP

XX:- SS304:-02, SS316:-03  
Design Standard: ASME B 31.1/3

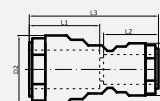
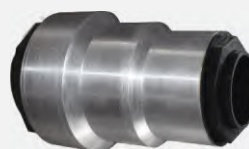


| PART NO. | SIZE | D1 (mm) | L1 (mm) | L2 (mm) | PN (bar) | Weight (Kg) |
|----------|------|---------|---------|---------|----------|-------------|
| ECXX2000 | 20mm | 36      | 49      | 43      | 20       | 0.167       |
| ECXX2500 | 25mm | 42      | 49      | 45      | 20       | 0.206       |
| ECXX3200 | 32mm | 55      | 55      | 51      | 20       | 0.432       |
| ECXX4000 | 40mm | 69      | 73      | 66      | 20       | 0.974       |
| ECXX5000 | 50mm | 80      | 78      | 72      | 20       | 1.301       |
| ECXX6300 | 63mm | 95      | 81      | 75      | 20       | 1.606       |

For example: SS304 End Cap will be EC022500 & SS316 will be EC032500

## REDUCER

XX:- SS304:-02, SS316:-03  
Design Standard: ASME B 31.1/3

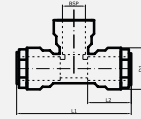


| PART NO. | SIZE        | D1 | D2 | L1 | L2 | L3  | PN (bar) | Weight (kg) |
|----------|-------------|----|----|----|----|-----|----------|-------------|
| RDXX2520 | 25mm x 20mm | 42 | 36 | 45 | 43 | 92  | 20       | 0.340       |
| RDXX3220 | 32mm x 20mm | 55 | 36 | 51 | 43 | 98  | 20       | 0.504       |
| RDXX3225 | 32mm x 25mm | 55 | 42 | 51 | 45 | 98  | 20       | 0.530       |
| RDXX4020 | 40mm x 20mm | 69 | 36 | 66 | 43 | 114 | 20       | 0.820       |
| RDXX4025 | 40mm x 25mm | 69 | 42 | 66 | 45 | 114 | 20       | 0.838       |
| RDXX4032 | 40mm x 32mm | 69 | 55 | 66 | 51 | 120 | 20       | 1.105       |
| RDXX5020 | 50mm x 20mm | 80 | 36 | 72 | 43 | 120 | 20       | 1.049       |
| RDXX5025 | 50mm x 25mm | 80 | 42 | 72 | 45 | 120 | 20       | 1.051       |
| RDXX5032 | 50mm x 32mm | 80 | 55 | 72 | 51 | 126 | 20       | 1.171       |
| RDXX5040 | 50mm x 40mm | 80 | 69 | 72 | 66 | 142 | 20       | 1.936       |
| RDXX6320 | 63mm x 20mm | 95 | 36 | 75 | 43 | 122 | 20       | 1.338       |
| RDXX6325 | 63mm x 25mm | 95 | 42 | 75 | 45 | 122 | 20       | 1.362       |
| RDXX6332 | 63mm x 32mm | 95 | 55 | 75 | 51 | 128 | 20       | 1.570       |
| RDXX6340 | 63mm x 40mm | 95 | 69 | 75 | 66 | 144 | 20       | 2.007       |
| RDXX6350 | 63mm x 50mm | 95 | 80 | 75 | 72 | 150 | 20       | 2.710       |

