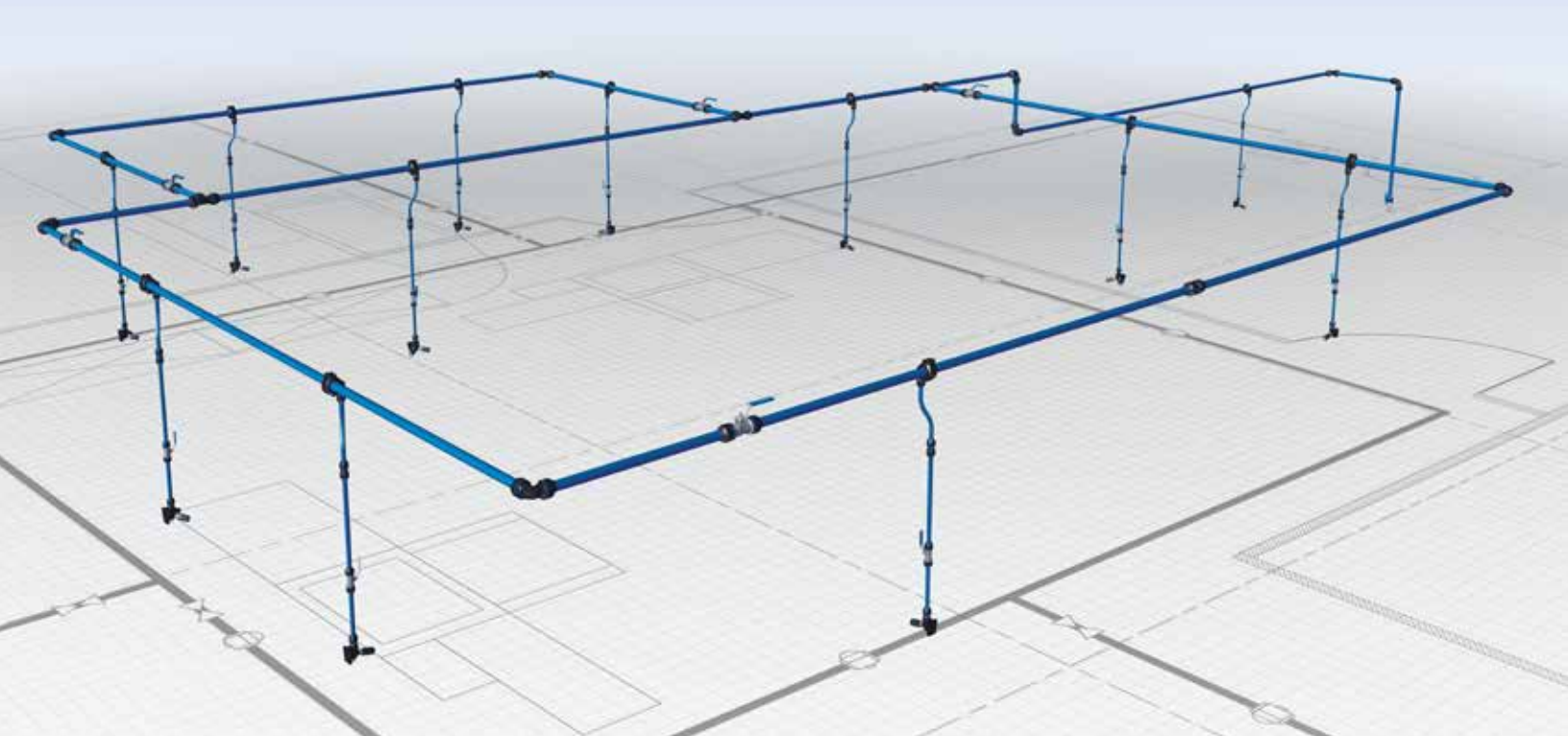




CONNECTED TO INNOVATION

The full aluminum concept



PREVOST PIPING SYSTEM

COMPRESSED AIR NETWORK

PREVOST : a manufacturer at the heart of your networks, connected to innovation

For nearly 40 years, PREVOST has been successfully **designing, manufacturing and marketing** a comprehensive **range of products** for **compressed air and fluid distribution networks, including safety fittings, filtration solutions and pneumatic equipment.**

Prevost has become the preferred partner for companies using pneumatic power.

Every day, our teams work to expand the horizon for our customers :

- through innovation and constantly seeking areas for improvement,
- through the quality of our products, advice and services.

→ CONNECTED TO QUALITY

Prevost is certified according to :



ISO 9001



TÜV : certification of compliance with the Pressure Equipment Directive. PED 2014/68/EU

Our products comply with the requirements of:



Quality of pipe coating



the **REACH** standard: Registration, Evaluation, Authorisation and restriction of Chemicals

American Society of Mechanical Engineers: standard for pressure equipments (ASME B31)

Standard for fire rating of construction products and components (UL 94)



→ CONNECTED TO INNOVATION

An R&D strategy for patented products: PREVOST offers products that provide increasingly optimised performance and enhanced safety, and comply with all applicable standards.

Making the best use of our products : our solutions enable you to optimise yield and improve your return on investment.

European manufacture: our new **PREVOST PIPING SYSTEM** networks range, made entirely from aluminum, is designed and produced in Europe.

→ CONNECTED TO YOUR BUSINESS REQUIREMENTS

We comply with the requirements **of all industries, specialised distributors, decision-makers, architecture firms, design offices and installers.**

→ CONNECTED TO YOUR NEEDS

PREVOST possesses a technical unit dedicated to your designing your network.

▶ **DIAGRAMS and QUOTATION**
for your planned facility ON REQUEST



First-class logistics: our team manages logistical flows so as to ship products on the same day as you place your order.

Our dynamic and responsive sales force is present in more than 80 countries.

Our after-sales department is at your service



What is a compressed air network?

A compressed air network entails **linking a source of compressed air, i.e. one or more compressors, to the power distribution point(s).**

The structure of the PREVOST network is made of aluminum fittings and pipes.

From this loop, pipes with a smaller diameter, known as “**drops**” feed off. Their ends are around **4 ft m from the floor**. These constitute **compressed air distribution points**, to which various equipment (such as Safety fittings, filters, flexible hoses) are attached.



➔ NETWORK DESIGN

To design a network, **the pipe diameter must be determined, taking into account the desired flow rate and the length of the main pipe.** Data calculated for a service pressure of 116 psi (8 bar) with 5% pressure loss.

COMPRESSOR*					MAIN RING LENGTH										
POWER		FLOW			30 m	76 m	152 m	305 m	610 m	914 m	1219 m	1524 m	1981 m		
kW	HP	Nm ³ /h	NI/min	Scfm	100 ft	250 ft	500 ft	1000 ft	2000 ft	3000 ft	4000 ft	5000 ft	6500 ft		
2,2	3,00	22	367	13	1/2"	1/2"	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"		
3	4,00	30	500	18	1/2"	1/2"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"		
4	5,00	40	668	24	1/2"	3/4"	3/4"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"		
5,5	7,50	50	833	29	1/2"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"		
7,5	10,00	70	1167	41	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"		
11	15,00	100	1667	59	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"		
15	20,00	150	2500	88	1"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"	2"	2 1/2"		
18	25,00	180	3000	106	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"		
22	30,00	220	3674	130	1 1/4"	1 1/4"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"		
26	35,00	260	4167	147	1 1/2"	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"		
30	40,00	350	5833	206	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	3"	3"		
37	50,00	370	6179	218	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"		
45	60,00	500	8350	294	2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"	3"		
55	75,00	550	9185	324	2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"			
75	100	750	12500	441	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	3"					
90	125	1000	16667	589	2 1/2"	2 1/2"	2 1/2"	3"	3"						
110	150	1100	18370	649	2 1/2"	2 1/2"	2 1/2"	3"							
132	175	1500	25000	883	3"	3"	3"	3"							
160	215	1750	29167	1030	3"	3"	3"								
200	270	2000	33333	1177	3"	3"	3"								

* These values may vary slightly from compressor data

➔ EXPANSION OF MATERIALS

Aluminum is subject **to expansion and contraction phenomena** in the event of temperature changes. To compensate for this, it is advisable **to use piping capable of absorbing this variation.**

Flexible hoses serve this purpose. They also make it possible to **change direction** (corners) and **circumvent any obstacles** in the workshop (pillars, beams, etc.).

Expansion coefficient: 13.7×10^{-6} inch per inch per degree Fahrenheit

Expansion is calculated as follows :

C = Expansion coefficient

L = Length of the straight stretch (between two fixed points)

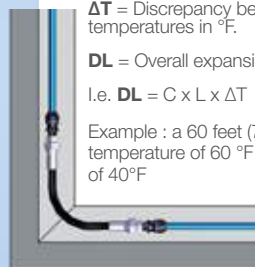
ΔT = Discrepancy between the maximum and minimum ambient temperatures in °F.

