



# Connected to **performance**

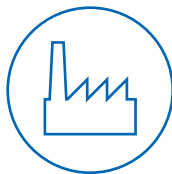
For more than 40 years, PREVOST has been designing, manufacturing and marketing a comprehensive range of products for compressed air and fluid distribution networks, including safety quick couplings, filtration solutions and pneumatic equipment.

PREVOST has become the preferred partner for industries using pneumatic and hydraulic power. Each day, the PREVOST team works to provide our customers with the latest, cutting edge technology.



THROUGH INNOVATION AND CONSTANTLY SEEKING  
AREAS FOR IMPROVEMENT

THROUGH THE QUALITY OF OUR PRODUCTS,  
ADVICE AND SERVICES



#### **PRODUCTION FACILITIES**

France  
Italy



#### **INTERNATIONAL PRESENCE**

France, Germany,  
United Kingdom,  
Spain, Italy, USA



**80 COUNTRIES**  
with distributors



**7000  
PRODUCTS**

Building on its success, PREVOST is expanding across Europe, in the United States and in over 80 countries: our solutions and our team's commitment are truly **CONNECTED TO PERFORMANCE**.



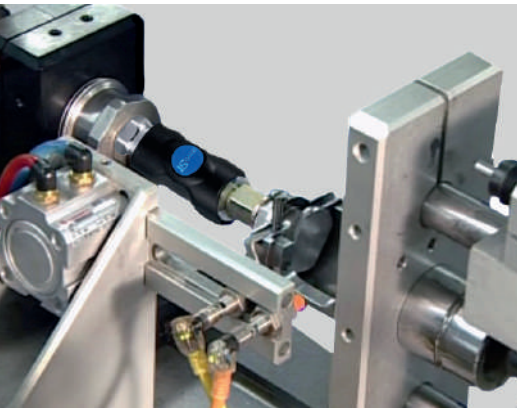
# Connected to **innovation**

Our approach to innovation is based on two principles:

## ■ TECHNOLOGICAL DEVELOPMENT

Our R&D strategy has resulted in numerous patent applications.

Our products are integrated with safety features which comply with all applicable safety standards.



## ■ MAKING THE BEST USE OF OUR PRODUCTS

We provide reliable equipment with a long service life to save our customers valuable time and money from lost production and replacement costs.

After investing in PREVOST, your business will begin to see an increase in production rates.

We pay close attention to design and ergonomics, which makes our tools easy and comfortable to handle for long periods of time.



PATENT  
APPLICATIONS



MADE IN  
FRANCE  
AND EUROPE

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**PREVOST'S CONNECTION TO INNOVATION ALLOWS YOU TO  
OPERATE A HIGHLY EFFICIENT AND SAFE WORKPLACE.**

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# Connected to your **business needs**

One of the best assurances of quality, for us, is our thorough knowledge of your applications. PREVOST supplies companies in the industrial and service sectors where pneumatic and hydraulic powers are used:



➔ **AUTOMOTIVE MANUFACTURING**

Automotive construction, assembly lines, etc.

➔ **AUTOMOTIVE MAINTENANCE**

Mechanical repairs, paintwork, bodywork, etc.

➔ **PLASTICS PROCESSING**

➔ **WOOD**

Sawmills, joinery workshops, etc.

➔ **TEXTILE INDUSTRY**

Textile mills, garment manufacturing plants, etc.

➔ **FOOD-PROCESSING INDUSTRY**

Abattoirs, meat processing plants, dairies, agricultural applications, etc.

Our products comply with a wide range of quality standards, sanitation requirements, sustainability measures and performance criteria. The designs and construction processes are intended to meet these rigorous specifications.



ISO 9001



QUALITY



SAFETY

.....  
**BECAUSE WE UNDERSTAND YOUR  
INDUSTRY, WE ARE CONNECTED  
TO YOUR NEEDS.**  
.....

# Connected to our **services**

To better serve you, PREVOST provides excellent technical, logistical and customer support services.



## ➔ FIRST-CLASS **LOGISTICS**

After placing your order, our team manages operations so your products are packed with care. Delivery may be arranged to best suit your schedule.

## ➔ DESIGN **SERVICES**

Our expert Sales team is dedicated to designing you a custom pipe network. They analyze, advise and assist you with a basic network diagram, a detailed plan and a full quote.

## ➔ AN INFORMATIVE CUSTOMER **SERVICE TEAM**

Our dedicated and knowledgeable support staff are on hand to assist you with placing orders, tracking shipments and technical questions.

## ➔ A DYNAMIC AND RESPONSIVE **SALES FORCE**

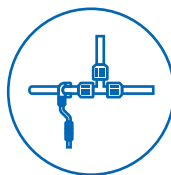
BY CHOOSING PREVOST, YOU ARE CONNECTED TO THE BEST SERVICE.



**24/48-HOUR  
DELIVERY**



**CUSTOMER  
SERVICE TEAM**



**NETWORK  
DESIGN**



**FLUID  
TECHNOLOGY  
EXPERTS**



**TRAINING  
WORKSHOPS**

# Connected to **efficiency**

To help drive your business forward, we provide a wide range of tools and resources for training and merchandising our products.



→ TECHNICAL DOCUMENTS

→ ONLINE MEDIA LIBRARY / E-CATALOG

→ MULTILINGUAL WEBSITES

→ PACKAGING

→ POS MATERIALS

→ RETAIL PACKAGING FOR DISPLAY MERCHANDISING



**PREVOST frequently exhibits at trade shows in the United States and abroad.**



.....  
**WE PROVIDE TOOLS & SOLUTIONS CONNECTED TO EFFICIENCY.**  
.....





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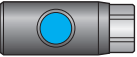
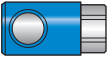










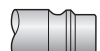















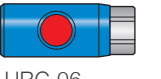

















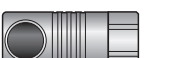



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Interchange	Profile	Plugs	Safety quick couplings prevoS1 composite body (XSI)	Safety quick couplings composite body (XSC)	Safety quick couplings metal body (XSM)	Standard quick couplings composite body (XRC)	Standard quick couplings metal body (XRM)
INDUSTRIAL INTERCHANGE 1/4"			 ISI 06	 ISC 06		 IRC 06	 IRM 06
INDUSTRIAL INTERCHANGE 3/8"			 ISI 08	 ISC 08		 IRC 08	
INDUSTRIAL INTERCHANGE 1/2"			 ISI 11				
HIGH FLOW INTERCHANGE 3/8"			 ESI 07			 ERC 07	
HIGH FLOW INTERCHANGE 1/2"			 ESI 11 CB  ESI 11				
AUTOMOTIVE INTERCHANGE 1/4"			 USI 06	 USC 06		 URC 06	
AUTOMOTIVE INTERCHANGE 3/8"			 USI 08	 USC 08		 URC 08	
AUTOMOTIVE INTERCHANGE 1/2"			 USI 11				
ARO 210 INTERCHANGE 1/4"			 ASI 06			 ARC 06	
ISO 6150 C INTERCHANGE 1/4"			 CSI 06		 CSM 06		
ISO 6150 C INTERCHANGE 3/8"			 CSI 08		 CSM 08		
ISO 6150 C INTERCHANGE 1/2"					 CSM 011		
BRITISH 1/4"			 BSI 06				

# The **prevoS1** range

The **prevoS1** coupling meets the top level of quality standards required in the professional industry.

The range is synonymous with top of the line quality, extended service life, advanced technology, safety and efficiency.

When used with PREVOST plugs, **prevoS1** couplings carry a three-year, leak-free guarantee. The **prevoS1** couplings are unrivalled in the market with quality, patent and protected technology.

## Simple and **easy-to-use**

- **Quick and effortless coupling:** easy to connect, with no risk of damaging the internal mechanism.
- **Decompression and disconnection of your pneumatic systems and tools in a single press:** easy to use, enabling tools to be changed quickly on assembly lines.
- **Swivel body creates a quick assembly and optimal positioning:** cost savings from increased productivity and decreased labor requirements.



## Certified **safety**

- **One push control to decompress the system and disconnect in complete safety:** eliminates hose whip to protect the user, surrounding tools and equipment.  
**ISO 4414 standard**
- **Silicone free manufacturing:** avoids the risk of contaminating compressed air during the paint or varnish applications which can cause surface imperfections.
- **Anti-static construction:** external dust will not be attracted to painted or varnished surfaces from the creation of static electricity.
- **ATEX certification:** attests to the safety of **prevoS1** couplings in many industries (gaseous environments, paint booths, etc.). Equipment complies with requirements for zones classified as 1 & 2 (gas) and 21 & 22 (dust).



## The **prevoS1** range



### *Ergonomically designed for long lasting comfort*

- **Functionally designed to allow a natural grip and easy handling.**
- **Composite body material:** anti-scratch body material also allows user to create a firm grip on the coupling.
- **Compact and lightweight coupling** for maximum user comfort when handling repetitively. Provides accuracy and increases work station efficiency.

### *Long service life*

- **Resistant to abrasion, vibrations, corrosion, impacts and crushing:** reinforced composite body is capable of withstanding the harsh conditions frequently found in production environments.

### *International compatibility*

- **The most popular prevoS1 profiles** (Industrial, ISO 6150 C, High Flow, ARO 210, Automotive), meet the requirements of many international standards.
- **Color coded buttons make the wide selection of international profiles easy to identify:** this system reduces the risk of connection errors which may cause damages or accidents.

### *Industry standards*

- **prevoS1 couplings comply with:**
  - The European Pressure Equipment Directive
  - The safety requirements of the ISO 4414 standard
  - The European RoHS Directive
  - ATEX classification 1 & 2 (gas) and 21 & 22 (dust).

## Body styles

Available in different international profiles



## Installation types

### Parallel female thread

- BSPP
- International standard ISO 228/1



### Parallel male thread

- BSPP
- Built-in gasket
- International standard ISO 228/1



### Tapered female thread

- NPT according to ASME 1.20.1 standard
- BSPT according to ISO 7



### Tapered male thread

- NPT according to ASME 1.20.1 standard
- BSPT according to ISO 7



### Hose barb

- Assembled worm-drive or ear-type hose clamp

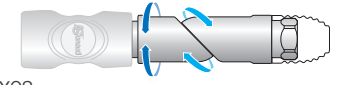


### Bulkhead



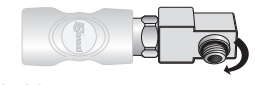
### Threaded swivel joint

- Scratch protection
- Rotation through 360° on two axes



### Rotating coupling, parallel thread

- Built-in gasket
- Rotation through 360° on two axes



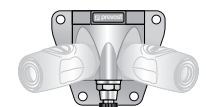
### Single wall manifold

- Built-in manual drain



### Double wall manifold

- Built-in manual drain



## Coupling identification















- Color coded based on international profile
- Logical product code system
- Thread type engraved on the product

Example of product code:

# ISI 061101SW

I	S	I	06	1	1	01	SW	
A: ARO 210 B: British C: ISO C E: High Flow I: Industrial U: Automotive	S: Safety R: Regular	C: Coupling G: Grip P: Plug	06: Ø 6 mm - 1/4" 07: Ø 7.4 mm - 3/8" 08: Ø 8 mm - 3/8" 11: Ø 11 mm - 1/2"	1: Coupling 2: Penetration 6: Plug 8: Y	1: BSP 2: NPT 8: Hose barb	01: 1/4" female 02: 3/8" female 03: 1/2" female 04: 3/4" female 51: 1/4" male 52: 3/8" male 53: 1/2" male 54: 3/4" male	06: hose Ø 6 mm - 1/4" 08: hose Ø 8 mm - 5/16" 10: hose Ø 10 mm - 3/8" 13: hose Ø 13 mm - 1/2" 16: hose Ø 16 mm - 5/8" 19: hose Ø 19 mm - 3/4"	SW: swivel SE: rotation coupling HE: stainless steel version CB: composite body WK: wall manifold kit

# The **prevoS1** range

Profiles	Product code	Quick safety couplings	Body size	Thread size	Flow rate at 6 bar ΔP 0.6 bar	Flow rate at 100 psi ΔP: 10 psi
<b>INDUSTRIAL</b> ISO 6150 B 6 MM - 1/4"	ISI 06		6 mm 1/4"	BSP/NPT	833 l/min	34 cfm
<b>INDUSTRIAL</b> ISO 6150 B 8 MM - 3/8"	ISI 08		8 mm 3/8"	BSP/NPT	2028 l/min	81 cfm
<b>INDUSTRIAL</b> ISO 6150 B 11 MM - 1/2" (STAINLESS STEEL BODY)	ISI 11		11 mm 1/2"	BSP/NPT	3686 l/min	148 cfm
<b>HIGH FLOW</b> EUROPEAN 7.4 MM - 3/8"	ESI 07		7.4 mm 3/8"	BSP/NPT	1820 l/min	73 cfm
<b>HIGH FLOW</b> EUROPEAN 7.4 MM - 3/8"	ESI 07HE		7.4 mm 3/8"	BSP/NPT	1820 l/min	73 cfm
<b>HIGH FLOW</b> EUROPEAN 10.4 MM - 1/2"	ESI 11CB		10.4 mm 1/2"	BSP/NPT	2040 l/min	81 cfm
<b>HIGH FLOW</b> EUROPEAN 10.4 MM - 1/2" (STAINLESS STEEL BODY)	ESI 11		10.4 mm 1/2"	BSP/NPT	3530 l/min	142 cfm
<b>ISO 6150 C</b> 6 MM - 1/4"	CSI 06		6 mm 1/4"	BSP/NPT	833 l/min	34 cfm
<b>ISO 6150 C</b> 8 MM - 3/8"	CSI 08		8 mm 3/8"	BSP/NPT	2028 l/min	81 cfm
<b>ARO 210</b> 6 MM - 1/4"	ASI 06		6 mm 1/4"	BSP/NPT	800 l/min	32 cfm
<b>BRITISH</b> 6 MM - 1/4"	BSI 06		6 mm 1/4"	BSP	750 l/min	29 cfm
<b>AUTOMOTIVE</b> 6 MM - 1/4"	USI 06		6 mm 1/4"	BSP/NPT	833 l/min	34 cfm
<b>AUTOMOTIVE</b> 8 MM - 3/8"	USI 08		8 mm 3/8"	BSP/NPT	2028 l/min	81 cfm
<b>AUTOMOTIVE</b> 11 MM - 1/2" (STAINLESS STEEL BODY)	USI 11		11 mm 1/2"	BSP/NPT	2987 l/min	120 cfm



### Polymer *body*

- **Body:** composite body construction can withstand heavy duty applications
- **Other components:** steel or aluminum with RoHS compliant anti-corrosion treatment
- **Seal:** Nitrile NBR gasket



### Advantages exclusive to the **prevoS1 composite body**

- **Ultra-lightweight**  
2.5 Oz for couplings with 6 mm - 1/4" body  
4 Oz for couplings with 8 mm - 3/8" body
- **Non-scratch**  
No damage to delicate surfaces.
- **Anti-static** conducts electricity to avoid problems related to static electricity (ex. dust attracted to paint/polish or electronic work surfaces). Allows the coupling to meet ATEX Directive.
- **Service pressure range:** 29 to 174 psi (not suitable for vacuum)
- **Temperature:** +5°F to +158°F

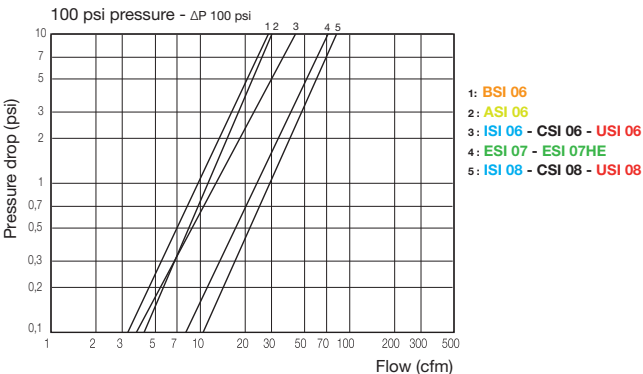
- **Versatile coupling**  
< 18 lbf at 90 psi for couplings with 1/4" clearance  
< 22 lbf at 90 psi for couplings with 3/8" clearance  
*Unit of measurement lbf: pound-force*

- **Applications**
  - All connections
  - Assembly lines (automotive, household appliances, etc.)
  - Mechanical manufacturing, machining workshops
  - Paper and printing industries
  - Automotive repairs
  - Textile industries
  - Wood and plastics industries
  - All work on fragile products
  - Technical education

### Flow rate at 100 psi with $\Delta P$ of 10 psi

Profiles	Industrial 6 mm - 1/4"	ISO C 6 mm - 1/4"	ARO 6 mm - 1/4"	British 6 mm - 1/4"	Automotive 6 mm - 1/4"	High Flow 7.4 mm - 3/8"	Industrial 8 mm - 3/8"	ISO C 8 mm - 3/8"	Automotive 8 mm - 3/8"	High Flow 10.4 mm - 1/2"
<b>PREVOST part number</b>	ISI 06	CSI 06	ASI 06	BSI 06	USI 06	ESI 07	ISI 08	CSI 08	USI 08	ESI 11CB
<b>Flow rate cfm</b>	34	34	32	29	34	73	81	81	81	81
<b>PREVOST compatible plug part numbers</b>	IRP 06	CRP 06	ARP 06	BRP 06	URP 06	ERP 07	IRP 08	CRP 08	URP 08	ERP 11

### Pneumatic flow rate / pressure loss curves





# The **prevoS1** range

## Stainless steel **body**

- **Body:** stainless steel with 17% chromium
- **Other components:** steel or aluminum with RoHS compliant anti-corrosion treatment
- **Seal:** Nitrile NBR gasket
- **Check valve and button:** composite



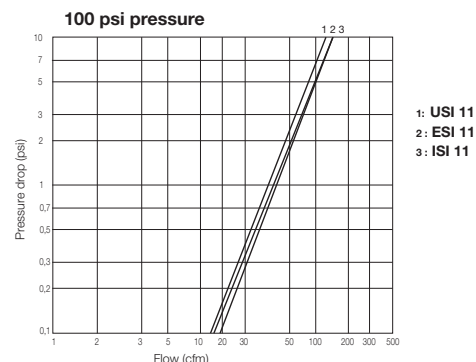
## Advantages exclusive to the **prevoS1 with 11 mm - 1/2" clearance**

- **Greater air flow** enabling users to work with even the largest pneumatic tools at full capacity.
- **Tough, high resistance couplings** suited to the most challenging conditions for which this type of product may be required, including violent impacts, crushing, dirty or damp environments, etc.
- **Recommended for heavy duty industries:** such as public works, ship building, heavy machinery, mining, offshore drilling, etc.
- **Anti-static** conducts electricity to avoid static related problems (ex. dust attracted to paint/polish or electronic work surfaces). Allows the coupling to meet ATEX Directive.
- **Service pressure range:** 29 to 174 psi (not suitable for vacuum)
- **Temperature:** +5°F to +158°F
- **Intuitive and easy to connect**  
Quick to connect the plug into the coupling thanks to the innovative design of the internal locking mechanism.
- **Safe and effortless handling**
- **Connecting force at 90 psi**  
< 36 lbf at 90 psi  
*Unit of measurement lbf: pound-force*
- **Applications**
  - Tough locations
  - Harsh environments
  - Maintenance of industrial vehicles, agriculture, public works, mines and quarries, etc.
  - Heavy industry and manufacturing, iron and steel.

## Flow rate at 100 psi with $\Delta P$ of 10 psi

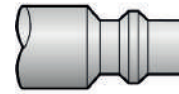
Profiles	High Flow 10.4 mm - 1/2"	Industrial 11 mm - 1/2"	Automotive 11 mm - 1/2"
<b>PREVOST part number</b>	ESI 11	ISI 11	USI 11
<b>Flow rate l/cfm</b>	148	142	120
<b>PREVOST compatible plug part numbers</b>	ERP 11	IRP 11	URP 11

## Pneumatic flow rate / pressure loss curves



# PREVOS1 SAFETY QUICK COUPLING

## 1/4" INDUSTRIAL INTERCHANGE



Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 174 psi

Flow rate at  
100 psi  
34 cfm  
( $\Delta P = 10$  psi)


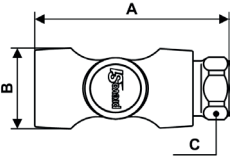
ID Passage  
1/4" body size

Temperature  
+5°F to +158°F


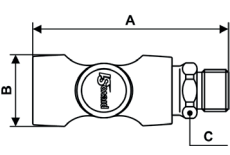
Construction  
Composite body

Highlight  
Anti-static,  
Non scratch


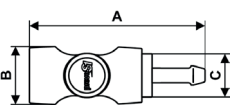
### PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		2.677	1.181	20	-	-	1/4" FNPT	<b>ISI 061201</b>
		2.835	1.181	20	-	-	3/8" FNPT	<b>ISI 061202</b>
		3.11	1.181	23	-	-	1/2" FNPT	<b>ISI 061203</b>


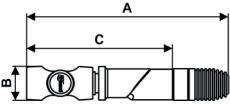
### MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		3.11	1.181	20	-	-	1/4" MNPT	<b>ISI 061251</b>
		3.11	1.181	20	-	-	3/8" MNPT	<b>ISI 061252</b>
		3.346	1.181	23	-	-	1/2" MNPT	<b>ISI 061253</b>


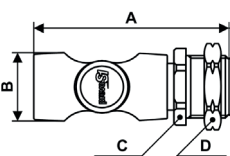
### HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		3.268	1.181	0.764	-	-	1/4" Hose Barb	<b>ISI 061806</b>
		3.268	1.181	0.764	-	-	3/8" Hose Barb	<b>ISI 061810</b>

### THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	Part Numbers
		6.772	1.181	4.933	-	-	3/8" FNPT	<b>ISI 061202SW</b>
		360° rotation in 2 axes						

### BULKHEAD COUPLER

		A (inch)	B (inch)	C (mm)	D (mm)	E (inch)	NPT female thread	Ø Drill (in)	Panel thickness (in)	Part Numbers
		3.307	1.181	29	32	-	1/4" FNPT	1.06	0.43	<b>ISI 062201</b>

# PREVOS1 SAFETY QUICK COUPLING 1/4" INDUSTRIAL INTERCHANGE



**Technology**  
"One push"  
safety system  
(avoids hose whip)

**Operating pressure**  
29 to 174 psi

**Flow rate at 100 psi**  
34 cfm  
( $\Delta P = 10$  psi)


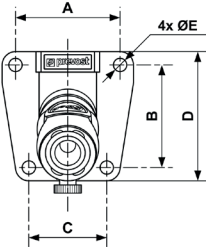
**ID Passage**  
1/4" body size

**Temperature**  
+5°F to +158°F


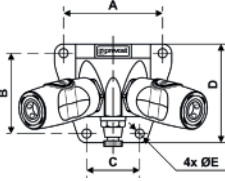
**Construction**  
Composite body

**Highlight**  
Anti-static,  
Non scratch


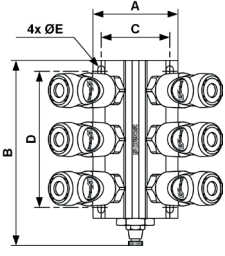
## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/4" INDUSTRIAL INTERCHANGE

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
				2.008	1.969	1.496	2.736	0.256	1/2" FNPT	ISI 06

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/4" INDUSTRIAL INTERCHANGE

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
				2.795	2.244	1.496	2.756	0.256	1/2" FNPT	ISI 06
	2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 06	<b>ISI 068204WK</b>		

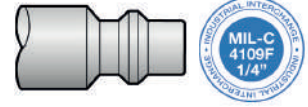
## **NEW** FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 1/4" INDUSTRIAL INTERCHANGE

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet	Part Numbers
				3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x ISI 06
	3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x ISI 06	<b>MF 204S6IS</b>		
	3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x ISI 06	<b>MF 204S8IS</b>		
	3.071	10.63	2.48	8.465	0.256	3/4" FNPT	10 x ISI 06	<b>MF 204S10IS</b>		

### ASSOCIATED PRODUCTS

			
FLEXAIR hose extension with <b>prevoS1</b> coupling - <a href="#">p 238</a>	<b>prevoS1</b> blow guns <a href="#">p 262</a>	PPS1 aluminum fittings for pipe <a href="#">p 180</a>	Enclosed hose reels DRF <a href="#">p 213</a>


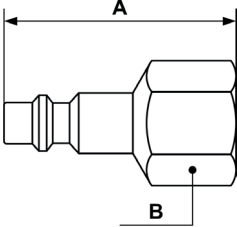
# PLUG 1/4" INDUSTRIAL INTERCHANGE




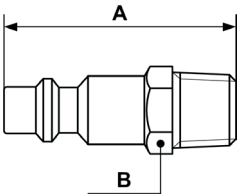
ID Passage  
1/4" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## FEMALE THREAD PLUG


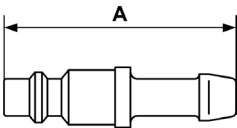
		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.614	17	1/4" FNPT	<b>IRP 066201</b>
		1.772	21	3/8" FNPT	<b>IRP 066202</b>

## MALE THREAD PLUG

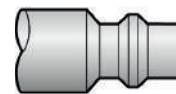
		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		1.693	14	1/4" MNPT	<b>IRP 066251</b>
		1.772	17	3/8" MNPT	<b>IRP 066252</b>

Teflon-coated thread

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.929	-	1/4" Hose Barb	<b>IRP 066806</b>
		1.969	-	3/8" Hose Barb	<b>IRP 066810</b>

# PREVOS1 SAFETY QUICK COUPLING 3/8" INDUSTRIAL INTERCHANGE



## PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		3.126	1.299	23	-	-	1/4" FNPT	<b>ISI 081201</b>
		3.185	1.299	23	-	-	3/8" FNPT	<b>ISI 081202</b>
		3.539	1.299	23	-	-	1/2" FNPT	<b>ISI 081203</b>

## MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		3.657	1.299	23	-	-	1/4" MNPT	<b>ISI 081251</b>
		3.657	1.299	23	-	-	3/8" MNPT	<b>ISI 081252</b>
		3.815	1.299	23	-	-	1/2" MNPT	<b>ISI 081253</b>

## HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		3.795	1.299	0.89	-	-	3/8" Hose Barb	<b>ISI 081810</b>
		3.992	1.299	0.89	-	-	1/2" Hose Barb	<b>ISI 081813</b>

## THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	Part Numbers
		7.244	1.299	5.421	-	-	3/8" FNPT	<b>ISI 081202SW</b>

360° rotation in 2 axes

Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 174 psi

Flow rate at  
100 psi  
81 cfm  
( $\Delta P = 10$  psi)


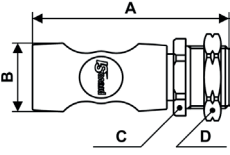
ID Passage  
3/8" body size

Temperature  
+5°F to +158°F


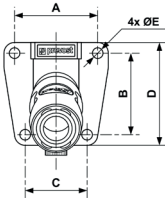
Construction  
Composite body

Highlight  
Anti-static,  
Non scratch


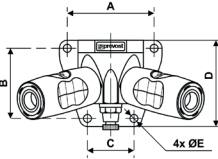
### BULKHEAD COUPLER

		A (inch)	B (inch)	C (mm)	D (mm)	E (inch)	NPT female thread	Ø Drill (in)	Panel thickness (in)	Part Numbers
		3.819	1.299	29	32	-	1/2" FNPT	1.06	0.43	<b>ISI 082203</b>

### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 3/8" INDUSTRIAL INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ISI 08	<b>ISI 081203WK</b>

### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" INDUSTRIAL INTERCHANGE

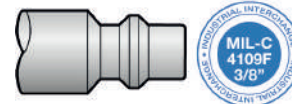
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	ISI 08	<b>ISI 088203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 08	<b>ISI 088204WK</b>

### ASSOCIATED PRODUCTS

		
Open hose reels DGO <a href="#">p 217</a>	PPS1 aluminum fittings for pipe <a href="#">p 180</a>	FLEXAIR hose extension with <b>prevoS1</b> coupling - <a href="#">p 238</a>




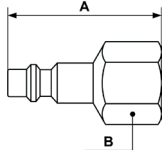
# PLUG 3/8" INDUSTRIAL INTERCHANGE




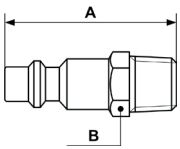
ID Passage  
3/8" body size

Construction  
Treated steel  
Corrosion-proof  
treatment


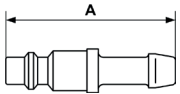
## PARALLEL FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.772	17	1/4" FNPT	<b>IRP 086201</b>
		1.929	21	3/8" FNPT	<b>IRP 086202</b>
		2.087	25	1/2" FNPT	<b>IRP 086203</b>

## MALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		2.087	17	1/4" MNPT	<b>IRP 086251</b>
		2.087	17	3/8" MNPT	<b>IRP 086252</b>
		2.323	27	1/2" MNPT	<b>IRP 086253</b>
Teflon-coated thread					

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		2.106	-	3/8" Hose Barb	<b>IRP 086810</b>
		2.323	-	1/2" Hose Barb	<b>IRP 086813</b>
		2.362	-	5/8" Hose Barb	<b>IRP 086816</b>

# PREVOS1 SAFETY QUICK COUPLING 1/2" INDUSTRIAL INTERCHANGE



**Technology**  
"One push"  
safety system  
(avoids hose whip)

**Operating pressure**  
29 to 232 psi


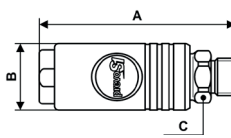
**Flow rate at 100 psi**  
148 cfm  
( $\Delta P = 8.70$  psi)

**ID Passage**  
1/2" body size


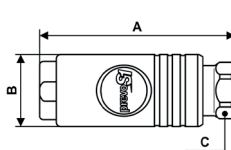
**Temperature**  
+5°F to +158°F

**Construction**  
Body: Stainless steel


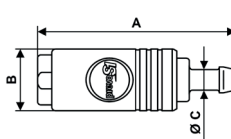
## MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		4.39	1.457	26	-	-	3/8" MNPT	<b>ISI 111252</b>
4.547	1.457	26	-	-	1/2" MNPT	<b>ISI 111253</b>		
4.626	1.457	30	-	-	3/4" MNPT	<b>ISI 111254</b>		


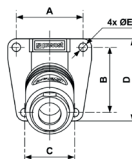
## PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		3.898	1.457	26	-	-	3/8" FNPT	<b>ISI 111202</b>
3.992	1.457	26	-	-	1/2" FNPT	<b>ISI 111203</b>		
4.232	1.457	30	-	-	3/4" FNPT	<b>ISI 111204</b>		


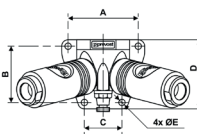
## HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		5.354	1.457	0.394	-	-	3/8" Hose Barb	<b>ISI 111810</b>
4.724	1.457	0.492	-	-	1/2" Hose Barb	<b>ISI 111813</b>		
4.724	1.457	0.61	-	-	5/8" Hose Barb	<b>ISI 111816</b>		
6.339	1.457	0.728	-	-	3/4" Hose Barb	<b>ISI 111819</b>		

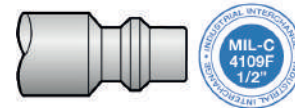
## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/2" INDUSTRIAL INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ISI 11	<b>ISI 111203WK</b>

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/2" INDUSTRIAL INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 11	<b>ISI 118204WK</b>


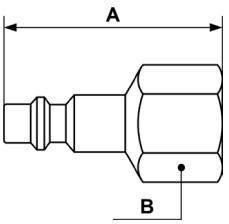
# PLUG 1/2" INDUSTRIAL INTERCHANGE




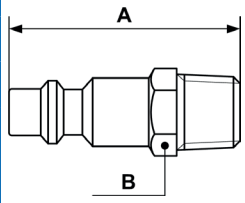
ID Passage  
1/2" body size

Construction  
Treated steel  
Corrosion-proof  
treatment


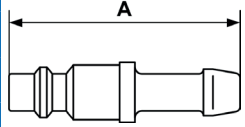
## PARALLEL FEMALE THREAD PLUG

		A (inch)	B (mm)	NPT female thread	Part Numbers
		2.362	25	3/8" FNPT	<b>IRP 116202</b>
		2.362	25	1/2" FNPT	<b>IRP 116203</b>
		2.362	25	3/4" FNPT	<b>IRP 116204</b>

## MALE THREAD PLUG

		A (inch)	B (inch)	NPT male thread	Part Numbers
		2.31	0.685	3/8" MNPT	<b>IRP 116252</b>
		2.345	0.873	1/2" MNPT	<b>IRP 116253</b>
		2.4	1.05	3/4" MNPT	<b>IRP 116254</b>
Teflon-coated thread					

## HOSE STEM PLUG

		A (inch)	B (inch)	For hose ID	Part Numbers
		2.559	-	3/8" Hose Barb	<b>IRP 116810</b>
		2.756	-	1/2" Hose Barb	<b>IRP 116813</b>
		2.717	-	5/8" Hose Barb	<b>IRP 116816</b>
		3.622	-	3/4" Hose Barb	<b>IRP 116819</b>

## ASSOCIATED PRODUCTS



Open hose reels DLO  
p 218



PPS1 aluminum fittings for pipe  
p 180

# PREVOS1 SAFETY QUICK COUPLING 1/4" AUTOMOTIVE PROFILE



**Technology**  
"One push"  
safety system  
(avoids hose whip)

**Operating pressure**  
29 to 174 psi

**Flow rate at 100 psi**  
34 cfm  
( $\Delta P = 10$  psi)


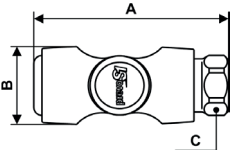
**ID Passage**  
1/4" body size

**Temperature**  
+5°F to +158°F


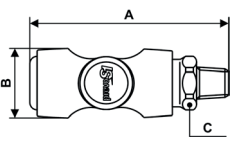
**Construction**  
Composite body

**Highlight**  
Anti-static,  
Non scratch


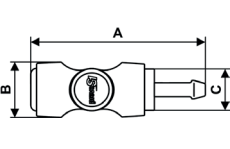
## PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		2.795	1.181	20	-	-	1/4" FNPT	<b>USI 061201</b>
		2.953	1.181	20	-	-	3/8" FNPT	<b>USI 061202</b>
		3.228	1.181	23	-	-	1/2" FNPT	<b>USI 061203</b>


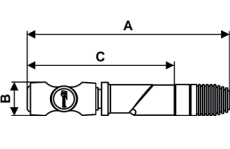
## MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		3.228	1.181	20	-	-	1/4" MNPT	<b>USI 061251</b>
		3.228	1.181	20	-	-	3/8" MNPT	<b>USI 061252</b>
		3.465	1.181	23	-	-	1/2" MNPT	<b>USI 061253</b>

## HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		3.386	1.181	0.764	-	-	5/16" Hose Barb	<b>USI 061808</b>
		3.386	1.181	0.764	-	-	3/8" Hose Barb	<b>USI 061810</b>

## THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	Part Numbers
		6.89	1.181	5.051	-	-	3/8" FNPT	<b>USI 061202SW</b>

# PREVOS1 SAFETY QUICK COUPLING

## 1/4" AUTOMOTIVE PROFILE



**Technology**  
"One push"  
safety system  
(avoids hose whip)

**Operating pressure**  
29 to 174 psi

**Flow rate at 100 psi**  
34 cfm  
( $\Delta P = 10$  psi)

**ID Passage**  
1/4" body size

**Temperature**  
+5°F to +158°F

**Construction**  
Composite body

**Highlight**  
Anti-static,  
Non scratch

### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/4" AUTOMOTIVE INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 1 coupling</b>	<b>Part Numbers</b>
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	USI 06	<b>USI 061203WK</b>

### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/4" AUTOMOTIVE INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	USI 06	<b>USI 068203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 06	<b>USI 068204WK</b>

### NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 1/4" AUTOMOTIVE INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet</b>	<b>Part Numbers</b>
		3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x USI 06	<b>MF 204S4US</b>
		3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x USI 06	<b>MF 204S6US</b>
		3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x USI 06	<b>MF 204S8US</b>
		3.071	10.63	2.48	8.465	0.256	3/4" FNPT	10 x USI 06	<b>MF 204S10US</b>

### ASSOCIATED PRODUCTS

FLEXAIR hose extension with <b>prevos1</b> coupling - <a href="#">p 238</a>	<b>prevos1</b> blow guns <a href="#">p 264</a>	<b>PPS1</b> aluminum fittings for pipe <a href="#">p 180</a>	Enclosed hose reels DSF <a href="#">p 212</a>


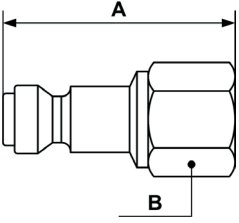
# PLUG 1/4" AUTOMOTIVE INTERCHANGE




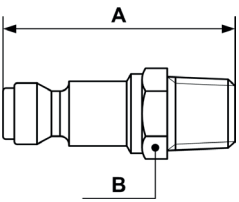
ID Passage  
1/4" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## FEMALE THREAD PLUG


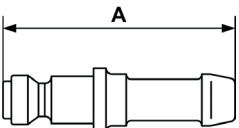
		A (inch)	B (mm)	NPT female thread	Part Numbers
		1.575	17	1/4" FNPT	<b>URP 066201</b>
		1.654	21	3/8" FNPT	<b>URP 066202</b>
		1.89	25	1/2" FNPT	<b>URP 066203</b>

## MALE THREAD PLUG

		A (inch)	B (mm)	NPT male thread	Part Numbers
		1.614	14	1/4" MNPT	<b>URP 066251</b>
		1.89	25	3/8" MNPT	<b>URP 066252</b>
		1.969	22	1/2" MNPT	<b>URP 066253</b>

Teflon-coated thread

## HOSE STEM PLUG

		A (inch)	B (inch)	For hose ID	Part Numbers
		2.047	-	1/4" Hose Barb	<b>URP 066806</b>
		2.087	-	3/8" Hose Barb	<b>URP 066810</b>


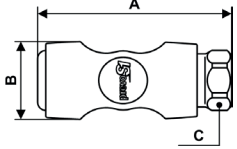


# PREVOS1 SAFETY QUICK COUPLING


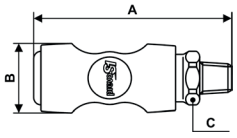
## 3/8" AUTOMOTIVE PROFILE




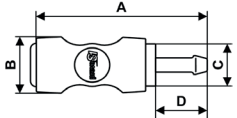
### PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		3.244	1.299	23	-	-	1/4" FNPT	<b>USI 081201</b>
		3.244	1.299	23	-	-	3/8" FNPT	<b>USI 081202</b>
		3.598	1.299	23	-	-	1/2" FNPT	<b>USI 081203</b>

### MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		3.717	1.299	23	-	-	1/4" MNPT	<b>USI 081251</b>
		3.717	1.299	23	-	-	3/8" MNPT	<b>USI 081252</b>
		3.874	1.299	23	-	-	1/2" MNPT	<b>USI 081253</b>

### HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		4.051	1.299	0.89	-	-	1/2" Hose Barb	<b>USI 081813</b>

**Technology**  
"One push"  
with a safety  
system (avoids  
hose whip)

**Operating  
pressure**  
29 to 174 psi

**Flow rate at  
100 psi**  
81 cfm  
( $\Delta P = 10$  psi)


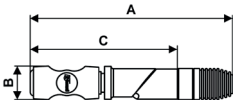
**ID Passage**  
3/8" body size

**Temperature**  
+5°F to +158°F


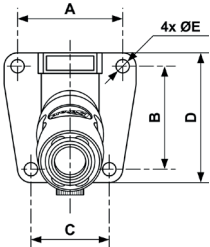
**Construction**  
Composite body

**Highlight**  
Anti-static,  
Non scratch


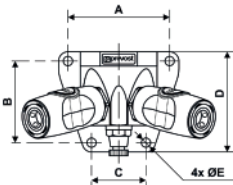
### THREAD SWIVEL COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		7.244	1.299	5.48	-	-	-	3/8" FNPT
360° rotation in 2 axes								

### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 3/8" AUTOMOTIVE INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 1 coupling</b>	<b>Part Numbers</b>
		2.008	1.969	1.496	2.48	0.256	0.256	1/2" FNPT	USI 08

### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" AUTOMOTIVE INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>	
		2.795	2.244	1.496	2.756	0.256	0.256	1/2" FNPT	USI 08	<b>USI 088203WK</b>
		2.795	2.244	1.496	2.756	0.256	0.256	3/4" FNPT	USI 08	<b>USI 088204WK</b>

### ASSOCIATED PRODUCTS

		
FLEXAIR hose extension with <b>prevoS1</b> coupling - <a href="#">p 238</a>	Open hose reels DGO <a href="#">p 217</a>	PPS1 aluminum fittings for pipe <a href="#">p 180</a>


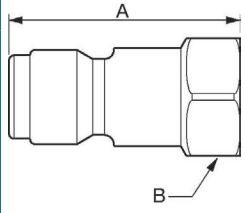
# PLUG 3/8" AUTOMOTIVE INTERCHANGE




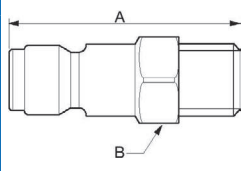
ID Passage  
3/8" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## TAPERED FEMALE THREAD PLUG


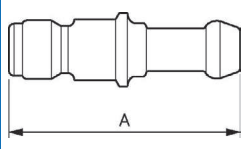
		A (inch)	B (mm)	NPT female thread	Part Numbers
		1.811	17	1/4" FNPT	<b>URP 086201</b>
		1.85	17	3/8" FNPT	<b>URP 086202</b>
		1.969	22	1/2" FNPT	<b>URP 086203</b>

## MALE THREAD PLUG

		A (inch)	B (mm)	NPT male thread	Part Numbers
		1.811	17	1/4" MNPT	<b>URP 086251</b>
		1.85	17	3/8" MNPT	<b>URP 086252</b>
		1.969	22	1/2" MNPT	<b>URP 086253</b>

Teflon-coated thread

## HOSE STEM PLUG

		A (inch)	B (inch)	For hose ID	Part Numbers
		2.362	-	3/8" Hose Barb	<b>URP 086810</b>
		2.598	-	1/2" Hose Barb	<b>URP 086813</b>

# PREVOS1 SAFETY QUICK COUPLING 1/2" AUTOMOTIVE PROFILE



Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 232 psi


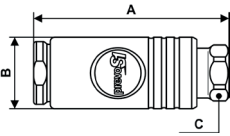
Flow rate at  
100 psi  
120 cfm  
( $\Delta P = 10$  psi)

ID Passage  
1/2" body size


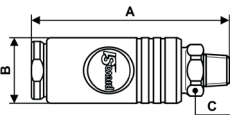
Temperature  
+5°F to +158°F

Construction  
Stainless steel


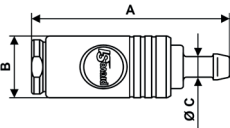
## PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		3.917	1.457	26	-	-	3/8" FNPT	<b>USI 111202</b>
4.016	1.457	26	-	-	1/2" FNPT	<b>USI 111203</b>		
4.252	1.457	30	-	-	3/4" FNPT	<b>USI 111204</b>		


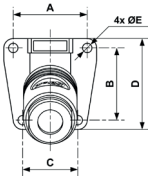
## MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		4.409	1.457	26	-	-	3/8" MNPT	<b>USI 111252</b>
4.567	1.457	26	-	-	1/2" MNPT	<b>USI 111253</b>		
4.646	1.457	30	-	-	3/4" MNPT	<b>USI 111254</b>		


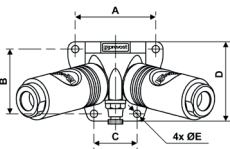
## HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		5.374	1.457	0.394	-	-	3/8" Hose Barb	<b>USI 111810</b>
4.74	1.457	0.492	-	-	1/2" Hose Barb	<b>USI 111813</b>		
6.358	1.457	0.728	-	-	3/4" Hose Barb	<b>USI 111819</b>		

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/2" AUTOMOTIVE INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	USI 11	<b>USI 111203WK</b>

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/2" AUTOMOTIVE INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 11	<b>USI 118204WK</b>


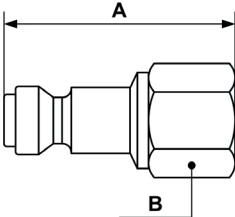
# PLUG 1/2" AUTOMOTIVE INTERCHANGE




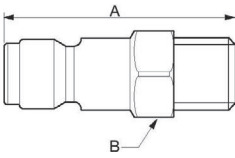
ID Passage  
1/2" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## FEMALE THREAD PLUG

 	<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
	2.047	0.748	3/8" FNPT	<b>URP 116202</b>
	2.283	0.984	1/2" FNPT	<b>URP 116203</b>
	2.244	1.181	3/4" FNPT	<b>URP 116204</b>

## MALE THREAD PLUG

 	<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
	2.205	17	3/8" MNPT	<b>URP 116252</b>
	2.48	21	1/2" MNPT	<b>URP 116253</b>
	2.48	27	3/4" MNPT	<b>URP 116254</b>

Teflon-coated thread

## ASSOCIATED PRODUCTS



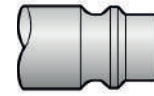
Open hose reels DLO  
p 218



PPS1 aluminum fittings for pipe  
p 180

# PREVOS1 SAFETY QUICK COUPLING

## 3/8" - HIGH FLOW INTERCHANGE



Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 174 psi

Flow rate at  
100 psi  
73 cfm  
( $\Delta P = 10$  psi)


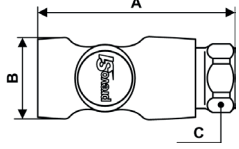
ID Passage  
3/8" body size

Temperature  
+5°F to +158°F


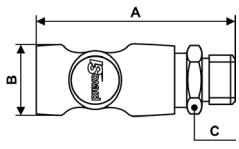
Construction  
Composite body

Highlight  
Anti-static,  
Non scratch


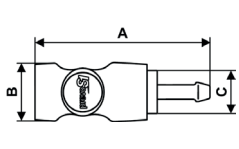
### PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		2.768	1.27	23	-	-	1/4" FNPT	<b>ESI 071201</b>
		2.827	1.27	23	-	-	3/8" FNPT	<b>ESI 071202</b>


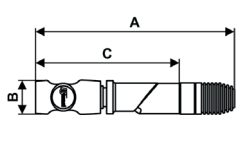
### MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		3.299	1.27	23	-	-	1/4" MNPT	<b>ESI 071251</b>
		3.299	1.27	23	-	-	3/8" MNPT	<b>ESI 071252</b>
		3.457	1.27	23	-	-	1/2" MNPT	<b>ESI 071253</b>

### HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		3.437	1.27	0.89	-	-	1/4" Hose Barb	<b>ESI 071806</b>
		3.437	1.27	0.89	-	-	3/8" Hose Barb	<b>ESI 071810</b>
		3.634	1.27	0.89	-	-	1/2" Hose Barb	<b>ESI 071813</b>

### THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	Part Numbers
		6.941	1.27	5.063	-	-	1/4" FNPT	<b>ESI 071201SW</b>
360° rotation in 2 axes								



# PREVOS1 SAFETY QUICK COUPLING 3/8" - HIGH FLOW INTERCHANGE



**Technology**  
"One push"  
safety system  
(avoids hose whip)

**Operating pressure**  
29 to 174 psi

**Flow rate at 100 psi**  
73 cfm  
( $\Delta P = 10$  psi)

**ID Passage**  
3/8" body size

**Temperature**  
+5°F to +158°F

**Construction**  
Composite body

**Highlight**  
Anti-static,  
Non scratch

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 3/8" HIGH FLOW INTERCHANGE

	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 1 coupling</b>	<b>Part Numbers</b>
	2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ESI 07	<b>ESI 071203WK</b>

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" HIGH FLOW INTERCHANGE

	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
	2.795	2.244	1.496	2.756	0.256	1/2" FNPT	ESI 07	<b>ESI 078203WK</b>
	2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 07	<b>ESI 078204WK</b>

## NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 3/8" HIGH FLOW INTERCHANGE

	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet</b>	<b>Part Numbers</b>
	3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x ESI 07	<b>MF 204S4ES</b>
	3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x ESI 07	<b>MF 204S6ES</b>
	3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x ESI 07	<b>MF 204S8ES</b>
	3.071	8.465	2.48	8.465	0.256	3/4" FNPT	10 x ESI 07	<b>MF 204S10ES</b>

### ASSOCIATED PRODUCTS

FLEXAIR hose extension with <b>prevoS1</b> coupling - <a href="#">p 240</a>	<b>prevoS1</b> blow guns <a href="#">p 268</a>	<b>PPS1</b> aluminum fittings for pipe <a href="#">p 180</a>	Enclosed hose reels DMF <a href="#">p 218</a>


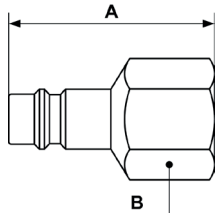
# PLUG 3/8" HIGH FLOW INTERCHANGE




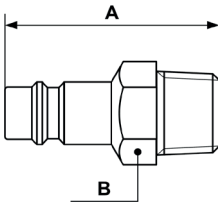
ID Passage  
3/8" body size

Construction  
Treated steel  
Corrosion-proof  
treatment


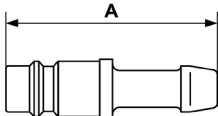
## FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.575	17	1/4" FNPT	<b>ERP 076201</b>
		1.614	21	3/8" FNPT	<b>ERP 076202</b>

## MALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		1.535	14	1/4" MNPT	<b>ERP 076251</b>
		1.614	17	3/8" MNPT	<b>ERP 076252</b>
Teflon-coated thread					

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.752	-	1/4" Hose Barb	<b>ERP 076806</b>
		1.811	-	3/8" Hose Barb	<b>ERP 076810</b>
		2.028	-	1/2" Hose Barb	<b>ERP 076813</b>

# PREVOS1 STAINLESS STEEL SAFETY QUICK COUPLING - 3/8" HIGH FLOW INTERCHANGE



**Technology**  
"One push"  
safety system  
(avoids hose whip)

**Operating pressure**  
29 to 174 psi

**Flow rate at 100 psi**  
73 cfm  
( $\Delta P = 10$  psi)

**ID Passage**  
3/8" body size

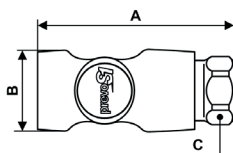
**Temperature**  
+5°F to +158°F

**Construction**  
Composite body  
Stainless steel valve

**Applications**  
Corrosive atmospheres

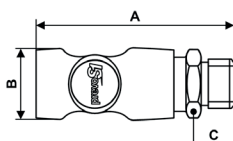
**Highlight**  
Anti-static,  
Non scratch

## PARALLEL FEMALE THREAD COUPLER - STAINLESS STEEL



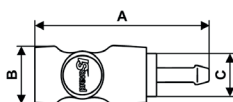
A (inch)	B (inch)	C (mm)	BSPP female thread	Part Numbers
2.886	1.268	23	1/4" FBSP	<b>ESI 071101HE</b>
2.886	1.268	26	3/8" FBSP	<b>ESI 071102HE</b>
3.161	1.268	26	1/2" FBSP	<b>ESI 071103HE</b>

## PARALLEL MALE THREAD COUPLER - STAINLESS STEEL



A (inch)	B (inch)	C (mm)	BSPP male thread	Part Numbers
3.201	1.268	23	1/4" MBSP	<b>ESI 071151HE</b>
3.24	1.268	26	3/8" MBSP	<b>ESI 071152HE</b>
3.319	1.268	26	1/2" MBSP	<b>ESI 071153HE</b>

## HOSE STEM COUPLER - STAINLESS STEEL



A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
3.437	1.268	0.906	3/8" Hose Barb	<b>ESI 071810HE</b>

# STAINLESS STEEL PLUG


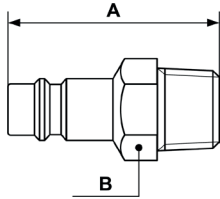
## 3/8" HIGH FLOW INTERCHANGE




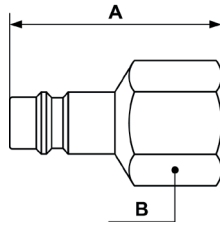
ID Passage  
3/8" body size

Construction  
Stainless steel


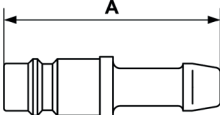
### MALE THREAD PLUG - STAINLESS STEEL

		<b>A (inch)</b>	<b>B (mm)</b>	<b>BSPT male thread</b>	<b>Part Numbers</b>
		1.398	13	1/4" MBSP	<b>ERP 076151HE</b>
		1.614	17	3/8" MBSP	<b>ERP 076152HE</b>
Teflon-coated thread					

### PARALLEL FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>BSPP female thread</b>	<b>Part Numbers</b>
		1.575	15	1/4" FBSP	<b>ERP 076101HE</b>
		1.614	21	3/8" FBSP	<b>ERP 076102HE</b>

### HOSE STEM PLUG - STAINLESS STEEL

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.811	-	3/8" Hose Barb	<b>ERP 076810HE</b>

# PREVOS1 SAFETY QUICK COUPLING

## 1/2" HIGH FLOW INTERCHANGE



**Technology**  
"One push"  
safety system  
(avoids hose whip)

**Operating pressure**  
29 to 174 psi

**Flow rate at 100 psi**  
81 cfm  
( $\Delta P = 10$  psi)

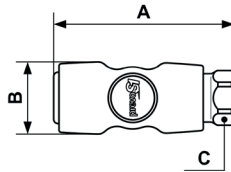
**ID Passage**  
1/2" body size

**Temperature**  
+5°F to +158°F

**Construction**  
Composite body

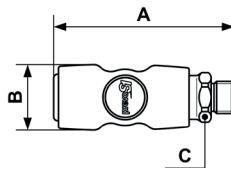
**Highlight**  
Non scratch

### PARALLEL FEMALE THREAD COUPLER



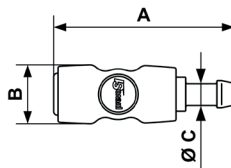
A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
3.287	1.343	23	3/8" FNPT	<b>ESI 111202CB</b>
3.642	1.343	23	1/2" FNPT	<b>ESI 111203CB</b>

### MALE THREAD COUPLER



A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
3.76	1.343	23	3/8" MNPT	<b>ESI 111252CB</b>
3.917	1.343	23	1/2" MNPT	<b>ESI 111253CB</b>

### HOSE STEM COUPLER



A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
3.898	1.343	0.394	3/8" Hose Barb	<b>ESI 111810CB</b>
4.094	1.343	0.492	1/2" Hose Barb	<b>ESI 111813CB</b>
4.094	1.343	0.61	5/8" Hose Barb	<b>ESI 111816CB</b>
4.094	1.343	0.728	3/4" Hose Barb	<b>ESI 111819CB</b>


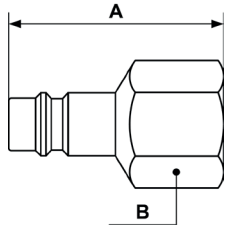
# PLUG 1/2" HIGH FLOW INTERCHANGE




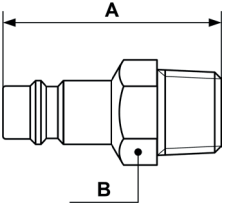
ID Passage  
1/2" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## FEMALE THREAD PLUG


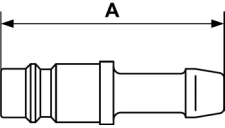
		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.575	0.827	3/8" FNPT	<b>ERP 116202</b>
		1.772	0.984	1/2" FNPT	<b>ERP 116203</b>
		1.85	1.26	3/4" FNPT	<b>ERP 116204</b>

## MALE THREAD PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		1.693	1.26	3/8" MNPT	<b>ERP 116252</b>
		1.969	0.866	1/2" MNPT	<b>ERP 116253</b>
		2.087	1.063	3/4" MNPT	<b>ERP 116254</b>

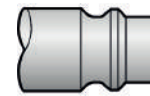
Teflon-coated thread

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.732	-	3/8" Hose Barb	<b>ERP 116810</b>
		2.047	-	1/2" Hose barb	<b>ERP 116813</b>
		2.087	-	5/8" Hose Barb	<b>ERP 116816</b>
		3.11	-	3/4" Hose Barb	<b>ERP 116819</b>



# PREVOS1 SAFETY QUICK COUPLING 1/2" HIGH FLOW INTERCHANGE



Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 232 psi


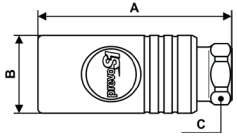
Flow rate at  
100 psi  
142 cfm  
( $\Delta P = 10$  psi)

ID Passage  
1/2" body size


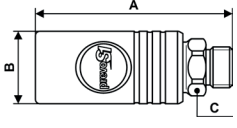
Temperature  
+5°F to +158°F

Construction  
Body:  
Stainless steel


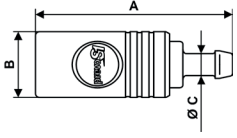
## PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		3.563	1.457	26	-	-	3/8" FNPT	<b>ESI 111202</b>
		3.654	1.457	26	-	-	1/2" FNPT	<b>ESI 111203</b>
		3.898	1.457	30	-	-	3/4" FNPT	<b>ESI 111204</b>


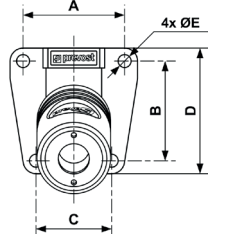
## MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		4.055	1.457	26	-	-	3/8" MNPT	<b>ESI 111252</b>
		4.213	1.457	26	-	-	1/2" MNPT	<b>ESI 111253</b>
		4.291	1.457	30	-	-	3/4" MNPT	<b>ESI 111254</b>


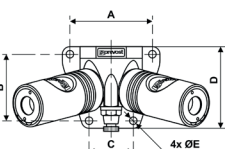
## HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		5.02	1.457	0.394	-	-	3/8" Hose Barb	<b>ESI 111810</b>
		4.386	1.457	0.492	-	-	1/2" Hose Barb	<b>ESI 111813</b>
		4.386	1.457	0.61	-	-	5/8" Hose Barb	<b>ESI 111816</b>
		6.004	1.457	0.728	-	-	3/4" Hose Barb	<b>ESI 111819</b>

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/2" HIGH FLOW INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ESI 11	<b>ESI 111203WK</b>

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/2" HIGH FLOW INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 11	<b>ESI 118204WK</b>


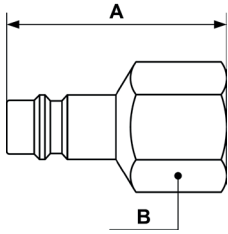
# PLUG 1/2" HIGH FLOW INTERCHANGE




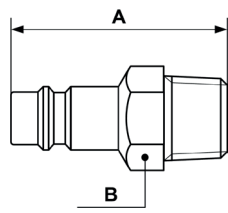
ID Passage  
1/2" body size

Construction  
Treated steel  
Corrosion-proof  
treatment


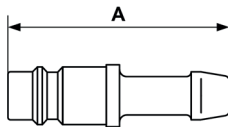
## FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.575	0.827	3/8" FNPT	<b>ERP 116202</b>
		1.772	0.984	1/2" FNPT	<b>ERP 116203</b>
		1.85	1.26	3/4" FNPT	<b>ERP 116204</b>

## MALE THREAD PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		1.693	1.26	3/8" MNPT	<b>ERP 116252</b>
		1.969	0.866	1/2" MNPT	<b>ERP 116253</b>
		2.087	1.063	3/4" MNPT	<b>ERP 116254</b>
Teflon-coated thread					

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.732	-	3/8" Hose Barb	<b>ERP 116810</b>
		2.047	-	1/2" Hose barb	<b>ERP 116813</b>
		2.087	-	5/8" Hose Barb	<b>ERP 116816</b>
		3.11	-	3/4" Hose Barb	<b>ERP 116819</b>

## ASSOCIATED PRODUCTS



Open hose reels DLO  
p 218



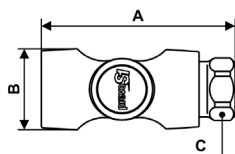
PPS1 aluminum fittings for pipe  
p 180

# PREVOS1 SAFETY QUICK COUPLING

## 1/4" ARO 210 INTERCHANGE

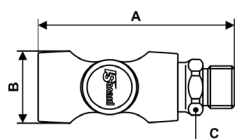


### PARALLEL FEMALE THREAD COUPLER



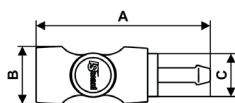
A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
2.677	1.181	20	-	-	1/4" FNPT	<b>ASI 061201</b>
2.835	1.181	20	-	-	3/8" FNPT	<b>ASI 061202</b>
3.11	1.181	23	-	-	1/2" FNPT	<b>ASI 061203</b>

### MALE THREAD COUPLER



A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
3.11	1.181	20	-	-	1/4" MNPT	<b>ASI 061251</b>
3.11	1.181	20	-	-	3/8" MNPT	<b>ASI 061252</b>
3.346	1.181	23	-	-	1/2" MNPT	<b>ASI 061253</b>

### HOSE STEM COUPLER



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
3.268	1.181	0.764	-	-	1/4" Hose Barb	<b>ASI 061806</b>
3.268	1.181	0.764	-	-	3/8" Hose Barb	<b>ASI 061810</b>
3.465	1.181	0.764	-	-	1/2" Hose Barb	<b>ASI 061813</b>

Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 174 psi

Flow rate at  
100 psi  
32 cfm  
( $\Delta P = 10$  psi)


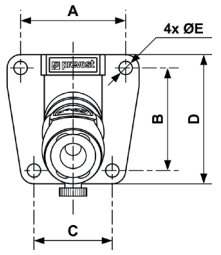
ID Passage  
1/4" body size

Temperature  
+5°F to +158°F


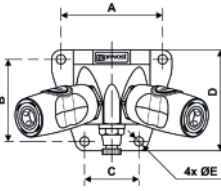
Construction  
Composite body

Highlight  
Anti-static,  
Non scratch

### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/4" ARO 210 INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ASI 06	<b>ASI 061203WK</b>

### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/4" ARO 210 INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	ASI 06	<b>ASI 068203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ASI 06	<b>ASI 068204WK</b>

### NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 1/4" ARO 210 INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet	Part Numbers
		3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x ASI 06	<b>MF 204S4AS</b>
		3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x ASI 06	<b>MF 204S6AS</b>
		3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x ASI 06	<b>MF 204S8AS</b>
		3.071	10.63	2.48	8.465	0.256	3/4" FNPT	10 x ASI 06	<b>MF 204S10AS</b>

### ASSOCIATED PRODUCTS

 <p>FLEXAIR hose extension with <b>prevoS1</b> coupling - <a href="#">p 238</a></p>	 <p><b>27202</b> blow guns <a href="#">p 275</a></p>	 <p>PPS1 aluminum fittings for pipe <a href="#">p 180</a></p>	 <p>Enclosed hose reels DRF <a href="#">p 213</a></p>
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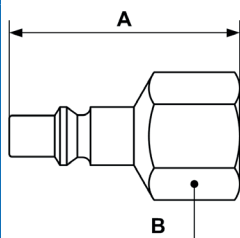
# PLUG 1/4" ARO 210 INTERCHANGE



ID Passage  
1/4" body size

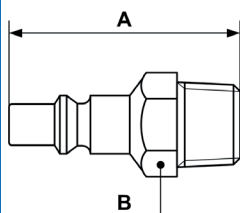
Construction  
Treated steel  
Corrosion-proof  
treatment

## PARALLEL FEMALE THREAD PLUG



A (inch)	B (mm)	NPT female thread	Part Numbers
1.575	17	1/4" FNPT	<b>ARP 066201</b>
1.732	21	3/8" FNPT	<b>ARP 066202</b>

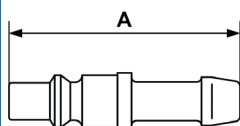
## MALE THREAD PLUG



A (inch)	B (mm)	NPT male thread	Part Numbers
1.614	14	1/4" MNPT	<b>ARP 066251</b>
1.732	17	3/8" MNPT	<b>ARP 066252</b>

Thread: Teflon-coated

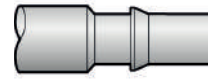
## HOSE STEM PLUG



A (inch)	B (inch)	For hose ID	Part Numbers
2.087	-	1/4" Hose Barb	<b>ARP 066806</b>
2.165	-	3/8" Hose Barb	<b>ARP 066810</b>

# PREVOS1 SAFETY QUICK COUPLING

## 1/4" ISO 6150 C INTERCHANGE



Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 174 psi

Flow rate at  
100 psi  
34 cfm  
( $\Delta P = 10$  psi)


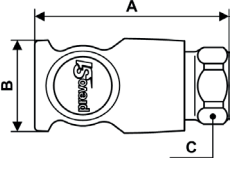
ID Passage  
1/4" body size

Temperature  
+5°F to +158°F


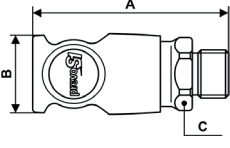
Construction  
Composite body

Highlight  
Anti-static,  
Non scratch


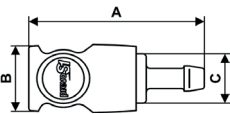
### PARALLEL FEMALE THREAD COUPLER

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
			2.165	1.063	20	-	-	1/4" FNPT	<b>CSI 061201</b>
2.382	1.063	20	-	-	3/8" FNPT	<b>CSI 061202</b>			
2.618	1.063	26	-	-	1/2" FNPT	<b>CSI 061203</b>			


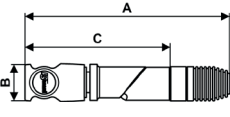
### MALE THREAD COUPLER

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
			2.48	1.063	20	-	-	1/4" MNPT	<b>CSI 061251</b>
2.559	1.063	23	-	-	3/8" MNPT	<b>CSI 061252</b>			
2.717	1.063	26	-	-	1/2" MNPT	<b>CSI 061253</b>			

### HOSE TAIL COUPLER

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
			2.736	1.063	0.906	-	-	1/4" Hose Barb	<b>CSI 061806</b>
2.736	1.063	0.906	-	-	3/8" Hose Barb	<b>CSI 061810</b>			
2.933	1.063	1.102	-	-	1/2" Hose Barb	<b>CSI 061813</b>			

### THREAD SWIVEL COUPLER

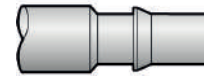
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	Part Numbers
			6.22	1.063	4.409	-	-	3/8" FNPT	<b>CSI 061202SW</b>

360° rotation in 2 axes



# PREVOS1 SAFETY QUICK COUPLING

## 1/4" ISO 6150 C INTERCHANGE



Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 174 psi

Flow rate at  
100 psi  
34 cfm  
(ΔP = 10 psi)

ID Passage  
1/4" body size

Temperature  
+5°F to +158°F

Construction  
Composite body

Highlight  
Anti-static,  
Non scratch

### BULKHEAD COUPLER

		A (inch)	B (inch)	C (mm)	D (mm)	E (inch)	NPT female thread	Ø Drill (in)	Panel thickness (in)	Part Numbers
		2.776	1.063	29	32	-	1/4" FNPT	1.06	0.43	<b>CSI 062201</b>

### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/4" ISO 6150 C INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	CSI 06	<b>CSI 061203WK</b>

### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/4" ISO 6150 C INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	CSI 06	<b>CSI 068203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	CSI 06	<b>CSI 068204WK</b>

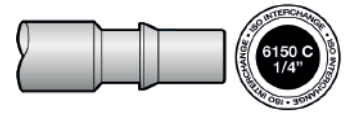
### NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 1/4" ISO 6150 C INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet	Part Numbers
		3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x CSI 06	<b>MF 204S4CS</b>
		3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x CSI 06	<b>MF 204S6CS</b>
		3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x CSI 06	<b>MF 204S8CS</b>
		3.071	10.63	2.48	8.465	0.256	3/4" FNPT	10 x CSI 06	<b>MF 204S10CS</b>

### ASSOCIATED PRODUCTS

prevoS1 blow guns p 270	PPS1 aluminum fittings for pipe p 180	Enclosed hose reels DMF p 212


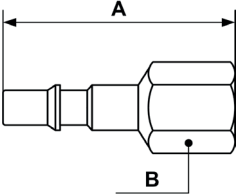
# PLUG 1/4" ISO 6150 C INTERCHANGE




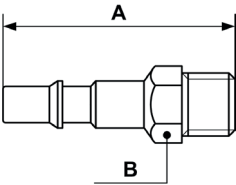
ID Passage  
1/4" body size

Construction  
Stainless steel


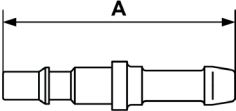
## PARALLEL FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.969	17	1/4" FNPT	<b>CRP 066201</b>
		2.126	24	3/8" FNPT	<b>CRP 066202</b>

## PARALLEL MALE PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		1.89	14	1/4" MNPT	<b>CRP 066251</b>
		2.047	17	3/8" MNPT	<b>CRP 066252</b>

## HOSE STEM PLUG


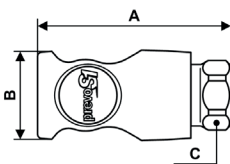
		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		2.441	-	1/4" Hose Barb	<b>CRP 066806</b>
		2.441	-	3/8" Hose Barb	<b>CRP 066810</b>
		2.441	-	1/2" Hose Barb	<b>CRP 066813</b>

# PREVOST SAFETY QUICK COUPLING


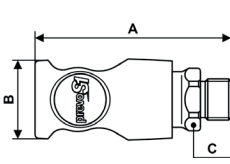
## 3/8" ISO 6150 C INTERCHANGE




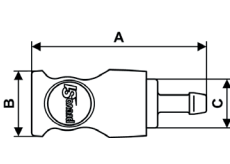
### FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT female thread	Part Numbers
		2.657	1.26	23	-	-	1/4" FNPT	<b>CSI 081201</b>
		2.657	1.26	23	-	-	3/8" FNPT	<b>CSI 081202</b>
		2.972	1.26	26	-	-	1/2" FNPT	<b>CSI 081203</b>


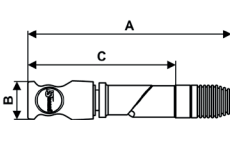
### MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	Part Numbers
		2.972	1.26	23	-	-	1/4" MNPT	<b>CSI 081251</b>
		3.012	1.26	23	-	-	3/8" MNPT	<b>CSI 081252</b>
		3.091	1.26	26	-	-	1/2" MNPT	<b>CSI 081253</b>

### HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For hose ID	Part Numbers
		3.209	1.26	0.906	-	-	3/8" Hose Barb	<b>CSI 081810</b>
		3.406	1.26	1.102	-	-	1/2" Hose Barb	<b>CSI 081813</b>
		3.406	1.26	1.102	-	-	5/8" Hose Barb	<b>CSI 081816</b>

### THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	Part Numbers
		6.654	1.26	4.843	-	-	3/8" FNPT	<b>CSI 081202SW</b>

360° rotation in 2 axes

Technology  
"One push"  
safety system  
(avoids hose whip)

Operating  
pressure  
29 to 174 psi

Flow rate at  
100 psi  
81 cfm  
( $\Delta P = 10$  psi)