For example: SS304 Reducer will be RD022520 & SS316 will be RD032520

## FEMALE THREAD TEE

XX:- SS304:-02, SS316:-03  
Design Standard: ASME B 31.1/3



| PART NO. | SIZE        | D1(mm) | L1(mm) | L2(mm) | BSP  | PN (bar) | Weight (kg) |
|----------|-------------|--------|--------|--------|------|----------|-------------|
| FTXX2005 | 20mm x 0.5" | 36     | 110    | 43     | 0.5" | 20       | 0.15        |
| FTXX2007 | 20mm x 0.7" | 36     | 110    | 43     | 0.7" | 20       | 0.175       |
| FTXX2505 | 25mm x 0.5" | 42     | 118    | 45     | 0.5" | 20       | 0.216       |
| FTXX2507 | 25mm x 0.5" | 42     | 118    | 45     | 0.5" | 20       | 0.195       |
| FTXX2510 | 25mm x 1"   | 42     | 118    | 45     | 1"   | 20       | 0.18        |
| FTXX3205 | 32mm x 0.5" | 55     | 140    | 51     | 0.5" | 20       | 0.415       |
| FTXX3207 | 32mm x 0.7" | 55     | 140    | 51     | 0.7" | 20       | 0.395       |
| FTXX3210 | 32mm x 1"   | 55     | 140    | 51     | 1"   | 20       | 0.385       |
| FTXX4005 | 40mm x 0.5" | 69     | 178    | 66     | 0.5" | 20       | 0.86        |
| FTXX4007 | 40mm x 0.7" | 69     | 178    | 66     | 0.7" | 20       | 0.85        |
| FTXX4010 | 40mm x 1"   | 69     | 178    | 66     | 1"   | 20       | 0.83        |
| FTXX5005 | 50mm x 0.5" | 80     | 198    | 72     | 0.5" | 20       | 1.125       |
| FTXX5007 | 50mm x 0.7" | 80     | 198    | 72     | 0.7" | 20       | 1.001       |
| FTXX5010 | 50mm x 1"   | 80     | 198    | 72     | 1"   | 20       | 0.95        |
| FTXX6305 | 63mm x 0.5" | 95     | 216    | 75     | 0.5" | 20       | 1.985       |
| FTXX6307 | 63mm x 0.7" | 95     | 216    | 75     | 0.7" | 20       | 1.852       |
| FTXX6310 | 63mm x 1"   | 95     | 216    | 75     | 1"   | 20       | 1.75        |

For example: SS304 Female Thread Tee will be FT022005 & SS316 will be FT032005



## MANIFOLD

Design Standard : ASME B 31.1/3



| PART NO.   | SIZE | Outlets | PN (bar) | L1  | L2  | Weight (Kg) |
|------------|------|---------|----------|-----|-----|-------------|
| CAMF200504 | 20   | 4       | 20       | 260 | 110 | 3           |
| CAMF200505 | 20   | 5       | 20       | 260 | 110 | 3           |
| CAMF200506 | 20   | 6       | 20       | 260 | 110 | 3           |
| CAMF250504 | 25   | 4       | 20       | 260 | 110 | 3           |
| CAMF250505 | 25   | 5       | 20       | 260 | 110 | 3           |
| CAMF250506 | 25   | 6       | 20       | 260 | 110 | 3           |

## MANIFOLD WITH MINI BALL VALVE

Design Standard : ASME B 31.1/3



| PART NO.       | SIZE | Outlets | PN (bar) | L1  | L2  | Weight (Kg) |
|----------------|------|---------|----------|-----|-----|-------------|
| CAMF200504MB05 | 20   | 4       | 20       | 260 | 110 | 3           |
| CAMF200505MB05 | 20   | 5       | 20       | 260 | 110 | 3           |
| CAMF200506MB05 | 20   | 6       | 20       | 260 | 110 | 3           |
| CAMF250504MB05 | 25   | 4       | 20       | 260 | 110 | 3           |
| CAMF250505MB05 | 25   | 5       | 20       | 260 | 110 | 3           |
| CAMF250506MB05 | 25   | 6       | 20       | 260 | 110 | 3           |