DL = Overall expansion

i.e. **DL** = C x L x ΔT

Example : a 60 feet (720 inches) line using 1 1/2" piping, at an ambient temperature of 60 °F with a maximum temperature 100°F, i.e. a difference of 40°F

DL: $13.7 \times 10^{-6} \times 720 \text{ (in)} \times 40 \text{ (°F)} = 0.39 \text{ inch}$



PREVOST PIPING SYSTEM

The 100% aluminum concept

The new **PREVOST PIPING SYSTEM** compressed air network range comprises compact, **lightweight and corrosion resistant pipes and fittings made entirely from aluminum.**

They are quick and easy to install and can be pressurised immediately.

The **PREVOST PIPING SYSTEM** range ensures :

- a **clean and good-quality air** supply
- a **leaktight network** and **optimised flow rate**
- an operating pressure of 232 psi.

Workstations are well supplied, accessible and ergonomic. The system is long-lasting and can easily be adapted.

Advantages of the new **PREVOST PIPING SYSTEM** range

➔ IMPACT STRENGTH

Aluminum offers excellent mechanical **resistance to pressure and to impacts.**

➔ COMPACT AND LIGHTWEIGHT

The upgraded design of the new **PPS1** aluminum fitting is more **compact, lighter and more resistant.**

➔ TECHNICAL AND MODERN MATERIAL

The aluminum alloy used, combined with epoxy paint on the outside and a treatment on the inside, **protects the pipe against the risks of oxidation and corrosion.**

➔ QUICK AND EASY TO ASSEMBLE

Simply insert the pipe into the fitting, and then tighten the **PPS1 fitting.**

➔ FULLY ADAPTABLE

The **PPS1** fitting ensures that facilities are modular and scalable.

➔ COMPATIBILITY WITH COMPRESSOR OILS

Aluminum is compatible with compressor lubricants.

➔ LEAKTIGHT WITH VERY LOW PRESSURE LOSS

The « **PPS Grip Concept** » ensures a **flawless connection** and zero leaks. **Flow rates** are **optimised** thanks to a perfectly smooth internal pipe surface, a low friction coefficient, and a large internal diameter.

PREVOST PIPING SYSTEM

100% aluminum pipes



PIPE PROPERTIES

- **Material:** extruded aluminum alloy: EN AW 6060 T6 UNI-EN 573-3
- **Coating:** electrostatic and epoxy paint, RAL 5012 (compliant with RoHS standard)
- **Extrusion quality:** calibrated, seamless
- **Compatible fluids:** compressed air, vacuum, neutral gases
- **Pipe lengths:** 6 meters (19.70 ft) (except diameter 1/2" in 4 meters (13.12 ft) length)
- **Density:** 170 lb/ft³
- **Pipe external diameter:** 1/2" (16 mm), 3/4" (20 mm), 1" (25 mm), 1 1/4" (32 mm), 1 1/2" (40 mm), 2" (50 mm), 2 1/2" (63 mm), 3" (80 mm)

Prevost offers a wide range of 100% aluminum pipes for compressed air, vacuum and nitrogen.

Blue compressed air pipes, RAL 5012		Grey compressed air and vacuum pipes, RAL 7001		Green nitrogen pipes, RAL 6029	
1/2"	PPS TUB16L4	1/2"	PPS TUG16L4	3/4"	PPS TUV20L6
3/4"	PPS TUB20L6	3/4"	PPS TUG20L6	1"	PPS TUV25L6
1"	PPS TUB25L6	1"	PPS TUG25L6		
1 1/4"	PPS TUB32L6	1 1/2"	PPS TUG32L6		
1 1/2"	PPS TUB40L6	1 1/2"	PPS TUG40L6		
2"	PPS TUB50L6	2"	PPS TUG50L6		
2 1/2"	PPS TUB63L6	2 1/2"	PPS TUG63L6		
3"	PPS TUB80L6	3"	PPS TUG80L6		

PREVOST PIPING SYSTEM

The 100% aluminum fittings

PREVOST designs and manufactures its new **PPS1** 100% aluminum fittings to ensure that **they are the most compact and effective on the market.**

➔ New concept

Pipes are held in the fitting using a new system: the « **PPS Grip Concept** ». The **PPS Grip Concept** is based on a **stainless steel ring** with teeth that penetrate the aluminum. Leak tight is achieved via a **new contoured and lubricated seal**, with **optimised design** and properties. The seal remains perfectly leaktight even under the harshest conditions.

➔ IDENTIFICATION

The Prevost logo is engraved on each fitting.



➔ DIAMETER

Pipe external diameter in mm and inches



➔ PRESSURE

Maximum service pressure (bar/psi)

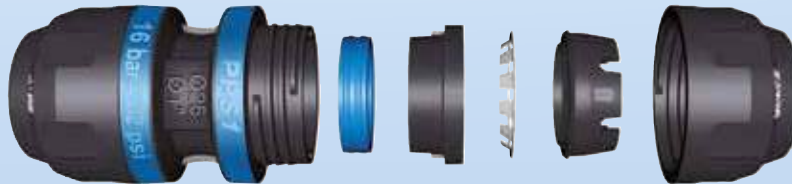


➔ MARKER

to indicate that the pipe is correctly positioned in the fitting

➔ TRACEABILITY

Date of fabrication



➔ LEAKTIGHT

The seal has been specifically designed for this application. It comprises two Teflon-coated lobes to optimise leaktight.

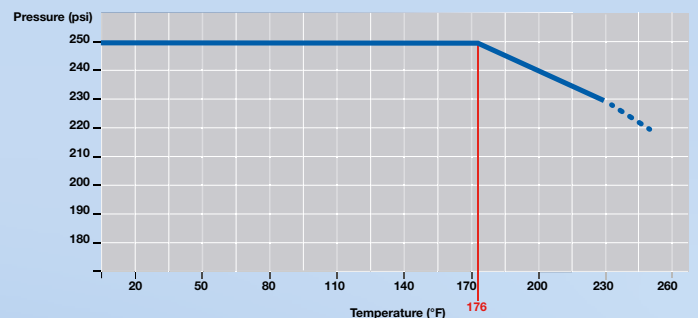
➔ INTERNAL PARTS

Internal parts cannot be detached from the body after assembly

➔ TECHNICAL SPECIFICATIONS

- **Maximum Working Pressure:** 232 psi
- **Vacuum level:** 0.59 inHg
- **Temperature range:** -4°F to 176°F
- **Body and nut:** 100% aluminum, EN AB 46100
- **PPS Grip Concept:** fastening system using teeth

Operating pressure graph as a function of temperature



New range of **PPS1** 100% aluminum fittings:
the most comprehensive on the market

➔ **Diameters from 1/2" to 3"**



➔ **Available configurations**

Straight fittings



Elbows



T-fittings



PREVOST PIPING SYSTEM

100% aluminum fittings

→ Tapping flange

The body and nut are made **entirely of aluminum**. The tapping flange is extremely compact, and is fitted **with an anti-rotation** system and removable half-shell. It allows the pipe to be drilled without disassembly.

The tapping flange forms a «gooseneck» and enables dry air supply to the workstations by drawing air via the wall of the pipe.

The water remaining in the lower section of the main pipe will be drained to a low point via an automatic drain trap.



→ Valves

Available configurations :



pipe / pipe



threaded male / pipe



threaded female / pipe

→ Tightening

The nut and body can be tightened using standard tools and/or with special Prevost wrenches. Torque can be checked using a torque wrench.



PREVOST PIPING SYSTEM

Ground rules for network installation



The **compressor room** should ideally **be spacious, well ventilated, well insulated and separated from the rest of the workshops.**

Machines will **be connected** to the **PPS** network via **hoses** in order to eliminate risks related to vibrations and to enable easier maintenance (refs. LEF and LEM). It is important **to install bypasses between each machine, the tank(s) and the various filters.**

The **main network** should form **a loop**. For safety reasons, it is advisable to install the main compressed air pipes at a minimum height of **8.2 ft** from the floor. The diameter of the main pipe (primary pipe) must be sufficient to avoid pressure losses and allow for future extensions. **The main pipe** must be fixed at a **1%** slope in order to direct condensates towards low points (drain traps).

The pipe will be fastened using a sufficient **number of sliding clamps** to ensure that it is held in place, while allowing for the expansion and contraction of the pipe (ref. PPS C1).