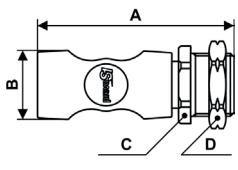
ID Passage  
3/8" body size

Temperature  
+5°F to +158°F

Construction  
Composite body

Highlight  
Anti-static  
Non scratch


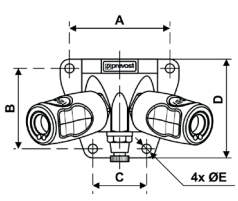
### BULKHEAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>D (mm)</b>	<b>E (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		3.228	1.26	29	32	-	1/2" FNPT	<b>CSI 082203</b>



### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 3/8" ISO 6150 C INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 1 coupling</b>	<b>Part Numbers</b>
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	CSI 08	<b>CSI 081203WK</b>

### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" ISO 6150 C INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	CSI 08	<b>CSI 088203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	CSI 08	<b>CSI 088204WK</b>

### ASSOCIATED PRODUCTS

	
PPS1 aluminum fittings for pipe <a href="#">p 180</a>	Open hose reels DGO <a href="#">p 217</a>

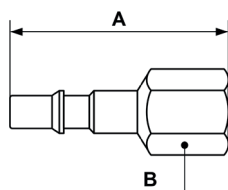
# PLUG 3/8" ISO 6150 C INTERCHANGE



ID Passage  
3/8" body size

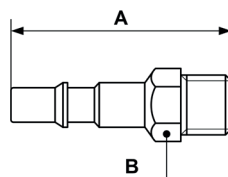
Construction  
Stainless steel

## PARALLEL FEMALE THREAD PLUG



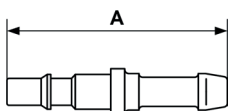
A (inch)	B (mm)	NPT female thread	Part Numbers
2.244	19	1/4" FNPT	<b>CRP 086201</b>
2.323	24	3/8" FNPT	<b>CRP 086202</b>
2.441	24	1/2" FNPT	<b>CRP 086203</b>

## PARALLEL MALE THREAD PLUG



A (inch)	B (mm)	NPT male thread	Part Numbers
2.165	19	1/4" MNPT	<b>CRP 086251</b>
2.205	16	3/8" MNPT	<b>CRP 086252</b>
2.362	24	1/2" MNPT	<b>CRP 086253</b>

## HOSE STEM PLUG



A (inch)	B (inch)	For hose ID	Part Numbers
2.598	-	1/4" Hose Barb	<b>CRP 086806</b>
2.598	-	3/8" Hose Barb	<b>CRP 086810</b>
2.598	-	1/2" Hose Barb	<b>CRP 086813</b>
2.756	-	5/8" Hose Barb	<b>CRP 086816</b>

# SAFETY QUICK COUPLING 1/4" INDUSTRIAL INTERCHANGE



**Technology**  
Safety (avoid  
hose whip)

**Operating  
pressure**  
0 to 174 psi

**Flow rate at  
100 psi**  
34 cfm  
( $\Delta P = 10$  psi)


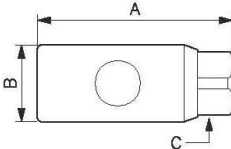
**ID Passage**  
1/4" body size

**Temperature**  
+5°F to +158°F


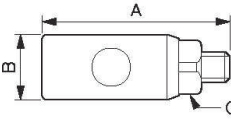
**Construction**  
Composite body

**Highlight**  
Non scratch


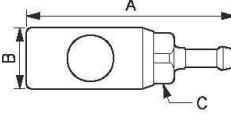
## FEMALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.815	1.102	23	1/4" FNPT	<b>ISC 061201</b>
		3.13	1.102	23	3/8" FNPT	<b>ISC 061202</b>
		3.248	1.102	23	1/2" FNPT	<b>ISC 061203</b>


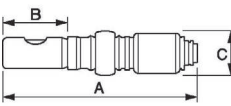
## MALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		3.13	1.102	23	1/4" MNPT	<b>ISC 061251</b>
		3.13	1.102	23	3/8" MNPT	<b>ISC 061252</b>
		3.209	1.102	23	1/2" MNPT	<b>ISC 061253</b>

## HOSE STEM COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		3.76	1.102	23	1/4" Hose Barb	<b>ISC 061806</b>
		3.76	1.102	23	3/8" Hose Barb	<b>ISC 061810</b>

## FEMALE THREAD SWIVEL COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		3.76	1.102	0.906	1/4" FNPT	<b>ISC 061201FA</b>
		3.76	1.102	0.906	3/8" FNPT	<b>ISC 061202FA</b>



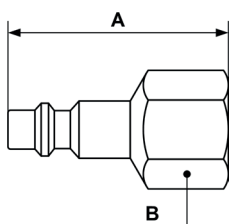
# PLUG 1/4" INDUSTRIAL INTERCHANGE



ID Passage  
1/4" body size

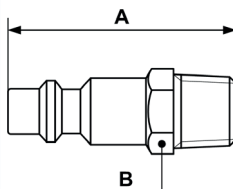
Construction  
Treated steel  
Corrosion-proof  
treatment

## PARALLEL FEMALE THREAD PLUG



A (inch)	B (mm)	NPT female thread	Part Numbers
1.614	17	1/4" FNPT	<b>IRP 066201</b>
1.772	21	3/8" FNPT	<b>IRP 066202</b>

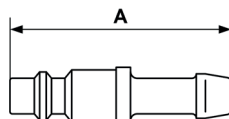
## MALE THREAD PLUG



A (inch)	B (mm)	NPT male thread	Part Numbers
1.693	14	1/4" MNPT	<b>IRP 066251</b>
1.772	17	3/8" MNPT	<b>IRP 066252</b>

Teflon-coated thread

## HOSE STEM PLUG



A (inch)	B (inch)	For hose ID	Part Numbers
1.929	-	1/4" Hose Barb	<b>IRP 066806</b>
1.969	-	3/8" Hose Barb	<b>IRP 066810</b>

# SAFETY QUICK COUPLING 3/8" INDUSTRIAL INTERCHANCE



**Technology**  
Safety  
(avoid hose whip)

**Operating pressure**  
0 to 174 psi

**Flow rate at 100 psi**  
78 cfm  
( $\Delta P = 10$  psi)

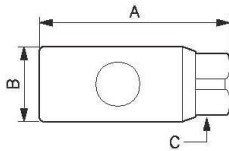
**ID Passage**  
3/8" body size

**Temperature**  
+5°F to +158°F

**Construction**  
Composite body

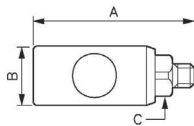
**Highlight**  
Non scratch

## PARALLEL FEMALE THREAD COUPLER



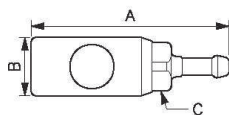
A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
3.287	1.299	25	1/4" FNPT	<b>ISC 081201</b>
3.327	1.299	25	3/8" FNPT	<b>ISC 081202</b>
3.681	1.299	25	1/2" FNPT	<b>ISC 081203</b>

## MALE THREAD COUPLER



A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
3.563	1.299	25	1/4" MNPT	<b>ISC 081251</b>
3.602	1.299	25	3/8" MNPT	<b>ISC 081252</b>
3.681	1.299	25	1/2" MNPT	<b>ISC 081253</b>

## HOSE STEM COUPLER



A (inch)	B (inch)	C (mm)	For hose ID	Part Numbers
4.114	1.299	25	3/8" Hose Barb	<b>ISC 081810</b>
4.114	1.299	25	1/2" Hose Barb	<b>ISC 081813</b>

# SAFETY QUICK COUPLING

## 3/8" INDUSTRIAL INTERCHANGE



**Technology**  
Safety  
(avoid hose whip)

**Operating pressure**  
0 to 174 psi

**Flow rate at 100 psi**  
78 cfm  
( $\Delta P = 10$  psi)

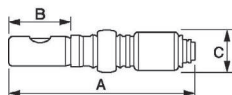
**ID Passage**  
3/8" body size

**Temperature**  
+5°F to +158°F

**Construction**  
Composite body

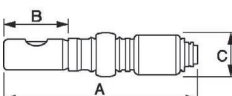
**Highlight**  
Non scratch

### MALE SWIVEL THREAD COUPLER



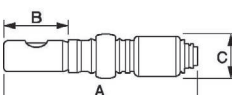
A (inch)	B (inch)	C (inch)	NPT male thread	Part Numbers
7.291	2.697	1.575	1/4" MNPT	<b>ISC 081251FA</b>
7.291	2.697	1.575	3/8" MNPT	<b>ISC 081252FA</b>
7.291	2.697	1.575	1/2" MNPT	<b>ISC 081253FA</b>

### SWIVEL FEMALE THREAD COUPLER



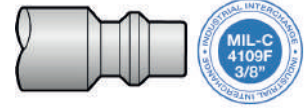
A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
7.291	2.697	1.575	3/8" FNPT	<b>ISC 081202FA</b>

### SWIVEL HOSE COUPLER



A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
7.291	2.697	1.575	3/8" Hose Barb	<b>ISC 081810FA</b>
7.291	2.697	1.575	1/2" Hose Barb	<b>ISC 081813FA</b>


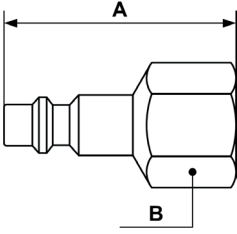
# PLUG 3/8" INDUSTRIAL INTERCHANGE




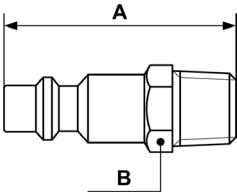
ID Passage  
3/8" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## PARALLEL FEMALE THREAD PLUG


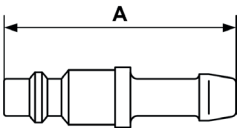
		A (inch)	B (mm)	NPT female thread	Part Numbers
		1.772	17	1/4" FNPT	<b>IRP 086201</b>
		1.929	21	3/8" FNPT	<b>IRP 086202</b>
		2.087	25	1/2" FNPT	<b>IRP 086203</b>

## MALE THREAD PLUG

		A (inch)	B (mm)	NPT male thread	Part Numbers
		2.087	17	1/4" MNPT	<b>IRP 086251</b>
		2.087	17	3/8" MNPT	<b>IRP 086252</b>
		2.323	27	1/2" MNPT	<b>IRP 086253</b>

Teflon-coated thread

## HOSE STEM PLUG

		A (inch)	B (inch)	For hose ID	Part Numbers
		2.106	-	3/8" Hose Barb	<b>IRP 086810</b>
		2.323	-	1/2" Hose Barb	<b>IRP 086813</b>
		2.362	-	5/8" Hose Barb	<b>IRP 086816</b>

# SAFETY QUICK COUPLING

## 1/4" AUTOMOTIVE INTERCHANGE



**Technology**  
Safety  
(avoid hose whip)

**Operating pressure**  
0 to 174 psi

**Flow rate at 100 psi**  
34 cfm  
( $\Delta P = 10$  psi)


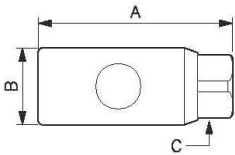
**ID Passage**  
1/4" body size

**Temperature**  
+5°F to +158°F


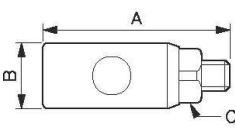
**Construction**  
Composite body

**Highlight**  
Non scratch


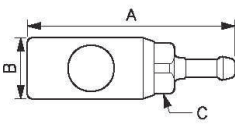
### FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
		2.776	1.102	23	1/4" FNPT	<b>USC 061201</b>
		3.13	1.102	23	3/8" FNPT	<b>USC 061202</b>
		3.248	1.102	23	1/2" FNPT	<b>USC 061203</b>


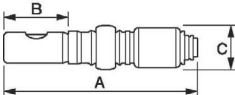
### MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
		3.209	1.102	23	1/4" MNPT	<b>USC 061251</b>
		3.169	1.102	23	3/8" MNPT	<b>USC 061252</b>
		3.248	1.102	23	1/2" MNPT	<b>USC 061253</b>


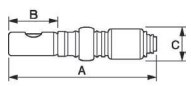
### HOSE STEM COUPLER

		A (inch)	B (inch)	C (mm)	For hose ID	Part Numbers
		3.76	1.102	23	3/8" Hose Barb	<b>USC 061810</b>

### FEMALE THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		6.898	2.303	1.575	1/4" NPT	<b>USC 061201FA</b>

### HOSE STEM SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
		6.898	2.303	1.575	3/8" Hose Barb	<b>USC 061810FA</b>


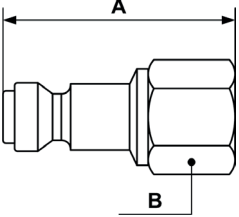
# PLUG 1/4" AUTOMOTIVE INTERCHANGE




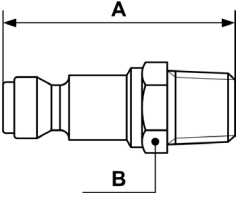
ID Passage  
1/4" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## FEMALE THREAD PLUG


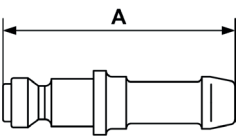
		A (inch)	B (mm)	NPT female thread	Part Numbers
		1.575	17	1/4" FNPT	<b>URP 066201</b>
		1.654	21	3/8" FNPT	<b>URP 066202</b>
		1.89	25	1/2" FNPT	<b>URP 066203</b>

## MALE THREAD PLUG

		A (inch)	B (mm)	NPT male thread	Part Numbers
		1.614	14	1/4" MNPT	<b>URP 066251</b>
		1.89	25	3/8" MNPT	<b>URP 066252</b>
		1.969	22	1/2" MNPT	<b>URP 066253</b>

Teflon-coated thread

## HOSE STEM PLUG

		A (inch)	B (inch)	For hose ID	Part Numbers
		2.047	-	1/4" Hose Barb	<b>URP 066806</b>
		2.087	-	3/8" Hose Barb	<b>URP 066810</b>

# SAFETY QUICK COUPLING

## 3/8" AUTOMOTIVE INTERCHANGE



**Technology**  
Safety  
(avoid hose whip)

**Operating pressure**  
0 to 174 psi

**Flow rate at 100 psi**  
78 cfm  
( $\Delta P = 10$  psi)

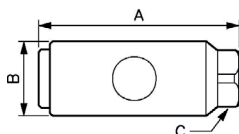
**ID Passage**  
3/8" body size

**Temperature**  
+5°F to +158°F

**Construction**  
Composite body

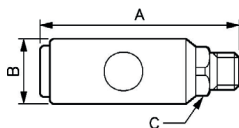
**Highlight**  
Non scratch

### FEMALE THREAD COUPLER



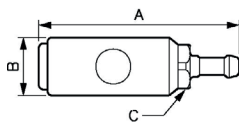
A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
3.524	1.299	25	1/4" FNPT	<b>USC 081201</b>
3.524	1.299	25	3/8" FNPT	<b>USC 081202</b>
3.878	1.299	25	1/2" FNPT	<b>USC 081203</b>

### MALE THREAD COUPLER



A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
3.917	1.299	25	1/4" MNPT	<b>USC 081251</b>
3.917	1.299	25	3/8" MNPT	<b>USC 081252</b>
4.075	1.299	25	1/2" MNPT	<b>USC 081253</b>

### HOSE STEM COUPLER



A (inch)	B (inch)	C (mm)	For hose ID	Part Numbers
4.508	1.299	25	1/2" Hose Barb	<b>USC 081813</b>


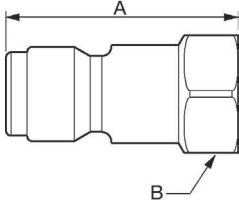
# PLUG 3/8" AUTOMOTIVE INTERCHANGE




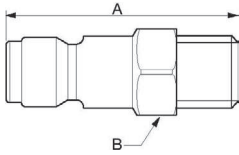
ID Passage  
3/8" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## TAPERED FEMALE THREAD PLUG


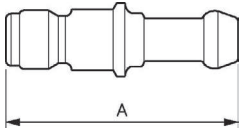
		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.811	17	1/4" FNPT	<b>URP 086201</b>
		1.85	17	3/8" FNPT	<b>URP 086202</b>
		1.969	22	1/2" FNPT	<b>URP 086203</b>

## MALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		1.811	17	1/4" MNPT	<b>URP 086251</b>
		1.85	17	3/8" MNPT	<b>URP 086252</b>
		1.969	22	1/2" MNPT	<b>URP 086253</b>

Teflon-coated thread

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		2.362	-	3/8" Hose Barb	<b>URP 086810</b>
		2.598	-	1/2" Hose Barb	<b>URP 086813</b>



# 2

# CSM safety quick release coupling

**CSM safety couplings** combine reliability and high performance with technology that guarantees the couplings are safe, easy to use, leak free and durable.

## ■ ANTI-HOSE WHIP SAFETY MECHANISM

The **CSM range** offers two-press depressurization and uncoupling:

- **1**: automatic depressurization of the downline hose.
- **2**: safe uncoupling.

## ■ LEAK FREE

Each coupling is individually inspected before leaving the factory for a guaranteed leak free performance.

This significantly cuts energy costs.

## ■ PERFORMANCE

The design of **CSM** couplings actively enhances the efficiency of pneumatic facilities.

The mechanism is reliable and the couplings offer an excellent flow rate.



Complies with the safety requirements of the **ISO 4414 standard**.

Flow rate at 100 psi - ΔP: 10 psi			Working pressure		Temperature	Weight
Ø 6 mm - 1/4" <b>CSM 06</b>	Ø 8 mm - 3/8" <b>CSM 08</b>	Ø 11 mm - 1/2" <b>CSM 11</b>	Ø 6 mm - 1/4" <b>CSM 06</b>	Ø 8 mm - 3/8" <b>CSM 08</b> Ø 11 mm - 1/2" <b>CSM 11</b>		Couplings Ø 6 mm - 1/4" for hoses Ø 10 mm - 3/8"
34 cfm	85 cfm	165 cfm	0 to 232 psi	29 to 232 psi	+5°F to +158°F	from 2.4 Oz

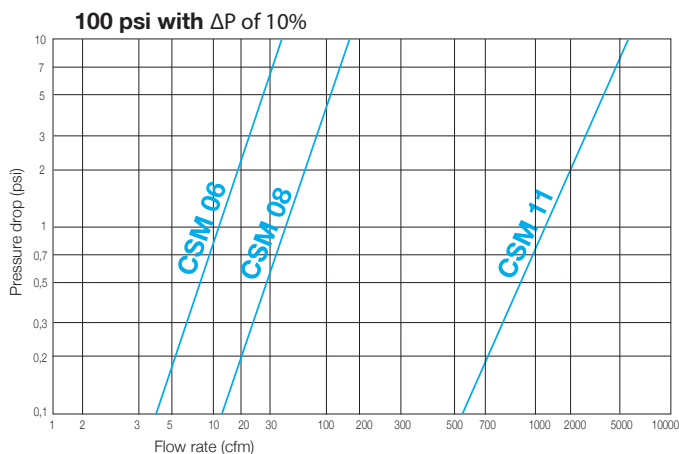
## DURABLE

### Materials used:

- Reinforced stainless steel body with 17% chromium
- One-piece lock: stainless steel with 13% chromium
- Streamlined valve and nitrile gasket
- Obturator: steel or aluminum with anti-corrosion treatment

### Withstands:

- Abrasion
- Impacts
- Crushing
- Corrosion

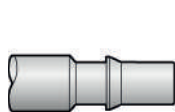


## COMPATIBILITY

Couplings are compatible with all international profile connections.

ISO 6150 series C interchange, 3 body sizes:

- 6 mm - 1/4", **CSM 06**
- 8 mm - 3/8", **CSM 08**
- 11 mm - 1/2", **CSM 11**



RoHS Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (lead, mercury, cadmium, hexavalent chromium, polybrominated bi-phenyls –PBBs– and polybrominated di-phenyl ethers –PBDEs–).

# METAL SAFETY QUICK RELEASE COUPLINGS 1/4" - CSM 06



**Technology**  
Safety (avoid hose whip)

**Operating pressure**  
0 to 232 psi

**Flow rate at 100 psi**  
34 cfm  
( $\Delta P = 10$  psi)

**ID Passage**  
1/4" body size

**Temperature**  
+5°F to +158°F

**Highlight**  
Anti-static

## TAPERED FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
		2.008	0.866	20	1/4" FNPT	<b>CSM 061201</b>
		2.283	0.866	21	3/8" FNPT	<b>CSM 061202</b>
		2.441	0.866	25	1/2" FNPT	<b>CSM 061203</b>

## TAPERED MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
		2.323	0.866	20	1/4" MNPT	<b>CSM 061251</b>
		2.323	0.866	20	3/8" MNPT	<b>CSM 061252</b>
		2.48	0.866	23	1/2" MNPT	<b>CSM 061253</b>

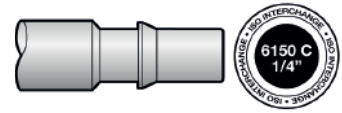
## HOSE STEM COUPLER

		A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
		2.795	0.866	0.787	1/4" Hose Barb	<b>CSM 061806</b>
		2.795	0.866	0.787	3/8" Hose Barb	<b>CSM 061810</b>
		2.992	0.866	0.787	1/2" Hose Barb	<b>CSM 061813</b>

## PARALLEL FEMALE THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		4.055	0.945	-	3/8" FNPT	<b>CSM 061202SW</b>
360° rotation in 2 axes						


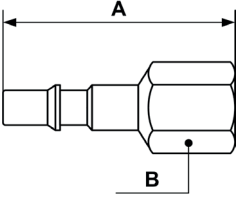
# PLUG 1/4" ISO 6150 C INTERCHANGE




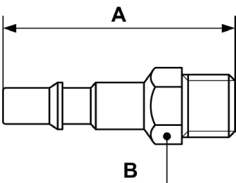
ID Passage  
1/4" body size

Construction  
Stainless steel


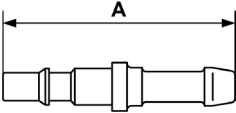
## PARALLEL FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.969	17	1/4" FNPT	<b>CRP 066201</b>
		2.126	24	3/8" FNPT	<b>CRP 066202</b>

## PARALLEL MALE PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		1.89	14	1/4" MNPT	<b>CRP 066251</b>
		2.047	17	3/8" MNPT	<b>CRP 066252</b>

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		2.441	-	1/4" Hose Barb	<b>CRP 066806</b>
		2.441	-	3/8" Hose Barb	<b>CRP 066810</b>
		2.441	-	1/2" Hose Barb	<b>CRP 066813</b>

# METAL SAFETY QUICK RELEASE COUPLINGS 3/8" - CSM 08



**Technology**  
Safety (avoid  
hose whip)

**Operating  
pressure**  
29 to 232 psi

**Flow rate at  
100 psi**  
85 cfm  
( $\Delta P = 10$  psi)

**ID Passage**  
3/8" body size

**Temperature**  
+5°F to +158°F

**Highlight**  
Anti-static

## TAPERED FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
		2.756	1.063	25	1/4" FNPT	<b>CSM 081201</b>
		2.756	1.063	25	3/8" FNPT	<b>CSM 081202</b>
		2.913	1.063	25	1/2" FNPT	<b>CSM 081203</b>

## TAPERED MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
		2.913	1.063	25	1/4" MNPT	<b>CSM 081251</b>
		2.913	1.063	25	3/8" MNPT	<b>CSM 081252</b>
		3.071	1.063	25	1/2" MNPT	<b>CSM 081253</b>

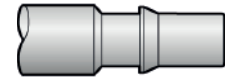
## HOSE TAIL COUPLER

		A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
		3.425	1.063	0.984	3/8" Hose Barb	<b>CSM 081810</b>
		3.622	1.063	0.984	1/2" Hose Barb	<b>CSM 081813</b>
		3.622	1.063	0.984	5/8" Hose Barb	<b>CSM 081816</b>

## TAPERED FEMALE THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		4.724	1.063	-	3/8" FNPT	<b>CSM 081202SW</b>
360° rotation in 2 axes						


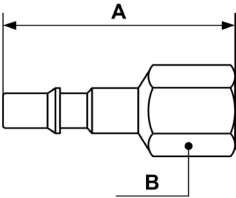
# PLUG 3/8" ISO 6150 C INTERCHANGE




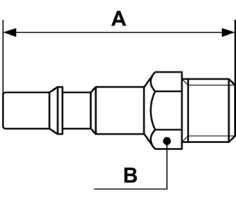
ID Passage  
3/8" body size

Construction  
Stainless steel


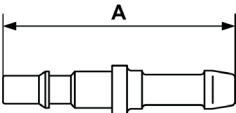
## PARALLEL FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.244	19	1/4" FNPT	<b>CRP 086201</b>
		2.323	24	3/8" FNPT	<b>CRP 086202</b>
		2.441	24	1/2" FNPT	<b>CRP 086203</b>

## PARALLEL MALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		2.165	19	1/4" MNPT	<b>CRP 086251</b>
		2.205	16	3/8" MNPT	<b>CRP 086252</b>
		2.362	24	1/2" MNPT	<b>CRP 086253</b>

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		2.598	-	1/4" Hose Barb	<b>CRP 086806</b>
		2.598	-	3/8" Hose Barb	<b>CRP 086810</b>
		2.598	-	1/2" Hose Barb	<b>CRP 086813</b>
		2.756	-	5/8" Hose Barb	<b>CRP 086816</b>

# METAL SAFETY QUICK RELEASE COUPLINGS 1/2" - CSM 11



**Technology**  
Safety  
(avoid hose whip)

**Operating pressure**  
29 to 232 psi

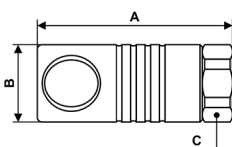
**Flow rate at**  
100 psi  
165 cfm  
( $\Delta P = 10$  psi)

**ID Passage**  
1/2" body size

**Temperature**  
+5°F to +158°F

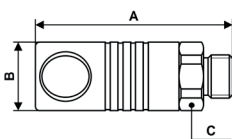
**Highlight**  
Anti-static

## TAPERED FEMALE THREAD COUPLER



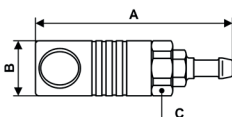
A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
3.307	1.299	30	3/8" FNPT	<b>CSM 111202</b>
3.465	1.299	30	1/2" FNPT	<b>CSM 111203</b>
3.465	1.299	30	3/4" FNPT	<b>CSM 111204</b>

## TAPERED MALE THREAD COUPLER



A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
3.74	1.299	30	3/8" MNPT	<b>CSM 111252</b>
3.898	1.299	30	1/2" MNPT	<b>CSM 111253</b>
4.055	1.299	30	3/4" MNPT	<b>CSM 111254</b>

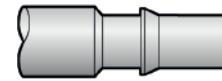
## HOSE TAIL COUPLER



A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
4.685	1.299	1.181	3/8" Hose Barb	<b>CSM 111810</b>
4.409	1.299	1.181	1/2" Hose Barb	<b>CSM 111813</b>
4.37	1.299	1.181	5/8" Hose Barb	<b>CSM 111816</b>
5.787	1.299	1.181	3/4" Hose Barb	<b>CSM 111819</b>

# QUICK RELEASE PLUGS


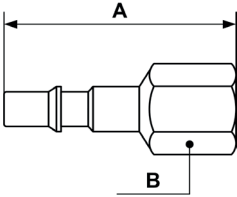
## 1/2" - CRP 11




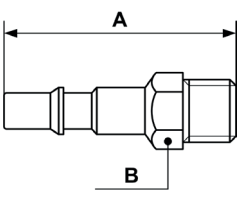
ID Passage  
1/2" body size

Construction  
Stainless steel


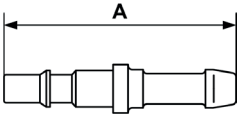
### PARALLEL FEMALE THREAD PLUG

		A (inch)	B (mm)	NPT female thread	Part Numbers
		2.362	24	3/8" FNPT	<b>CRP 116202</b>
		2.598	27	1/2" FNPT	<b>CRP 116203</b>
		2.598	32	3/4" FNPT	<b>CRP 116204</b>

### PARALLEL MALE THREAD PLUGS

		A (inch)	B (mm)	NPT male thread	Part Numbers
		2.638	24	3/8" MNPT	<b>CRP 116252</b>
		2.717	27	1/2" MNPT	<b>CRP 116253</b>
		2.835	32	3/4" MNPT	<b>CRP 116254</b>

### HOSE STEM PLUGS


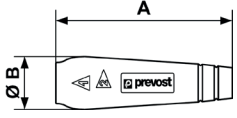
		A (inch)	B (inch)	For hose ID	Part Numbers
		2.835	-	3/8" Hose Barb	<b>CRP 116810</b>
		2.835	-	1/2" Hose Barb	<b>CRP 116813</b>
		2.835	-	5/8" Hose Barb	<b>CRP 116816</b>
		3.78	-	3/4" Hose Bard	<b>CRP 116819</b>



# EAR-CLAMP PROTECTORS


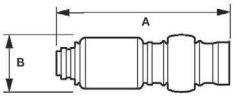
Highlight  
Non scratch

## RUBBER COUPLER PROTECTORS


		A (inch)	B (inch)	For tube OD (in)	Part Numbers
		3.937	1.161	1/4" - 3/8"	<b>ECP S11417</b>
		4.331	1.299	3/8" - 1/2"	<b>ECP S11720</b>

Provides a 100% non-scratch connection between the **prevoS1** coupling and the hose, by covering the ear-clamps

## NON-SCRATCH BOOT

		A (inch)	B (inch)	Compatible with	Part Numbers
		4.646	1.575	Rubber boot for swivel coupler FA	<b>NSB FA</b>

## NON-SCRATCH BOOT

	A (inch)	B (inch)	Description	Part Numbers
	-	-	Short side non-Scratch boot for SW couplers	<b>PSW SH08</b>
	-	-	Long side non-scratch boot for SW couplers	<b>PSW TL08</b>

# 3

# PROLAC quick couplings

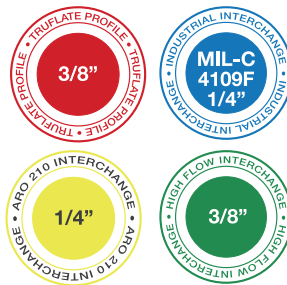


**PROLAC couplings** are easily connected by pushing the plug into the coupling. To disconnect instantaneously, simply press the button.

Tools equipped with compact and lightweight **PROLAC** couplings can be used for long periods of time without causing fatigue.

## APPLICATIONS

- Assembly and finishing workshops
- Automotive paint shops
- Bodywork shops
- Woodworking shops



**PROLAC** couplings are connected to the end of an air hose to allow quick and direct connection of pneumatic tools or paint spray guns with the corresponding plugs.

## Compact, lightweight, **non-scratch couplings**

### COMPACT

The single-piece, perfectly cylindrical composite body enables the couplings to be used in all work environments.

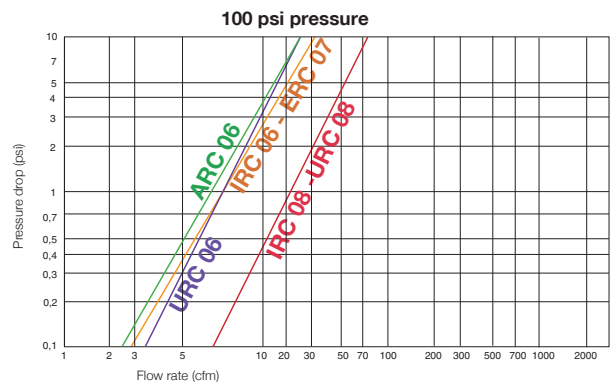
There are no parts overhanging outside the connector, avoiding accidental catching and disconnections.

### NON-SCRATCH

If the coupling rubs against delicate surfaces, its reinforced polymer construction prevents the risk of scratches.

### LIGHTWEIGHT

**Prolac** couplings are designed to enhance efficiency in the users movements because they are easy to use, lightweight and compact.



# PROLAC quick couplings

## Simple and safe connection and disconnection

■ To connect a **PROLAC** coupling, simply push the plug into the coupling.  
To instantaneously disconnect, just a single thumb press on the button. The single press disconnection and shut off process feels natural.

- Quick couplings paired with a PREVOST plug assure users a leak free performance:
- Plug on O-ring
  - Valve gasket attached through the seat
  - Core gasket in the shut off chamber

### SWIVEL VERSION: FA



The 360° rotating axis allows for unrestricted movement. This swivel joint eliminates awkward movements in the hose from winding and twisting.  
Users can move freely when using a paint spray gun, air tool or performing other precision work.

### STAINLESS STEEL VERSION: PROXI



**External construction:** composite material compatible with corrosive atmospheres\*  
**Internal construction:** high-tensile stainless steel\*  
• Shut-off valve: 316L stainless steel  
**Fluids carried:**  
• Compressed air in a corrosive atmosphere  
• Neutral gases, from +5°F to +140°F

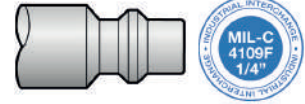
\*Call your Regional Sales Manager for availability.