## INTEGRATED MANIFOLD

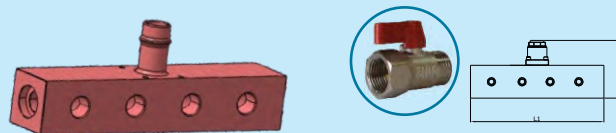
Design Standard : ASME B 31.1/3



| PART NO.     | SIZE | Outlets | PN (bar) | L1  | L2  | Weight (Kg) |
|--------------|------|---------|----------|-----|-----|-------------|
| CAMF16200504 | 20   | 4       | 40       | 260 | 110 | 3           |
| CAMF16200505 | 20   | 5       | 40       | 260 | 110 | 3           |
| CAMF16200506 | 20   | 6       | 40       | 260 | 110 | 3           |
| CAMF16250504 | 25   | 4       | 40       | 260 | 110 | 3           |
| CAMF16250505 | 25   | 5       | 40       | 260 | 110 | 3           |
| CAMF16250506 | 25   | 6       | 40       | 260 | 110 | 3           |

## INTEGRATED MANIFOLD WITH MINI BALL VALVE

Design Standard : ASME B 31.1/3

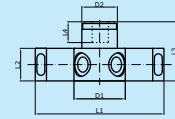


| PART NO.         | SIZE | Outlets | PN (bar) | L1  | L2  | Weight (Kg) |
|------------------|------|---------|----------|-----|-----|-------------|
| CAMF16200504MB05 | 20   | 4       | 40       | 260 | 110 | 3           |
| CAMF16200505MB05 | 20   | 5       | 40       | 260 | 110 | 3           |
| CAMF16200506MB05 | 20   | 6       | 40       | 260 | 110 | 3           |
| CAMF16250504MB05 | 25   | 4       | 40       | 260 | 110 | 3           |
| CAMF16250505MB05 | 25   | 5       | 40       | 260 | 110 | 3           |
| CAMF16250506MB05 | 25   | 6       | 40       | 260 | 110 | 3           |

## WALL BRACKET ½" OUTLET 2WAY

Design Standard : ASME B 31.1/3

MOC:- Aluminium with Engineering Plastic

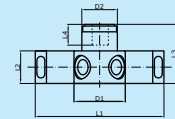


| PART NO. | SIZE        | D1 (mm) | D2 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | L4 (mm) | PN (bar) | Weight (kg) |
|----------|-------------|---------|---------|---------|---------|---------|---------|----------|-------------|
| WB242005 | 20mm x 0.5" | 68      | 36      | 140     | 40      | 79      | 43      | 20       | 0.550       |
| WB242505 | 25mm x 0.5" | 68      | 42      | 140     | 40      | 79      | 45      | 20       | 0.570       |

## WALL BRACKET ½" OUTLET 2WAY With MINI BALL VALVE

Design Standard : ASME B 31.1/3

MOC:- Aluminium with Engineering Plastic

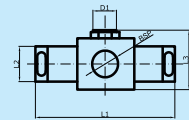


| PART NO.     | SIZE        | D1 (mm) | D2 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | L4 (mm) | PN (bar) | Weight (kg) |
|--------------|-------------|---------|---------|---------|---------|---------|---------|----------|-------------|
| WB242005MB05 | 20mm x 0.5" | 68      | 36      | 140     | 40      | 79      | 43      | 20       | 0.550       |
| WB242505MB05 | 25mm x 0.5" | 68      | 42      | 140     | 40      | 79      | 45      | 20       | 0.570       |

## SINGLE WAY WALL BRACKET

Design Standard : ASME B 31.1/3

MOC:- Aluminium with Engineering Plastic

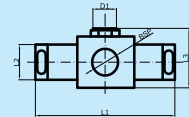
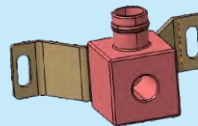


| PART NO.   | SIZE        | D1 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | PN (bar) | Weight (kg) |
|------------|-------------|---------|---------|---------|---------|----------|-------------|
| WB24012005 | 20mm x 0.5" | 20      | 120     | 42      | 65      | 20       | 0.525       |
| WB24012505 | 25mm x 0.5" | 25      | 120     | 42      | 65      | 20       | 0.550       |