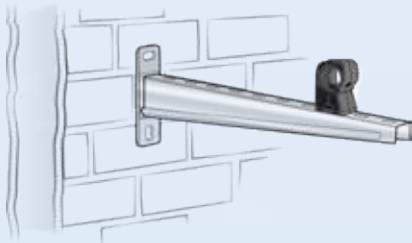
The **residual condensates** will be **drained** from the main line via direct **downpipes installed lower** than the bottom generating line of the pipe and **fitted** with an automatic drain trap system.

➔ Network fastenings

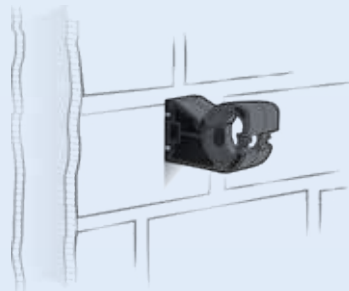
The methods used to fasten the network (to the wall or ceiling) must be selected according to the configuration of the workshop.

The mountings used for the various pipes comprising the installation must be fitted in such a way as to obtain a perfect **alignment that is both solid and well finished**. It is therefore important to comply **with the distances between each mounting**. For correct assembly, a distance of **10 ft** should be left between two clamps.

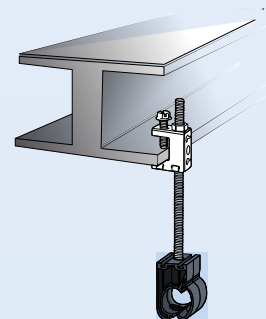
Pipe at a distance from the wall



Pipe parallel to the wall



Pipe suspended



PREVOST PIPING SYSTEM

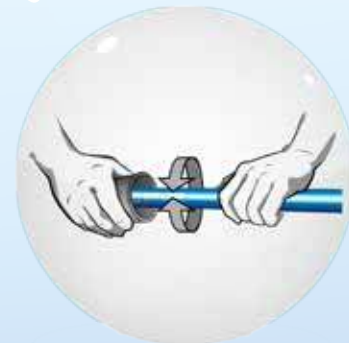
Assembly procedure

CUTTING



The pipe must be cut perpendicular to its length (ref. PPS CTU).

CHAMFERING



Chamfer the external edge of the pipe to make it easier to fit into the fitting and to avoid damage to the seal. A slight chamfer to the inner edge will eliminate any cutting residues. (For diameters 63 and 80 mm, use cutting and chamfering tool ref. PPS CTCHE6380).

TIGHTENING



Re-screw the nut by hand, and then tighten according to recommendations.

ASSEMBLY



Unscrew the nut by several turns, and then insert the pipe while rotating it slightly until the recommended length is reached.
NB: an assembly fluid (ref. PPS AL) is recommended to facilitate the assembly.

MARKING



Mark the tube to indicate the insertion depth in the fitting (use the Part Number marks on the fittings or on the wrench).

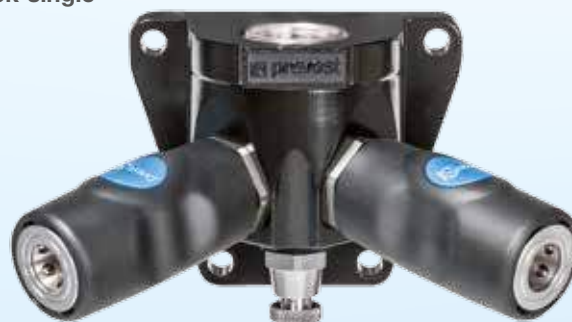
Ergonomic distribution with optimised energy efficiency

PREVOST offers a range of **compressed air network solutions**.

➔ Wall brackets PrevoS1

Wall fasteners are located on downpipes and **provide a safe and quick single or double fitting**.

- Air intake: 1/2" NPT or 3/4" NPT
- Multiple connection profiles
- Material: aluminum alloy
- Robust four-point wall anchoring
- Fitted with manual drain
- Air outlet: two single-press safety fittings
- Anti-whiplash fittings compliant with the ISO 4414 standard ensuring user protection
- Orientable body allowing the button position to be moved
- Quick and easy connection and disconnection



➔ Air treatment units



Air treatment units help to preserve pneumatic tools and equipment. Three treatment levels are recommended :

Cyclone separator: serves to effectively eliminate the largest solid particles and water particles present in compressed air (ref. **SPC**).

25 µm standard filtration: eliminates contaminants present in compressed air (particles, water, etc.). These contaminants are evacuated via the drain valve at the base of the tank (ref. **ALTO**).

For optimum quality, submicron filtration: eliminates various residual contaminants such as solid particles, liquid particles and oil aerosols present in compressed air, with a filtration efficiency of more than 99.99%. This ensures a high-quality air supply (ref. **MICRO AIR**).

➔ Hose reels

Automatic hose reel: this is an essential item to ensure workshop ergonomics. Its **use saves time and enables flexible distribution hoses** to be used in safety and comfort.

All Prevost automatic hose reels comply with the Machinery Directive 2006/42/EC. The following rules are also applied :

- EN ISO 12100: 2010 "Safety of machinery - General principles for design - Risk assessment and risk reduction"
- EN 13857: 2008 "Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs"

For more information, contact us: www.prevost.eu



PREVOST PIPING SYSTEM

Finishing touches

➔ Tapping flange

A tapping port flange is used to install a downpipe to supply a workstation. It takes the place of the former gooseneck fittings and serves to limit the presence of condensates.



➔ Low point

Low points are required to ensure correct drainage of condensates. These downpipes must be positioned at strategic locations along the network. Condensates may be drained using any conventional drainage system (electronic drain trap, automatic drain trap, valve). Cut-off valves are used to isolate certain parts of the network for maintenance purposes.



➔ Wall-mounted connection

The offset link pipe connection serves to compensate for different centre-to-centre spacings.

Between the filtration assembly and the network.

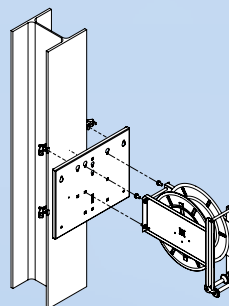


Between the tapping and the wall.

➔ Plates to mount network accessories on IPN / HEA beams



These enable workstations **to be arranged in a safe and ergonomic** manner. The metal plates, used with attachment systems adapted for IPN / HEA beams, **make it possible to fasten equipment in place** quickly and **safely**, without drilling or welding, **in accordance with prevailing requirements**. These plates are designed to receive the following :

- Open and closed reels
- Wall mounts
- **ALTO** air treatment assemblies
- Universal brackets + accessories





PPS SYSTEM ALL ALUMINUM RINGMAINS



PPS - Aluminum pipe for compressed air

		A	B	C	D	Pipe OD (in) (mm)	Length (ft) (m)	Part Number
		-	-	-	-	-	1/2" / 16 mm	13.12 ft / 4 m
0.051	-	-	-	-	3/4" / 20 mm	19.70 ft / 6 m	PPS TUB20L6	
0.055	-	-	-	-	1" / 25 mm	19.70 ft / 6 m	PPS TUB25L6	
0.059	-	-	-	-	1 1/4" / 32 mm	19.70 ft / 6 m	PPS TUB32L6	
0.071	-	-	-	-	1 1/2" / 40 mm	19.70 ft / 6 m	PPS TUB40L6	
0.079	-	-	-	-	2" / 50 mm	19.70 ft / 6 m	PPS TUB50L6	
0.079	-	-	-	-	2 1/2" / 63 mm	19.70 ft / 6 m	PPS TUB63L6	
0.094	-	-	-	-	3" / 80 mm	19.70 ft / 6 m	PPS TUB80L6	


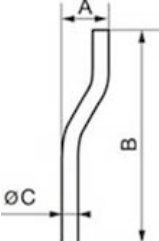
PPS - Aluminum pipe for compressed air and vacuum

		A	B	C	D	Pipe OD (in) (mm)	Length (ft)	Part Number
		-	-	-	-	-	1/2" / 16 mm	13.12 ft / 4 m
0.051	-	-	-	-	3/4" / 20 mm	19.70 ft / 6 m	PPS TUG20L6	
0.055	-	-	-	-	1" / 25 mm	19.70 ft / 6 m	PPS TUG25L6	
0.059	-	-	-	-	1 1/4" / 32 mm	19.70 ft / 6 m	PPS TUG32L6	
0.071	-	-	-	-	1 1/2" / 40 mm	19.70 ft / 6 m	PPS TUG40L6	
0.079	-	-	-	-	2" / 50 mm	19.70 ft / 6 m	PPS TUG50L6	
0.079	-	-	-	-	2 1/2" / 63 mm	19.70 ft / 6 m	PPS TUG63L6	
0.094	-	-	-	-	3" / 80 mm	19.70 ft / 6 m	PPS TUG80L6	