## TECHNICAL SPECIFICATIONS

Part numbers	Flow rate in l/min at 100 psi with ΔP: 10 psi	Working pressure	Temperature	Weight (1/4" FNPT coupling)
<b>PROLAC Ø 1/4" (IRC 06)</b>	32 cfm	0 to 174 psi	+5°F to +158°F	2.5 Oz
<b>PROLAC Ø 3/8" (IRC 08)</b>	78 cfm	0 to 174 psi	+5°F to +158°F	5.7 Oz
<b>PROLAC Ø 1/4" (URC 06)</b>	34 cfm	0 to 174 psi	+5°F to +158°F	3.8 Oz
<b>PROLAC Ø 3/8" (URC 08)</b>	78 cfm	0 to 174 psi	+5°F to +158°F	6.2 Oz
<b>PROLAC Ø 3/8" (ERC 07)</b>	34 cfm	0 to 174 psi	+5°F to +158°F	3.7 Oz
<b>PROLAC Ø 1/4" (ARC 06)</b>	25 cfm	0 to 174 psi	+5°F to +158°F	2.9 Oz
<b>Stainless steel PROXI Ø 1/4" (PROXI 06)</b>	32 cfm	0 to 174 psi	+5°F to +140°F	2.7 Oz

# REGULAR QUICK COUPLING

## 1/4" INDUSTRIAL INTERCHANGE



Technology  
Push button

Operating  
pressure  
0 to 174 psi


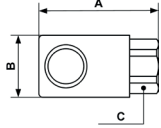
Flow rate at  
100 psi  
32 cfm  
( $\Delta P = 10$  psi)

Temperature  
+5°F to +158°F


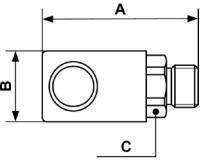
Construction  
Composite body

Highlight  
Non scratch


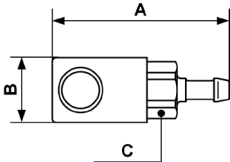
### PARALLEL FEMALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.126	1.102	23	1/4" FNPT	<b>IRC 061201</b>
		2.441	1.102	23	3/8" FNPT	<b>IRC 061202</b>
		2.559	1.102	23	1/2" FNPT	<b>IRC 061203</b>


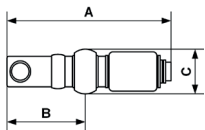
### MALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		2.441	1.102	23	1/4" MNPT	<b>IRC 061251</b>
		2.441	1.102	23	3/8" MNPT	<b>IRC 061252</b>
		2.52	1.102	23	1/2" MNPT	<b>IRC 061253</b>


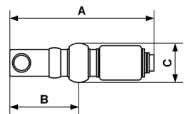
### HOSE STEM COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		3.071	1.102	23	1/4" Hose Barb	<b>IRC 061806</b>
		3.071	1.102	23	3/8" Hose Barb	<b>IRC 061810</b>
		3.071	1.102	23	1/2" Hose Barb	<b>IRC 061813</b>

### FEMALE THREAD SWIVEL COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		6.209	1.614	1.575	1/4" FNPT	<b>IRC 061201FA</b>

### SWIVEL HOSE COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		6.209	1.614	1.575	3/8" Hose Barb	<b>IRC 061810FA</b>

# PLUG 1/4" INDUSTRIAL INTERCHANGE



ID Passage  
1/4" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## PARALLEL FEMALE THREAD PLUG

		A (inch)	B (mm)	NPT female thread	Part Numbers
		1.614	17	1/4" FNPT	<b>IRP 066201</b>
		1.772	21	3/8" FNPT	<b>IRP 066202</b>

## MALE THREAD PLUG

		A (inch)	B (mm)	NPT male thread	Part Numbers
		1.693	14	1/4" MNPT	<b>IRP 066251</b>
		1.772	17	3/8" MNPT	<b>IRP 066252</b>
Teflon-coated thread					

## HOSE STEM PLUG

		A (inch)	B (inch)	For hose ID	Part Numbers
		1.929	-	1/4" Hose Barb	<b>IRP 066806</b>
		1.969	-	3/8" Hose Barb	<b>IRP 066810</b>

## ASSOCIATED PRODUCTS



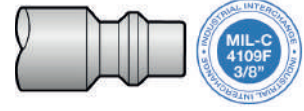
STOFLEX hose extension  
p 233



Ear clamp protector  
p 66

# REGULAR QUICK COUPLING

## 3/8" INDUSTRIAL INTERCHANGE



Technology  
Push button

Operating  
pressure  
0 to 174 psi


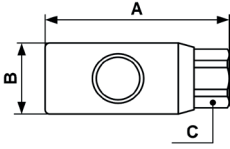
Flow rate at  
100 psi  
78 cfm  
( $\Delta P = 10$  psi)

ID Passage  
3/8" body size


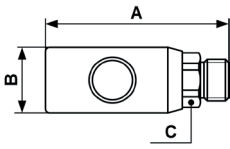
Temperature  
+5°F to +158°F

Highlight  
Non scratch


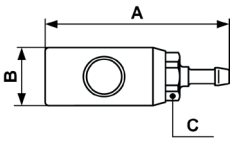
### PARALLEL FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
		3.287	1.299	25	1/4" FNPT	<b>IRC 081201</b>
		3.327	1.299	25	3/8" FNPT	<b>IRC 081202</b>
		3.681	1.299	25	1/2" FNPT	<b>IRC 081203</b>


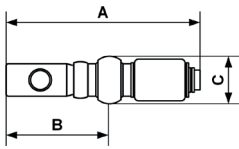
### MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
		3.563	1.299	25	1/4" MNPT	<b>IRC 081251</b>
		3.602	1.299	25	3/8" MNPT	<b>IRC 081252</b>
		3.681	1.299	25	1/2" MNPT	<b>IRC 081253</b>

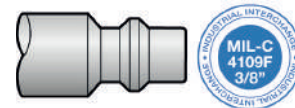
### HOSE STEM COUPLER

		A (inch)	B (inch)	C (mm)	For hose ID	Part Numbers
		4.114	1.299	25	3/8" Hose Barb	<b>IRC 081810</b>
		4.311	1.299	25	1/2" Hose Barb	<b>IRC 081813</b>

### HOSE STEM SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
		7.283	2.677	1.417	1/4" Hose Barb	<b>IRC 081806FA</b>
		7.291	2.697	1.575	3/8" Hose Barb	<b>IRC 081810FA</b>
		7.291	2.697	1.575	1/2" Hose Barb	<b>IRC 081813FA</b>


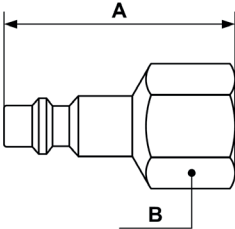
# PLUG 3/8" INDUSTRIAL INTERCHANGE




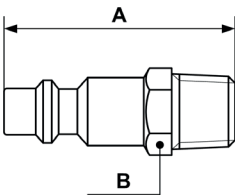
ID Passage  
3/8" body size

Construction  
Treated steel  
Corrosion-proof  
treatment

## PARALLEL FEMALE THREAD PLUG


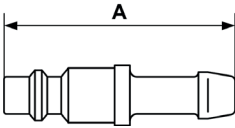
		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.772	17	1/4" FNPT	<b>IRP 086201</b>
		1.929	21	3/8" FNPT	<b>IRP 086202</b>
		2.087	25	1/2" FNPT	<b>IRP 086203</b>

## MALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		2.087	17	1/4" MNPT	<b>IRP 086251</b>
		2.087	17	3/8" MNPT	<b>IRP 086252</b>
		2.323	27	1/2" MNPT	<b>IRP 086253</b>

Teflon-coated thread

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		2.106	-	3/8" Hose Barb	<b>IRP 086810</b>
		2.323	-	1/2" Hose Barb	<b>IRP 086813</b>
		2.362	-	5/8" Hose Barb	<b>IRP 086816</b>

# REGULAR QUICK COUPLING

## 1/4" AUTOMOTIVE INTERCHANGE



Technology  
Push button

Operating  
pressure  
0 to 174 psi

Flow rate at  
100 psi  
34 cfm  
( $\Delta P = 10$  psi)

ID Passage  
1/4" body size

Temperature  
+5°F to +158°F

Highlight  
Non scratch

### FEMALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.776	1.102	23	1/4" FNPT	<b>URC 061201</b>
		3.13	1.102	23	3/8" FNPT	<b>URC 061202</b>
		3.248	1.102	23	1/2" FNPT	<b>URC 061203</b>

### MALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		3.209	1.102	23	1/4" MNPT	<b>URC 061251</b>
		3.169	1.102	23	3/8" MNPT	<b>URC 061252</b>
		3.248	1.102	23	1/2" MNPT	<b>URC 061253</b>

### HOSE STEM COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		3.76	1.102	0.906	3/8" Hose Barb	<b>URC 061810</b>

### FEMALE THREAD SWIVEL COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		6.898	2.303	1.575	1/4" FNPT	<b>URC 061201FA</b>
		6.898	2.303	1.575	3/8" FNPT	<b>URC 061202FA</b>

### HOSE STEM SWIVEL COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		6.898	2.303	1.575	1/4" Hose Barb	<b>URC 061806FA</b>
		6.898	2.303	1.575	3/8" Hose Barb	<b>URC 061810FA</b>



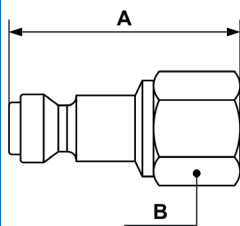
# PLUG 1/4" AUTOMOTIVE INTERCHANGE



ID Passage  
1/4" body size

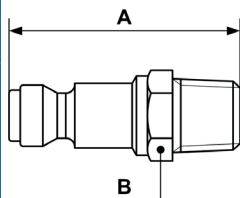
Construction  
Treated steel  
Corrosion-proof  
treatment

## FEMALE THREAD PLUG



A (inch)	B (mm)	NPT female thread	Part Numbers
1.575	17	1/4" FNPT	<b>URP 066201</b>
1.654	21	3/8" FNPT	<b>URP 066202</b>
1.89	25	1/2" FNPT	<b>URP 066203</b>

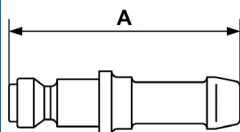
## MALE THREAD PLUG



A (inch)	B (mm)	NPT male thread	Part Numbers
1.614	14	1/4" MNPT	<b>URP 066251</b>
1.89	25	3/8" MNPT	<b>URP 066252</b>
1.969	22	1/2" MNPT	<b>URP 066253</b>

Teflon-coated thread

## HOSE STEM PLUG



A (inch)	B (inch)	For hose ID	Part Numbers
2.047	-	1/4" Hose Barb	<b>URP 066806</b>
2.087	-	3/8" Hose Barb	<b>URP 066810</b>

# REGULAR QUICK COUPLING

## 3/8" AUTOMOTIVE INTERCHANGE



Technology  
Push button

Operating  
pressure  
0 to 174 psi


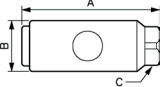
Flow rate at  
100 psi  
78 cfm  
( $\Delta P = 10$  psi)

ID Passage  
3/8" body size


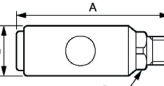
Temperature  
+5°F to +158°F

Highlight  
Non scratch


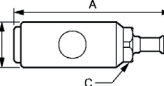
### FEMALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT female thread	Part Numbers
		3.524	1.299	25	1/4" FNPT	<b>URC 081201</b>
		3.524	1.299	25	3/8" FNPT	<b>URC 081202</b>
		3.878	1.299	25	1/2" FNPT	<b>URC 081203</b>


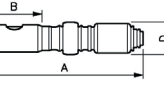
### MALE THREAD COUPLER

		A (inch)	B (inch)	C (mm)	NPT male thread	Part Numbers
		3.917	1.299	25	1/4" MNPT	<b>URC 081251</b>
		3.917	1.299	25	3/8" MNPT	<b>URC 081252</b>
		4.114	1.299	25	1/2" MNPT	<b>URC 081253</b>


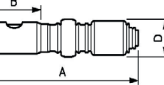
### HOSE STEM COUPLER

		A (inch)	B (inch)	C (mm)	For hose ID	Part Numbers
		4.311	1.299	25	3/8" Hose Barb	<b>URC 081810</b>
		4.508	1.299	25	1/2" Hose Barb	<b>URC 081813</b>

### FEMALE THREAD SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		7.488	2.894	1.575	1/4" FNPT	<b>URC 081201FA</b>
		7.488	2.894	1.575	3/8" FNPT	<b>URC 081202FA</b>

### HOSE STEM SWIVEL COUPLER

		A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
		7.488	2.894	1.575	1/2" Hose Barb	<b>URC 081813FA</b>

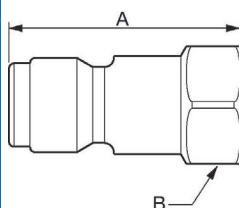
# PLUG 3/8" AUTOMOTIVE INTERCHANGE



ID Passage  
3/8" body size

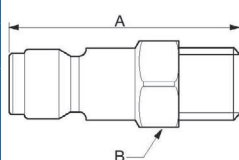
Construction  
Treated steel  
Corrosion-proof  
treatment

## TAPERED FEMALE THREAD PLUG



A (inch)	B (mm)	NPT female thread	Part Numbers
1.811	17	1/4" FNPT	<b>URP 086201</b>
1.85	17	3/8" FNPT	<b>URP 086202</b>
1.969	22	1/2" FNPT	<b>URP 086203</b>

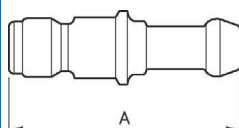
## MALE THREAD PLUG



A (inch)	B (mm)	NPT male thread	Part Numbers
1.811	17	1/4" MNPT	<b>URP 086251</b>
1.85	17	3/8" MNPT	<b>URP 086252</b>
1.969	22	1/2" MNPT	<b>URP 086253</b>

Teflon-coated thread

## HOSE STEM PLUG



A (inch)	B (inch)	For hose ID	Part Numbers
2.362	-	3/8" Hose Barb	<b>URP 086810</b>
2.598	-	1/2" Hose Barb	<b>URP 086813</b>

# REGULAR QUICK RELEASE COUPLING 3/8" HIGH FLOW INTERCHANGE



Technology  
Push button

Operating pressure  
0 to 174 psi


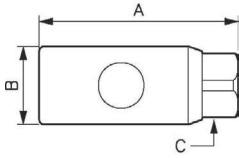
Flow rate at  
100 psi  
34 cfm  
( $\Delta P = 10$  psi)

ID Passage  
3/8" body size


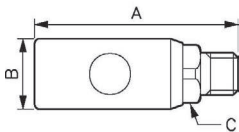
Temperature  
+5°F to +158°F

Highlight  
Non scratch


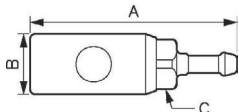
## FEMALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.815	1.102	23	1/4" FNPT	<b>ERC 071201</b>
		3.13	1.102	23	3/8" FNPT	<b>ERC 071202</b>
		3.248	1.102	25	1/2" FNPT	<b>ERC 071203</b>


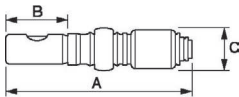
## MALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		3.13	1.102	23	1/4" MNPT	<b>ERC 071251</b>
		3.13	1.102	23	3/8" MNPT	<b>ERC 071252</b>
		3.209	1.102	23	1/2" MNPT	<b>ERC 071253</b>


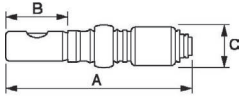
## HOSE TAIL COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		3.76	1.102	0.906	1/4" Hose Barb	<b>ERC 071806</b>
		3.76	1.102	0.906	3/8" Hose Barb	<b>ERC 071810</b>
		3.957	1.102	0.906	1/2" Hose Barb	<b>ERC 071813</b>

## FEMALE THREAD SWIVEL COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		6.898	2.303	1.575	1/4" FNPT	<b>ERC 071201FA</b>
		6.898	2.303	1.575	3/8" FNPT	<b>ERC 071202FA</b>

## HOSE STEM SWIVEL COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		6.898	2.303	1.575	3/8" Hose Barb	<b>ERC 071810FA</b>


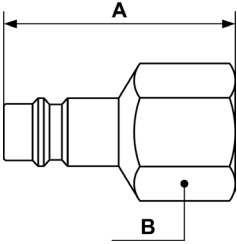
# PLUG 3/8" HIGH FLOW INTERCHANGE




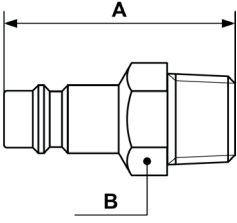
ID Passage  
3/8" body size

Construction  
Treated steel  
Corrosion-proof  
treatment


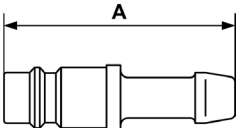
## FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.575	17	1/4" FNPT	<b>ERP 076201</b>
		1.614	21	3/8" FNPT	<b>ERP 076202</b>

## MALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		1.535	14	1/4" MNPT	<b>ERP 076251</b>
		1.614	17	3/8" MNPT	<b>ERP 076252</b>
Teflon-coated thread					

## HOSE STEM PLUG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.752	-	1/4" Hose Barb	<b>ERP 076806</b>
		1.811	-	3/8" Hose Barb	<b>ERP 076810</b>
		2.028	-	1/2" Hose Barb	<b>ERP 076813</b>

# REGULAR QUICK COUPLING

## 1/4" ARO 210 INTERCHANGE



Technology  
Push button

Operating  
pressure  
0 to 174 psi


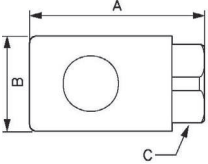
Flow rate at  
100 psi  
25 cfm  
( $\Delta P = 10$  psi)

ID Passage  
1/4" body size


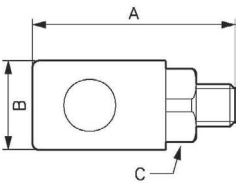
Temperature  
+5°F to +158°F

Highlight  
Non scratch


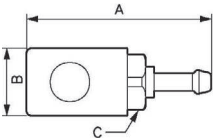
### FEMALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.126	1.102	23	1/4" FNPT	<b>ARC 061201</b>
		2.441	1.102	23	3/8" FNPT	<b>ARC 061202</b>
		2.52	1.102	23	1/2" FNPT	<b>ARC 061203</b>

### MALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		2.441	1.102	23	1/4" MNPT	<b>ARC 061251</b>
		2.441	1.102	23	3/8" MNPT	<b>ARC 061252</b>
		2.52	1.102	23	1/2" MNPT	<b>ARC 061253</b>

### HOSE STEM COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		3.071	1.102	0.906	3/8" ID hose	<b>ARC 061810</b>

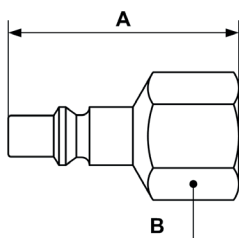
# PLUG 1/4" ARO 210 INTERCHANGE



ID Passage  
1/4" body size

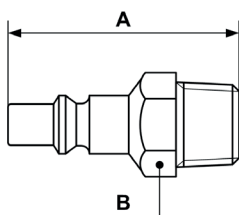
Construction  
Treated steel  
Corrosion-proof  
treatment

## PARALLEL FEMALE THREAD PLUG



A (inch)	B (mm)	NPT female thread	Part Numbers
1.575	17	1/4" FNPT	<b>ARP 066201</b>
1.732	21	3/8" FNPT	<b>ARP 066202</b>

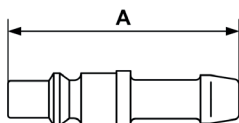
## MALE THREAD PLUG



A (inch)	B (mm)	NPT male thread	Part Numbers
1.614	14	1/4" MNPT	<b>ARP 066251</b>
1.732	17	3/8" MNPT	<b>ARP 066252</b>

Thread: Teflon-coated

## HOSE STEM PLUG



A (inch)	B (inch)	For hose ID	Part Numbers
2.087	-	1/4" Hose Barb	<b>ARP 066806</b>
2.165	-	3/8" Hose Barb	<b>ARP 066810</b>

# STAINLESS STEEL QUICK RELEASE COUPLING

## 1/4" INDUSTRIAL INTERCHANGE



Technology  
Push button

Operating pressure  
0 to 174 psi

Flow rate at  
100 psi  
32 cfm  
( $\Delta P = 10$  psi)

ID Passage  
1/4" body size


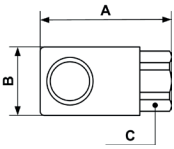
Temperature  
+5°F to +158°F

Construction  
Composite body  
Stainless steel  
valve


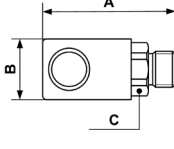
Applications  
Corrosive  
atmospheres

Highlight  
Non scratch


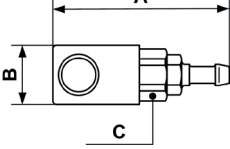
### PARALLEL FEMALE THREAD COUPLER - STAINLESS STEEL

		A (inch)	B (inch)	C (mm)	BSPP female thread	Part Numbers
		2.126	1.102	23	1/4" FBSP	<b>PROXI 061101</b>
		2.441	1.102	23	3/8" FBSP	<b>PROXI 061102</b>
		2.559	1.102	25	1/2" FBSP	<b>PROXI 061103</b>


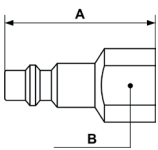
### PARALLEL MALE THREAD COUPLER - STAINLESS STEEL

		A (inch)	B (inch)	C (mm)	BSPP male thread	Part Numbers
		2.441	1.102	23	1/4" MBSP	<b>PROXI 061151</b>
		2.441	1.102	23	3/8" MBSP	<b>PROXI 061152</b>
		2.52	1.102	23	1/2" MBSP	<b>PROXI 061153</b>


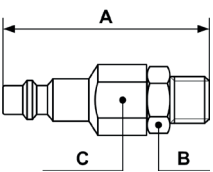
### HOSE STEM COUPLER - STAINLESS STEEL

		A (inch)	B (inch)	C (inch)	For hose ID	Part Numbers
		3.071	1.102	0.906	1/4" Hose Barb	<b>PROXI 061806</b>
		3.071	1.102	0.906	3/8" Hose Barb	<b>PROXI 061810</b>


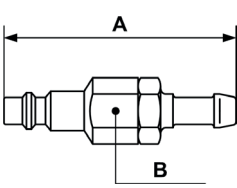
### PARALLEL FEMALE THREAD PLUG - STAINLESS STEEL

		A (inch)	B (mm)	C (inch)	BSPP female thread	Part Numbers
		1.575	17	-	1/4" FBSP	<b>PROXI 066101</b>

### MALE THREAD PLUG - STAINLESS STEEL

		A (inch)	B (mm)	C (mm)	BSPT male thread	Part Numbers
		2.559	17	17	1/4" MBSP	<b>PROXI 066151</b>
		2.559	17	20	3/8" MBSP	<b>PROXI 066152</b>

### HOSE STEM PLUG - STAINLESS STEEL

		A (inch)	B (mm)	C (inch)	For hose ID	Part Numbers
		2.717	17	-	1/4" Hose Barb	<b>PROXI 066806</b>
		2.717	17	-	3/8" Hose Barb	<b>PROXI 066810</b>



# 4

# Metal quick release couplings **IRM**

With its metal body, this rugged coupling is ideal for heavy duty applications.

## ■ DURABLE

The metal body can stand up to the toughest environments:

- Entire internal and external body: anti-corrosion treated steel
- Seals: nitrile
- Valve: polyacetal

This tough, metal quick release coupling can withstand:

- Abrasion
- Heavy impacts
- Crushing
- Corrosion



**IRM**

Fluid compliant: compressed air

## ■ LEAK FREE

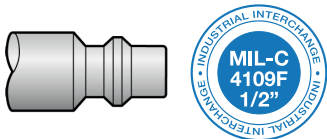
Each coupling is individually inspected before leaving the factory for a guaranteed leak free performance.

## ■ PERFORMANCE

- Metal quick release couplings enhance the efficiency of air powered systems.
- Allows one handed operation.
- Coupling offers a consistent and reliable flow rate.
- Push button offers an effortless automatic connection which is instantaneous (< 22.5 lbf).

## ■ COMPATIBILITY

Couplings are compatible with the Industrial profile.



## ■ TECHNICAL SPECIFICATIONS

	Flow rate at 100 psi with ΔP: 10 psi	Working pressure	Temperature	Weight (8 mm hose)
<b>IRM 06</b>	30 cfm	0 - 174 psi	+5°F to +158°F	From 3.8 Oz

# REGULAR METAL QUICK RELEASE COUPLING

## 1/4" INDUSTRIAL INTERCHANGE



Technology  
Push button

Operating  
pressure  
0 to 174 psi

Flow rate at  
100 psi  
30 cfm  
( $\Delta P = 10$  psi)


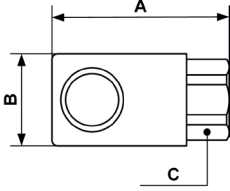
ID Passage  
1/4" body size

Temperature  
+5°F to +158°F


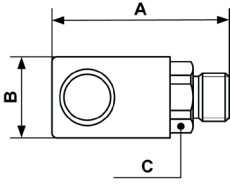
Construction  
Treated steel

Highlight  
Anti-static


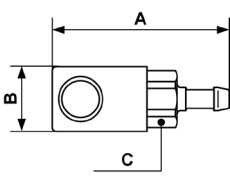
### PARALLEL FEMALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.067	1.024	23	1/4" FNPT	<b>IRM 061201</b>
		2.382	0.906	23	1/2" FNPT	<b>IRM 061203</b>

### MALE THREAD COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		2.382	0.906	23	1/4" MNPT	<b>IRM 061251</b>
		3.012	1.024	23	3/8" MNPT	<b>IRM 061252</b>

### HOSE STEM COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		3.012	1.024	23	1/4" Hose Barb	<b>IRM 061806</b>
		3.012	1.024	23	3/8" Hose Barb	<b>IRM 061810</b>

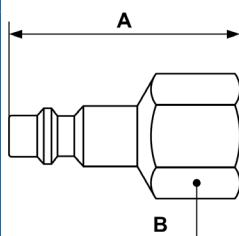
# PLUG 1/4" INDUSTRIAL INTERCHANGE



ID Passage  
1/4" body size

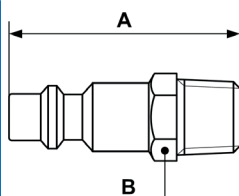
Construction  
Treated steel  
Corrosion-proof  
treatment

## PARALLEL FEMALE THREAD PLUG



A (inch)	B (mm)	NPT female thread	Part Numbers
1.614	17	1/4" FNPT	<b>IRP 066201</b>
1.772	21	3/8" FNPT	<b>IRP 066202</b>

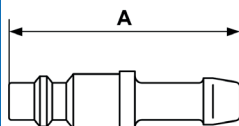
## MALE THREAD PLUG



A (inch)	B (mm)	NPT male thread	Part Numbers
1.693	14	1/4" MNPT	<b>IRP 066251</b>
1.772	17	3/8" MNPT	<b>IRP 066252</b>

Teflon-coated thread

## HOSE STEM PLUG



A (inch)	B (inch)	For hose ID	Part Numbers
1.929	-	1/4" Hose Barb	<b>IRP 066806</b>
1.969	-	3/8" Hose Barb	<b>IRP 066810</b>

# ELS

## Quick couplings

### Universal couplings **for low pressure water systems**

The design and construction materials used to manufacture the **ELS couplings** is ideal for running cold water systems with or without cleaning agents. They are rugged enough to withstand harsh operating environments.

#### ■ APPLICATIONS

- Maintenance, cleaning, washing, supply to cleaning machines or washing spray guns.
- Water couplings for industrial, construction, food processing, car washes and water spigots.
- Agricultural or public works watering applications.



#### ■ AUTOMATIC CONNECTION

Push the plug into the coupling for a quick and easy connection. Release the connection by pulling the knurled locking ring back.



#### ■ COMPATIBILITY

The connection profiles of the **ELS** couplings and **ELP** plugs are interchangeable with the most popular style water couplings.

An **ELP** plug or an **ELS** coupling can be connected to the majority of existing plastic or brass products with the same clearance diameter.



#### ■ SEALING

The valve-gasket-spring technology used in couplings with a shut-off valve, ensures a perfect seal on coupling and uncoupling.

The Garden hose thread coupling and plug is fitted with a flat gasket (3/4" GHT) clipped in the thread base.



#### ■ STRENGTH

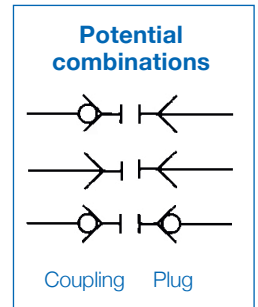
The superior design of PREVOST couplings and plugs offer excellent reliability under pressure, even in harsh conditions.

The materials used ensure that the **ELS** range offers excellent corrosion resistance.

# ELS quick couplings

## ■ CONFIGURATIONS

- Coupling with shut-off valve:**  
 When uncoupled, the coupling automatically shuts off the water supply.
- Full-flow coupling:**  
 Without a valve, when disconnected, the the water supply stays open.  
 This coupling has a higher flow rate than the coupling with a shut-off valve.
- Adaptor with a shut off valve:**  
 When disconnected, a one-way valve shuts off the downstream water supply.
- Full-flow plug:**  
 Plug maintains a constant open flow of water.  
 Higher flow rate than the option with a shut off valve.



## ■ ACCESSORIES

Various accessories can be used to adapt the circuit depending on its configuration:

- Joiners
- Two-way and three-way adapters
- Two-way control valves
- Ball valves



Ball valve

## ■ SPECIFICATIONS

<b>Clearance diameter (mm)</b>	9 mm
<b>Water flow rate (GPM) ΔP = 4.35 psi:</b> Coupling with shut-off valve and full-flow adapter Coupling without shut-off valve and full-flow adapter	6.34 GPM 8.85 GPM
<b>Maximum working pressure (psi):</b> With <b>Prevost ELP 09</b> adapter With plastic adapter	145 psi 73 psi
<b>Coupling temperature range:</b> With brass adapter With plastic adapter	+5°F to +140°F +34°F to +104°F
<b>Materials:</b> Body Needle Valve Spring Gaskets	Chrome-plated brass Stainless steel Composite Stainless steel NBR

### RELATED PRODUCT

Industrial wash down guns



# CHROME PLATED QUICK COUPLINGS FOR WATER SYSTEM

**Operating pressure**  
0 to 145 psi


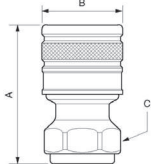
**Flow rate**  
6.34 GPM ( $\Delta P = 4.35$  psi  
valved coupling),  
8.85 GPM ( $\Delta P = 4.35$  psi  
straight through-coupling)

**ID Passage**  
9 mm


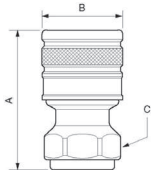
**Temperature**  
 $+5^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$

**Construction**  
Brass body


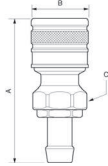
## FEMALE UNVALVED COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>GHT female thread</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.402	1.378	30		3/4" FNPT	<b>ELS 090204</b>
		2.402	1.378	30	3/4" FGHT		<b>ELS 090304</b>
Flow: $\Delta P = 4.35$ psi: 8.85 GPM Free passage							


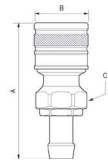
## FEMALE VALVED COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>GHT female thread</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		2.402	1.378	30		3/4" FNPT	<b>ELS 091204</b>
		2.402	1.378	30	3/4" FGHT		<b>ELS 091304</b>
Flow: $\Delta P = 4.35$ psi: 6.34 GPM Shutter coupling: cuts off the flow when disconnected							


## STRAIGHT-THROUGH HOSE STEM COUPLER

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		3.504	1.378	30	3/4" Hose Barb	<b>ELS 090819</b>
		Flow: $\Delta P = 4.35$ psi: 8.85 GPM Free passage				

## VALVED HOSE STEM COUPLER


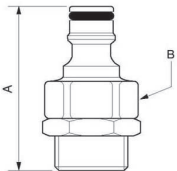
		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		3.504	1.378	30	3/4" Hose Barb	<b>ELS 091819</b>
		Flow: $\Delta P = 4.35$ psi: 6.34 GPM Shutter coupling: cuts off the flow when disconnected				

## GASKET FOR ELS COUPLER


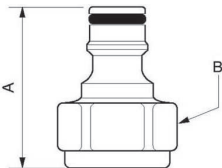
	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Compatible with</b>	<b>Part Numbers</b>
	-	-	-	Gasket for ELS coupler Thread: 3/4" FGHT	<b>ELS JP34</b>

# WATER PLUGS


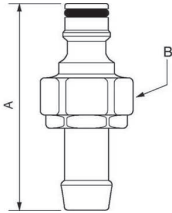
## CHROME PLATED QUICK COUPLINGS FOR WATER SYSTEM

		<b>A (inch)</b>	<b>B (mm)</b>	<b>BSP male thread</b>	<b>Part Numbers</b>
		1.732	27	3/4" FGHT	<b>ELP 096354</b>

## FEMALE THREAD PLUG

		<b>A (inch)</b>	<b>B (mm)</b>	<b>GHT female thread</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.654	30		3/4" FNPT	<b>ELP 096204</b>
		1.654	30	3/4" FGHT		<b>ELP 096304</b>


## HOSE STEM COUPLER

		<b>A (inch)</b>	<b>B (mm)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		2.756	30	3/4" Hose Barb	<b>ELP 096819</b>

<b>Operating pressure</b> 0 to 145 psi	<b>Flow rate</b> 6.34 GPM ( $\Delta P = 4.35$ psi valved coupling), 8.85 GPM ( $\Delta P = 4.35$ psi straight through-coupling)	<b>ID Passage</b> 9 mm	<b>Temperature</b> +5°F to +140°F	<b>Construction</b> Chrome-plated brass body
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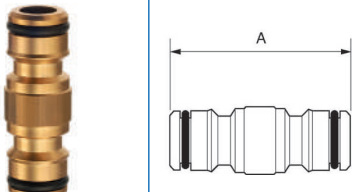
### O- RING FOR ELP CONNECTORS

A (inch)	B (inch)	Description	Part Numbers
-	-	O ring for ELP connectors	<b>ELP JT</b>



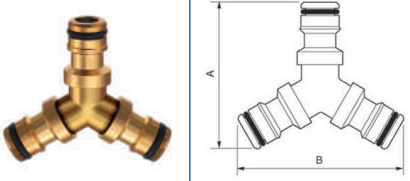
### EQUAL JOINER FOR COUPLERS

A (inch)	B (inch)	Description	Part Numbers
1.969	-	Joins 2 couplings	<b>ELP 096002</b>



### Y CONNECTOR

A (inch)	B (inch)	Description	Part Numbers
2.402	2.677	Joins 3 couplings	<b>ELP 096003</b>





## 6

# CONEX push-to-connect fittings

A comprehensive **high performance range**

- Fixed equipment fittings, with Teflon-coated tapered threads or parallel threads with gasket
- Interconnection fittings for tube-to-tube connections
- Functional fittings: valves, flow regulators
- Compact micro-fittings

## Push-to-connect fittings

polymer body

→ lightweight and tough



## INSTALLATION

- Safe and easy to install with Teflon coated tapered threads and cylindrical threads with gasket
- Slimline fittings require little space
- Wide range of configurations available for various applications related to pneumatic wiring, cylinders, control valves, pneumatic controls, etc.
- Optimized angled outlet ports
- Easy to attach and align via the one or two eyelets



### Threads

	Teflon-coated tapered threads	NPT	1/8" to 1/2"
	Parallel threads with NBR gasket at bottom of groove	BSPP	G 1/8 - G 1/2
	Parallel threads with NBR gasket at bottom of groove	UNF	10 - 32
	Parallel threads with NBR gasket at bottom of groove	Metric	M3 and M5



**REACH regulations** on the improvement of the management of risks related to the usage and dangerous properties of chemicals manufactured in or imported into the EU.



The 6 panel profile inside the fittings allows easy installation. This system facilitates the installation of fittings in difficult to access areas.

The polymer range of fittings are equipped with a movable shell. The shell can be adjusted after installation to allow for compact and precise orientation.

## ■ CONNECTION - DISCONNECTION

- Easy to handle
- Easy to push-to-connect
- Easy to install due to ring self-positioning system
- Excellent connection, even in the harshest conditions (vibrations, misalignment, etc.)



## ■ LEAK FREE

- Creates an instant seal
- Solid grip of the tube in the fitting
- Vibration resistance



## ■ OPERATION

The connection between the tube and fitting is made simply by pushing the tube into the fitting.

The tube must be cut square and inserted fully into the fitting. A system of stainless steel teeth holds the tube in place.

The seal between the tube and the fitting is made by a lip seal, protected by a metal sleeve located between the seal and the teeth. The tube can be disconnected by pushing the release collar, which pushes the teeth and releases the tube from the fitting.

## ■ OPERATING PRESSURE AND TEMPERATURES

### CONEX fittings

	Polymer body / RP
<b>Fluids</b>	Compressed air
<b>Working pressure</b>	0 to 145 psi
<b>Operating temperature</b>	+32°F to +140°F
<b>Recommended tubes</b>	Polyurethane ether or ester and polyamide

Pressure resistance with specified use: - for a 30 in Hg vacuum (99.9% vacuum)  
- for a maximum working pressure of 145 psi (for polymers only)

### ASSOCIATED PRODUCTS

Polyurethane and polyamide tubes

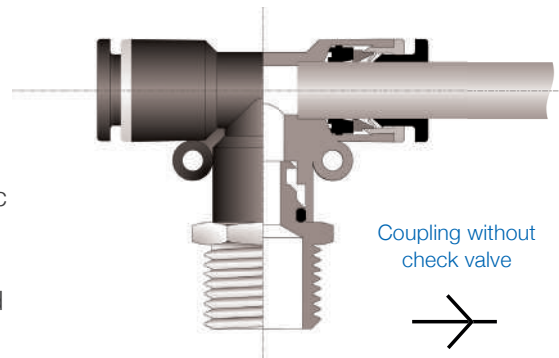


## Push-to-connect fittings **CONEX**

### Fixed equipment **couplings** Tube-to-tube **interconnection** **fittings**

A wide range of fittings are available to meet all pneumatic configurations: straight fittings, unions, elbows, T fittings, Y fittings, cross fittings, triple unions and stoppers.