## INTEGRATED SINGLE WAY WALL BRACKET

Design Standard : ASME B 31.1/3

MOC:- Aluminium with Engineering Plastic

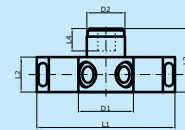


| PART NO.   | SIZE        | D1 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | PN (bar) | Weight (kg) |
|------------|-------------|---------|---------|---------|---------|----------|-------------|
| WB24012005 | 20mm x 0.5" | 20      | 120     | 42      | 65      | 20       | 0.525       |
| WB24012505 | 25mm x 0.5" | 25      | 120     | 42      | 65      | 20       | 0.550       |

## WALL BRACKET ½" OUTLET 2WAY

XX:- SS304:-02, SS316:-03

Design Standard: ASME B 31.1/3

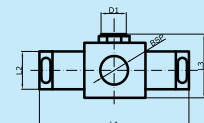


| PART NO. | SIZE | D1 (mm) | D2 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | L4 (mm) | PN (bar) | Weight (kg) |
|----------|------|---------|---------|---------|---------|---------|---------|----------|-------------|
| WBXX2005 | 20mm | 68      | 36      | 140     | 40      | 79      | 43      | 20       | 0.796       |
| WBXX2505 | 25mm | 68      | 42      | 140     | 40      | 79      | 45      | 20       | 1.215       |

## SINGLE WAY WALL BRACKET

XX:- SS304:-02, SS316:-03

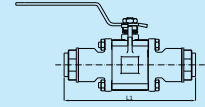
Design Standard: ASME B 31.1/3



| PART NO.   | SIZE | D1 (mm) | L1 (mm) | L2 (mm) | L3 (mm) | PN (bar) | Weight (kg) |
|------------|------|---------|---------|---------|---------|----------|-------------|
| WBXX012005 | 20mm | 20      | 120     | 42      | 65      | 20       | 0.726       |
| WBXX012506 | 25mm | 25      | 120     | 42      | 65      | 20       | 0.731       |

### 3 Piece INLINE BALL VALVE

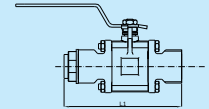
XX:- SS304:-02, SS316:-03  
 Design Standard: ASME B 31.1/3



| PART NO. | SIZE | D1 (mm) | L1 (mm) | PN (bar) | Weight (kg) |
|----------|------|---------|---------|----------|-------------|
| BFXX2000 | 20   | 20      | 135     | 20       | 0.584       |
| BFXX2500 | 25   | 25      | 168     | 20       | 1.021       |
| BFXX3200 | 32   | 32      | 199     | 20       | 1.467       |
| BFXX4000 | 40   | 40      | 202     | 20       | 0.738       |
| BFXX5000 | 50   | 50      | 204     | 20       | 3.599       |
| BFXX6300 | 63   | 63      | 224     | 20       | 5.196       |

### 3 Piece INLINE MALE BALL VALVE

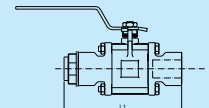
XX:- SS304:-02, SS316:-03  
 Design Standard: ASME B 31.1/3



| PART NO.  | SIZE (mm) | PN (bar) | L1  | Weight (Kg) |
|-----------|-----------|----------|-----|-------------|
| BFXXM2007 | 20        | 20       | 135 | 0.8         |
| BFXXM2510 | 25        | 20       | 168 | 1.6         |
| BFXXM3212 | 32        | 20       | 199 | 2.1         |
| BFXXM4015 | 40        | 20       | 202 | 3           |
| BFXXM5020 | 50        | 20       | 204 | 4           |
| BFXXM6325 | 63        | 20       | 224 | 7.37        |

### 3 Piece INLINE FEMALE BALL VALVE

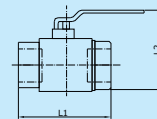
XX:- SS304:-02, SS316:-03  
 Design Standard: ASME B 31.1/3



| PART NO.  | SIZE (mm) | PN (bar) | L1  | Weight (Kg) |
|-----------|-----------|----------|-----|-------------|
| BFXXF2007 | 20        | 20       | 135 | 0.8         |
| BFXXF2510 | 25        | 20       | 168 | 1.6         |
| BFXXF3212 | 32        | 20       | 199 | 2.1         |
| BFXXF4015 | 40        | 20       | 202 | 3           |
| BFXXF5020 | 50        | 20       | 204 | 4           |
| BFXXF6325 | 63        | 20       | 224 | 7.37        |