PPS - Aluminum pipe for compressed air and nitrogen


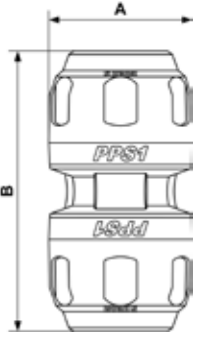
		A	B	C	D	Pipe OD (in) (mm)	Length (ft)	Part Number
		0.051	-	-	-	-	3/4" / 20 mm	19.70 ft / 6 m
0.055	-	-	-	-	1" / 25 mm	19.70 ft / 6 m	PPS TUV25L6	

PPS - Aluminum offset link pipe



		A	B	C	D	Pipe OD (in) (mm)	Part Number
		3.15	18.701	0.63	-	1/2" / 16 mm	PPS LMCB16
3.543	18.898	0.787	-	3/4" / 20 mm	PPS LMCB20		
2.953	19.094	0.984	-	1" / 25 mm	PPS LMCB25		

PPS SYSTEM ALL ALUMINUM RINGMAINS


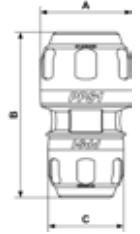
PPS1 UN - Aluminum union for pipe

		A	B	C	D	For pipe OD (in) (mm)	Part Number
		1.26	2.52	-	-	1/2" / 16 mm	PPS1 UN16
		1.496	3.071	-	-	3/4" / 20 mm	PPS1 UN20
		1.811	3.543	-	-	1" / 25 mm	PPS1 UN25
		2.244	4.173	-	-	1 1/4" / 32 mm	PPS1 UN32
		2.677	4.921	-	-	1 1/2" / 40 mm	PPS1 UN40
		3.307	5.984	-	-	2" / 50 mm	PPS1 UN50
		3.937	6.811	-	-	2 1/2" / 63 mm	PPS1 UN63
		4.764	8.071	-	-	3" / 80 mm	PPS1 UN80


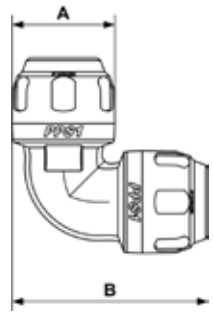
PPS1 UNS - Aluminum female slide union for pipe

		A	B	C	D	For pipe OD (in) (mm)	Part Number
		1.811	3.543	-	-	1" / 25 mm	PPS1 UNS25
		2.244	4.173	-	-	1 1/4" / 32 mm	PPS1 UNS32
		2.677	4.921	-	-	1 1/2" / 40 mm	PPS1 UNS40
		3.307	5.984	-	-	2" / 50 mm	PPS1 UNS50
		3.937	6.811	-	-	2 1/2" / 63 mm	PPS1 UNS63
		4.764	8.071	-	-	3" / 80 mm	PPS1 UNS80

PPS1 MR - Aluminum pipe reducing fitting


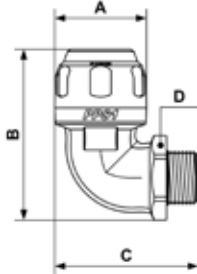
		A	B	C	D	For pipe OD (in) (mm)	For pipe OD (in)	Part Number
		1.811	3.346	1.496	-	1" / 25 mm	3/4" / 20 mm	PPS1 MR2520
		2.244	4.016	1.811	-	1 1/4" / 32 mm	1" / 25 mm	PPS1 MR3225
		2.677	4.803	2.244	-	1 1/2" / 40 mm	1 1/4" / 32 mm	PPS1 MR4032
		3.307	5.591	2.677	-	2" / 50 mm	1 1/2" / 40 mm	PPS1 MR5040
		3.937	6.693	3.307	-	2 1/2" / 63 mm	2" / 50 mm	PPS1 MR6350
		4.764	7.638	3.937	-	3" / 80 mm	2 1/2" / 63 mm	PPS1 MR8063

PPS1 9C - 90° Aluminum union elbow for pipe


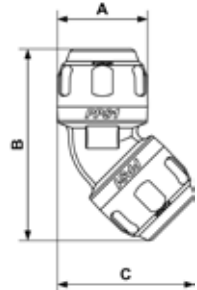
		A	B	C	D	For pipe OD (in) (mm)	Part Number
		1.26	2.441	-	-	1/2" / 16 mm	PPS1 9C16
		1.496	2.874	-	-	3/4" / 20 mm	PPS1 9C20
		1.811	3.504	-	-	1" / 25 mm	PPS1 9C25
		2.244	4.173	-	-	1 1/4" / 32 mm	PPS1 9C32
		2.677	5.315	-	-	1 1/2" / 40 mm	PPS1 9C40
		3.307	5.945	-	-	2" / 50 mm	PPS1 9C50
		3.937	7.087	-	-	2 1/2" / 63 mm	PPS1 9C63
		4.764	8.583	-	-	3" / 80 mm	PPS1 9C80

PPS SYSTEM ALL ALUMINUM RINGMAINS



PPS1 9CM - 90° Aluminum tapered male threaded elbow for pipe

			A	B	C	D	For pipe OD (in) (mm)	NPT male thread	Part Number
			1.26	2.362	1.969	1.024	1/2" / 16 mm	3/8" MNPT	PPS1 9CM16252
1.26	2.362	2.165	1.024	1/2" / 16 mm	1/2" MNPT	PPS1 9CM16253			
1.496	2.835	2.402	1.26	3/4" / 20 mm	1/2" MNPT	PPS1 9CM20253			
1.811	3.425	2.795	1.496	1" / 25 mm	1/2" MNPT	PPS1 9CM25253			
1.811	3.425	2.835	1.496	1" / 25 mm	3/4" MNPT	PPS1 9CM25254			
2.244	4.055	3.465	1.811	1 1/4" / 32 mm	1" MNPT	PPS1 9CM32255			
2.677	4.843	4.173	2.244	1 1/2" / 40 mm	1 1/4" MNPT	PPS1 9CM40256			
2.677	4.843	4.173	2.244	1 1/2" / 40 mm	1 1/2" MNPT	PPS1 9CM40257			

PPS1 4C - 45° Aluminum equal female elbow for pipe


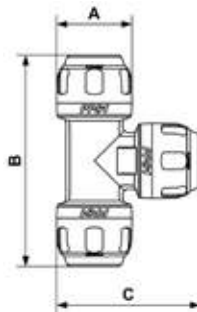
			A	B	C	D	For pipe OD (in) (mm)	Part Number
			1.26	2.756	1.969	-	1/2" / 16 mm	PPS1 4C16
1.496	3.268	2.323	-	3/4" / 20 mm	PPS1 4C20			
1.811	3.858	2.756	-	1" / 25 mm	PPS1 4C25			
2.244	4.606	3.346	-	1 1/4" / 32 mm	PPS1 4C32			
2.677	5.512	4.016	-	1 1/2" / 40 mm	PPS1 4C40			

PPS1 B0 - Aluminum Pipe Cap


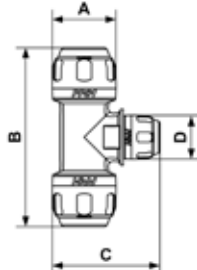
			A	B	C	D	For pipe OD (in) (mm)	Part Number
			1.26	1.772	-	-	1/2" / 16 mm	PPS1 B016
1.496	2.087	-	-	3/4" / 20 mm	PPS1 B020			
1.811	2.402	-	-	1" / 25 mm	PPS1 B025			
2.244	2.756	-	-	1 1/4" / 32 mm	PPS1 B032			
2.677	3.346	-	-	1 1/2" / 40 mm	PPS1 B040			
3.307	3.976	-	-	2" / 50 mm	PPS1 B050			
3.937	4.882	-	-	2 1/2" / 63 mm	PPS1 B063			
4.764	5.748	-	-	3" / 80 mm	PPS1 B080			

PPS SYSTEM ALL ALUMINUM RINGMAINS


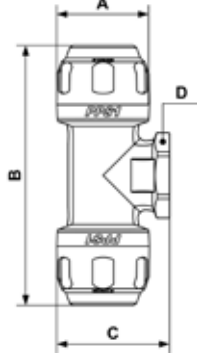
PPS1 TE - Aluminum equal female tee fitting for pipe