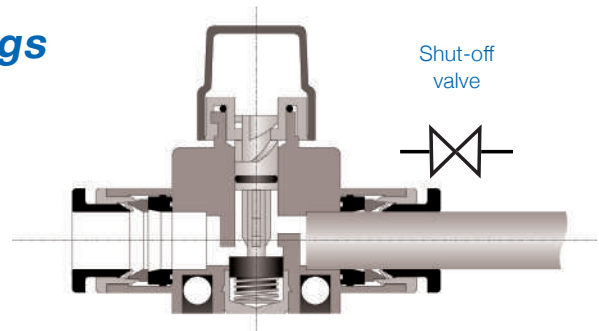
**CONEX** push-to-connect fittings are specifically designed for connecting thermoplastic tubes and are suited for pneumatic systems in all industries.



### Functional **push-to-connect fittings**

#### ■ VALVE

Function: blocking air flow in both directions.



Thread/Tube



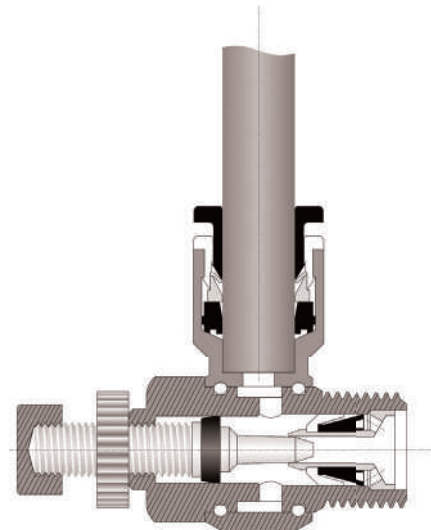
Thread/Thread



Tube/Tube

#### ■ FLOW RATE REGULATOR

The air flow passage is regulated using the adjustment knob or screw. The flow can be open in one direction and blocked in another. Threads are tapered and coated with Teflon or parallel with a gasket.



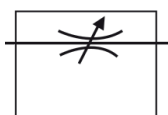
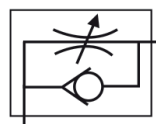
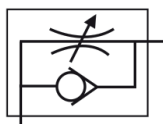
Outlet flow rate  
(OUT)



Inlet flow rate  
limiter (IN)



Two-way  
limiter



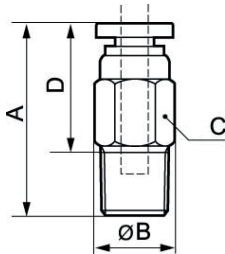
# CONEX PUSH-TO-CONNECT FITTINGS

Operating pressure  
0 to 145 psi

Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


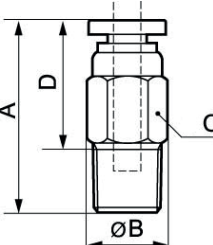
## MALE CONNECTOR - METRIC TUBE TO MALE BSPT - RPD MR




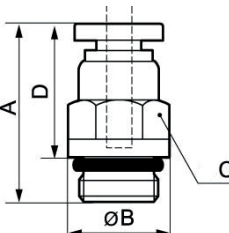
A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
0.827	0.453	10	0.531	-	1/8" MBSP	4	<b>RPD MR0400</b>
0.787	0.63	14	0.433	-	1/4" MBSP	4	<b>RPD MR0401</b>
0.866	0.551	12	0.571	-	1/8" MBSP	6	<b>RPD MR0600</b>
0.827	0.63	14	0.472	-	1/4" MBSP	6	<b>RPD MR0601</b>
0.906	0.768	17	0.472	-	1/8" MBSP	6	<b>RPD MR0602</b>
1.004	0.945	21	0.492	-	1/2" MBSP	6	<b>RPD MR0603</b>
1.063	0.63	14	0.768	-	1/8" MBSP	8	<b>RPD MR0800</b>
0.945	0.63	14	0.591	-	1/4" MBSP	8	<b>RPD MR0801</b>
0.965	0.768	17	0.531	-	1/8" MBSP	8	<b>RPD MR0802</b>
1.024	0.945	21	0.512	-	1/2" MBSP	8	<b>RPD MR0803</b>
1.102	0.768	17	0.807	-	1/8" MBSP	10	<b>RPD MR1000</b>
1.142	0.768	17	0.787	-	1/4" MBSP	10	<b>RPD MR1001</b>
1.063	0.768	17	0.63	-	1/8" MBSP	10	<b>RPD MR1002</b>
1.024	0.945	21	0.512	-	1/2" MBSP	10	<b>RPD MR1003</b>
1.299	0.866	19	0.945	-	1/4" MBSP	12	<b>RPD MR1201</b>
1.161	0.866	19	0.728	-	1/8" MBSP	12	<b>RPD MR1202</b>
1.083	0.945	21	0.315	-	1/2" MBSP	12	<b>RPD MR1203</b>
1.303	0.984	22	0.87	-	1/8" MBSP	14	<b>RPD MR1402</b>
1.228	0.984	22	0.717	-	1/2" MBSP	14	<b>RPD MR1403</b>
1.378	1.083	24	0.945	-	1/8" MBSP	16	<b>RPD MR1602</b>
1.299	1.083	24	0.787	-	1/2" MBSP	16	<b>RPD MR1603</b>

# CONEX PUSH-TO-CONNECT FITTINGS

## MALE CONNECTOR - FRACTIONAL INCH TUBE TO MALE NPT - RPD MR

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
			0.827	0.315	7/16	0.63	0.394	1/8" MNPT	1/8	<b>RPD MR1820</b>
0.827	0.315	7/16	0.63	0.394	1/8" MNPT	5/32	<b>RPD MR5320</b>			
0.846	0.433	9/16	0.63	0.394	1/4" MNPT	5/32	<b>RPD MR5321</b>			
0.827	0.315	7/16	0.63	0.504	1/8" MNPT	3/16	<b>RPD MR3120</b>			
0.846	0.433	9/16	0.63	0.504	1/4" MNPT	3/16	<b>RPD MR3121</b>			
0.945	0.472	11/16	0.63	0.504	3/8" MNPT	3/16	<b>RPD MR3122</b>			
0.945	0.315	1/2	0.669	0.504	1/8" MNPT	1/4	<b>RPD MR4120</b>			
0.925	0.433	9/16	0.669	0.504	1/4" MNPT	1/4	<b>RPD MR4121</b>			
0.965	0.472	11/16	0.669	0.504	3/8" MNPT	1/4	<b>RPD MR4122</b>			
1.063	0.315	9/16	0.709	0.543	1/8" MNPT	5/16	<b>RPD MR5120</b>			
1.043	0.433	9/16	0.709	0.543	1/4" MNPT	5/16	<b>RPD MR5121</b>			
0.984	0.472	11/16	0.709	0.543	3/8" MNPT	5/16	<b>RPD MR5122</b>			
1.146	0.315	11/16	0.76	0.661	1/8" MNPT	3/8	<b>RPD MR3820</b>			
1.224	0.433	11/16	0.76	0.661	1/4" MNPT	3/8	<b>RPD MR3821</b>			
1.087	0.472	11/16	0.76	0.661	3/8" MNPT	3/8	<b>RPD MR3822</b>			
1.126	0.591	7/8	0.76	0.661	1/2" MNPT	3/8	<b>RPD MR3823</b>			
1.299	0.433	7/8	0.787	0.807	1/4" MNPT	1/2	<b>RPD MR2121</b>			
1.22	0.472	7/8	0.787	0.807	3/8" MNPT	1/2	<b>RPD MR2122</b>			
1.161	0.591	7/8	0.787	0.807	1/2" MNPT	1/2	<b>RPD MR2123</b>			

## MALE CONNECTOR - METRIC TUBE TO MALE M5 - RPD MG

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			0.846	0.472	10	0.689	-	M5	4	<b>RPD MG04M5</b>
0.945	0.551	12	0.787	-	M5	6	<b>RPD MG06M5</b>			

Operating pressure  
0 to 145 psi


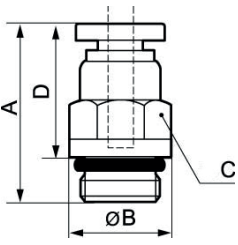
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### MALE CONNECTOR - FRACTIONAL INCH TUBE TO 10-32 UNF - RPD MG

A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
0.846	0.157	7/16	0.689	0.394	10-32 UNF	1/8	<b>RPD MG1826</b>
0.846	0.157	7/16	0.689	0.394	10-32 UNF	5/32	<b>RPD MG5326</b>
0.846	0.157	7/16	0.689	0.504	10-32 UNF	3/16	<b>RPD MG3126</b>
0.945	0.157	1/2	0.787	0.504	10-32 UNF	1/4	<b>RPD MG4126</b>


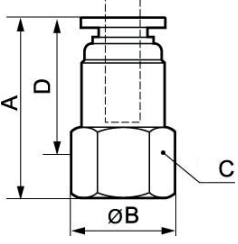
  

### STRAIGHT FEMALE CONNECTOR - FRACTIONAL INCH TUBE TO 10-32 UNF - RPD FG

A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
0.886	0.276	1/2	0.197	0.394	10-32 UNF	1/8	<b>RPD FG1826</b>

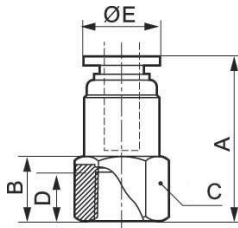
  

# CONEX PUSH-TO-CONNECT FITTINGS

## STRAIGHT FEMALE CONNECTOR - FRACTIONAL INCH TUBE TO FEMALE NPT - RPD FR

A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	For tube OD (in)	Part Numbers
1.043	0.433	1/2	0.354	0.394	1/8" FNPT	1/8	<b>RPD FR1820</b>
1.043	0.433	1/2	0.354	0.394	1/8" FNPT	5/32	<b>RPD FR5320</b>
1.142	0.551	11/16	0.472	0.394	1/4" FNPT	5/32	<b>RPD FR5321</b>
1.043	0.433	1/2	0.354	0.504	1/8" FNPT	3/16	<b>RPD FR3120</b>
1.142	0.551	11/16	0.472	0.504	1/4" FNPT	3/16	<b>RPD FR3121</b>
1.102	0.433	9/16	0.354	0.504	1/8" FNPT	1/4	<b>RPD FR4120</b>
1.22	0.551	11/16	0.472	0.504	1/4" FNPT	1/4	<b>RPD FR4121</b>
1.181	0.433	11/16	0.354	0.543	1/8" FNPT	5/16	<b>RPD FR5120</b>
1.26	0.551	11/16	0.472	0.543	1/4" FNPT	5/16	<b>RPD FR5121</b>
1.28	0.591	7/8	0.512	0.543	3/8" FNPT	5/16	<b>RPD FR5122</b>
1.283	0.551	7/8	0.472	0.661	1/4" FNPT	3/8	<b>RPD FR3821</b>
1.323	0.591	7/8	0.512	0.661	3/8" FNPT	3/8	<b>RPD FR3822</b>
1.362	0.551	7/8	0.472	0.807	1/4" FNPT	1/2	<b>RPD FR2121</b>
1.461	0.591	7/8	0.512	0.807	3/8" FNPT	1/2	<b>RPD FR2122</b>



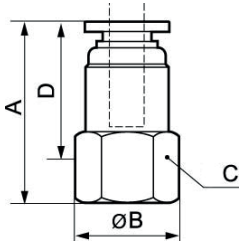
Operating pressure  
0 to 145 psi

Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### STRAIGHT FEMALE CONNECTOR - METRIC TUBE TO FEMALE BSPP - RPD FG


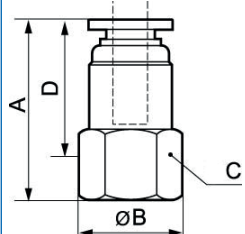
A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPP female thread	For tube OD (mm)	Part Numbers
0.945	0.65	14	0.551	-	1/8" FBSP	4	<b>RPD FG0400</b>
1.043	0.787	17	0.748	-	1/4" FBSP	4	<b>RPD FG0401</b>
1.063	0.65	14	0.787	-	1/8" FBSP	6	<b>RPD FG0600</b>
1.024	0.787	17	0.728	-	1/4" FBSP	6	<b>RPD FG0601</b>
1.122	0.866	19	0.807	-	3/8" FBSP	6	<b>RPD FG0602</b>
1.22	1.102	24	0.827	-	1/2" FBSP	6	<b>RPD FG0603</b>
1.102	0.787	17	0.827	-	1/8" FBSP	8	<b>RPD FG0800</b>
1.102	0.787	17	0.807	-	1/4" FBSP	8	<b>RPD FG0801</b>
1.122	0.866	19	0.807	-	3/8" FBSP	8	<b>RPD FG0802</b>
1.22	1.102	24	0.827	-	1/2" FBSP	8	<b>RPD FG0803</b>
1.161	0.866	19	0.886	-	1/8" FBSP	10	<b>RPD FG1000</b>
1.161	0.866	19	0.866	-	1/4" FBSP	10	<b>RPD FG1001</b>
1.26	0.965	21	0.945	-	3/8" FBSP	10	<b>RPD FG1002</b>
1.26	1.102	24	0.866	-	1/2" FBSP	10	<b>RPD FG1003</b>
1.24	0.965	21	0.945	-	1/4" FBSP	12	<b>RPD FG1201</b>
1.299	0.965	21	0.984	-	3/8" FBSP	12	<b>RPD FG1202</b>
1.299	1.102	24	0.906	-	1/2" FBSP	12	<b>RPD FG1203</b>
1.232	1.102	24	0.917	-	3/8" FBSP	14	<b>RPD FG1402</b>
1.26	1.102	24	0.866	-	1/2" FBSP	14	<b>RPD FG1403</b>
1.339	1.102	24	1.024	-	3/8" FBSP	16	<b>RPD FG1602</b>
1.378	1.102	24	0.984	-	1/2" FBSP	16	<b>RPD FG1603</b>




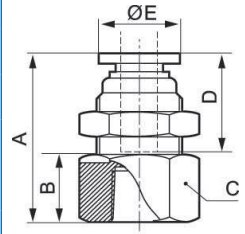


# CONEX PUSH-TO-CONNECT FITTINGS

## STRAIGHT FEMALE CONNECTOR - METRIC TUBE TO M5 - RPD FG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric female threading	For tube OD (mm)	Part Numbers
		0.866	0.551	12	0.669	-	M5	4	<b>RPD FG04M5</b>
		0.925	0.65	14	0.728	-	M5	6	<b>RPD FG06M5</b>

## FEMALE BULKHEAD CONNECTOR - FRACTIONAL INCH TUBE TO FEMALE NPT - RPD TR


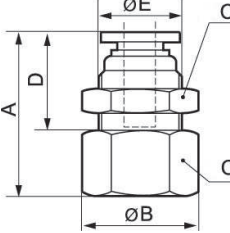
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	For tube OD (in)	Part Numbers
		1.063	0.433	9/16	0.63	0.394	1/8" FNPT	5/32	<b>RPD TR5320</b>
		1.063	0.433	9/16	0.669	0.504	1/8" FNPT	3/16	<b>RPD TR3120</b>
		1.142	0.551	11/16	0.669	0.504	1/4" FNPT	3/16	<b>RPD TR3121</b>
		1.083	0.433	11/16	0.669	0.504	1/8" FNPT	1/4	<b>RPD TR4120</b>
		1.201	0.551	11/16	0.669	0.504	1/4" FNPT	1/4	<b>RPD TR4121</b>
		1.122	0.433	11/16	0.709	0.543	1/8" FNPT	5/16	<b>RPD TR5120</b>
		1.24	0.551	11/16	0.709	0.543	1/4" FNPT	5/16	<b>RPD TR5121</b>
		1.378	0.591	7/8	0.709	0.543	3/8" FNPT	5/16	<b>RPD TR5122</b>
		1.358	0.551	7/8	0.76	0.661	1/4" FNPT	3/8	<b>RPD TR3821</b>
		1.398	0.591	7/8	0.76	0.661	3/8" FNPT	3/8	<b>RPD TR3822</b>
		1.457	0.591	7/8	0.827	0.807	3/8" FNPT	1/2	<b>RPD TR2122</b>
		1.535	0.709	1	0.827	0.807	1/2" FNPT	1/2	<b>RPD TR2123</b>

Operating pressure  
0 to 145 psi


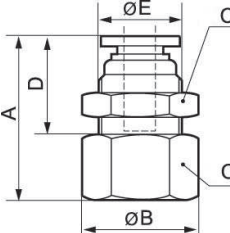
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### FEMALE BULKHEAD CONNECTOR - METRIC TUBE TO FEMALE M5 - RPD TG


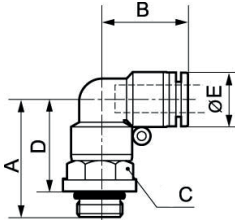
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric female threading	For tube OD (mm)	Part Numbers
		0.866	0.65	14	0.591	0.394	M5	4	<b>RPD TG04M5</b>
		0.906	0.65	14	0.63	0.504	M5	6	<b>RPD TG06M5</b>

### FEMALE BULKHEAD CONNECTOR - METRIC TUBE TO FEMALE BSPP - RPD TG


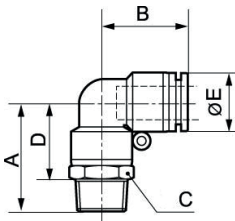
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPP female thread	For tube OD (mm)	Part Numbers
		0.965	0.65	14	0.61	0.394	1/8" FBSP	4	<b>RPD TG0400</b>
		1.024	0.787	17	0.669	0.394	1/4" FBSP	4	<b>RPD TG0401</b>
1.063	0.787	17	0.728	0.504	1/8" FBSP	6	<b>RPD TG0600</b>		
1.102	0.787	17	0.728	0.504	1/4" FBSP	6	<b>RPD TG0601</b>		
1.161	0.866	19	0.768	0.504	3/8" FBSP	6	<b>RPD TG0602</b>		
1.22	1.102	24	0.748	0.504	1/2" FBSP	6	<b>RPD TG0603</b>		
1.043	0.787	17	0.689	0.543	1/8" FBSP	8	<b>RPD TG0800</b>		
1.102	0.787	17	0.728	0.543	1/4" FBSP	8	<b>RPD TG0801</b>		
1.142	0.866	19	0.748	0.543	3/8" FBSP	8	<b>RPD TG0802</b>		
1.24	1.102	24	0.768	0.543	1/2" FBSP	8	<b>RPD TG0803</b>		
1.161	0.965	21	0.827	0.661	1/8" FBSP	10	<b>RPD TG1000</b>		
1.161	0.965	21	0.787	0.661	1/4" FBSP	10	<b>RPD TG1001</b>		
1.24	0.965	21	0.846	0.661	3/8" FBSP	10	<b>RPD TG1002</b>		
1.24	1.102	24	0.768	0.661	1/2" FBSP	10	<b>RPD TG1003</b>		
1.26	1.102	24	0.886	0.78	1/4" FBSP	12	<b>RPD TG1201</b>		
1.299	1.102	24	0.906	0.78	3/8" FBSP	12	<b>RPD TG1202</b>		
1.299	1.102	24	0.827	0.78	1/2" FBSP	12	<b>RPD TG1203</b>		
1.28	1.102	24	0.886	0.894	3/8" FBSP	14	<b>RPD TG1402</b>		
1.358	1.102	24	0.886	0.894	1/2" FBSP	14	<b>RPD TG1403</b>		
1.272	1.102	24	0.878	0.937	3/8" FBSP	16	<b>RPD TG1602</b>		
1.35	1.102	24	0.878	0.937	1/2" FBSP	16	<b>RPD TG1603</b>		

# CONEX PUSH-TO-CONNECT FITTINGS

## MALE ELBOW - FRACTIONAL INCH TUBE TO 10-32 UNF - RPC MG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.984	0.157	7/16	0.689	0.394	10-32 UNF	1/8	<b>RPC MG1826</b>
		0.984	0.157	7/16	0.689	0.394	10-32 UNF	5/32	<b>RPC MG5326</b>
		1.083	0.157	7/16	0.807	0.504	10-32 UNF	3/16	<b>RPC MG3126</b>
		1.083	0.157	1/2	0.807	0.504	10-32 UNF	1/4	<b>RPC MG4126</b>

## MALE ELBOW - FRACTIONAL INCH TUBE TO MALE NPT - RPC MR


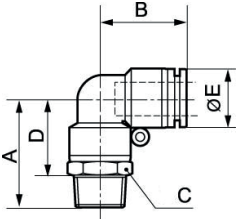
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		1.004	0.315	7/16	0.689	0.394	1/8" MNPT	1/8	<b>RPC MR1820</b>
		1.004	0.315	7/16	0.689	0.394	1/8" MNPT	5/32	<b>RPC MR5320</b>
		1.122	0.433	9/16	0.689	0.394	1/4" MNPT	5/32	<b>RPC MR5321</b>
		1.122	0.315	7/16	0.807	0.504	1/8" MNPT	3/16	<b>RPC MR3120</b>
		1.22	0.433	9/16	0.807	0.504	1/4" MNPT	3/16	<b>RPC MR3121</b>
		1.28	0.472	11/16	0.807	0.504	3/8" MNPT	3/16	<b>RPC MR3122</b>
		1.122	0.315	1/2	0.807	0.504	1/8" MNPT	1/4	<b>RPC MR4120</b>
		1.22	0.433	9/16	0.807	0.504	1/4" MNPT	1/4	<b>RPC MR4121</b>
		1.28	0.472	11/16	0.807	0.504	3/8" MNPT	1/4	<b>RPC MR4122</b>
		1.181	0.315	9/16	0.886	0.543	1/8" MNPT	5/16	<b>RPC MR5120</b>
		1.299	0.433	9/16	0.886	0.543	1/4" MNPT	5/16	<b>RPC MR5121</b>
		1.358	0.472	11/16	0.886	0.543	3/8" MNPT	5/16	<b>RPC MR5122</b>
		1.327	0.315	11/16	1.035	0.661	1/8" MNPT	3/8	<b>RPC MR3820</b>
		1.445	0.433	11/16	1.035	0.661	1/4" MNPT	3/8	<b>RPC MR3821</b>
		1.484	0.472	11/16	1.035	0.661	3/8" MNPT	3/8	<b>RPC MR3822</b>
		1.642	0.591	7/8	1.035	0.661	1/2" MNPT	3/8	<b>RPC MR3823</b>
		1.543	0.433	7/8	1.118	0.807	1/4" MNPT	1/2	<b>RPC MR2121</b>
		1.583	0.472	7/8	1.118	0.807	3/8" MNPT	1/2	<b>RPC MR2122</b>
		1.72	0.591	7/8	1.118	0.807	1/2" MNPT	1/2	<b>RPC MR2123</b>

Operating  
pressure  
0 to 145 psi


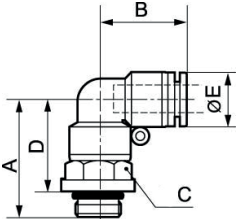
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### MALE ELBOW - METRIC TUBE TO MALE BSPT - RPC MR


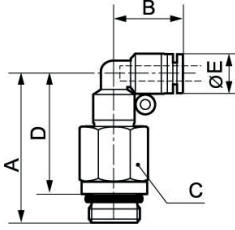
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			0.984	0.689	10	0.689	0.394	1/8" MBSP	4	<b>RPC MR0400</b>
1.043	0.689	14	0.689	0.394	1/4" MBSP	4	<b>RPC MR0401</b>			
1.083	0.807	12	0.787	0.504	1/8" MBSP	6	<b>RPC MR0600</b>			
1.142	0.807	14	0.787	0.504	1/4" MBSP	6	<b>RPC MR0601</b>			
1.24	0.807	17	0.807	0.504	3/8" MBSP	6	<b>RPC MR0602</b>			
1.339	0.807	21	0.827	0.504	1/2" MBSP	6	<b>RPC MR0603</b>			
1.161	0.886	14	0.866	0.543	1/8" MBSP	8	<b>RPC MR0800</b>			
1.22	0.886	14	0.866	0.543	1/4" MBSP	8	<b>RPC MR0801</b>			
1.319	0.886	17	0.886	0.543	3/8" MBSP	8	<b>RPC MR0802</b>			
1.417	0.886	21	0.906	0.543	1/2" MBSP	8	<b>RPC MR0803</b>			
1.307	1.035	17	1.012	0.661	1/8" MBSP	10	<b>RPC MR1000</b>			
1.366	1.035	17	1.012	0.661	1/4" MBSP	10	<b>RPC MR1001</b>			
1.445	1.035	17	1.012	0.661	3/8" MBSP	10	<b>RPC MR1002</b>			
1.543	1.035	21	1.031	0.661	1/2" MBSP	10	<b>RPC MR1003</b>			
1.496	1.094	19	1.063	0.78	3/8" MBSP	12	<b>RPC MR1202</b>			
1.575	1.094	21	1.063	0.78	1/2" MBSP	12	<b>RPC MR1203</b>			
1.575	1.173	22	1.142	0.894	3/8" MBSP	14	<b>RPC MR1402</b>			
1.654	1.173	22	1.142	0.894	1/2" MBSP	14	<b>RPC MR1403</b>			
1.634	1.213	24	1.201	0.937	3/8" MBSP	16	<b>RPC MR1602</b>			
1.713	1.213	24	1.201	0.937	1/2" MBSP	16	<b>RPC MR1603</b>			

### MALE ELBOW - METRIC TUBE TO M5 - RPC MG


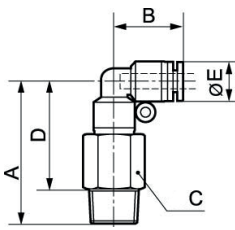
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			0.984	0.689	10	0.827	0.394	M5	4	<b>RPC MG04M5</b>
1.083	0.807	12	0.925	0.504	M5	6	<b>RPC MG06M5</b>			

# CONEX PUSH-TO-CONNECT FITTINGS

## EXTENDED MALE ELBOW - FRACTIONAL INCH TUBE TO 10-32 UNF - RPC LG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		1.398	0.157	7/16	0.689	0.394	10-32 UNF	1/8	<b>RPC LG1826</b>
		1.398	0.157	7/16	0.689	0.394	10-32 UNF	5/32	<b>RPC LG5326</b>

## EXTENDED MALE ELBOW - FRACTIONAL INCH TUBE TO MALE NPT - RPC LR


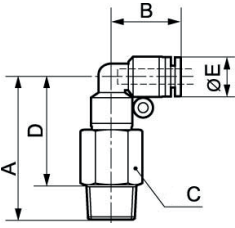
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		1.417	0.315	7/16	0.689	0.394	1/8" MNPT	1/8	<b>RPC LR1820</b>
		1.417	0.315	7/16	0.689	0.394	1/8" MNPT	5/32	<b>RPC LR5320</b>
1.634	0.315	1/2	0.807	0.504	1/8" MNPT	3/16	<b>RPC LR3120</b>		
1.791	0.433	9/16	0.807	0.504	1/4" MNPT	3/16	<b>RPC LR3121</b>		
1.85	0.472	11/16	0.807	0.504	3/8" MNPT	3/16	<b>RPC LR3122</b>		
1.634	0.315	1/2	0.807	0.504	1/8" MNPT	1/4	<b>RPC LR4120</b>		
1.791	0.433	9/16	0.807	0.504	1/4" MNPT	1/4	<b>RPC LR4121</b>		
1.85	0.472	11/16	0.807	0.504	3/8" MNPT	1/4	<b>RPC LR4122</b>		
1.74	0.315	9/16	0.886	0.543	1/8" MNPT	5/16	<b>RPC LR5120</b>		
1.858	0.433	9/16	0.886	0.543	1/4" MNPT	5/16	<b>RPC LR5121</b>		
1.917	0.472	11/16	0.886	0.543	3/8" MNPT	5/16	<b>RPC LR5122</b>		
2.154	0.433	11/16	1.035	0.661	1/4" MNPT	3/8	<b>RPC LR3821</b>		
2.193	0.472	11/16	1.035	0.661	3/8" MNPT	3/8	<b>RPC LR3822</b>		
2.35	0.591	7/8	1.035	0.661	1/2" MNPT	3/8	<b>RPC LR3823</b>		
2.35	0.433	7/8	1.118	0.807	1/4" MNPT	1/2	<b>RPC LR2121</b>		
2.39	0.472	7/8	1.118	0.807	3/8" MNPT	1/2	<b>RPC LR2122</b>		
2.528	0.591	7/8	1.118	0.807	1/2" MNPT	1/2	<b>RPC LR2123</b>		

Operating pressure  
0 to 145 psi


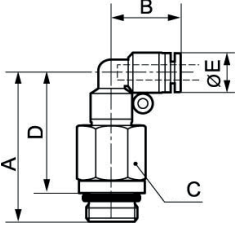
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### EXTENDED MALE ELBOW - METRIC TUBE TO MALE BSPT - RPC LR


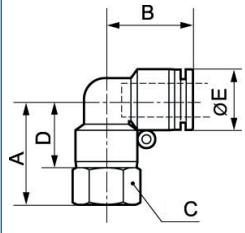
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.398	0.689	10	1.102	0.394	1/8" MBSP	4	<b>RPC LR0400</b>
1.457	0.689	14	1.102	0.394	1/4" MBSP	4	<b>RPC LR0401</b>			
1.594	0.807	12	1.299	0.504	1/8" MBSP	6	<b>RPC LR0600</b>			
1.713	0.807	14	1.358	0.504	1/4" MBSP	6	<b>RPC LR0601</b>			
1.811	0.807	17	1.378	0.504	3/8" MBSP	6	<b>RPC LR0602</b>			
1.909	0.807	21	1.398	0.504	1/2" MBSP	6	<b>RPC LR0603</b>			
1.732	0.886	14	1.437	0.543	1/8" MBSP	8	<b>RPC LR0800</b>			
1.791	0.886	14	1.437	0.543	1/4" MBSP	8	<b>RPC LR0801</b>			
1.89	0.886	17	1.457	0.543	3/8" MBSP	8	<b>RPC LR0802</b>			
1.988	0.886	21	1.476	0.543	1/2" MBSP	8	<b>RPC LR0803</b>			
2.016	1.035	17	1.72	0.661	1/8" MBSP	10	<b>RPC LR1000</b>			
2.075	1.035	17	1.72	0.661	1/4" MBSP	10	<b>RPC LR1001</b>			
2.154	1.035	17	1.72	0.661	3/8" MBSP	10	<b>RPC LR1002</b>			
2.252	1.035	21	1.74	0.661	1/2" MBSP	10	<b>RPC LR1003</b>			
2.185	1.094	19	1.831	0.78	1/4" MBSP	12	<b>RPC LR1201</b>			
2.283	1.094	19	1.85	0.78	3/8" MBSP	12	<b>RPC LR1202</b>			
2.362	1.094	21	1.85	0.78	1/2" MBSP	12	<b>RPC LR1203</b>			
2.382	1.173	22	1.949	0.894	3/8" MBSP	14	<b>RPC LR1402</b>			
2.461	1.173	22	1.949	0.894	1/2" MBSP	14	<b>RPC LR1403</b>			
2.441	1.213	24	2.008	0.937	3/8" MBSP	16	<b>RPC LR1602</b>			
2.52	1.213	24	2.008	0.937	1/2" MBSP	16	<b>RPC LR1603</b>			

### EXTENDED MALE ELBOW - METRIC TUBE TO M5 - RPC LG


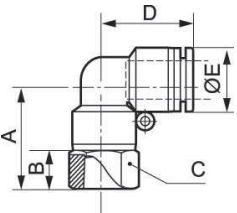
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			1.398	0.689	10	1.24	0.394	M5	4	<b>RPC LG04M5</b>
1.594	0.807	12	1.437	0.504	M5	6	<b>RPC LG06M5</b>			

# CONEX PUSH-TO-CONNECT FITTINGS

## FEMALE ELBOW - FRACTIONAL INCH TUBE TO 10-32 UNF - RPC FG

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
			0.965	0.276	1/2	0.689	0.394	10-32 UNF	1/8	<b>RPC FG1826</b>

## FEMALE ELBOW - FRACTIONAL INCH TUBE TO NPT - RPC FR


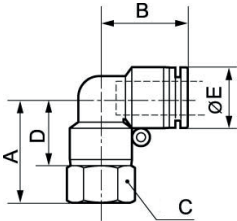
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	For tube OD (in)	Part Numbers
			0.965	0.433	1/2	0.689	0.394	1/8" FNPT	5/32	<b>RPC FR5320</b>
1.063	0.433	1/2	0.807	0.504	1/8" FNPT	3/16	<b>RPC FR3120</b>			
1.181	0.551	11/16	0.807	0.504	1/4" FNPT	3/16	<b>RPC FR3121</b>			
1.063	0.433	1/2	0.807	0.504	1/8" FNPT	1/4	<b>RPC FR4120</b>			
1.181	0.551	11/16	0.807	0.504	1/4" FNPT	1/4	<b>RPC FR4121</b>			
1.13	0.433	9/16	0.886	0.543	1/8" FNPT	5/16	<b>RPC FR5120</b>			
1.169	0.551	11/16	0.886	0.543	1/4" FNPT	5/16	<b>RPC FR5121</b>			
1.287	0.591	7/8	0.886	0.543	3/8" FNPT	5/16	<b>RPC FR5122</b>			
1.307	0.551	11/16	1.035	0.661	1/4" FNPT	3/8	<b>RPC FR3821</b>			
1.346	0.591	7/8	1.035	0.661	3/8" FNPT	3/8	<b>RPC FR3822</b>			
1.504	0.591	7/8	1.118	0.807	3/8" FNPT	1/2	<b>RPC FR2122</b>			
1.622	0.709	1	1.118	0.807	1/2" FNPT	1/2	<b>RPC FR2123</b>			

Operating pressure  
0 to 145 psi


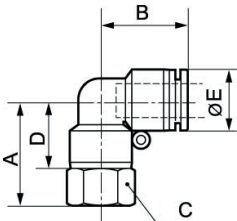
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### FEMALE ELBOW - METRIC TUBE TO M5 - RPC FG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric female threading	For tube OD (mm)	Part Numbers
		0.807	0.689	12	0.61	0.394	M5	4	<b>RPC FG04M5</b>
		0.906	0.807	12	0.709	0.504	M5	6	<b>RPC FG06M5</b>


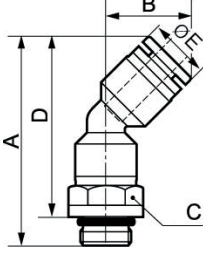
### FEMALE ELBOW - METRIC TUBE TO FEMALE BSPP - RPC FG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPP female thread	For tube OD (mm)	Part Numbers
		0.886	0.689	12	0.61	0.394	1/8" FBSP	4	<b>RPC FG0400</b>
		0.906	0.689	17	0.61	0.394	1/4" FBSP	4	<b>RPC FG0401</b>
0.984	0.807	12	0.709	0.504	1/8" FBSP	6	<b>RPC FG0600</b>		
1.004	0.807	17	0.709	0.504	1/4" FBSP	6	<b>RPC FG0601</b>		
1.024	0.807	19	0.709	0.504	3/8" FBSP	6	<b>RPC FG0602</b>		
1.102	0.807	24	0.709	0.504	1/2" FBSP	6	<b>RPC FG0603</b>		
1.051	0.886	14	0.776	0.543	1/8" FBSP	8	<b>RPC FG0800</b>		
1.071	0.886	17	0.776	0.543	1/4" FBSP	8	<b>RPC FG0801</b>		
1.091	0.886	19	0.776	0.543	3/8" FBSP	8	<b>RPC FG0802</b>		
1.169	0.886	24	0.776	0.543	1/2" FBSP	8	<b>RPC FG0803</b>		
1.189	1.035	19	0.913	0.661	1/8" FBSP	10	<b>RPC FG1000</b>		
1.209	1.035	19	0.913	0.661	1/4" FBSP	10	<b>RPC FG1001</b>		
1.228	1.035	19	0.913	0.661	3/8" FBSP	10	<b>RPC FG1002</b>		
1.307	1.035	24	0.913	0.661	1/2" FBSP	10	<b>RPC FG1003</b>		
1.24	1.094	19	0.945	0.78	1/4" FBSP	12	<b>RPC FG1201</b>		
1.26	1.094	21	0.945	0.78	3/8" FBSP	12	<b>RPC FG1202</b>		
1.339	1.094	24	0.945	0.78	1/2" FBSP	12	<b>RPC FG1203</b>		
1.319	1.173	22	1.004	0.894	3/8" FBSP	14	<b>RPC FG1402</b>		
1.398	1.173	24	1.004	0.894	1/2" FBSP	14	<b>RPC FG1403</b>		
1.378	1.213	24	1.063	0.937	3/8" FBSP	16	<b>RPC FG1602</b>		
1.457	1.213	24	1.063	0.937	1/2" FBSP	16	<b>RPC FG1603</b>		