## FEMALE THREADED INLINE BALL VALVE (Brass)

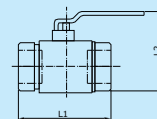
Design Standard : ASME B 31.1/3



| PART NO.  | SIZE (mm) | PN (bar) | L1 | L2 | Weight (Kg) |
|-----------|-----------|----------|----|----|-------------|
| INBVF2007 | 20        | 20       | 75 | 70 | 0.35        |
| INBVF2510 | 25        | 20       | 85 | 75 | 0.5         |

## INLINE BALL VALVE (Brass)

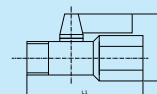
Design Standard : ASME B 31.1/3



| PART NO. | SIZE (mm) | PN (bar) | L1  | L2 | Weight (Kg) |
|----------|-----------|----------|-----|----|-------------|
| INBV20   | 20        | 20       | 90  | 70 | 0.35        |
| INBV25   | 25        | 20       | 100 | 75 | 0.5         |

## MINI BALL VALVE (Brass)

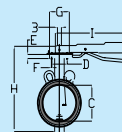
Design Standard : ASME B 31.1/3



| PART NO. | SIZE | PN (bar) | L1 | L2 | Weight (Kg) |
|----------|------|----------|----|----|-------------|
| MBVMF050 | 1/2" | 20       | 48 | 44 | 0.2         |

## BUTTERFLY VALVE (CI)

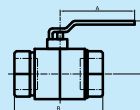
Design Standard : ASME B 31.1/3



| PART NO.             | SIZE | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | PN (bar) | Weight (kg) |
|----------------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|
| 80-83-22-23-EM-150#  | 3"   | 46     | 15     | 81     | 50     | 17     | 7      | 65     | 255    | 195    | 16       | 3.500       |
| 100-83-22-23-EM-150# | 4"   | 52     | 15     | 103    | 50     | 17     | 7      | 65     | 284    | 195    | 16       | 4.750       |
| 150-83-22-23-EM-150# | 6"   | 56     | 19     | 153    | 70     | 17     | 9      | 90     | 358    | 320    | 16       | 9.150       |
| 200-83-22-23-EM-150# | 8"   | 60     | 19     | 201    | 70     | 97     | 9      | 90     | 421    | 320    | 16       | 16.00       |

## BALL VALVE

Design Standard : ASME B 31.1/3



| PART NO. | SIZE   | A (mm) | B (mm) | C (mm) | PN (bar) | Weight (kg) |
|----------|--------|--------|--------|--------|----------|-------------|
| BV110200 | 1/4"   | 90     | 38     | 48     | 16       | 0.100       |
| BV110500 | 1/2"   | 90     | 46     | 58     | 16       | 0.150       |
| BV110700 | 3/4"   | 90     | 52     | 65     | 16       | 0.213       |
| BV111000 | 1"     | 106    | 60     | 69     | 16       | 0.318       |
| BV111200 | 1 1/4" | 110    | 62     | 80     | 16       | 0.480       |
| BV111500 | 1 1/2" | 148    | 83     | 92     | 16       | 0.680       |
| BV112000 | 2"     | 148    | 89     | 110    | 16       | 1.800       |
| BV112500 | 2 1/2" | 217    | 110    | 132    | 16       | 2.206       |

## CRIMPING JAWS

CJ13



| PART NO. | SIZE | Weight |
|----------|------|--------|
| CJ133000 | 3"   |        |
| CJ134100 | 4"   |        |
| CJ136000 | 6"   |        |
| CJ138000 | 8"   |        |

## CAP OPENING TOOL



| PART NO. | SIZE | Weight |
|----------|------|--------|
| OT132000 | 20   |        |
| OT132500 | 25   |        |
| OT133200 | 32   |        |
| OT134000 | 40   |        |
| OT135000 | 50   |        |
| OT136300 | 63   |        |