		A	B	C	D	For pipe OD (in) (mm)	Part Number
		1.26	3.543	2.441	-	1/2" / 16 mm	PPS1 TE16
1.49	4.251	2.874	-	3/4" / 20 mm	PPS1 TE20		
1.811	5.157	3.504	-	1" / 25 mm	PPS1 TE25		
2.244	6.102	4.173	-	1 1/4" / 32 mm	PPS1 TE32		
2.677	7.205	5.315	-	1 1/2" / 40 mm	PPS1 TE40		
3.307	8.622	5.945	-	2" / 50 mm	PPS1 TE50		
3.937	10.276	7.087	-	2 1/2" / 63 mm	PPS1 TE63		
4.764	12.402	8.583	-	3" / 80 mm	PPS1 TE80		

PPS1 TR - Aluminum reducing branch tee for pipe


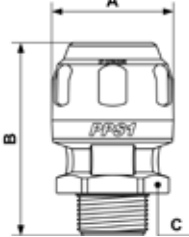
		A	B	C	D	For pipe OD (in) (mm)	For pipe OD (in)	Part Number
		1.496	4.252	2.598	1.26	3/4" / 20 mm	1/2" / 16 mm	PPS1 TR2016
1.811	5.157	3.071	1.26	1" / 25 mm	1/2" / 16 mm	PPS1 TR2516		
1.811	5.157	3.268	1.496	1" / 25 mm	3/4" / 20 mm	PPS1 TR2520		
2.244	6.102	3.583	1.26	1 1/4" / 32 mm	1/2" / 16 mm	PPS1 TR3216		
2.244	6.102	3.78	1.496	1 1/4" / 32 mm	3/4" / 20 mm	PPS1 TR3220		
2.244	6.102	4.016	1.811	1 1/4" / 32 mm	1" / 25 mm	PPS1 TR3225		

PPS1 TT - Aluminum parallel female threaded tee fitting for pipe


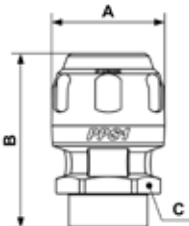
		A	B	C	D	For pipe OD (in) (mm)	NPT female thread	Part Number
		1.26	3.543	1.575	1.024	1/2" / 16 mm	3/8" FNTP	PPS1 TT16202
1.496	4.252	1.85	1.26	3/4" / 20 mm	1/2" FNTP	PPS1 TT20203		
1.811	5.157	2.205	1.496	1" / 25 mm	1/2" FNTP	PPS1 TT25203		
1.811	5.157	2.205	1.496	1" / 25 mm	3/4" FNPT	PPS1 TT25204		
2.244	6.102	2.677	1.811	1 1/4" / 32 mm	3/4" FNTP	PPS1 TT32204		
2.244	6.102	2.677	1.811	1 1/4" / 32 mm	1" FNTP	PPS1 TT32205		
2.677	7.205	3.346	2.244	1 1/2" / 40 mm	3/4" FNPT	PPS1 TT40204		
2.677	7.205	3.346	2.244	1 1/2" / 40 mm	1" FNPT	PPS1 TT40205		
2.677	7.205	3.346	2.244	1 1/2" / 40 mm	1 1/4" FNPT	PPS1 TT40206		
3.307	8.622	3.976	2.835	2" / 50 mm	1" FNPT	PPS1 TT50205		
3.307	8.622	3.976	2.835	2" / 50 mm	1 1/4" FNPT	PPS1 TT50206		
3.307	8.622	3.976	2.835	2" / 50 mm	1 1/2" FNPT	PPS1 TT50207		
3.937	10.276	5.079	3.543	2 1/2" / 63 mm	1" FNPT	PPS1 TT63205		
3.937	10.276	5.079	3.543	2 1/2" / 63 mm	1 1/4" FNPT	PPS1 TT63206		
3.937	10.276	5.079	3.543	2 1/2" / 63 mm	1 1/2" FNPT	PPS1 TT63207		
3.937	10.276	5.079	3.543	2 1/2" / 63 mm	2" FNPT	PPS1 TT63208		
4.764	12.402	6.102	4.331	3" / 80 mm	1" FNPT	PPS1 TT80205		
4.764	12.402	6.102	4.331	3" / 80 mm	1 1/2" FNPT	PPS1 TT80207		
4.764	12.402	6.102	4.331	3" / 80 mm	2" FNPT	PPS1 TT80208		
4.764	12.402	6.102	4.331	3" / 80 mm	2 1/2" FNPT	PPS1 TT80209		

PPS SYSTEM ALL ALUMINUM RINGMAINS

PPS1 MM - Aluminum tapered male threaded straight fitting for pipe


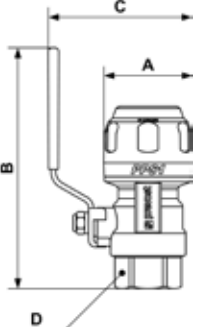
		A	B	C	D	For pipe OD (in) (mm)	NPT male thread	Part Number
		1.26	2.047	1.024	-	1/2" / 16 mm	3/8" MNPT	PPS1 MM16252
		1.26	2.283	1.024	-	1/2" / 16 mm	1/2" MNPT	PPS1 MM16253
		1.496	2.559	1.26	-	3/4" / 20 mm	1/2" MNPT	PPS1 MM20253
		1.496	2.638	1.26	-	3/4" / 20 mm	3/4" MNPT	PPS1 MM20254
		1.811	2.874	1.496	-	1" / 25 mm	1/2" MNPT	PPS1 MM25253
		1.811	2.913	1.496	-	1" / 25 mm	3/4" MNPT	PPS1 MM25254
		1.811	3.071	1.496	-	1" / 25 mm	1" MNPT	PPS1 MM25255
		2.244	3.465	1.811	-	1 1/4" / 32 mm	1" MNPT	PPS1 MM32255
		2.244	3.504	1.811	-	1 1/4" / 32 mm	1 1/4" MNPT	PPS1 MM32256
		2.677	4.173	2.244	-	1 1/2" / 40 mm	1 1/4" MNPT	PPS1 MM40256
		2.677	4.173	2.244	-	1 1/2" / 40 mm	1 1/2" MNPT	PPS1 MM40257
		3.307	4.724	2.835	-	2" / 50 mm	1 1/2" MNPT	PPS1 MM50257
		3.307	4.882	2.835	-	2" / 50 mm	2" MNPT	PPS1 MM50258
		3.937	5.748	3.543	-	2 1/2" / 63 mm	2" MNPT	PPS1 MM63258
		3.937	5.984	3.543	-	2 1/2" / 63 mm	2 1/2" MNPT	PPS1 MM63259
		4.764	6.811	4.331	-	3" / 80 mm	2 1/2" MNPT	PPS1 MM80259
		4.764	6.89	4.331	-	3" / 80 mm	3" MNPT	PPS1 MM802510

PPS1 MF - Aluminum female threaded straight fitting for pipe


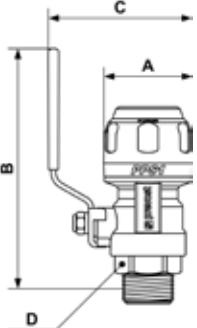
		A	B	C	D	For pipe OD (in)	NPT female thread	Part Number
		1.26	2.087	1.024	-	1/2" / 16 mm	3/8" FNPT	PPS1 MF16202
		1.496	2.48	1.26	-	3/4" / 20 mm	1/2" FNPT	PPS1 MF20203
		1.496	2.48	1.26	-	3/4" / 20 mm	3/4" FNPT	PPS1 MF20204
		1.811	2.835	1.496	-	1" / 25 mm	1/2" FNPT	PPS1 MF25203
		1.811	2.835	1.496	-	1" / 25 mm	3/4" FNPT	PPS1 MF25204
		1.811	2.835	1.496	-	1" / 25 mm	1" FNPT	PPS1 MF25205
		2.244	3.268	1.811	-	1 1/4" / 32 mm	1" FNPT	PPS1 MF32205
		2.677	3.858	2.244	-	1 1/2" / 32 mm	1 1/4" FNPT	PPS1 MF40206
		2.677	4.055	2.244	-	1 1/2" / 40 mm	1 1/2" FNPT	PPS1 MF40207
		3.307	4.331	2.835	-	2" / 50 mm	1 1/2" FNPT	PPS1 MF50207
		3.307	4.528	2.835	-	2" / 50 mm	2" FNPT	PPS1 MF50208
		3.937	5.394	3.543	-	2 1/2" / 63 mm	2" FNPT	PPS1 MF63208
		3.937	5.591	3.543	-	2 1/2" / 63 mm	2 1/2" FNPT	PPS1 MF63209
		4.764	6.457	4.331	-	3" / 80 mm	2 1/2" FNPT	PPS1 MF80209
		4.764	6.457	4.331	-	3" / 80 mm	3" FNPT	PPS1 MF802010