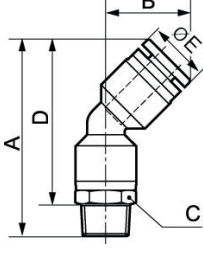


# CONEX PUSH-TO-CONNECT FITTINGS

## 45° MALE ELBOW - FRACTIONAL INCH TUBE TO 10-32 UNF - RPQ MG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.945	0.157	7/16	0.65	0.394	10-32 UNF	1/8	<b>RPQ MG1826</b>
		0.945	0.157	7/16	0.65	0.394	10-32 UNF	5/32	<b>RPQ MG5326</b>
		1.004	0.157	1/2	0.728	0.504	10-32 UNF	3/16	<b>RPQ MG3126</b>
		1.004	0.157	1/2	0.728	0.504	10-32 UNF	1/4	<b>RPQ MG4126</b>

## 45° MALE ELBOW - FRACTIONAL INCH TUBE TO MALE NPT - RPQ MR


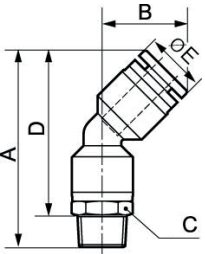
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		0.965	0.315	7/16	0.65	0.394	1/8" MNPT	1/8	<b>RPQ MR1820</b>
		0.965	0.315	7/16	0.65	0.394	1/8" MNPT	5/32	<b>RPQ MR5320</b>
		1.083	0.433	9/16	0.65	0.394	1/4" MNPT	5/32	<b>RPQ MR5321</b>
		1.043	0.315	1/2	0.728	0.504	1/8" MNPT	3/16	<b>RPQ MR3120</b>
		1.142	0.433	9/16	0.728	0.504	1/4" MNPT	3/16	<b>RPQ MR3121</b>
		1.201	0.472	11/16	0.728	0.504	3/8" MNPT	3/16	<b>RPQ MR3122</b>
		1.043	0.315	1/2	0.728	0.504	1/8" MNPT	1/4	<b>RPQ MR4120</b>
		1.142	0.433	9/16	0.728	0.504	1/4" MNPT	1/4	<b>RPQ MR4121</b>
		1.201	0.472	11/16	0.728	0.504	3/8" MNPT	1/4	<b>RPQ MR4122</b>
		1.071	0.315	9/16	0.787	0.543	1/8" MNPT	5/16	<b>RPQ MR5120</b>
		1.189	0.433	9/16	0.787	0.543	1/4" MNPT	5/16	<b>RPQ MR5121</b>
		1.248	0.472	11/16	0.787	0.543	3/8" MNPT	5/16	<b>RPQ MR5122</b>
		1.161	0.315	11/16	0.87	0.661	1/8" MNPT	3/8	<b>RPQ MR3820</b>
		1.28	0.433	11/16	0.87	0.661	1/4" MNPT	3/8	<b>RPQ MR3821</b>
		1.319	0.472	11/16	0.87	0.661	3/8" MNPT	3/8	<b>RPQ MR3822</b>
		1.476	0.591	7/8	0.87	0.661	1/2" MNPT	3/8	<b>RPQ MR3823</b>
		1.339	0.433	7/8	0.976	0.807	1/4" MNPT	1/2	<b>RPQ MR2121</b>
		1.378	0.472	7/8	0.976	0.807	3/8" MNPT	1/2	<b>RPQ MR2122</b>
		1.543	0.591	7/8	0.976	0.807	1/2" MNPT	1/2	<b>RPQ MR2123</b>

Operating pressure  
0 to 145 psi


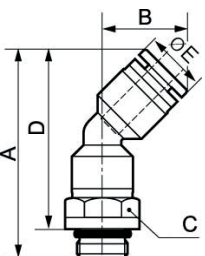
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### 45° MALE ELBOW - METRIC TUBE TO MALE BSPT - RPQ MR


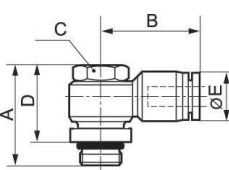
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.551	0.571	10	1.256	0.394	1/8" MBSP	4	<b>RPQ MR0400</b>
1.61	0.571	14	1.256	0.394	1/4" MBSP	4	<b>RPQ MR0401</b>			
1.693	0.65	12	1.398	0.504	1/8" MBSP	5	<b>RPQ MR0500</b>			
1.752	0.65	14	1.398	0.504	1/4" MBSP	5	<b>RPQ MR0501</b>			
1.85	0.65	17	1.417	0.504	3/8" MBSP	5	<b>RPQ MR0502</b>			
1.949	0.65	21	1.437	0.504	1/2" MBSP	5	<b>RPQ MR0503</b>			
1.693	0.65	12	1.398	0.504	1/8" MBSP	6	<b>RPQ MR0600</b>			
1.752	0.65	14	1.398	0.504	1/4" MBSP	6	<b>RPQ MR0601</b>			
1.85	0.65	17	1.417	0.504	3/8" MBSP	6	<b>RPQ MR0602</b>			
1.949	0.65	21	1.437	0.504	1/2" MBSP	6	<b>RPQ MR0603</b>			
1.811	0.748	14	1.516	0.543	1/8" MBSP	8	<b>RPQ MR0800</b>			
1.87	0.748	14	1.516	0.543	1/4" MBSP	8	<b>RPQ MR0801</b>			
1.969	0.748	17	1.535	0.543	3/8" MBSP	8	<b>RPQ MR0802</b>			
2.067	0.748	21	1.555	0.543	1/2" MBSP	8	<b>RPQ MR0803</b>			
2.02	0.866	17	1.724	0.661	1/8" MBSP	10	<b>RPQ MR1000</b>			
2.079	0.866	17	1.724	0.661	1/4" MBSP	10	<b>RPQ MR1001</b>			
2.157	0.866	17	1.724	0.661	3/8" MBSP	10	<b>RPQ MR1002</b>			
2.256	0.866	21	1.744	0.661	1/2" MBSP	10	<b>RPQ MR1003</b>			
2.185	0.906	19	1.831	0.78	1/4" MBSP	12	<b>RPQ MR1201</b>			
2.283	0.906	19	1.85	0.78	3/8" MBSP	12	<b>RPQ MR1202</b>			
2.362	0.906	21	1.85	0.78	1/2" MBSP	12	<b>RPQ MR1203</b>			

### 135° MALE ELBOW - METRIC TUBE TO MALE M5 - RPQ MG


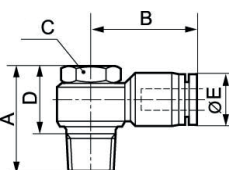
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			1.535	0.571	10	1.378	0.394	M5	4	<b>RPQ MG04M5</b>
1.673	0.65	12	1.516	0.504	M5	6	<b>RPQ MG06M5</b>			

# CONEX PUSH-TO-CONNECT FITTINGS

## MALE BANJO - FRACTIONAL INCH TUBE TO 10-32 UNF - RPB MG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.362	0.157	5/16	0.776	0.394	10-32 UNF	1/8	<b>RPB MG1826</b>
		0.362	0.157	5/16	0.776	0.394	10-32 UNF	5/32	<b>RPB MG5326</b>
		0.362	0.157	5/16	0.886	0.504	10-32 UNF	3/16	<b>RPB MG3126</b>

## MALE BANJO - FRACTIONAL INCH TUBE TO MALE NPT - RPB MR


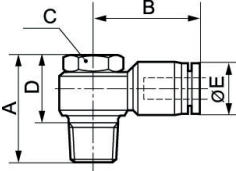
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		0.472	0.315	1/2	0.858	0.394	1/8" MNPT	1/8	<b>RPB MR1820</b>
		0.472	0.315	1/2	0.858	0.394	1/8" MNPT	5/32	<b>RPB MR5320</b>
		0.472	0.315	1/2	0.906	0.504	1/8" MNPT	3/16	<b>RPB MR3120</b>
		0.472	0.433	9/16	1.004	0.504	1/4" MNPT	3/16	<b>RPB MR3121</b>
		0.472	0.315	1/2	0.906	0.504	1/8" MNPT	1/4	<b>RPB MR4120</b>
		0.472	0.433	9/16	1.004	0.504	1/4" MNPT	1/4	<b>RPB MR4121</b>
		0.472	0.315	1/2	0.969	0.543	1/8" MNPT	5/16	<b>RPB MR5120</b>
		0.472	0.433	9/16	1.055	0.543	1/4" MNPT	5/16	<b>RPB MR5121</b>
		0.606	0.472	3/4	1.134	0.543	3/8" MNPT	5/16	<b>RPB MR5122</b>
		0.472	0.433	9/16	1.22	0.661	1/4" MNPT	3/8	<b>RPB MR3821</b>
		0.606	0.472	3/4	1.22	0.661	3/8" MNPT	3/8	<b>RPB MR3822</b>
		0.606	0.472	3/4	1.307	0.807	3/8" MNPT	1/2	<b>RPB MR2122</b>
		0.689	0.591	1	1.386	0.807	1/2" MNPT	1/2	<b>RPB MR2123</b>

Operating pressure  
0 to 145 psi


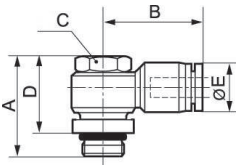
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### MALE BANJO - METRIC TUBE TO MALE BSPT - RPB MR


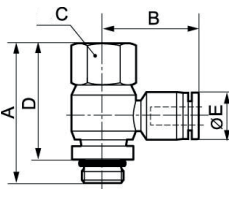
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			0.984	0.858	10	0.689	0.394	1/8" MBSP	4	<b>RPB MR0400</b>
1.142	0.945	14	0.787	0.394	1/4" MBSP	4	<b>RPB MR0401</b>			
0.984	0.906	10	0.689	0.504	1/8" MBSP	6	<b>RPB MR0600</b>			
1.142	1.004	14	0.787	0.504	1/4" MBSP	6	<b>RPB MR0601</b>			
1.378	1.067	19	0.945	0.504	3/8" MBSP	6	<b>RPB MR0602</b>			
1.575	1.185	24	1.063	0.504	1/2" MBSP	6	<b>RPB MR0603</b>			
0.984	0.969	10	0.689	0.543	1/8" MBSP	8	<b>RPB MR0800</b>			
1.142	1.055	14	0.787	0.543	1/4" MBSP	8	<b>RPB MR0801</b>			
1.378	1.134	19	0.945	0.543	3/8" MBSP	8	<b>RPB MR0802</b>			
1.575	1.201	24	1.063	0.543	1/2" MBSP	8	<b>RPB MR0803</b>			
0.984	1.122	10	0.689	0.661	1/8" MBSP	10	<b>RPB MR1000</b>			
1.142	1.22	14	0.787	0.661	1/4" MBSP	10	<b>RPB MR1001</b>			
1.378	1.22	19	0.945	0.661	3/8" MBSP	10	<b>RPB MR1002</b>			
1.575	1.339	24	1.063	0.661	1/2" MBSP	10	<b>RPB MR1003</b>			
1.142	1.252	14	0.787	0.78	1/4" MBSP	12	<b>RPB MR1201</b>			
1.378	1.339	19	0.945	0.78	3/8" MBSP	12	<b>RPB MR1202</b>			
1.575	1.409	24	1.063	0.78	1/2" MBSP	12	<b>RPB MR1203</b>			
1.378	1.37	19	0.945	0.937	3/8" MBSP	16	<b>RPB MR1602</b>			
1.575	1.441	24	1.063	0.937	1/2" MBSP	16	<b>RPB MR1603</b>			

### MALE BANJO - METRIC TUBE TO MALE M5 - RPB MG


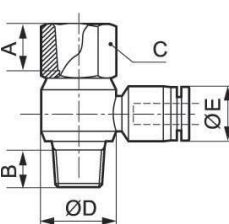
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			0.787	0.776	8	0.63	0.394	M5	4	<b>RPB MG04M5</b>
0.787	0.776	8	0.63	0.504	M5	6	<b>RPB MG06M5</b>			

# CONEX PUSH-TO-CONNECT FITTINGS

## FEMALE BANJO - FRACTIONAL INCH TUBE TO UNF THREAD - RPB FG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.197	0.157	1/2	0.394	0.394	10-32 UNF	1/8	<b>RPB FG1826</b>
		0.197	0.157	1/2	0.394	0.394	10-32 UNF	5/32	<b>RPB FG5326</b>
		0.197	0.157	1/2	0.394	0.504	10-32 UNF	3/16	<b>RPB FG3126</b>

## FEMALE BANJO - FRACTIONAL INCH TUBE TO FEMALE NPT - RPB FR


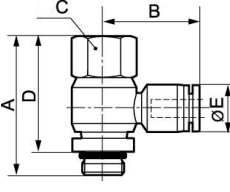
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT female thread	For tube OD (in)	Part Numbers
		0.354	0.315	1/2	0.571	0.394	1/8" FNPT	1/8	<b>RPB FR1820</b>
		0.354	0.315	1/2	0.571	0.394	1/8" FNPT	5/32	<b>RPB FR5320</b>
		0.354	0.315	1/2	0.571	0.504	1/8" FNPT	3/16	<b>RPB FR3120</b>
		0.472	0.433	11/16	0.717	0.504	1/4" FNPT	3/16	<b>RPB FR3121</b>
		0.354	0.315	9/16	0.571	0.504	1/8" FNPT	1/4	<b>RPB FR4120</b>
		0.472	0.433	11/16	0.717	0.504	1/4" FNPT	1/4	<b>RPB FR4121</b>
		0.354	0.315	11/16	0.571	0.543	1/8" FNPT	5/16	<b>RPB FR5120</b>
		0.472	0.433	11/16	0.717	0.543	1/4" FNPT	5/16	<b>RPB FR5121</b>
		0.512	0.472	7/8	0.866	0.543	3/8" FNPT	5/16	<b>RPB FR5122</b>
		0.472	0.433	7/8	0.717	0.661	1/4" FNPT	3/8	<b>RPB FR3821</b>
		0.512	0.472	7/8	0.866	0.661	3/8" FNPT	3/8	<b>RPB FR3822</b>
		0.512	0.472	7/8	0.866	0.807	3/8" FNPT	1/2	<b>RPB FR2122</b>
		0.63	0.591	1	1.079	0.807	1/2" FNPT	1/2	<b>RPB FR2123</b>

Operating pressure  
0 to 145 psi


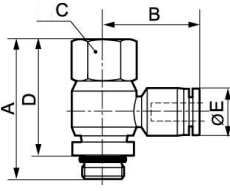
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### FEMALE BANJO - METRIC TUBE TO M5 - RPB FG


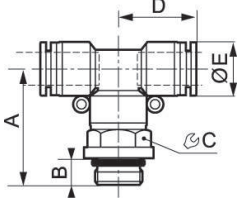
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric female threading	For tube OD (mm)	Part Numbers
		0.787	0.776	8	0.63	0.394	M5	4	<b>RPB FG04M5</b>
		0.787	0.878	8	0.63	0.504	M5	6	<b>RPB FG06M5</b>

### FEMALE BANJO - METRIC TUBE TO FEMALE BSPP - RPB FG


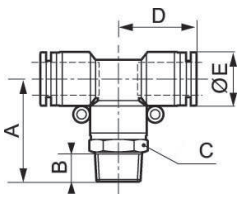
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPP female thread	For tube OD (mm)	Part Numbers
		1.181	0.925	12	0.965	0.394	1/8" FBSP	4	<b>RPB FG0400</b>
		1.26	0.945	17	1.024	0.394	1/4" FBSP	4	<b>RPB FG0401</b>
1.181	0.906	12	0.965	0.504	1/8" FBSP	6	<b>RPB FG0600</b>		
1.26	0.984	17	1.024	0.504	1/4" FBSP	6	<b>RPB FG0601</b>		
1.535	1.043	19	1.28	0.504	3/8" FBSP	6	<b>RPB FG0602</b>		
1.654	1.173	24	1.339	0.504	1/2" FBSP	6	<b>RPB FG0603</b>		
1.181	0.984	12	0.965	0.543	1/8" FBSP	8	<b>RPB FG0800</b>		
1.26	1.063	17	1.024	0.543	1/4" FBSP	8	<b>RPB FG0801</b>		
1.535	1.142	19	1.28	0.543	3/8" FBSP	8	<b>RPB FG0802</b>		
1.654	1.193	24	1.339	0.543	1/2" FBSP	8	<b>RPB FG0803</b>		
1.181	1.142	12	0.965	0.661	1/8" FBSP	10	<b>RPB FG1000</b>		
1.26	1.299	17	1.024	0.661	1/4" FBSP	10	<b>RPB FG1001</b>		
1.535	1.26	19	1.28	0.661	3/8" FBSP	10	<b>RPB FG1002</b>		
1.654	1.339	24	1.339	0.661	1/2" FBSP	10	<b>RPB FG1003</b>		
1.26	1.22	17	1.024	0.78	1/4" FBSP	12	<b>RPB FG1201</b>		
1.535	1.339	19	1.28	0.78	3/8" FBSP	12	<b>RPB FG1202</b>		
1.654	1.417	24	1.339	0.78	1/2" FBSP	12	<b>RPB FG1203</b>		
1.535	1.339	19	1.28	0.937	3/8" FBSP	16	<b>RPB FG1602</b>		
1.654	1.429	24	1.339	0.937	1/2" FBSP	16	<b>RPB FG1603</b>		

# CONEX PUSH-TO-CONNECT FITTINGS

## MALE BRANCH TEE - FRACTIONAL INCH TUBE TO 10-32 UNF - RPT CG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.984	0.157	7/16	0.689	0.394	10-32 UNF	1/8	<b>RPT CG1826</b>
		0.984	0.157	7/16	0.689	0.394	10-32 UNF	5/32	<b>RPT CG5326</b>
		1.083	0.157	1/2	0.807	0.504	10-32 UNF	3/16	<b>RPT CG3126</b>
		1.083	0.157	1/2	0.807	0.504	10-32 UNF	1/4	<b>RPT CG4126</b>

## MALE BRANCH TEE - FRACTIONAL INCH TUBE TO MALE NPT - RPT CR


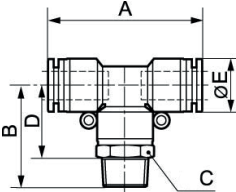
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		1.004	0.315	7/16	0.689	0.394	1/8" MNPT	1/8	<b>RPT CR1820</b>
		1.004	0.315	7/16	0.689	0.394	1/8" MNPT	5/32	<b>RPT CR5320</b>
		1.122	0.433	9/16	0.689	0.394	1/4" MNPT	5/32	<b>RPT CR5321</b>
		1.122	0.315	1/2	0.807	0.504	1/8" MNPT	3/16	<b>RPT CR3120</b>
		1.22	0.433	9/16	0.807	0.504	1/4" MNPT	3/16	<b>RPT CR3121</b>
		1.28	0.472	11/16	0.807	0.504	3/8" MNPT	3/16	<b>RPT CR3122</b>
		1.122	0.315	1/2	0.807	0.504	1/8" MNPT	1/4	<b>RPT CR4120</b>
		1.22	0.433	9/16	0.807	0.504	1/4" MNPT	1/4	<b>RPT CR4121</b>
		1.28	0.472	11/16	0.807	0.504	3/8" MNPT	1/4	<b>RPT CR4122</b>
		1.181	0.315	9/16	0.886	0.543	1/8" MNPT	5/16	<b>RPT CR5120</b>
		1.299	0.433	9/16	0.886	0.543	1/4" MNPT	5/16	<b>RPT CR5121</b>
		1.358	0.472	11/16	0.886	0.543	3/8" MNPT	5/16	<b>RPT CR5122</b>
		1.327	0.315	11/16	1.035	0.661	1/8" MNPT	3/8	<b>RPT CR3820</b>
		1.445	0.433	11/16	1.035	0.661	1/4" MNPT	3/8	<b>RPT CR3821</b>
		1.484	0.472	11/16	1.035	0.661	3/8" MNPT	3/8	<b>RPT CR3822</b>
		1.642	0.591	7/8	1.035	0.661	1/2" MNPT	3/8	<b>RPT CR3823</b>
		1.543	0.433	7/8	1.118	0.807	1/4" MNPT	1/2	<b>RPT CR2121</b>
		1.583	0.472	7/8	1.118	0.807	3/8" MNPT	1/2	<b>RPT CR2122</b>
		1.72	0.591	7/8	1.118	0.807	1/2" MNPT	1/2	<b>RPT CR2123</b>

Operating pressure  
0 to 145 psi


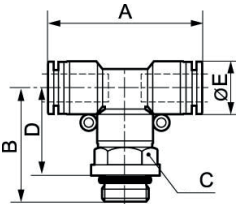
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### MALE BRANCH TEE - METRIC TUBE TO MALE BSPT - RPT CR

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.378	0.984	10	0.689	0.394	1/8" MBSP	4	<b>RPT CR0400</b>
1.378	1.043	14	0.689	0.394	1/4" MBSP	4	<b>RPT CR0401</b>			
1.614	1.083	12	0.787	0.504	1/8" MBSP	6	<b>RPT CR0600</b>			
1.614	1.142	14	0.787	0.504	1/4" MBSP	6	<b>RPT CR0601</b>			
1.614	1.24	17	0.807	0.504	3/8" MBSP	6	<b>RPT CR0602</b>			
1.614	1.339	21	0.827	0.504	1/2" MBSP	6	<b>RPT CR0603</b>			
1.772	1.161	14	0.866	0.543	1/8" MBSP	8	<b>RPT CR0800</b>			
1.772	1.22	14	0.866	0.543	1/4" MBSP	8	<b>RPT CR0801</b>			
1.772	1.319	17	0.886	0.543	3/8" MBSP	8	<b>RPT CR0802</b>			
1.772	1.417	21	0.906	0.543	1/2" MBSP	8	<b>RPT CR0803</b>			
2.071	1.307	17	1.012	0.661	1/8" MBSP	10	<b>RPT CR1000</b>			
2.071	1.366	17	1.012	0.661	1/4" MBSP	10	<b>RPT CR1001</b>			
2.071	1.445	17	1.012	0.661	3/8" MBSP	10	<b>RPT CR1002</b>			
2.071	1.543	21	1.031	0.661	1/2" MBSP	10	<b>RPT CR1003</b>			
2.189	1.398	19	1.043	0.78	1/4" MBSP	12	<b>RPT CR1201</b>			
2.189	1.496	19	1.063	0.78	3/8" MBSP	12	<b>RPT CR1202</b>			
2.189	1.575	21	1.063	0.78	1/2" MBSP	12	<b>RPT CR1203</b>			
2.441	1.622	22	1.189	0.894	3/8" MBSP	14	<b>RPT CR1402</b>			
2.441	1.701	22	1.189	0.894	1/2" MBSP	14	<b>RPT CR1403</b>			
2.543	1.693	24	1.26	0.937	3/8" MBSP	16	<b>RPT CR1602</b>			
2.543	1.772	24	1.26	0.937	1/2" MBSP	16	<b>RPT CR1603</b>			


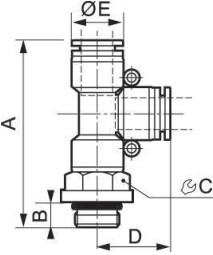
### MALE BRANCH TEE - METRIC TUBE TO M5 - RPT CG

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			1.378	0.984	10	0.827	0.394	M5	4	<b>RPT CG04M5</b>
1.614	1.083	12	0.925	0.504	M5	6	<b>RPT CG06M5</b>			


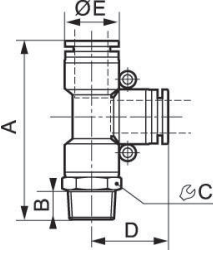


# CONEX PUSH-TO-CONNECT FITTINGS

## MALE RUN TEE - FRACTIONAL INCH TUBE TO 10-32 UNF - RPT AG

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
			1.673	0.157	7/16	0.689	0.394	10-32 UNF	1/8	<b>RPT AG1826</b>
1.673	0.157	7/16	0.689	0.394	10-32 UNF	5/32	<b>RPT AG5326</b>			
1.89	0.157	1/2	0.807	0.504	10-32 UNF	3/16	<b>RPT AG3126</b>			
1.89	0.157	1/2	0.807	0.504	10-32 UNF	1/4	<b>RPT AG4126</b>			

## MALE RUN TEE - FRACTIONAL INCH TUBE TO MALE NPT - RPT AR


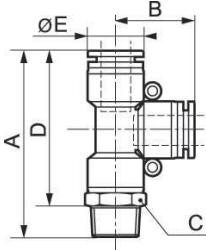
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
			1.693	0.315	7/16	0.689	0.394	1/8" MNPT	1/8	<b>RPT AR1820</b>
1.693	0.315	7/16	0.689	0.394	1/8" MNPT	5/32	<b>RPT AR5320</b>			
1.811	0.433	9/16	0.689	0.394	1/4" MNPT	5/32	<b>RPT AR5321</b>			
1.929	0.315	1/2	0.807	0.504	1/8" MNPT	3/16	<b>RPT AR3120</b>			
2.028	0.433	9/16	0.807	0.504	1/4" MNPT	3/16	<b>RPT AR3121</b>			
2.087	0.472	11/16	0.807	0.504	3/8" MNPT	3/16	<b>RPT AR3122</b>			
1.929	0.315	1/2	0.807	0.504	1/8" MNPT	1/4	<b>RPT AR4120</b>			
2.028	0.433	9/16	0.807	0.504	1/4" MNPT	1/4	<b>RPT AR4121</b>			
2.087	0.472	11/16	0.807	0.504	3/8" MNPT	1/4	<b>RPT AR4122</b>			
2.067	0.315	9/16	0.886	0.543	1/8" MNPT	5/16	<b>RPT AR5120</b>			
2.185	0.433	9/16	0.886	0.543	1/4" MNPT	5/16	<b>RPT AR5121</b>			
2.244	0.472	11/16	0.886	0.543	3/8" MNPT	5/16	<b>RPT AR5122</b>			
2.362	0.315	11/16	1.035	0.661	1/8" MNPT	3/8	<b>RPT AR3820</b>			
2.48	0.433	11/16	1.035	0.74	1/4" MNPT	3/8	<b>RPT AR3821</b>			
2.52	0.472	11/16	1.035	0.661	3/8" MNPT	3/8	<b>RPT AR3822</b>			
2.677	0.591	7/8	1.035	0.661	1/2" MNPT	3/8	<b>RPT AR3823</b>			
2.661	0.433	7/8	1.118	0.807	1/4" MNPT	1/2	<b>RPT AR2121</b>			
2.701	0.472	7/8	1.118	0.807	3/8" MNPT	1/2	<b>RPT AR2122</b>			
2.839	0.591	7/8	1.118	0.807	1/2" MNPT	1/2	<b>RPT AR2123</b>			

Operating  
pressure  
0 to 145 psi


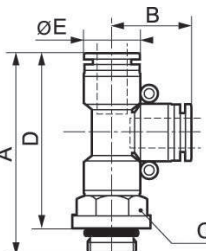
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### MALE RUN TEE - METRIC TUBE TO MALE BSPT - RPT AR


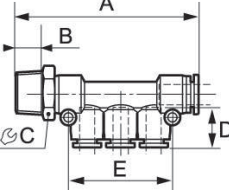
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.673	0.689	10	1.378	0.394	1/8" MBSP	4	<b>RPT AR0400</b>
1.732	0.689	14	1.378	0.394	1/4" MBSP	4	<b>RPT AR0401</b>			
1.89	0.807	12	1.594	0.504	1/8" MBSP	6	<b>RPT AR0600</b>			
1.949	0.807	14	1.594	0.504	1/4" MBSP	6	<b>RPT AR0601</b>			
2.047	0.807	17	1.614	0.504	3/8" MBSP	6	<b>RPT AR0602</b>			
2.146	0.807	21	1.634	0.504	1/2" MBSP	6	<b>RPT AR0603</b>			
2.047	0.886	14	1.752	0.543	1/8" MBSP	8	<b>RPT AR0800</b>			
2.106	0.886	14	1.752	0.543	1/4" MBSP	8	<b>RPT AR0801</b>			
2.205	0.886	17	1.772	0.543	3/8" MBSP	8	<b>RPT AR0802</b>			
2.303	0.886	21	1.791	0.543	1/2" MBSP	8	<b>RPT AR0803</b>			
2.343	1.035	17	2.047	0.661	1/8" MBSP	10	<b>RPT AR1000</b>			
2.402	1.035	17	2.047	0.661	1/4" MBSP	10	<b>RPT AR1001</b>			
2.48	1.035	17	2.047	0.661	3/8" MBSP	10	<b>RPT AR1002</b>			
2.579	1.035	21	2.067	0.661	1/2" MBSP	10	<b>RPT AR1003</b>			
2.492	1.094	19	2.138	0.78	1/4" MBSP	12	<b>RPT AR1201</b>			
2.591	1.094	19	2.157	0.78	3/8" MBSP	12	<b>RPT AR1202</b>			
2.669	1.094	21	2.157	0.78	1/2" MBSP	12	<b>RPT AR1203</b>			
2.843	1.22	22	2.409	0.894	3/8" MBSP	14	<b>RPT AR1402</b>			
2.921	1.22	22	2.409	0.894	1/2" MBSP	14	<b>RPT AR1403</b>			
2.965	1.272	24	2.531	0.937	3/8" MBSP	16	<b>RPT AR1602</b>			
3.043	1.272	24	2.531	0.937	1/2" MBSP	16	<b>RPT AR1603</b>			

### MALE RUN TEE - METRIC TUBE TO TUBE TO MALE M5 - RPT AG


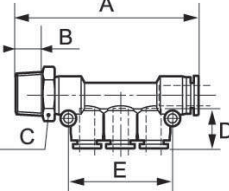
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			1.673	0.689	10	1.516	0.394	M5	4	<b>RPT AG04M5</b>
1.89	0.807	12	1.732	0.504	M5	6	<b>RPT AG06M5</b>			

# CONEX PUSH-TO-CONNECT FITTINGS


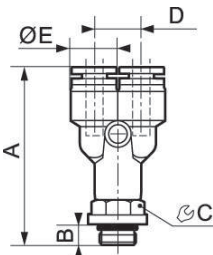
## MALE REDUCER - FRACTIONAL INCH TUBE TO MALE NPT - RPN KR

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	For tube OD (in)	Part Numbers
		2.665	0.315	9/16	0.61	1.591	1/8" MNPT	1/4	5/32	<b>RPN KR4153</b>
2.795	0.433	9/16	0.61	1.591	1/4" MNPT	5/16	5/32	<b>RPN KR5153</b>		
2.811	0.433	11/16	0.614	1.591	1/4" MNPT	5/16	1/4	<b>RPN KR5141</b>		
3.594	0.472	7/8	0.709	1.85	3/8" MNPT	3/8	5/16	<b>RPN KR3851</b>		

## MALE REDUCER - METRIC TUBE TO MALE BSPT - RPN KR

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	For tube OD (mm)	Part Numbers
		2.646	0.295	14	0.61	1.591	1/8" MBSP	6	4	<b>RPN KR6400</b>
2.717	0.354	14	0.61	1.591	1/4" MBSP	8	4	<b>RPN KR8401</b>		
2.732	0.354	17	0.614	1.591	1/4" MBSP	8	6	<b>RPN KR8601</b>		
3.555	0.433	21	0.709	1.85	1/8" MBSP	10	8	<b>RPN KR1082</b>		
3.654	0.512	21	0.709	1.85	1/2" MBSP	10	8	<b>RPN KR1083</b>		

## Y MALE - FRACTIONAL INCH TUBE TO 10-32 UNF - RPY MG

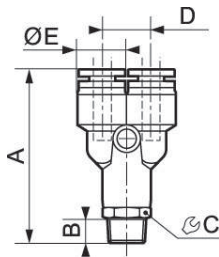
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	UNF thread	For tube OD	Part Numbers
		1.634	0.157	7/16	0.413	0.394	10-32 UNF	1/8	<b>RPY MG1826</b>
1.634	0.157	7/16	0.413	0.394	10-32 UNF	5/32	<b>RPY MG5326</b>		
1.732	0.157	1/2	0.512	0.504	10-32 UNF	3/16	<b>RPY MG3126</b>		
1.732	0.157	1/2	0.512	0.504	10-32 UNF	1/4	<b>RPY MG4126</b>		

Operating pressure  
0 to 145 psi

Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


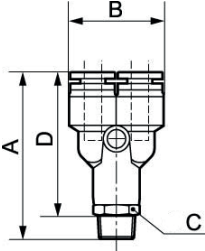
### Y MALE - FRACTIONAL INCH TUBE TO MALE NPT - RPY MR




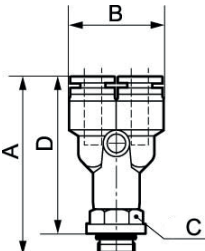
A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
1.654	0.315	7/16	0.413	0.394	1/8" MNPT	1/8	<b>RPY MR1820</b>
1.654	0.315	7/16	0.413	0.394	1/8" MNPT	5/32	<b>RPY MR5320</b>
1.772	0.433	9/16	0.413	0.394	1/4" MNPT	5/32	<b>RPY MR5321</b>
1.772	0.315	1/2	0.512	0.504	1/8" MNPT	3/16	<b>RPY MR3120</b>
1.87	0.433	9/16	0.512	0.504	1/4" MNPT	3/16	<b>RPY MR3121</b>
1.929	0.472	11/16	0.512	0.504	3/8" MNPT	3/16	<b>RPY MR3122</b>
1.772	0.315	1/2	0.512	0.504	1/8" MNPT	1/4	<b>RPY MR4120</b>
1.87	0.433	9/16	0.512	0.504	1/4" MNPT	1/4	<b>RPY MR4121</b>
1.929	0.472	11/16	0.512	0.504	3/8" MNPT	1/4	<b>RPY MR4122</b>
1.764	0.315	9/16	0.571	0.543	1/8" MNPT	5/16	<b>RPY MR5120</b>
1.882	0.433	9/16	0.571	0.543	1/4" MNPT	5/16	<b>RPY MR5121</b>
1.941	0.472	11/16	0.571	0.543	3/8" MNPT	5/16	<b>RPY MR5122</b>
2.394	0.315	11/16	0.709	0.661	1/8" MNPT	3/8	<b>RPY MR3820</b>
2.374	0.433	11/16	0.709	0.661	1/4" MNPT	3/8	<b>RPY MR3821</b>
2.413	0.472	11/16	0.709	0.661	3/8" MNPT	3/8	<b>RPY MR3822</b>
2.512	0.591	7/8	0.709	0.661	1/2" MNPT	3/8	<b>RPY MR3823</b>
2.469	0.433	7/8	0.827	0.807	1/4" MNPT	1/2	<b>RPY MR2121</b>
2.508	0.472	7/8	0.827	0.807	3/8" MNPT	1/2	<b>RPY MR2122</b>
2.646	0.591	7/8	0.827	0.807	1/2" MNPT	1/2	<b>RPY MR2123</b>