## TUBE CUTTER



| PART NO. | SIZE    | Weight |
|----------|---------|--------|
| TC110100 | 20-63mm |        |

## DEBURING TOOL



| PART NO. | SIZE       | Weight |
|----------|------------|--------|
| DB110000 | 20mm to 8" |        |

## AIR GUN



| PART NO. | SIZE | Weight |
|----------|------|--------|
| AG110200 |      |        |

## CRIMPING MACHINE



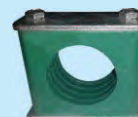
| PART NO. | SIZE     | Weight |
|----------|----------|--------|
| CM130000 | 3" to 8" |        |

## CHAMPERING TOOL



| PART NO. | SIZE    | Weight |
|----------|---------|--------|
| CT110100 | 20-63mm |        |

## CLIP



| PART NO. | SIZE | Weight |
|----------|------|--------|
| CSPP2000 | 20   |        |
| CSPP2500 | 25   |        |
| CSPP3200 | 32   |        |
| CSPP4000 | 40   |        |
| CSPP5000 | 50   |        |
| CSPP6300 | 63   |        |

## Opening Clip



| PART NO. | SIZE | Weight |
|----------|------|--------|
| OC132000 | 20   |        |
| OC132500 | 25   |        |
| OC133200 | 32   |        |
| OC134000 | 40   |        |
| OC135000 | 50   |        |
| OC136300 | 63   |        |

## CLIPS



| PART NO. | SIZE | Weight |
|----------|------|--------|
| CL112000 | 20   |        |
| CL112500 | 25   |        |
| CL113200 | 32   |        |
| CL114000 | 40   |        |
| CL115000 | 50   |        |
| CL116300 | 63   |        |



## MALE SOCKET



| PART NO. | SIZE | Weight |
|----------|------|--------|
| SM110200 | 1/4" |        |
| SM110300 | 3/8" |        |
| SM110500 | 1/2" |        |
| SM110700 | 3/4" |        |
| SM110000 | 1"   |        |

## MALE PLUG



| PART NO. | SIZE | Weight |
|----------|------|--------|
| PM110200 | 1/4" |        |
| PM110300 | 3/8" |        |
| PM110500 | 1/2" |        |
| PM110700 | 3/4" |        |
| PM111000 | 1"   |        |

## FEMALE SOCKET



| PART NO. | SIZE | Weight |
|----------|------|--------|
| SF110200 | 1/4" |        |
| SF110300 | 3/8" |        |
| SF110500 | 1/2" |        |
| SF110700 | 3/4" |        |
| SF111000 | 1"   |        |

## FEMALE PLUG



| PART NO. | SIZE | Weight |
|----------|------|--------|
| PF110200 | 1/4" |        |
| PF110300 | 3/8" |        |
| PF110500 | 1/2" |        |
| PF110700 | 3/4" |        |
| PF111000 | 1"   |        |

## HOSE SOCKET



| PART NO. | SIZE | Weight |
|----------|------|--------|
| SH110340 | 3/8" |        |
| SH110540 | 1/2" |        |
| SH110740 | 3/4" |        |
| SH111040 | 1"   |        |

## NUT SOCKET



| PART NO. | SIZE | Weight |
|----------|------|--------|
| SN110800 | 08   |        |
| SN111000 | 10   |        |
| SN111200 | 12   |        |

## NUT PLUG



| PART NO. | SIZE | Weight |
|----------|------|--------|
| PN110800 | 08   |        |
| PN111000 | 10   |        |
| PN111200 | 12   |        |
| PN111400 | 14   |        |

## HOUSE PLUG



| PART NO. | SIZE | Weight |
|----------|------|--------|
| PH110200 | 1/4" |        |
| PH110300 | 3/8" |        |
| PH110500 | 1/2" |        |
| PH110700 | 3/4" |        |
| PH111000 | 1"   |        |

## FR



## FR11

| PART NO. | SIZE | PART NO. | SIZE |
|----------|------|----------|------|
| FR110200 | 1/4" | FL110200 | 1/4" |
| FR110500 | 1/2" | FL110500 | 1/2" |
| FR110700 | 3/4" | FL110700 | 3/4" |
| FR111000 | 1"   | FL111000 | 1"   |