PPS SYSTEM ALL ALUMINUM RINGMAINS


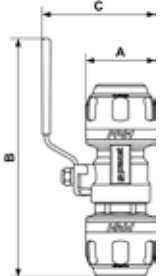
PPS1 RSIF - Aluminum parallel female threaded valves with fittings for pipe

			A	B	C	D	For pipe OD (in)	NPT female thread	Part Number
			2.677	6.181	3.902	-	1 1/2" / 40 mm	1 1/4" FNPT	PPS1 RSIF40206
3.307	8.051	4.823	-	2" / 50 mm	1 1/2" FNPT	PPS1 RSIF50207			
3.937	10.63	12.362	-	2 1/2" / 63 mm	2" FNPT	PPS1 RSIF63208			
4.764	11.811	9.843	-	3" / 80 mm	2 1/2" FNPT	PPS1 RSIF80209			
1.26	4.764	2.52	-	1/2" / 16 mm	1/2" FNPT	PPS1 RSIF16203			
1.496	4.764	2.598	-	3/4" / 20 mm	1/2" FNPT	PPS1 RSIF20203			
1.811	4.921	2.953	-	1" / 25 mm	3/4" FNPT	PPS1 RSIF25204			
2.244	5.945	3.346	-	1 1/4" / 32 mm	1" FNPT	PPS1 RSIF32205			

PPS1 RSIM - Aluminum parallel male threaded valves with fittings for pipe


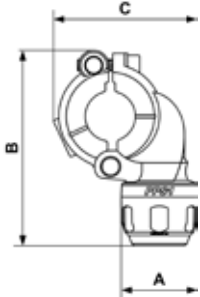
			A	B	C	D	For pipe OD (in)	NPT male thread	Part Number
			1.26	5.118	2.52	-	1/2" / 16 mm	1/2" MNPT	PPS1 RSIM16253
1.496	5.118	2.598	-	3/4" / 20 mm	1/2" MNPT	PPS1 RSIM20253			
1.811	5.236	2.953	-	1" / 25 mm	3/4" MNPT	PPS1 RSIM25254			
2.244	6.299	3.346	-	1 1/4" / 32 mm	1" MNPT	PPS1 RSIM32255			
2.677	6.634	3.902	-	1 1/2" / 40 mm	1 1/4" MNPT	PPS1 RSIM40256			
3.307	8.465	4.823	-	2" / 50 mm	1 1/2" MNPT	PPS1 RSIM50257			

PPS1 RSI - Aluminum piping ball valve


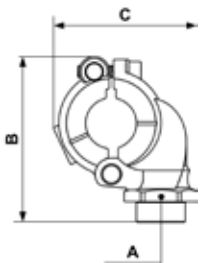
			A	B	C	D	For pipe OD (mm)	Part Number
			1.259	5.511	2.519	-	1/2" / 16 mm	PPS1 RSI16
1.496	5.787	2.598	-	3/4" / 20 mm	PPS1 RSI20			
1.181	6.181	2.952	-	1" / 25 mm	PPS1 RSI25			
2.244	7.440	3.346	-	1 1/4" / 32 mm	PPS1 RSI32			
2.677	7.953	3.902	-	1 1/2" / 40 mm	PPS1 RSI40			
3.307	9.213	4.823	-	2" / 50 mm	PPS1 RSI50			
3.937	13.976	8.425	-	2 1/2" / 63 mm	PPS1 RSI63			
4.764	15.512	9.843	-	3" / 80 mm	PPS1 RSI80			

PPS SYSTEM ALL ALUMINUM RINGMAINS

PPS1 BP - Aluminum tapping flange for pipe


		A	B	C	D	For pipe OD main line	For pipe OD drop	Part Number
						(in) (mm)	(in) (mm)	
		1.26	3.701	2.756	-	1" / 25 mm	1/2" / 16 mm	PPS1 BP2516
		1.496	3.858	2.835	-	1" / 25 mm	3/4" / 20 mm	PPS1 BP2520
		1.26	3.701	2.756	-	1 1/4" / 32 mm	1/2" / 16 mm	PPS1 BP3216
		1.496	3.858	2.835	-	1 1/4" / 32 mm	3/4" / 20 mm	PPS1 BP3220
		1.26	4.803	4.016	-	1 1/2" / 40 mm	1/2" / 16 mm	PPS1 BP4016
		1.496	5	4.016	-	1 1/2" / 40 mm	3/4" / 20 mm	PPS1 BP4020
		1.811	5.118	4.055	-	1 1/2" / 40 mm	1" / 25 mm	PPS1 BP4025
		1.26	4.803	4.016	-	2" / 50 mm	1/2" / 16 mm	PPS1 BP5016
		1.496	5	4.016	-	2" / 50 mm	3/4" / 20 mm	PPS1 BP5020
		1.811	5.118	4.055	-	2" / 50 mm	1" / 25 mm	PPS1 BP5025
		1.496	6.417	5.787	-	2 1/2" / 63 mm	3/4" / 20 mm	PPS1 BP6320
		1.811	6.575	5.787	-	2 1/2" / 63 mm	1" / 25 mm	PPS1 BP6325
		2.244	6.496	5.787	-	2 1/2" / 63 mm	1 1/4" / 32 mm	PPS1 BP6332
		1.496	6.417	5.787	-	3" / 80 mm	3/4" / 20 mm	PPS1 BP8020
		1.811	6.575	5.787	-	3" / 80 mm	1" / 25 mm	PPS1 BP8025
		2.244	6.496	5.787	-	3" / 80 mm	1 1/4" / 32 mm	PPS1 BP8032

PPS1 BT - Aluminum threaded tapping flange for pipe


		A	B	C	D	For pipe OD main line	NPT female thread	Part Number
						(in) (mm)		
		1.26	3.228	2.756	-	1" / 25 mm	3/8" FNPT	PPS1 BT25202
		1.26	3.228	2.756	-	1" / 25 mm	1/2" FNPT	PPS1 BT25203
		1.26	3.228	2.756	-	1 1/4" / 32 mm	1/2" FNPT	PPS1 BT32203
		1.26	3.307	2.756	-	1 1/4" / 32 mm	3/4" FNPT	PPS1 BT32204
		1.732	4.331	4.016	-	1 1/2" / 40 mm	1/2" FNPT	PPS1 BT40203
		1.732	4.331	4.016	-	1 1/2" / 40 mm	3/4" FNPT	PPS1 BT40204
		1.732	4.331	4.016	-	1 1/2" / 40 mm	1" FNPT	PPS1 BT40205
		1.732	4.331	4.016	-	2" / 50 mm	1/2" FNPT	PPS1 BT50203
		1.732	4.331	4.016	-	2" / 50 mm	3/4" FNPT	PPS1 BT50204
		1.732	4.331	4.016	-	2" / 50 mm	1" FNPT	PPS1 BT50205
		2.244	6.339	5.787	-	2 1/2" / 63 mm	1/2" FNPT	PPS1 BT63203
		2.244	6.339	5.787	-	2 1/2" / 63 mm	3/4" FNPT	PPS1 BT63204
		2.244	6.378	5.787	-	2 1/2" / 63 mm	1" FNPT	PPS1 BT63205
		2.244	6.339	5.787	-	3" / 80 mm	1/2" FNPT	PPS1 BT80203
		2.244	6.339	5.787	-	3" / 80 mm	3/4" FNPT	PPS1 BT80204
		2.244	6.378	5.787	-	3" / 80 mm	1" FNPT	PPS1 BT80205

PPS SYSTEM ALL ALUMINUM RINGMAINS


PPS1 NUT - Aluminum nut

	A	B	C	D	For fitting Ø (in) (mm)	Part Number
	-	-	-	-	1/2" / 16 mm	PPS1 NUT16
	-	-	-	-	3/4" / 20 mm	PPS1 NUT20
	-	-	-	-	1" / 25 mm	PPS1 NUT25
	-	-	-	-	1 1/4" / 32 mm	PPS1 NUT32
	-	-	-	-	1 1/2" / 40 mm	PPS1 NUT40
	-	-	-	-	2" / 50 mm	PPS1 NUT50
	-	-	-	-	2 1/2" / 63 mm	PPS1 NUT63
	-	-	-	-	3" / 80 mm	PPS1 NUT80

PPS1 SEAL - Gasket kit


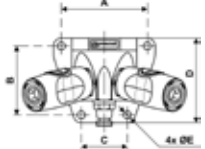
	A	B	C	D	For fitting Ø (in) (mm)	Part Number
	-	-	-	-	1/2" / 16 mm	PPS1 SEAL16
	-	-	-	-	3/4" / 20 mm	PPS1 SEAL20
	-	-	-	-	1" / 25 mm	PPS1 SEAL25
	-	-	-	-	1 1/4" / 32 mm	PPS1 SEAL32
	-	-	-	-	1 1/2" / 40 mm	PPS1 SEAL40
	-	-	-	-	2" / 50 mm	PPS1 SEAL50
	-	-	-	-	2 1/2" / 63 mm	PPS1 SEAL63
	-	-	-	-	3" / 80 mm	PPS1 SEAL80