# CONEX PUSH-TO-CONNECT FITTINGS

## Y MALE - METRIC TUBE TO MALE BSPT - RPY MR

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.634	0.787	10	1.339	-	1/8" MBSP	4	<b>RPY MR0400</b>
1.693	0.787	14	1.339	-	1/4" MBSP	4	<b>RPY MR0401</b>			
1.732	1.008	12	1.437	-	1/8" MBSP	6	<b>RPY MR0600</b>			
1.791	1.008	14	1.437	-	1/4" MBSP	6	<b>RPY MR0601</b>			
1.89	1.008	17	1.457	-	3/8" MBSP	6	<b>RPY MR0602</b>			
1.988	1.008	21	1.476	-	1/2" MBSP	6	<b>RPY MR0603</b>			
1.744	1.087	14	1.449	-	1/8" MBSP	8	<b>RPY MR0800</b>			
1.803	1.087	14	1.449	-	1/4" MBSP	8	<b>RPY MR0801</b>			
1.902	1.087	17	1.469	-	3/8" MBSP	8	<b>RPY MR0802</b>			
2	1.087	21	1.488	-	1/2" MBSP	8	<b>RPY MR0803</b>			
2.209	1.323	17	1.913	-	1/8" MBSP	10	<b>RPY MR1000</b>			
2.268	1.323	17	1.913	-	1/4" MBSP	10	<b>RPY MR1001</b>			
2.346	1.283	17	1.913	-	3/8" MBSP	10	<b>RPY MR1002</b>			
2.445	1.323	21	1.933	-	1/2" MBSP	10	<b>RPY MR1003</b>			
2.394	1.559	19	2.039	-	1/4" MBSP	12	<b>RPY MR1201</b>			
2.492	1.559	19	2.059	-	3/8" MBSP	12	<b>RPY MR1202</b>			
2.571	1.559	21	2.059	-	1/2" MBSP	12	<b>RPY MR1203</b>			
2.551	1.787	22	2.118	-	3/8" MBSP	14	<b>RPY MR1402</b>			
2.63	1.787	22	2.118	-	1/2" MBSP	14	<b>RPY MR1403</b>			
2.618	1.874	24	2.185	-	3/8" MBSP	16	<b>RPY MR1602</b>			
2.697	1.874	24	2.185	-	1/2" MBSP	16	<b>RPY MR1603</b>			

## Y MALE - METRIC TUBE TO FEMALE M5 - RPY MG


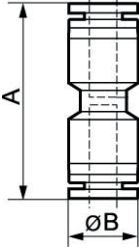
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			1.63	0.787	10	1.48	-	M5	4	<b>RPY MG04M5</b>
1.724	0.976	12	1.575	-	M5	6	<b>RPY MG06M5</b>			

Operating pressure  
0 to 145 psi


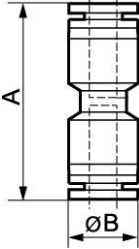
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

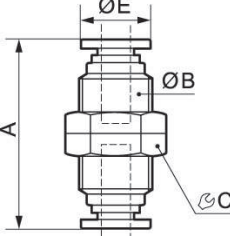
### EQUAL STRAIGHT UNION - METRIC TUBE - RPU ET

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		1.181	0.394	-	-	-	4	<b>RPU ET0404</b>
1.445	0.504	-	-	-	6	<b>RPU ET0606</b>		
1.535	0.543	-	-	-	8	<b>RPU ET0808</b>		
1.661	0.661	-	-	-	10	<b>RPU ET1010</b>		
1.744	0.78	-	-	-	12	<b>RPU ET1212</b>		
1.949	0.894	-	-	-	14	<b>RPU ET1414</b>		
1.953	0.937	-	-	-	16	<b>RPU ET1616</b>		


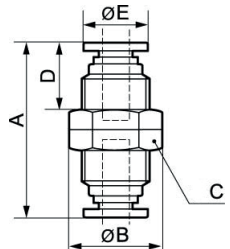
### EQUAL STRAIGHT UNION - FRACTIONAL INCH TUBE - RPU ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		1.181	0.394	-	-	-	1/8	<b>RPU ET1818</b>
1.181	0.394	-	-	-	5/32	<b>RPU ET5353</b>		
1.445	0.504	-	-	-	3/16	<b>RPU ET3131</b>		
1.445	0.504	-	-	-	1/4	<b>RPU ET4141</b>		
1.535	0.543	-	-	-	5/16	<b>RPU ET5151</b>		
1.661	0.661	-	-	-	3/8	<b>RPU ET3838</b>		
1.744	0.807	-	-	-	1/2	<b>RPU ET2121</b>		

### BULKHEAD FITTING - FRACTIONAL INCH TUBE - RPU TT


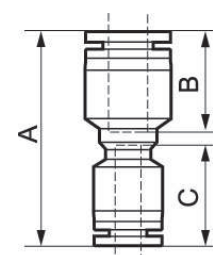
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Drill Ø (mm)	Panel thickness (in)	Part Numbers
		1.339	0.472	0.551	-	0.394	1/8	0.4	0.51	<b>RPU TT1818</b>
1.339	0.472	0.551	-	0.394	5/32	0.4	0.51	<b>RPU TT5353</b>		
1.417	0.551	0.669	-	0.504	3/16	0.5	0.59	<b>RPU TT3131</b>		
1.417	0.551	0.669	-	0.504	1/4	0.5	0.59	<b>RPU TT4141</b>		
1.555	0.63	0.748	-	0.543	5/16	0.8	0.59	<b>RPU TT5151</b>		
1.598	0.787	0.945	-	0.661	3/8	0.9	0.79	<b>RPU TT3838</b>		
1.594	0.866	1.024	-	0.807	1/2	1.0	0.79	<b>RPU TT2121</b>		

### BULKHEAD FITTING - METRIC TUCHE - RPU TT


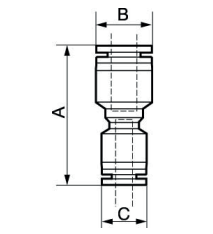
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Panel thickness (in)	Drill Ø (in)	For tube OD (mm)	Part Numbers
		1.339	0.65	14	0.512	0.394	0.51	0.5	4	<b>RPU TT0404</b>
1.417	0.787	17	0.551	0.504	0.51	0.6	6	<b>RPU TT0606</b>		
1.555	0.866	19	0.622	0.543	0.59	0.7	8	<b>RPU TT0808</b>		
1.598	1.102	24	0.65	0.661	0.59	0.8	10	<b>RPU TT1010</b>		
1.752	1.201	26	0.701	0.78	0.59	0.9	12	<b>RPU TT1212</b>		
2.047	1.28	28	0.72	0.937	0.79	1.0	16	<b>RPU TT1616</b>		

# CONEX PUSH-TO-CONNECT FITTINGS


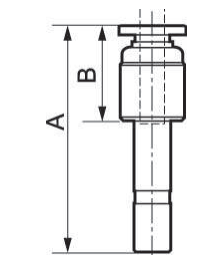
## UNEQUAL UNION - FRACTIONAL INCH TUBE - RPU IT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For tube OD (in)	Part Numbers
		1.181	0.571	0.571	-	-	5/32	1/8	<b>RPU IT5318</b>
1.303	0.63	0.61	-	-	3/16	5/32	<b>RPU IT3153</b>		
1.303	0.63	0.61	-	-	1/4	5/32	<b>RPU IT4153</b>		
1.445	0.614	0.614	-	-	1/4	3/16	<b>RPU IT4131</b>		
1.508	0.709	0.614	-	-	5/16	1/4	<b>RPU IT5141</b>		
1.618	0.76	0.709	-	-	3/8	5/16	<b>RPU IT3851</b>		
1.783	0.827	0.76	-	-	1/2	3/8	<b>RPU IT2138</b>		


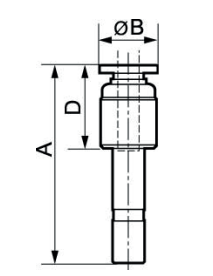
## STRAIGHT UNION FOR UNEQUAL TUBES - METRIC TUBE - RPU IT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	For tube OD (mm)	Part Numbers
		1.303	0.504	0.394	-	-	6	4	<b>RPU IT0604</b>
1.508	0.543	0.504	-	-	8	6	<b>RPU IT0806</b>		
1.618	0.661	0.543	-	-	10	8	<b>RPU IT1008</b>		
1.783	0.78	0.661	-	-	12	10	<b>RPU IT1210</b>		
1.953	0.937	0.772	-	-	16	12	<b>RPU IT1612</b>		

## REDUCER - FRACTIONAL INCH TUBE - RPR PT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For fitting ID (in)	Part Numbers
		1.457	0.61	-	-	-	5/32	1/4	<b>RPR PT4153</b>
1.457	0.61	-	-	-	5/32	5/16	<b>RPR PT5153</b>		
1.476	0.63	-	-	-	1/4	5/16	<b>RPR PT5141</b>		
1.614	0.63	-	-	-	1/4	3/8	<b>RPR PT3841</b>		
1.752	0.768	-	-	-	5/16	3/8	<b>RPR PT3851</b>		
1.457	0.63	-	-	-	1/4	1/2	<b>RPR PT2141</b>		
1.693	0.728	-	-	-	5/16	1/2	<b>RPR PT2151</b>		
1.646	0.654	-	-	-	3/8	1/2	<b>RPR PT2138</b>		

## REDUCER - METRIC TUBE - RPR PT


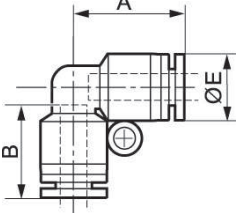
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Fitting ID (mm)	Part Numbers
		1.457	0.394	-	0.61	-	4	6	<b>RPR PT0604</b>
1.457	0.394	-	0.61	-	4	8	<b>RPR PT0804</b>		
1.476	0.504	-	0.63	-	6	8	<b>RPR PT0806</b>		
1.614	0.504	-	0.63	-	6	10	<b>RPR PT1006</b>		
1.732	0.543	-	0.748	-	8	10	<b>RPR PT1008</b>		
1.693	0.543	-	0.709	-	8	12	<b>RPR PT1208</b>		
1.673	0.661	-	0.689	-	10	12	<b>RPR PT1210</b>		

Operating pressure  
0 to 145 psi


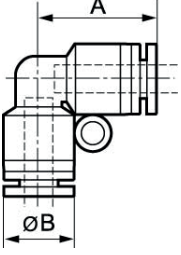
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


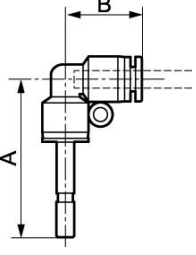
### 90° EQUAL ELBOW - FRACTIONAL INCH TUBE - RPC ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		0.689	0.61	-	-	0.394	1/8	<b>RPC ET1818</b>
0.689	0.61	-	-	0.394	5/32	<b>RPC ET5353</b>		
0.807	0.614	-	-	0.504	3/16	<b>RPC ET3131</b>		
0.807	0.614	-	-	0.504	1/4	<b>RPC ET4141</b>		
0.898	0.709	-	-	0.543	5/16	<b>RPC ET5151</b>		
1.035	0.76	-	-	0.661	3/8	<b>RPC ET3838</b>		
1.118	0.843	-	-	0.807	1/2	<b>RPC ET2121</b>		


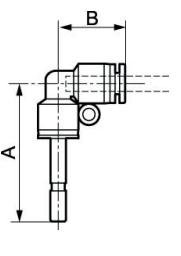
### 90° EQUAL ELBOW - METRIC TUBE - RPC ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		0.689	0.394	-	-	-	4	<b>RPC ET0404</b>
0.807	0.504	-	-	-	6	<b>RPC ET0606</b>		
0.886	0.543	-	-	-	8	<b>RPC ET0808</b>		
0.898	0.543	-	-	-	10	<b>RPC ET1010</b>		
1.063	0.661	-	-	-	12	<b>RPC ET1212</b>		
1.173	0.78	-	-	-	14	<b>RPC ET1414</b>		
1.213	0.937	-	-	-	16	<b>RPC ET1616</b>		

### 90° PLUG-IN ELBOW - FRACTIONAL INCH TUBE - RPC PT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For fitting ID (in)	Part Numbers
		1.22	0.689	-	-	-	1/8	1/8	<b>RPC PT1818</b>
1.22	0.689	-	-	-	5/32	5/32	<b>RPC PT5353</b>		
1.516	0.807	-	-	-	3/16	3/16	<b>RPC PT3131</b>		
1.516	0.807	-	-	-	1/4	1/4	<b>RPC PT4141</b>		
1.594	0.886	-	-	-	5/16	5/16	<b>RPC PT5151</b>		
1.831	1.035	-	-	-	3/8	3/8	<b>RPC PT3838</b>		
1.913	1.118	-	-	-	1/2	1/2	<b>RPC PT2121</b>		


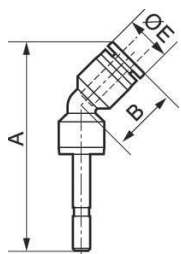
### 90° ELBOW - METRIC TUBE - RPC PT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Fitting ID (mm)	Part Numbers
		1.22	0.689	-	-	-	4	4	<b>RPC PT0404</b>
1.516	0.807	-	-	-	6	6	<b>RPC PT0606</b>		
1.594	0.886	-	-	-	8	8	<b>RPC PT0808</b>		
1.831	1.035	-	-	-	10	10	<b>RPC PT1010</b>		
1.89	1.094	-	-	-	12	12	<b>RPC PT1212</b>		
2.039	1.173	-	-	-	14	14	<b>RPC PT1414</b>		
2.126	1.213	-	-	-	16	16	<b>RPC PT1616</b>		


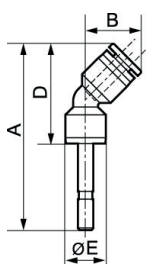


# CONEX PUSH-TO-CONNECT FITTINGS

## 45° PLUG-IN ELBOW - FRACTIONAL INCH TUBE - RPQ PT

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For fitting ID (in)	Part Numbers
			1.787	0.65	-	-	0.413	1/8	1/8	<b>RPQ PT1818</b>
1.787	0.65	-	-	0.413	5/32	5/32	<b>RPQ PT5353</b>			
2.126	0.728	-	-	0.512	3/16	3/16	<b>RPQ PT3131</b>			
2.126	0.728	-	-	0.512	1/4	1/4	<b>RPQ PT4141</b>			
2.244	0.787	-	-	0.571	5/16	5/16	<b>RPQ PT5151</b>			
2.571	0.87	-	-	0.709	3/8	3/8	<b>RPQ PT3838</b>			
2.677	0.937	-	-	0.787	1/2	1/2	<b>RPQ PT2121</b>			

## 45° PLUG-IN ELBOW - METRIC TUBE - RPQ PT

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Fitting ID (mm)	Part Numbers
			1.787	0.579	-	1.079	0.413	4	4	<b>RPQ PT0404</b>
2.126	0.65	-	1.26	0.512	6	6	<b>RPQ PT0606</b>			
2.244	0.728	-	1.378	0.571	8	8	<b>RPQ PT0808</b>			
2.571	0.827	-	1.575	0.709	10	10	<b>RPQ PT1010</b>			
2.677	0.945	-	1.693	0.787	12	12	<b>RPQ PT1212</b>			

## EQUAL Y - FRACTIONAL INCH TUBE - RPY ET


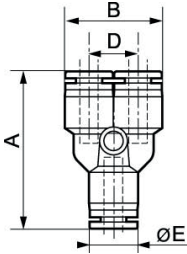
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
			1.339	0.413	-	-	0.394	1/8	<b>RPY ET1818</b>
1.339	0.413	-	-	0.394	5/32	<b>RPY ET5353</b>			
1.457	0.512	-	-	0.504	3/16	<b>RPY ET3131</b>			
1.457	0.512	-	-	0.504	1/4	<b>RPY ET4141</b>			
1.48	0.571	-	-	0.543	5/16	<b>RPY ET5151</b>			
1.992	0.709	-	-	0.661	3/8	<b>RPY ET3838</b>			
2.047	0.827	-	-	0.807	1/2	<b>RPY ET2121</b>			

Operating pressure  
0 to 145 psi


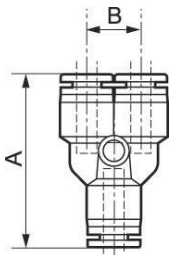
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


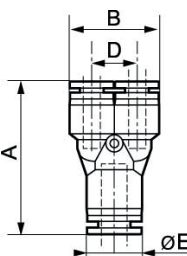
### EQUAL Y - METRIC TUBE - RPY ET

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
			1.339	0.787	-	0.413	0.394	4	<b>RPY ET0404</b>
1.457	1.008	-	0.512	0.504	6	<b>RPY ET0606</b>			
1.48	1.087	-	0.571	0.543	8	<b>RPY ET0808</b>			
1.992	1.323	-	0.709	0.661	10	<b>RPY ET1010</b>			
2.091	1.559	-	0.787	0.78	12	<b>RPY ET1212</b>			
2.15	1.787	-	0.917	0.894	14	<b>RPY ET1414</b>			
2.228	1.929	-	0.965	0.965	16	<b>RPY ET1616</b>			


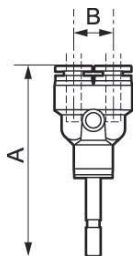
### UNEQUAL Y - FRACTIONAL INCH TUBE - RPY IT

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For tube OD (in)	Part Numbers
			1.339	0.413	-	-	-	5/32	1/8	<b>RPY IT5318</b>
1.398	0.413	-	-	-	1/4	5/32	<b>RPY IT4153</b>			
1.457	0.512	-	-	-	1/4	3/16	<b>RPY IT4131</b>			
1.398	0.413	-	-	-	3/16	5/32	<b>RPY IT3153</b>			
1.654	0.512	-	-	-	5/16	1/4	<b>RPY IT5141</b>			
1.929	0.571	-	-	-	3/8	5/16	<b>RPY IT3851</b>			
2.059	0.709	-	-	-	1/2	3/8	<b>RPY IT2138</b>			

### UNEQUAL Y - METRIC TUBE - RPY IT

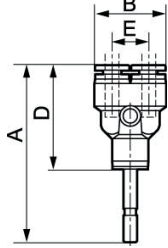
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	For tube OD (x2) (mm)	Part Numbers
			1.398	0.787	-	0.413	0.504	6	4	<b>RPY IT0604</b>
1.654	1.008	-	0.512	0.543	8	6	<b>RPY IT0806</b>			
1.953	1.087	-	0.571	0.661	10	8	<b>RPY IT1008</b>			
2.087	1.323	-	0.709	0.78	12	10	<b>RPY IT1210</b>			
2.228	1.559	-	0.965	0.965	16	12	<b>RPY IT1612</b>			

### PLUG-IN Y - FRACTIONAL INCH TUBE - RPY PT

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For fitting ID (in)	Part Numbers
			1.87	0.413	-	-	-	1/8	1/8	<b>RPY PT1818</b>
1.87	0.413	-	-	-	5/32	5/32	<b>RPY PT5353</b>			
2.165	0.512	-	-	-	3/16	3/16	<b>RPY PT3131</b>			
2.165	0.512	-	-	-	1/4	1/4	<b>RPY PT4141</b>			
2.177	0.571	-	-	-	5/16	5/16	<b>RPY PT5151</b>			
2.76	0.709	-	-	-	3/8	3/8	<b>RPY PT3838</b>			
2.862	0.839	-	-	-	1/2	1/2	<b>RPY PT2121</b>			

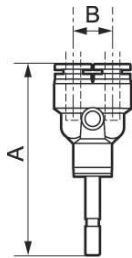
# CONEX PUSH-TO-CONNECT FITTINGS

## PLUG-IN Y - METRIC TUBE - RPY PT



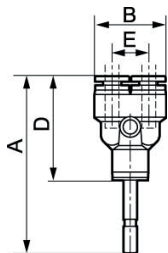
A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (x2) (mm)	Fitting ID (mm)	Part Numbers
1.909	0.787	-	1.22	0.413	4	4	<b>RPY PT0404</b>
2.165	1.008	-	1.299	0.512	6	6	<b>RPY PT0606</b>
2.177	1.087	-	1.319	0.571	8	8	<b>RPY PT0808</b>
2.787	1.323	-	1.791	0.709	10	10	<b>RPY PT1010</b>
2.886	1.559	-	1.89	0.787	12	12	<b>RPY PT1212</b>
2.984	1.787	-	1.929	0.917	14	14	<b>RPY PT1414</b>
3.11	1.874	-	2.008	0.965	16	16	<b>RPY PT1616</b>

## UNEQUAL PLUG-IN Y - FRACTIONAL INCH TUBE - RPY PT



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For fitting ID (in)	Part Numbers
1.87	0.413	-	-	-	1/8	5/32	<b>RPY PT5318</b>
2.083	0.413	-	-	-	5/32	1/4	<b>RPY PT4153</b>
2.311	0.512	-	-	-	1/4	5/16	<b>RPY PT5141</b>
2.709	0.571	-	-	-	5/16	3/8	<b>RPY PT3851</b>
2.819	0.709	-	-	-	3/8	1/2	<b>RPY PT2138</b>

## UNEQUAL PLUG IN Y - METRIC TUBE - RPY PT




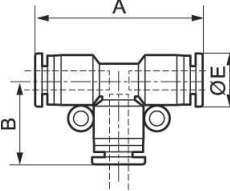
A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (x2) (mm)	Fitting ID (mm)	Part Numbers
2.067	0.787	-	1.22	0.413	4	6	<b>RPY PT0604</b>
2.165	1.008	-	1.319	0.512	6	8	<b>RPY PT0806</b>
2.362	1.087	-	1.378	0.571	8	10	<b>RPY PT1008</b>
2.787	1.323	-	1.791	0.709	10	12	<b>RPY PT1210</b>

Operating pressure  
0 to 145 psi


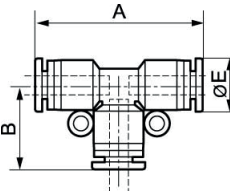
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


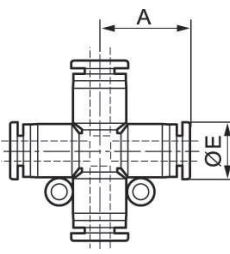
### EQUAL UNION TEE - FRACTIONAL INCH TUBE - RPT ET

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
			1.378	0.689	-	-	0.394	1/8	<b>RPT ET1818</b>
1.378	0.689	-	-	0.394	5/32	<b>RPT ET5353</b>			
1.575	0.787	-	-	0.504	3/16	<b>RPT ET3131</b>			
1.575	0.787	-	-	0.504	1/4	<b>RPT ET4141</b>			
1.795	0.898	-	-	0.543	5/16	<b>RPT ET5151</b>			
2.016	1.008	-	-	0.661	3/8	<b>RPT ET3838</b>			
2.236	1.118	-	-	0.807	1/2	<b>RPT ET2121</b>			

### EQUAL UNION TEE - METRIC TUBE - RPT ET


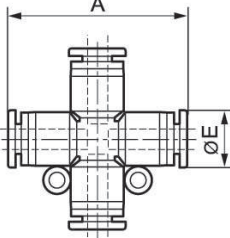
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
			1.378	0.689	-	-	0.394	4	<b>RPT ET0404</b>
1.575	0.787	-	-	0.504	6	<b>RPT ET0606</b>			
1.795	0.898	-	-	0.543	8	<b>RPT ET0808</b>			
2.126	1.063	-	-	0.661	10	<b>RPT ET1010</b>			
2.189	1.094	-	-	0.78	12	<b>RPT ET1212</b>			
2.441	1.22	-	-	0.894	14	<b>RPT ET1414</b>			
2.52	1.26	-	-	0.937	16	<b>RPT ET1616</b>			

### EQUAL CROSS - FRACTIONAL INCH TUBE - RPX ET


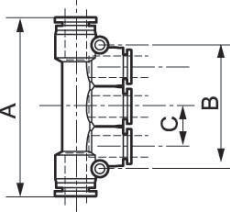
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
			0.697	-	-	-	0.394	1/8	<b>RPX ET1818</b>
0.697	-	-	-	0.394	5/32	<b>RPX ET5353</b>			
0.807	-	-	-	0.504	3/16	<b>RPX ET3131</b>			
0.807	-	-	-	0.504	1/4	<b>RPX ET4141</b>			
0.898	-	-	-	0.543	5/16	<b>RPX ET5151</b>			
1.035	-	-	-	0.661	3/8	<b>RPX ET3838</b>			
1.142	-	-	-	0.807	1/2	<b>RPX ET2121</b>			

# CONEX PUSH-TO-CONNECT FITTINGS


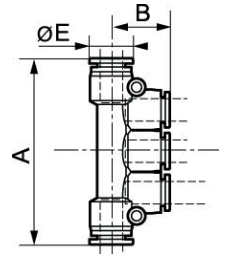
## EQUAL CROSS - METRIC TUBE - RPX ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		1.394	-	-	-	0.394	4	<b>RPX ET0404</b>
1.614	-	-	-	0.504	6	<b>RPX ET0606</b>		
1.795	-	-	-	0.543	8	<b>RPX ET0808</b>		
2.071	-	-	-	0.661	10	<b>RPX ET1010</b>		
2.307	-	-	-	0.78	12	<b>RPX ET1212</b>		

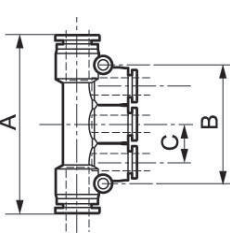
## EQUAL MULTIPLE TEE - FRACTIONAL INCH TUBE - RPN ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		2.323	1.591	0.512	-	-	5/32	<b>RPN ET5353</b>
2.382	1.591	0.512	-	-	3/16	<b>RPN ET3131</b>		
2.382	1.591	0.512	-	-	1/4	<b>RPN ET4141</b>		
3.134	1.591	0.571	-	-	5/16	<b>RPN ET5151</b>		

## EQUAL MULTIPLE TEE - METRIC TUBE - RPN ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		2.323	0.768	-	-	0.394	4	<b>RPN ET0404</b>
2.382	0.768	-	-	0.504	6	<b>RPN ET0606</b>		
3.134	0.945	-	-	0.543	8	<b>RPN ET0808</b>		

## UNEQUAL MULTIPLE TEE - FRACTIONAL INCH TUBE - RPN IT


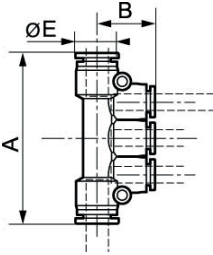
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For tube OD (in)	Part Numbers
		2.37	1.591	0.512	-	-	3/16	5/32	<b>RPN IT3153</b>
2.37	1.591	0.512	-	-	1/4	5/32	<b>RPN IT4153</b>		
2.394	1.591	0.512	-	-	5/16	5/32	<b>RPN IT5153</b>		
2.394	1.591	0.512	-	-	5/32	3/16	<b>RPN IT5131</b>		
2.394	1.591	0.512	-	-	5/16	1/4	<b>RPN IT5141</b>		
3.189	1.85	0.571	-	-	3/8	1/4	<b>RPN IT3841</b>		
3.189	1.85	0.571	-	-	3/8	5/16	<b>RPN IT3851</b>		

Operating pressure  
0 to 145 psi

Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


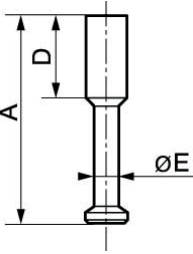
### UNEQUAL MULTIPLE TEE - METRIC TUBE - RPN IT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (x2) (mm)	For tube OD (x3) (mm)	Part Numbers
		2.37	0.768	-	-	0.504	6	4	<b>RPN IT0604</b>
2.394	0.768	-	-	0.543	8	4	<b>RPN IT0804</b>		
2.394	0.768	-	-	0.543	8	6	<b>RPN IT0806</b>		
3.189	0.906	-	-	0.661	10	6	<b>RPN IT1006</b>		
3.189	0.945	-	-	0.661	10	8	<b>RPN IT1008</b>		


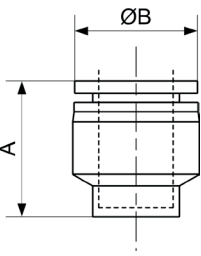
### PLUG - FRACTIONAL INCH TUBE - RPH PT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For fitting ID (in)	Part Numbers
		1.181	0.61	0.079	0.197	-	1/8	<b>RPH PT1818</b>
1.181	0.61	0.079	0.197	-	5/32	<b>RPH PT5353</b>		
1.26	0.65	0.098	0.236	-	3/16	<b>RPH PT3131</b>		
1.299	0.709	0.118	0.268	-	1/4	<b>RPH PT4141</b>		
1.441	0.728	0.154	0.354	-	5/16	<b>RPH PT5151</b>		
1.626	0.807	0.189	0.413	-	3/8	<b>RPH PT3838</b>		
1.709	0.906	0.228	0.52	-	1/2	<b>RPH PT2121</b>		

### PLUG - METRIC TUBE - RPH PT

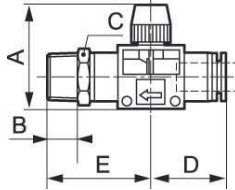
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For fitting ID (mm)	Part Numbers
		1.181	-	-	0.61	0.079	4	<b>RPH PT0404</b>
1.339	-	-	0.709	0.118	6	<b>RPH PT0606</b>		
1.457	-	-	0.728	0.157	8	<b>RPH PT0808</b>		
1.555	-	-	0.807	0.197	10	<b>RPH PT1010</b>		
1.732	-	-	0.906	0.236	12	<b>RPH PT1212</b>		

### HOSE PLUG - FRACTIONAL INCH TUBE - RPH EE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		0.61	0.394	-	-	-	1/8	<b>RPH EE1818</b>
0.61	0.394	-	-	-	5/32	<b>RPH EE5353</b>		
0.614	0.504	-	-	-	3/16	<b>RPH EE3131</b>		
0.709	0.504	-	-	-	1/4	<b>RPH EE4141</b>		
0.709	0.543	-	-	-	5/16	<b>RPH EE5151</b>		
0.76	0.661	-	-	-	3/8	<b>RPH EE3838</b>		
0.827	0.807	-	-	-	1/2	<b>RPH EE2121</b>		

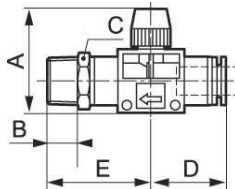
# CONEX PUSH-TO CONNECT FITTINGS MICRO PRESSURE REGULATING VALVES

## TUBE/MALE THREAD VALVE THREE WAYS - INLET TUBE/OUTLET MALE MNPT - RPS PR



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
1.587	0.295	9/16	1.004	1.299	1/8" MNPT	1/4	<b>RPS PR4120</b>
1.587	0.354	9/16	1.004	1.417	1/4" MNPT	1/4	<b>RPS PR4121</b>
1.587	0.433	11/16	1.004	1.437	3/8" MNPT	1/4	<b>RPS PR4122</b>
1.587	0.295	9/16	1.016	1.299	1/8" MNPT	5/16	<b>RPS PR5120</b>
1.587	0.354	9/16	1.016	1.339	1/4" MNPT	5/16	<b>RPS PR5121</b>
1.587	0.433	11/16	1.016	1.437	3/8" MNPT	5/16	<b>RPS PR5122</b>
1.752	0.354	11/16	1.224	1.634	1/4" MNPT	3/8	<b>RPS PR3821</b>
1.752	0.433	11/16	1.224	1.693	3/8" MNPT	3/8	<b>RPS PR3822</b>
1.752	0.433	7/8	1.252	1.693	3/8" MNPT	1/2	<b>RPS PR2122</b>
1.752	0.472	7/8	1.252	1.831	1/2" MNPT	1/2	<b>RPS PR2123</b>

## TUBE/MALE THREAD VALVE THREE WAYS - INLET TUBE/OUTLET MALE BSPT - RPS PR



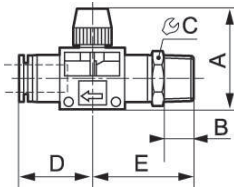
A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
1.587	0.295	14	1.004	1.004	1/8" MBSP	6	<b>RPS PR0600</b>
1.587	0.354	14	1.004	1.004	1/4" MBSP	6	<b>RPS PR0601</b>
1.587	0.433	17	1.004	1.004	3/8" MBSP	6	<b>RPS PR0602</b>
1.587	0.295	14	1.016	1.016	1/8" MBSP	8	<b>RPS PR0800</b>
1.587	0.354	14	1.016	1.016	1/4" MBSP	8	<b>RPS PR0801</b>
1.587	0.433	17	1.016	1.016	3/8" MBSP	8	<b>RPS PR0802</b>
1.752	0.354	19	1.224	1.224	1/4" MBSP	10	<b>RPS PR1001</b>
1.752	0.433	19	1.224	1.224	3/8" MBSP	10	<b>RPS PR1002</b>
1.752	0.512	21	1.224	1.224	1/2" MBSP	10	<b>RPS PR1003</b>
1.752	0.354	19	1.252	1.252	1/4" MBSP	12	<b>RPS PR1201</b>
1.752	0.433	19	1.252	1.252	3/8" MBSP	12	<b>RPS PR1202</b>
1.752	0.512	21	1.252	1.252	1/2" MBSP	12	<b>RPS PR1203</b>

Operating pressure  
0 to 145 psi

Temperature  
+32°F to +140°F

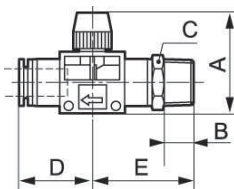
Construction  
Polymer and  
nickel-plated  
brass

**MALE THREAD/TUBE VALVE THREE WAYS - INLET MALE NPT/OUTLET FRACTIONAL INCH TUBE - RPS TR**



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
1.587	0.295	9/16	1.004	1.299	1/4" MNPT	1/8	<b>RPS TR4120</b>
1.587	0.354	9/16	1.004	1.417	1/4" MNPT	1/4	<b>RPS TR4121</b>
1.587	0.433	11/16	1.004	1.437	1/4" MNPT	3/8	<b>RPS TR4122</b>
1.587	0.295	9/16	1.016	1.299	5/16" MNPT	1/8	<b>RPS TR5120</b>
1.587	0.354	9/16	1.016	1.339	5/16" MNPT	1/4	<b>RPS TR5121</b>
1.587	0.433	11/16	1.016	1.437	5/16" MNPT	3/8	<b>RPS TR5122</b>
1.752	0.354	11/16	1.224	1.634	1/4" MNPT	3/8	<b>RPS TR3821</b>
1.752	0.433	11/16	1.224	1.693	3/8" MNPT	3/8	<b>RPS TR3822</b>
1.752	0.433	7/8	1.252	1.693	1/2" MNPT	3/8	<b>RPS TR2122</b>
1.752	0.472	7/8	1.252	1.831	1/2" MNPT	1/2	<b>RPS TR2123</b>

**MALE THREAD/TUBE VALVE THREE WAYS - INLET MALE BSPT/OUTLET METRIC TUBE - RPS TR**


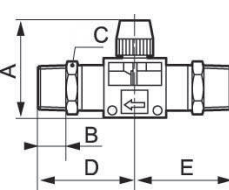


A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
1.587	0.295	14	1.004	1.28	1/8" MBSP	6	<b>RPS TR0600</b>
1.587	0.354	14	1.004	1.339	1/4" MBSP	6	<b>RPS TR0601</b>
1.587	0.433	17	1.004	1.398	3/8" MBSP	6	<b>RPS TR0602</b>
1.587	0.295	14	1.016	1.28	1/8" MBSP	8	<b>RPS TR0800</b>
1.587	0.354	14	1.016	1.339	1/4" MBSP	8	<b>RPS TR0801</b>
1.587	0.433	17	1.016	1.398	3/8" MBSP	8	<b>RPS TR0802</b>
1.752	0.354	19	1.224	1.555	1/4" MBSP	10	<b>RPS TR1001</b>
1.752	0.433	19	1.224	1.654	3/8" MBSP	10	<b>RPS TR1002</b>
1.752	0.512	21	1.224	1.732	1/2" MBSP	10	<b>RPS TR1003</b>
1.752	0.354	19	1.252	1.555	1/4" MBSP	12	<b>RPS TR1201</b>
1.752	0.433	19	1.252	1.654	3/8" MBSP	12	<b>RPS TR1202</b>
1.752	0.512	21	1.252	1.732	1/2" MBSP	12	<b>RPS TR1203</b>