## FRL



## FRL11

## POLYURETHENE TUBE PT11

MOC: Polyurethane available  
in 1000 mtr's



\*Colour Code:  
00 - Transparent  
01 - Blue (Std)  
02 - Yellow  
03 - Green  
04 - Black  
05 - Red

| PART NO.  | Ø D | Weight |
|-----------|-----|--------|
| PT110401* | 04  |        |
| PT110601* | 06  |        |
| PT110801* | 08  |        |
| PT111001* | 10  |        |
| PT111201* | 12  |        |

## RECOIL HOSE RH11

MOC: Polyurethane available  
in 1000 mtr's



| PART NO.  | Ø D | Weight |
|-----------|-----|--------|
| RH110403* | 04  |        |
| RH110603* | 06  |        |
| RH110803* | 08  |        |
| RH111003* | 10  |        |
| RH111203* | 12  |        |

Available in 2,3,5,6,8 & 10 Mtr's for respective length please add number of meter to the part number. For 5 Mtr's length of 6mm OD add 05 (Ex: RH110605).

## EXPANSION HOSE EH11

Available in 1,2 & 3 mtr's for 1 mtr's  
add .1(Ex:EH112505.1)



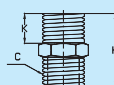
| PART NO.  | Ø D | SIZE   | PART NO.  | Ø D | SIZE   |
|-----------|-----|--------|-----------|-----|--------|
| EH112505* | 25  | 1/2"   | EH114012* | 40  | 1 1/4" |
| EH112507* | 25  | 3/4"   | EH114015* | 40  | 1 1/2" |
| EH112510* | 25  | 1"     | EH115015* | 50  | 1 1/2" |
| EH113210* | 32  | 1"     | EH115020* | 50  | 2"     |
| EH113212* | 32  | 1 1/4" | EH116320* | 63  | 2"     |
| EH114010* | 40  | 1"     | EH116325* | 63  | 2 1/2" |

## BUSH WITH O RING GASKET BS13



| PART NO. | Ø  | Weight |
|----------|----|--------|
| BS132000 | 20 |        |
| BS132500 | 25 |        |
| BS133200 | 32 |        |
| BS134000 | 40 |        |
| BS135000 | 50 |        |
| BS136300 | 63 |        |

## HEX NIPPLE HN11



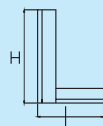
| PART NO. | Ø C    | K  | H  | Weight |
|----------|--------|----|----|--------|
| HN110500 | 1/2"   | 15 | 36 |        |
| HN110700 | 3/4"   | 16 | 38 |        |
| HN111000 | 1"     | 16 | 48 |        |
| HN111200 | 1 1/4" | 23 | 58 |        |
| HN111500 | 1 1/2" | 24 | 63 |        |
| HN112000 | 2"     | 28 | 81 |        |

## CAP WITH RETAINER RINGS BO13



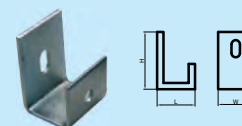
| PART NO. | Ø  | Weight |
|----------|----|--------|
| BO132000 | 20 |        |
| BO132500 | 25 |        |
| BO133200 | 32 |        |
| BO134000 | 40 |        |
| BO135000 | 50 |        |
| BO136300 | 63 |        |