PPS1 IP - Internal parts kit


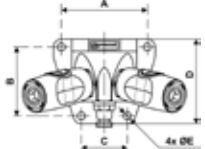
	A	B	C	D	For fitting Ø (in) (mm)	Part Number
	-	-	-	-	1/2" / 16 mm	PPS1 IP16
	-	-	-	-	3/4" / 20 mm	PPS1 IP20
	-	-	-	-	1" / 25 mm	PPS1 IP25
	-	-	-	-	1 1/4" / 32 mm	PPS1 IP32
	-	-	-	-	1 1/2" / 40 mm	PPS1 IP40
	-	-	-	-	2" / 50 mm	PPS1 IP50
	-	-	-	-	2 1/2" / 63 mm	PPS1 IP63
	-	-	-	-	3" / 80 mm	PPS1 IP80

PREVO S1 DOUBLE WALL MANIFOLDS


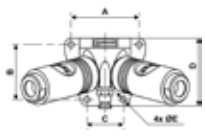
Female threaded double wall manifold - 2 couplings and drain - 1/4" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	1/2" FBSP	ISI 06	ISI 068203WK
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 06	ISI 068204WK


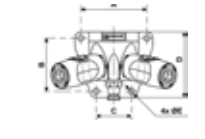
Female threaded double wall manifold - 2 couplings and drain - 3/8" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	1/2" FBSP	ISI 08	ISI 088203WK
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 08	ISI 088204WK


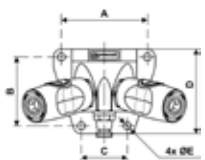
Female threaded double wall manifold - 2 couplings and drain - 1/2" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 11	ISI 118204WK


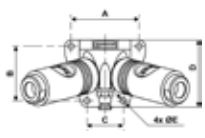
Female threaded double wall manifold - 2 couplings and drain - 1/4" Automotive Truflate Profile

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	1/2" FBSP	USI 06	USI 068203WK
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 06	USI 068204WK

Female threaded double wall manifold - 2 couplings and drain - 3/8" Automotive Truflate Profile


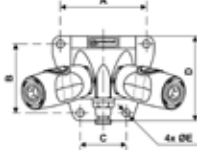
		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	1/2" FBSP	USI 08	USI 088203WK
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 08	USI 088204WK

Female threaded double wall manifold - 2 couplings and drain - 1/2" Automotive Truflate Profile


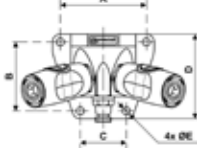
		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 11	USI 118204WK

PREVO S1 DOUBLE WALL MANIFOLDS


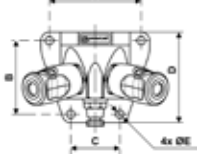
Female threaded double wall manifold - 2 couplings and drain - 3/8" High Flow Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	1/2" FBSP	ESI 07	ESI 078203WK
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 07	ESI 078204WK


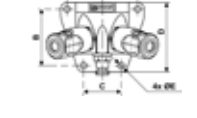
Female threaded double wall manifold - 2 couplings and drain - 1/4" ARO 210 Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	1/2" FBSP	ASI 06	ASI 068203WK
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ASI 06	ASI 068204WK


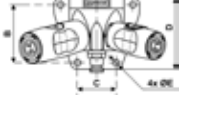
Female threaded double wall manifold - 2 couplings and drain - 1/4" ISO 6150 C Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	1/2" FBSP	CSI 06	CSI 068103WK
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	CSI 06	CSI 068104WK


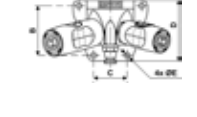
Female threaded double wall manifold - 2 couplings and drain - 3/8" ISO 6150 C Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	1/2" FBSP	CSI 08	CSI 088103WK
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	CSI 08	CSI 088104WK

Female threaded two port wall bracket - 2 couplings and drain - ISO B Profile and ARO - ID passage 8 and 6 mm


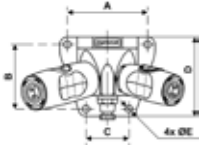
		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 06	ISI 068104WKA6

Female threaded double wall manifold - 2 couplings and drain - 1/4" Industrial Interchange and 3/8" High flow profile


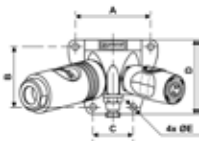
		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 06	ISI 068104WKE7

PREVO S1 MIXED WALL MANIFOLDS


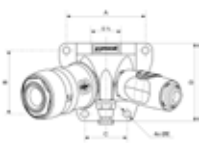
Female threaded double wall manifold - 2 couplings and drain - 3/8" and 1/4" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 08 ISI 06	ISI 088104WKI6


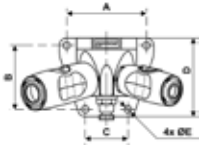
Female threaded double wall manifold - 2 couplings and drain - 1/2" and 1/4" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 11 ISI 06	ISI 118104WKI6


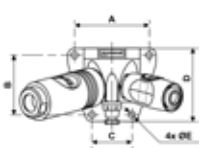
Female threaded double wall manifold - 2 couplings and drain - 1/2" Industrial Interchange - ISG and 1/4" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISG 11 ISI 06	ISG 118104WKI6

Female threaded double wall manifold - 2 couplings and drain - 3/8" and 1/4" Automotive Truflate Profile


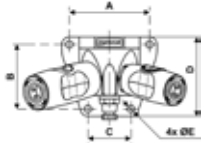
		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 08 USI 06	USI 088204WKU6

Female threaded double wall manifold - 2 couplings and drain - 1/2" and 1/4" Automotive Truflate Profile


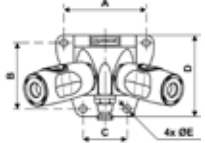
		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 11 USI 06	USI 118204WKU6

PREVO S1 MIXED WALL MANIFOLDS


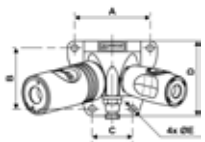
Female threaded double wall manifold - 2 couplings and drain - 1/4" Automotive Truflate profile and 1/4" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 06 ISI 06	USI 068204WKI6


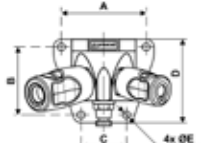
Female threaded double wall manifold - 2 couplings and drain - 3/8" High Flow Interchange and 1/4" ARO 210 Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 07 ASI 06	ESI 078104WKA6

Female threaded double wall manifold - 2 couplings and drain - 3/8" and 1/2" High Flow Interchange


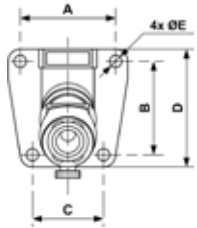
		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 11 ESI 07	ESI 118104WKE7

Female threaded double wall manifold - 2 couplings and drain - ISO C Profile - 3/8" body size and 1/4" body size


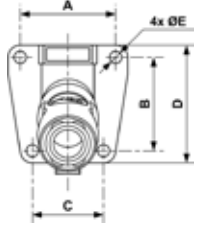
		A	B	C	D	E	Inlet female thread	Outlet: 2 couplings	Part Number
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	CSI 06 CSI 08	CSI 088104WKC6

PREVO S1 SINGLE WALL MANIFOLDS


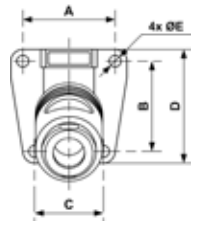
Female threaded double wall manifold - 1 coupling and drain - 1/4" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		2.008	1.969	1.496	2.736	0.256	1/2" FBSP	ISI 06	ISI 061203WK


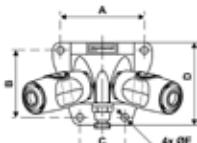
Female threaded single wall manifold - 1 coupling and drain - 3/8" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		2.008	1.969	1.496	2.48	0.256	1/2" FBSP	USI 08	USI 061203WK


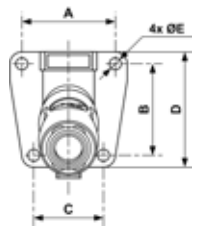
Female threaded single wall manifold - 1 coupling and drain - 1/2" Industrial Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		2.008	1.969	1.496	2.48	0.256	1/2" FBSP	ISI 11	ISI 111203WK

Female threaded single wall manifold - 1 coupling and drain - 1/4" Automotive Truflate Profile