## L ANGLE LA11



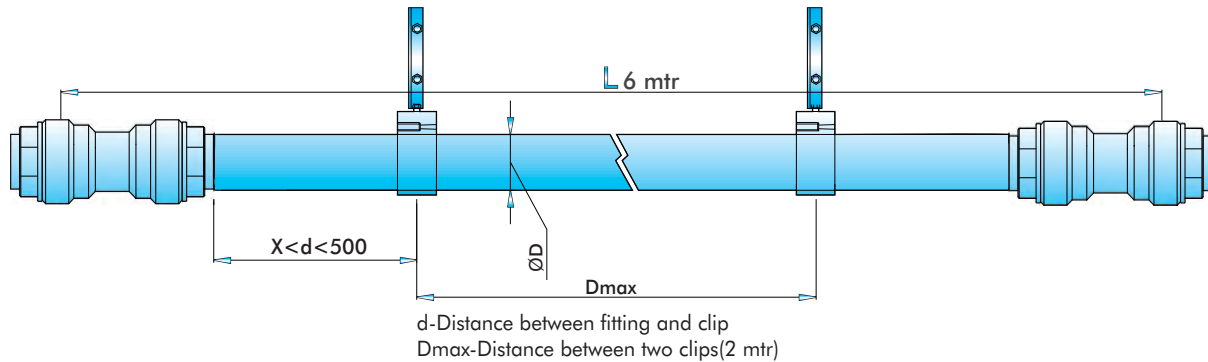
| PART NO. | H   | L   | Weight |
|----------|-----|-----|--------|
| LA110304 | 3"  | 4"  |        |
| LA110408 | 4"  | 8"  |        |
| LA110604 | 6"  | 4"  |        |
| LA110606 | 6"  | 6"  |        |
| LA110608 | 6"  | 8"  |        |
| LA110609 | 6"  | 9"  |        |
| LA110612 | 6"  | 12" |        |
| LA111024 | 10" | 24" |        |

## U CLAMP UC11



| PART NO. | H  | L  | W  | Weight |
|----------|----|----|----|--------|
| UC110000 | 57 | 26 | 21 |        |

Before installing Quickair™ system a responsible person should check the area of installation. Confirm to regulation designed to prevent the risk of explosion. Quickair™ must be installed either After the receiver or after the dryer. Flexible hose should be fitted at the beginning of the piping system. In order to counter the vibration found in any compressed air piping system. When maintaining or modifying the Quickair™ piping system the work must be undertaken only after the compressed air system has been vented. The installer must use only Quickair™ components and accessories. The installer also ensure that the installation has been properly carried out in-line with the instruction and that it meets all legal requirements.



### Fixing The Tube



Step 1: Cutting the Tubes



Step 2: Grooving the Tubes



Step 3: Chamfering the Tubes

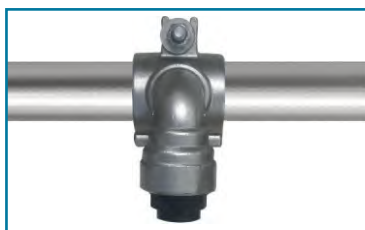


Step 4: Inserting the tubes into fitting

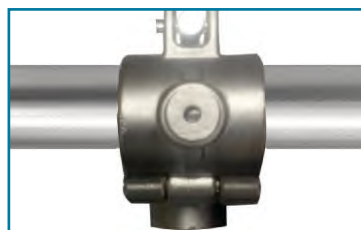


Step 5: Inserting the Tubes into fitting

### Fixing The Drop



Step 1: Positioning the Droplet on the tube



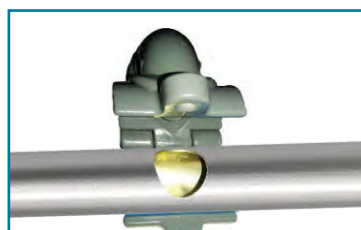
Step 2: Marking the position of the hole on tube



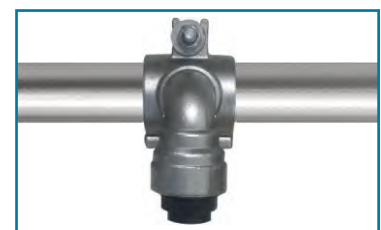
Step 3: Drilling the Required Hole on the tube



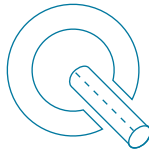
Step 4: Chamfering the hole



Step 5: Aligning the Droplet to the hole



Step 6: Fixing the Droplet on the tube



Distributor :



**Canares Automation Pvt. Ltd.**

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