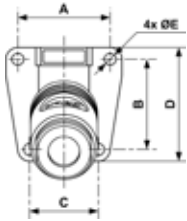
		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		2.008	1.969	1.496	2.48	0.256	1/2" FBSP	USI 06	USI 061203WK

Female threaded single wall manifold - 1 coupling and drain - 3/8" Automotive Truflate Profile


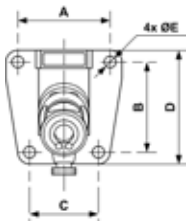
		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		2.008	1.969	1.496	2.48	0.256	1/2" FBSP	USI 08	USI 081203WK

PREVO S1 SINGLE WALL MANIFOLDS


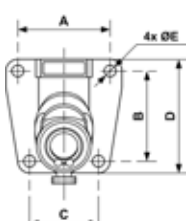
Female threaded single wall manifold - 1 coupling and drain - 1/2" Automotive Truflate Profile

		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		2.008	1.969	1.496	2.48	0.256	1/2" FBSP	USI 11	USI 111203WK


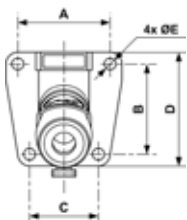
Female threaded double wall manifold - 1 coupling and drain - 1/4" ISO 6150 C Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		2.008	1.969	1.496	2.48	2.559	1/2" FBSP	CSI 06	CSI 061103WK


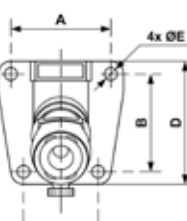
Female threaded double wall manifold - 1 coupling and drain - 3/8" ISO 6150 C Interchange

		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		2.008	1.969	1.496	2.48	0.256	1/2" FBSP	CSI 08	CSI 081103WK

Female threaded single wall manifold - 1 coupling and drain - 3/8" High Flow Interchange


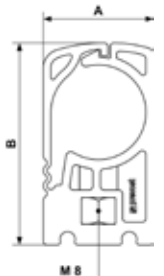
		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		-	-	-	-	-	1/2" FBSP	ESI 07	ESI 071203WK

Female threaded double wall manifold - 1 coupling and drain - 1/4" ARO 210 Interchange


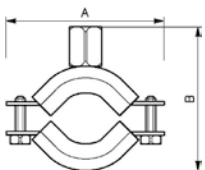
		A	B	C	D	E	Inlet female thread	Outlet: 1 coupling	Part Number
		-	-	-	-	-	1/2" FBSP	ASI 06	ASI 061203WK

ACCESSORIES

PPS1 CI - Piping Clamp

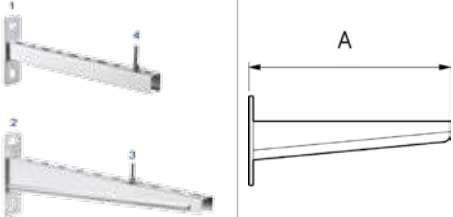
		A	B	For pipe OD (in) (mm)	Part Number
		0.945	1.85	1/2" / 16 mm	PPS1 CI16
0.945	1.929	3/4" / 20 mm	PPS1 CI20		
1.142	2.087	1" / 25 mm	PPS1 CI25		
1.496	2.244	1 1/4" / 32 mm	PPS1 CI32		
1.929	3.917	1 1/2" / 40 mm	PPS1 CI40		
2.323	4.114	2" / 50 mm	PPS1 CI50		
2.953	5.315	2 1/2" / 63 mm	PPS1 CI63		
3.543	5.709	3" / 80 mm	PPS1 CI80		

ALR System - Threaded Hanger

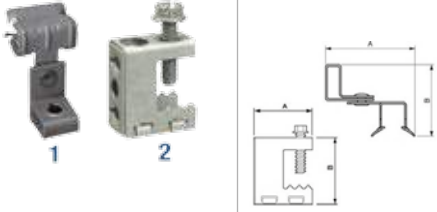
		A	B	For tube OD (mm)	Part Number
		2.52	2.008	20	CPF 20
2.756	2.047	25	CPF 25		
3.071	2.362	32	CPF 32		
3.583	2.638	40	CPF 40		
3.937	2.874	50	CPF 50		
4.016	3.268	63	CPF 63		
4.882	4.567	80	CPF 80		

ACCESSORIES FOR PPS

Metal support bracket


		A	B	Description	Length	Max load distributed over the entire length	Part Number
		7.087	-	Length 7.09 in Max load distributed over the entire length: 293.2 lb (1)	7.09 in	293.2 lb (1)	CS 180L
		11.811	-	Length 11.81 in Max load distributed over the entire length: 176.4 lb (1)	11.81 in	176.4 lb (1)	CS 310L
		16.535	-	Length 16.54 in Max load distributed over the entire length: 124.3 lb (1)	16.54 in	124.3 lb (1)	CS 420L
		20.079	-	Length 20.08 in Max load distributed over the entire length: 165.3 lb (2)	20.08 in	165.3 lb (2)	CS 500
		-	-	Screw M8 (3) on metal support CS 500			CS VIS
		-	-	Screw (4) for metal support CS 180L - CS 310L - CS 420L			CS VIS2

M8 Beam clip


		A	B	Panel thickness (in)	Metric thread	Part Number
		1.85	1.772	.11" to .31" (1)		CP 38
		2.087	1.772	.31" to .55" (1)		CP 814
		2.283	1.772	.55" to .78" (1)		CP 1420
		1.181	1.339	up to .63" max. (2)	M6 or cross-piece	CP 016

ACCESSORIES FOR PPS


PPS1 CLE - Spanner wrench

	A	B	C	D	For fitting Ø (in)	Part Number
	-	-	-	-	1/2"	PPS1 CLE16
	-	-	-	-	3/4"	PPS1 CLE20
	-	-	-	-	1"	PPS1 CLE25
	-	-	-	-	1 1/4"	PPS1 CLE32
	-	-	-	-	1 1/2"	PPS1 CLE40
	-	-	-	-	2"	PPS1 CLE50
	-	-	-	-	2 1/2"	PPS1 CLE63
	-	-	-	-	3"	PPS1 CLE80

PPS SP - Drill for tapping flange


	A	B	C	D	Drill Ø (in)	For pipe OD (in)	Part Number
	-	-	-	-	0.63	1/2" to 1 1/4"	PPS SP16
	-	-	-	-	0.87	1 1/2" to 2"	PPS SP22
	-	-	-	-	1.18	2 1/2" to 3"	PPS SP30
Boring through for flange							

PPS AL - Liquid for assembly


	A	B	C	D	Capacity (oz)	Part Number
	-	-	-	-	25	PPS AL

ACCESSORY

PPS CT - Tools case for pipes preparation


	Includes	Description	Drill Ø	Inlet for pipe OD	Part Number
	PPS CTU63	Tube cutter for PPS tube Ø ext 16 to 63 mm			PPS CT1650
	PPS CHE50	Chamfering tool for tube Ø ext 16 to 50 mm			
	PPS CHERAP	Deburring int / ext			
	PPS SP16	Hole saw for drilling tube	16 mm	16 - 32 mm	
	PPS SP22	Hole saw for drilling tube	22 mm	40 - 50 mm	
	PPS PEN	Marker pen			

PPS CK - Tightening wrenches case

	Includes	Description	Part Number
	PPS1 CLE16	Tightening wrench Ø 16 mm	PPS CK1632
	PPS1 CLE20	Tightening wrench Ø 20 mm	
	PPS1 CLE25	Tightening wrench Ø 25 mm	
	PPS1 CLE32	Tightening wrench Ø 32 mm	PPS CK4050
	PPS PEN	Marker pen	
	PPS1 CLE40	Tightening wrench Ø 40 mm	
	PPS1 CLE50	Tightening wrench Ø 50 mm	PPS CK6380
	PPS PEN	Marker pen	
PPS1 CLE63	Tightening wrench Ø 63 mm		
PPS1 CLE80	Tightening wrench Ø 80 mm		
PPS PEN	Marker pen		

FLEXIBLE LINKS

Flexible link - Swivel male - male

	NPT male thread	Length (ft)	Bend radius in inches at 68°F	Max operating pressure (psi)	Temperature (°F)	Part Number
	1/2"	4.9	7	2320	-40° +230°F	LEM 253
	3/4"	4.9	9.5	1530	-40° +230° F	LEM 254
	1"	4.9	12	1280	-40° +230° F	LEM 255
	1 1/4"	7.2	20	920	-40° +230° F	LEM 256
	1 1/2"	8.2	16.5	730	-40° +230° F	LEM 257
	2"	6.5	25	1160	-40° +230° F	LEM 258



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