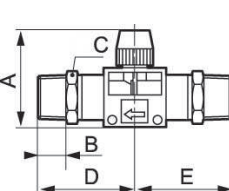


# CONEX PUSH-TO CONNECT FITTINGS MICRO PRESSURE REGULATING VALVES

## MALE THREAD VALVE THREE WAYS - INLET MALE NPT/OUTLET MALE NPT - RPS DR

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	NPT male thread	Part Numbers
		1.587	0.315	9/16	1.299	1.299	1/8" MNPT	1/8" MNPT	<b>RPS DR2020</b>
		1.587	0.433	9/16	1.417	1.299	1/4" MNPT	1/8" MNPT	<b>RPS DR2120</b>
		1.587	0.433	9/16	1.417	1.417	1/4" MNPT	1/4" MNPT	<b>RPS DR2121</b>
		1.752	0.472	11/16	1.693	1.634	3/8" MNPT	1/4" MNPT	<b>RPS DR2221</b>
		1.752	0.472	11/16	1.693	1.693	3/8" MNPT	3/8" MNPT	<b>RPS DR2222</b>
		1.752	0.591	7/8	1.831	1.693	1/2" MNPT	3/8" MNPT	<b>RPS DR2322</b>
		1.752	0.591	7/8	1.831	1.831	1/2" MNPT	1/2" MNPT	<b>RPS DR2323</b>

## MALE THREAD VALVE THREE WAYS - INLET MALE BSPT/OUTLET MALE BSPT - RPS DR


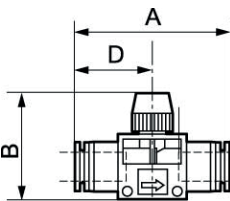
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	BSPT male thread	Part Numbers
		1.587	0.295	14	1.28	1.28	1/8" MBSP	1/8" MBSP	<b>RPS DR0000</b>
		1.587	0.354	14	1.339	13.091	1/4" MBSP	1/8" MBSP	<b>RPS DR0100</b>
		1.587	0.354	14	1.339	1.339	1/4" MBSP	1/4" MBSP	<b>RPS DR0101</b>
		1.752	0.433	17	1.654	1.555	3/8" MBSP	1/4" MBSP	<b>RPS DR0201</b>
		1.752	0.433	17	1.654	1.654	3/8" MBSP	1/8" MBSP	<b>RPS DR0202</b>
		1.752	0.512	21	1.732	1.654	1/2" MBSP	3/8" MBSP	<b>RPS DR0302</b>
		1.752	0.512	21	1.732	1.732	1/2" MBSP	1/2" MBSP	<b>RPS DR0303</b>

Operating pressure  
0 to 145 psi


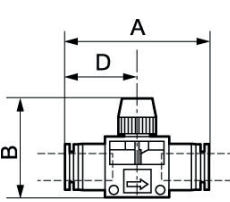
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

**EQUAL VALVE THREE WAYS FOR TUBE - METRIC TUBE TO TUBE - RPS ET**

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		2.008	1.587	-	1.004	-	6	<b>RPS ET0606</b>
		2.031	1.587	-	1.016	-	8	<b>RPS ET0808</b>
		2.449	1.752	-	1.224	-	10	<b>RPS ET1010</b>
		2.504	1.752	-	1.252	-	12	<b>RPS ET1212</b>

**UNEQUAL VALVE THREE WAYS - FRACTIONAL INCH TUBE TO TUBE - RPS IT**

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	For tube OD (in)	Part Numbers
		2.02	1.587	-	1.004	-	5/16	1/4	<b>RPS IT5141</b>
		2.476	1.752	-	1.224	-	1/2	3/8	<b>RPS IT2138</b>


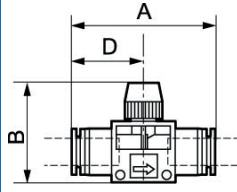
# CONEX PUSH-TO CONNECT FITTINGS MICRO PRESSURE REGULATING VALVES

Operating  
pressure  
0 to 145 psi


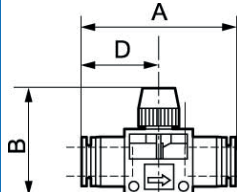
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

## UNEQUAL VALVE THREE WAYS - METRIC TUBE TO TUBE - RPS IT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	For tube OD (mm)	Part Numbers
		2.02	1.587	-	1.016	-	8	6	<b>RPS IT0806</b>
		2.476	1.752	-	1.252	-	12	10	<b>RPS IT1210</b>

## EQUAL VALVE THREE WAYS - FRACTIONAL INCH TUBE TO TUBE - RPS ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		2.008	1.587	-	1.004	-	1/4	<b>RPS ET4141</b>
		2.031	1.587	-	1.016	-	5/16	<b>RPS ET5151</b>
		2.449	1.752	-	1.224	-	3/8	<b>RPS ET3838</b>
		2.504	1.752	-	1.252	-	1/2	<b>RPS ET2121</b>

# CONEX PUSH-TO CONNECT FITTINGS FLOW REGULATORS

Operating pressure  
0 to 145 psi

Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

## MALE FLOW REGULATOR WITH KNOB (CONTROL IN) - FRACTIONAL INCH TUBE TO 10-32 UNF - RPM IG


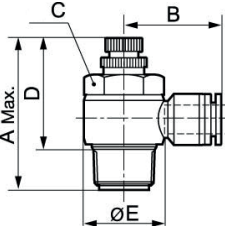
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.776	0.157	5/16	0.362	0.394	10-32 UNF	1/8	<b>RPM IG1826</b>
		0.776	0.157	5/16	0.362	0.394	10-32 UNF	5/32	<b>RPM IG5326</b>
		0.886	0.157	5/16	0.362	0.504	10-32 UNF	3/16	<b>RPM IG3126</b>
		0.886	0.157	1	0.362	0.504	10-32 UNF	1/4	<b>RPM IG4126</b>

## MALE FLOW REGULATOR WITH KNOB (CONTROL IN) - FRACTIONAL INCH TUBE TO MALE NPT - RPM IR


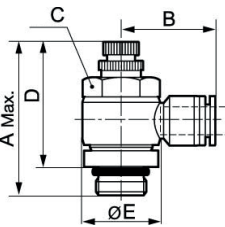
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		0.858	0.315	1/2	0.472	0.394	1/8" MNPT	1/8	<b>RPM IR1820</b>
		0.858	0.315	1/2	0.472	0.394	1/8" MNPT	5/32	<b>RPM IR5320</b>
		0.906	0.315	1/2	0.472	0.504	1/8" MNPT	3/16	<b>RPM IR3120</b>
		1.004	0.433	9/16	0.472	0.504	1/4" MNPT	3/16	<b>RPM IR3121</b>
		1.067	0.472	3/4	0.606	0.504	3/8" MNPT	3/16	<b>RPM IR3122</b>
		0.906	0.315	1/2	0.472	0.504	1/8" MNPT	1/4	<b>RPM IR4120</b>
		1.004	0.433	9/16	0.472	0.504	1/4" MNPT	1/4	<b>RPM IR4121</b>
		1.067	0.472	3/4	0.606	0.504	3/8" MNPT	1/4	<b>RPM IR4122</b>
		0.969	0.315	1/2	0.472	0.543	1/8" MNPT	5/16	<b>RPM IR5120</b>
		1.055	0.433	9/16	0.472	0.543	1/4" MNPT	5/16	<b>RPM IR5121</b>
		1.134	0.472	3/4	0.606	0.543	3/8" MNPT	5/16	<b>RPM IR5122</b>
		1.201	0.591	1	0.689	0.543	1/2" MNPT	5/16	<b>RPM IR5123</b>
		1.22	0.433	9/16	0.472	0.661	1/4" MNPT	3/8	<b>RPM IR3821</b>
		1.22	0.472	3/4	0.606	0.661	3/8" MNPT	3/8	<b>RPM IR3822</b>
		1.339	0.591	1	0.689	0.661	1/2" MNPT	3/8	<b>RPM IR3823</b>
		1.307	0.472	3/4	0.606	0.807	3/8" MNPT	1/2	<b>RPM IR2122</b>
1.386	0.591	1	0.689	0.807	1/2" MNPT	1/2	<b>RPM IR2123</b>		

# CONEX PUSH-TO CONNECT FITTINGS FLOW REGULATORS

## MALE FLOW REGULATOR WITH KNOB (CONTROL IN) - METRIC TUBE TO MALE BSPT - RPM IR

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.654	0.866	10	1.299	0.551	1/8" MBSP	4	<b>RPM IR0400</b>
1.929	0.945	14	1.575	0.717	1/4" MBSP	4	<b>RPM IR0401</b>			
1.614	0.906	10	1.319	0.571	1/8" MBSP	6	<b>RPM IR0600</b>			
1.929	1.004	14	1.575	0.717	1/4" MBSP	6	<b>RPM IR0601</b>			
2.283	1.067	19	1.85	0.866	3/8" MBSP	6	<b>RPM IR0602</b>			
2.48	1.185	24	1.969	1.079	1/2" MBSP	6	<b>RPM IR0603</b>			
1.614	0.969	10	1.319	0.571	1/8" MBSP	8	<b>RPM IR0800</b>			
1.929	1.055	14	1.575	0.717	1/4" MBSP	8	<b>RPM IR0801</b>			
2.283	1.134	19	1.85	0.866	3/8" MBSP	8	<b>RPM IR0802</b>			
2.48	1.201	24	1.969	1.079	1/2" MBSP	8	<b>RPM IR0803</b>			
1.614	1.122	10	1.319	0.571	1/8" MBSP	10	<b>RPM IR1000</b>			
1.929	1.22	14	1.575	0.717	1/4" MBSP	10	<b>RPM IR1001</b>			
2.283	1.22	19	1.85	0.866	3/8" MBSP	10	<b>RPM IR1002</b>			
2.48	1.339	24	1.969	1.079	1/2" MBSP	10	<b>RPM IR1003</b>			
1.929	1.252	14	1.575	0.717	1/4" MBSP	12	<b>RPM IR1201</b>			
2.283	1.339	19	1.85	0.866	3/8" MBSP	12	<b>RPM IR1202</b>			
2.48	1.409	24	1.969	1.079	1/2" MBSP	12	<b>RPM IR1203</b>			

## MALE FLOW REGULATOR WITH KNOB (CONTROL OUT) - 10-32 UNF TO FRACTIONAL INCH TUBE - RPM OG


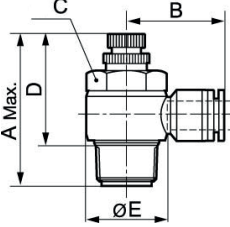
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD	Part Numbers
			0.776	0.157	5/16	0.362	0.394	10-32 UNF	1/8	<b>RPM OG1826</b>
0.776	0.157	5/16	0.362	0.394	10-32 UNF	5/32	<b>RPM OG5326</b>			
0.886	0.157	5/16	0.362	0.504	10-32 UNF	3/16	<b>RPM OG3126</b>			
0.886	0.157	1	0.362	0.504	10-32 UNF	1/4	<b>RPM OG4126</b>			

Operating pressure  
0 to 145 psi


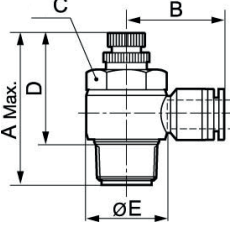
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

**MALE FLOW REGULATOR WITH KNOB (CONTROL OUT) - MALE NPT TO FRACTIONAL INCH TUBE - RPM OR**

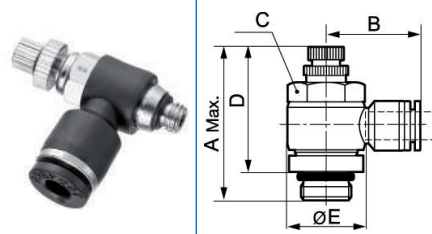
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
			0.858	0.315	1/2	0.472	0.394	1/8" MNPT	1/8	<b>RPM OR1820</b>
0.858	0.315	1/2	0.472	0.394	1/8" MNPT	5/32	<b>RPM OR5320</b>			
0.906	0.315	1/2	0.472	0.504	1/8" MNPT	3/16	<b>RPM OR3120</b>			
1.004	0.433	9/16	0.472	0.504	1/4" MNPT	3/16	<b>RPM OR3121</b>			
1.067	0.472	3/4	0.606	0.504	3/8" MNPT	3/16	<b>RPM OR3122</b>			
0.906	0.315	1/2	0.472	0.504	1/8" MNPT	1/4	<b>RPM OR4120</b>			
1.004	0.433	9/16	0.472	0.504	1/4" MNPT	1/4	<b>RPM OR4121</b>			
1.067	0.472	3/4	0.606	0.504	3/8" MNPT	1/4	<b>RPM OR4122</b>			
0.969	0.315	1/2	0.472	0.543	1/8" MNPT	5/16	<b>RPM OR5120</b>			
1.055	0.433	9/16	0.472	0.543	1/4" MNPT	5/16	<b>RPM OR5121</b>			
1.134	0.472	3/4	0.606	0.543	3/8" MNPT	5/16	<b>RPM OR5122</b>			
1.201	0.591	1	0.689	0.543	1/2" MNPT	5/16	<b>RPM OR5123</b>			
1.22	0.433	9/16	0.472	0.661	1/4" MNPT	3/8	<b>RPM OR3821</b>			
1.22	0.472	3/4	0.606	0.661	3/8" MNPT	3/8	<b>RPM OR3822</b>			
1.339	0.591	1	0.689	0.661	1/2" MNPT	3/8	<b>RPM OR3823</b>			
1.307	0.472	3/4	0.606	0.807	3/8" MNPT	1/2	<b>RPM OR2122</b>			
1.386	0.591	1	0.689	0.807	1/2" MNPT	1/2	<b>RPM OR2123</b>			

**MALE FLOW REGULATOR WITH KNOB (CONTROL OUT) - MALE BSPT TO METRIC TUBE - RPM OR**

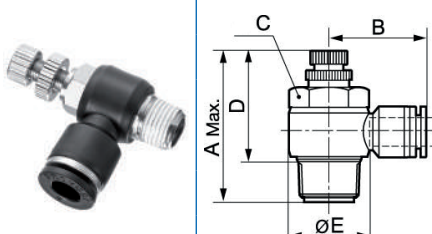
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.535	0.858	10	1.24	0.571	1/8" MBSP	4	<b>RPM OR0400</b>
1.969	0.945	14	1.614	0.717	1/4" MBSP	4	<b>RPM OR0401</b>			
1.535	0.906	10	1.24	0.571	1/8" MBSP	6	<b>RPM OR0600</b>			
1.969	1.004	14	1.614	0.717	1/4" MBSP	6	<b>RPM OR0601</b>			
2.323	1.067	19	1.89	0.866	3/8" MBSP	6	<b>RPM OR0602</b>			
2.48	1.185	24	1.969	1.079	1/2" MBSP	6	<b>RPM OR0603</b>			
1.535	0.969	10	1.24	0.571	1/8" MBSP	8	<b>RPM OR0800</b>			
1.969	1.055	14	1.614	0.717	1/4" MBSP	8	<b>RPM OR0801</b>			
2.323	1.134	19	1.89	0.866	3/8" MBSP	8	<b>RPM OR0802</b>			
2.48	1.201	24	1.969	1.079	1/2" MBSP	8	<b>RPM OR0803</b>			
1.535	1.122	10	1.24	0.571	1/8" MBSP	10	<b>RPM OR1000</b>			
1.969	1.22	14	1.614	0.717	1/4" MBSP	10	<b>RPM OR1001</b>			
2.323	1.22	19	1.89	0.866	3/8" MBSP	10	<b>RPM OR1002</b>			
2.48	1.339	24	1.969	1.079	1/2" MBSP	10	<b>RPM OR1003</b>			
1.969	1.252	14	1.614	0.717	1/4" MBSP	12	<b>RPM OR1201</b>			
2.323	1.339	19	1.89	0.571	3/8" MBSP	12	<b>RPM OR1202</b>			
2.48	1.409	24	1.969	1.079	1/2" MBSP	12	<b>RPM OR1203</b>			

# CONEX PUSH-TO CONNECT FITTINGS FLOW REGULATORS

## MALE FLOW REGULATOR WITH KNOB (BI-DIRECTIONAL) - FRACTIONAL INCH TO 10-32 UNF - RPM BG

	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
	0.776	0.157	5/16	0.362	0.394	10-32 UNF	1/8	<b>RPM BG1826</b>
	0.776	0.157	5/16	0.362	0.394	10-32 UNF	5/32	<b>RPM BG5326</b>
	0.886	0.157	5/16	0.362	0.504	10-32 UNF	3/16	<b>RPM BG3126</b>
	0.886	0.157	1	0.362	0.504	10-32 UNF	1/4	<b>RPM BG4126</b>

## MALE FLOW REGULATOR WITH KNOB (BI-DIRECTIONAL) - FRACTIONAL INCH TUBE TO MALE NPT - RPM BR


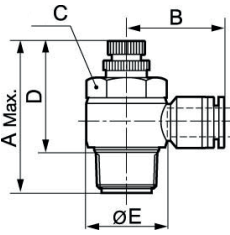
	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
	0.858	0.315	1/2	0.472	0.394	1/8" MNPT	1/8	<b>RPM BR1820</b>
	0.858	0.315	1/2	0.472	0.394	1/8" MNPT	5/32	<b>RPM BR5320</b>
	0.906	0.315	1/2	0.472	0.504	1/8" MNPT	3/16	<b>RPM BR3120</b>
	1.004	0.433	9/16	0.472	0.504	1/4" MNPT	3/16	<b>RPM BR3121</b>
	1.067	0.472	3/4	0.606	0.504	3/8" MNPT	3/16	<b>RPM BR3122</b>
	0.906	0.315	1/2	0.472	0.504	1/8" MNPT	1/4	<b>RPM BR4120</b>
	1.004	0.433	9/16	0.472	0.504	1/4" MNPT	1/4	<b>RPM BR4121</b>
	1.067	0.472	3/4	0.606	0.504	3/8" MNPT	1/4	<b>RPM BR4122</b>
	0.969	0.315	1/2	0.472	0.543	1/8" MNPT	5/16	<b>RPM BR5120</b>
	1.055	0.433	9/16	0.472	0.543	1/4" MNPT	5/16	<b>RPM BR5121</b>
	1.134	0.472	3/4	0.606	0.543	3/8" MNPT	5/16	<b>RPM BR5122</b>
	1.201	0.591	1	0.689	0.543	1/2" MNPT	5/16	<b>RPM BR5123</b>
	1.22	0.433	9/16	0.472	0.661	1/4" MNPT	3/8	<b>RPM BR3821</b>
	1.22	0.472	3/4	0.606	0.661	3/8" MNPT	3/8	<b>RPM BR3822</b>
	1.339	0.591	1	0.689	0.661	1/2" MNPT	3/8	<b>RPM BR3823</b>
	1.307	0.472	3/4	0.606	0.807	3/8" MNPT	1/2	<b>RPM BR2122</b>
	1.386	0.591	1	0.689	0.807	1/2" MNPT	1/2	<b>RPM BR2123</b>

Operating pressure  
0 to 145 psi


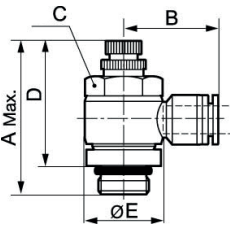
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

**MALE FLOW REGULATOR WITH KNOB (BI-DIRECTIONAL) - METRIC TUBE TO MALE BSPT - RPM BR**

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.654	0.858	10	1.358	0.571	1/8" MBSP	4	<b>RPM BR0400</b>
1.811	0.945	14	1.457	0.717	1/4" MBSP	4	<b>RPM BR0401</b>			
1.654	0.906	10	1.358	0.571	1/8" MBSP	6	<b>RPM BR0600</b>			
1.811	1.004	14	1.457	0.717	1/4" MBSP	6	<b>RPM BR0601</b>			
2.185	1.067	19	1.752	0.866	3/8" MBSP	6	<b>RPM BR0602</b>			
2.421	1.185	24	1.909	1.079	1/2" MBSP	6	<b>RPM BR0603</b>			
1.654	0.969	10	1.358	0.571	1/8" MBSP	8	<b>RPM BR0800</b>			
1.811	1.055	14	1.457	0.717	1/4" MBSP	8	<b>RPM BR0801</b>			
2.185	1.134	19	1.752	0.866	3/8" MBSP	8	<b>RPM BR0802</b>			
2.421	1.201	24	1.909	1.079	1/2" MBSP	8	<b>RPM BR0803</b>			
1.654	1.122	10	1.358	0.571	1/8" MBSP	10	<b>RPM BR1000</b>			
1.811	1.22	14	1.457	0.717	1/4" MBSP	10	<b>RPM BR1001</b>			
2.185	1.22	19	1.752	0.866	3/8" MBSP	10	<b>RPM BR1002</b>			
2.421	1.339	24	1.909	1.079	1/2" MBSP	10	<b>RPM BR1003</b>			
1.811	1.252	14	1.457	0.717	1/4" MBSP	12	<b>RPM BR1201</b>			
2.185	1.339	19	1.752	0.866	3/8" MBSP	12	<b>RPM BR1202</b>			
2.421	1.409	24	1.909	1.079	1/2" MBSP	12	<b>RPM BR1203</b>			


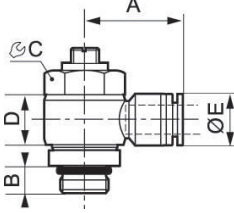
**MALE FLOW REGULATOR WITH KNOB (BI-DIRECTIONAL) - METRIC TUBE TO M5 - RPM BG**

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
			1.26	0.776	8	1.102	0.394	M5	4	<b>RPM BG04M5</b>
1.26	0.886	8	1.102	0.394	M5	6	<b>RPM BG06M5</b>			


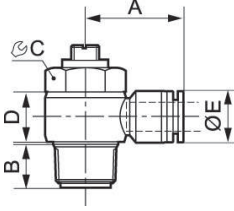


# CONEX PUSH-TO CONNECT FITTINGS FLOW REGULATORS

## MALE FLOW REGULATOR WITH ADJUSTING SCREW (CONTROL IN) - FRACTIONAL INCH TUBE TO 10-32 UNF - RPV IG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.776	0.157	5/16	0.362	0.394	10-32 UNF	1/8	<b>RPV IG1826</b>
		0.776	0.157	5/16	0.362	0.394	10-32 UNF	5/32	<b>RPV IG5326</b>
		0.886	0.157	5/16	0.362	0.504	10-32 UNF	3/16	<b>RPV IG3126</b>
		0.886	0.157	1	0.362	0.504	10-32 UNF	1/4	<b>RPV IG4126</b>

## MALE FLOW REGULATOR WITH ADJUSTING SCREW (CONTROL IN) - FRACTIONAL INCH TUBE TO MALE NPT - RPV IR

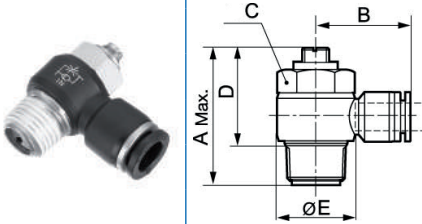
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		0.858	0.315	1/2	0.472	0.394	1/8" MNPT	1/8	<b>RPV IR1820</b>
		0.858	0.315	1/2	0.472	0.394	1/8" MNPT	5/32	<b>RPV IR5320</b>
		0.906	0.315	1/2	0.472	0.504	1/8" MNPT	3/16	<b>RPV IR3120</b>
		1.004	0.433	9/16	0.472	0.504	1/4" MNPT	3/16	<b>RPV IR3121</b>
		1.067	0.472	3/4	0.606	0.504	3/8" MNPT	3/16	<b>RPV IR3122</b>
		0.906	0.315	1/2	0.472	0.504	1/8" MNPT	1/4	<b>RPV IR4120</b>
		1.004	0.433	9/16	0.472	0.504	1/4" MNPT	1/4	<b>RPV IR4121</b>
		1.067	0.472	3/4	0.606	0.504	3/8" MNPT	1/4	<b>RPV IR4122</b>
		0.969	0.315	1/2	0.472	0.543	1/8" MNPT	5/16	<b>RPV IR5120</b>
		1.055	0.433	9/16	0.472	0.543	1/4" MNPT	5/16	<b>RPV IR5121</b>
		1.134	0.472	3/4	0.606	0.543	3/8" MNPT	5/16	<b>RPV IR5122</b>
		1.201	0.591	1	0.689	0.543	1/2" MNPT	5/16	<b>RPV IR5123</b>
		1.22	0.433	9/16	0.472	0.661	1/4" MNPT	3/8	<b>RPV IR3821</b>
		1.22	0.472	3/4	0.606	0.661	3/8" MNPT	3/8	<b>RPV IR3822</b>
		1.339	0.591	1	0.689	0.661	1/2" MNPT	3/8	<b>RPV IR3823</b>
		1.307	0.472	3/4	0.606	0.807	3/8" MNPT	1/2	<b>RPV IR2122</b>
		1.386	0.591	1	0.689	0.807	1/2" MNPT	1/2	<b>RPV IR2123</b>

Operating pressure  
0 to 145 psi

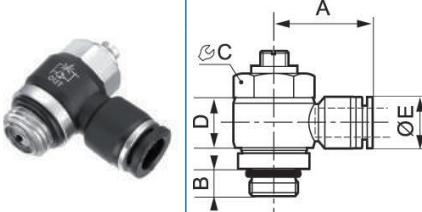
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

**MALE FLOW REGULATOR WITH ADJUSTING SCREW (CONTROL IN) - METRIC TUBE TO MALE BSPT - RPV IR**


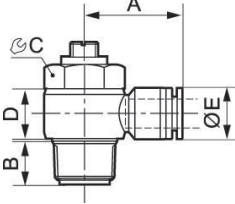
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
		1.299	0.858	10	1.004	0.571	1/8" MBSP	4	<b>RPV IR0400</b>
1.614	0.945	14	1.26	0.717	1/4" MBSP	4	<b>RPV IR0401</b>		
1.299	0.906	10	1.004	0.571	1/8" MBSP	6	<b>RPV IR0600</b>		
1.614	1.004	14	1.26	0.717	1/4" MBSP	6	<b>RPV IR0601</b>		
2.047	1.067	19	1.614	0.866	3/8" MBSP	6	<b>RPV IR0602</b>		
2.244	1.185	24	1.732	1.079	1/2" MBSP	6	<b>RPV IR0603</b>		
1.299	0.969	10	1.004	0.571	1/8" MBSP	8	<b>RPV IR0800</b>		
1.614	1.055	14	1.26	0.717	1/4" MBSP	8	<b>RPV IR0801</b>		
2.047	1.134	19	1.614	0.866	3/8" MBSP	8	<b>RPV IR0802</b>		
2.244	1.201	24	1.732	1.079	1/2" MBSP	8	<b>RPV IR0803</b>		
1.299	1.122	10	1.004	0.571	1/8" MBSP	10	<b>RPV IR1000</b>		
1.614	1.22	14	1.26	0.717	1/4" MBSP	10	<b>RPV IR1001</b>		
2.047	1.22	19	1.614	0.866	3/8" MBSP	10	<b>RPV IR1002</b>		
2.244	1.339	24	1.732	1.079	1/2" MBSP	10	<b>RPV IR1003</b>		
1.614	1.252	14	1.26	0.717	1/4" MBSP	12	<b>RPV IR1201</b>		
2.047	1.339	19	1.614	0.866	3/8" MBSP	12	<b>RPV IR1202</b>		
2.244	1.409	24	1.732	1.079	1/2" MBSP	12	<b>RPV IR1203</b>		

**MALE FLOW REGULATOR WITH ADJUSTING SCREW (CONTROL OUT) - 10-32 UNF TO FRACTIONAL INCH TUBE - RPV OG**


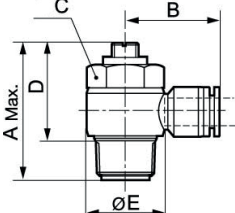
		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.776	0.157	5/16	0.362	0.394	10-32 UNF	1/8	<b>RPV OG1826</b>
0.776	0.157	5/16	0.362	0.394	10-32 UNF	5/32	<b>RPV OG5326</b>		
0.886	0.157	5/16	0.362	0.504	10-32 UNF	3/16	<b>RPV OG3126</b>		
0.886	0.157	1	0.362	0.504	10-32 UNF	1/4	<b>RPV OG4126</b>		

# CONEX PUSH-TO CONNECT FITTINGS FLOW REGULATORS

## MALE FLOW REGULATOR WITH ADJUSTING SCREW (CONTROL OUT) MALE NPT TO FRACTIONAL INCH TUBE - RPV OR

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
			0.858	0.315	1/2	0.472	0.394	1/8" MNPT	1/8	<b>RPV OR1820</b>
0.858	0.315	1/2	0.472	0.394	1/8" MNPT	5/32	<b>RPV OR5320</b>			
0.906	0.315	1/2	0.472	0.504	1/8" MNPT	3/16	<b>RPV OR3120</b>			
1.004	0.433	9/16	0.472	0.504	1/4" MNPT	3/16	<b>RPV OR3121</b>			
1.067	0.472	3/4	0.606	0.504	3/8" MNPT	3/16	<b>RPV OR3122</b>			
0.906	0.315	1/2	0.472	0.504	1/8" MNPT	1/4	<b>RPV OR4120</b>			
1.004	0.433	9/16	0.472	0.504	1/4" MNPT	1/4	<b>RPV OR4121</b>			
1.067	0.472	3/4	0.606	0.504	3/8" MNPT	1/4	<b>RPV OR4122</b>			
0.969	0.315	1/2	0.472	0.543	1/8" MNPT	5/16	<b>RPV OR5120</b>			
1.055	0.433	9/16	0.472	0.543	1/4" MNPT	5/16	<b>RPV OR5121</b>			
1.134	0.472	3/4	0.606	0.543	3/8" MNPT	5/16	<b>RPV OR5122</b>			
1.201	0.591	1	0.689	0.543	1/2" MNPT	5/16	<b>RPV OR5123</b>			
1.22	0.433	9/16	0.472	0.661	1/4" MNPT	3/8	<b>RPV OR3821</b>			
1.22	0.472	3/4	0.606	0.661	3/8" MNPT	3/8	<b>RPV OR3822</b>			
1.339	0.591	1	0.689	0.661	1/2" MNPT	3/8	<b>RPV OR3823</b>			
1.307	0.472	3/4	0.606	0.807	3/8" MNPT	1/2	<b>RPV OR2122</b>			
1.386	0.591	1	0.689	0.807	1/2" MNPT	1/2	<b>RPV OR2123</b>			

## MALE FLOW REGULATOR WITH ADJUSTING SCREW (CONTROL OUT) MALE BSPT TO METRIC TUBE - RPV OR

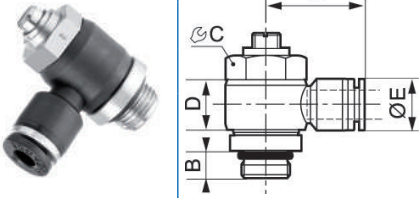
			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.299	0.858	10	1.004	0.571	1/8" MBSP	4	<b>RPV OR0400</b>
1.614	0.945	14	1.26	0.717	1/4" MBSP	4	<b>RPV OR0401</b>			
1.299	0.906	10	1.004	0.571	1/8" MBSP	6	<b>RPV OR0600</b>			
1.614	1.004	14	1.26	0.717	1/4" MBSP	6	<b>RPV OR0601</b>			
2.047	1.067	19	1.614	0.866	3/8" MBSP	6	<b>RPV OR0602</b>			
2.244	1.185	24	1.732	1.079	1/2" MBSP	6	<b>RPV OR0603</b>			
1.299	0.969	10	1.004	0.571	1/8" MBSP	8	<b>RPV OR0800</b>			
1.614	1.055	14	1.26	0.717	1/4" MBSP	8	<b>RPV OR0801</b>			
2.047	1.134	19	1.614	0.866	3/8" MBSP	8	<b>RPV OR0802</b>			
2.244	1.201	24	1.732	1.079	1/2" MBSP	8	<b>RPV OR0803</b>			
1.299	1.122	10	1.004	0.571	1/8" MBSP	10	<b>RPV OR1000</b>			
1.614	1.22	14	1.26	0.717	1/4" MBSP	10	<b>RPV OR1001</b>			
2.047	1.22	19	1.614	0.866	3/8" MBSP	10	<b>RPV OR1002</b>			
2.244	1.339	24	1.732	1.079	1/2" MBSP	10	<b>RPV OR1003</b>			
1.614	1.252	14	1.26	0.717	1/4" MBSP	12	<b>RPV OR1201</b>			
2.047	1.339	19	1.614	0.866	3/8" MBSP	12	<b>RPV OR1202</b>			
2.244	1.409	24	1.732	1.079	1/2" MBSP	12	<b>RPV OR1203</b>			

Operating pressure  
0 to 145 psi

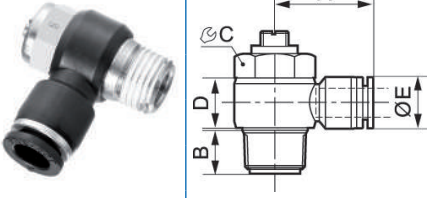
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

**MALE REGULATOR WITH ADJUSTING SCREW (BI-DIRECTIONAL)  
10-32 UNF TO FRACTIONAL INCH TUBE - RPV BG**


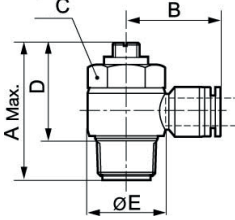
	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
	0.776	0.157	5/16	0.362	0.394	10-32 UNF	1/8	<b>RPV BG1826</b>
	0.776	0.157	5/16	0.362	0.394	10-32 UNF	5/32	<b>RPV BG5326</b>
	0.886	0.157	5/16	0.362	0.504	10-32 UNF	3/16	<b>RPV BG3126</b>
	0.886	0.157	1	0.362	0.504	10-32 UNF	1/4	<b>RPV BG4126</b>

**MALE REGULATOR WITH ADJUSTING SCREW (BI-DIRECTIONAL)  
FRACTIONAL INCH TUBE TO MALE NPT - RPV BR**


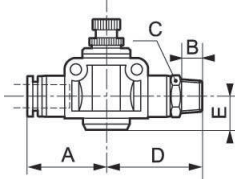
	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
	0.858	0.315	1/2	0.472	0.394	1/8" MNPT	1/8	<b>RPV BR1820</b>
	0.858	0.315	1/2	0.472	0.394	1/8" MNPT	5/32	<b>RPV BR5320</b>
	0.906	0.315	1/2	0.472	0.504	1/8" MNPT	3/16	<b>RPV BR3120</b>
	1.004	0.433	9/16	0.472	0.504	1/4" MNPT	3/16	<b>RPV BR3121</b>
	1.067	0.472	3/4	0.606	0.504	3/8" MNPT	3/16	<b>RPV BR3122</b>
	0.906	0.315	1/2	0.472	0.504	1/8" MNPT	1/4	<b>RPV BR4120</b>
	1.004	0.433	9/16	0.472	0.504	1/4" MNPT	1/4	<b>RPV BR4121</b>
	1.067	0.472	3/4	0.606	0.504	3/8" MNPT	1/4	<b>RPV BR4122</b>
	0.969	0.315	1/2	0.472	0.543	1/8" MNPT	5/16	<b>RPV BR5120</b>
	1.055	0.433	9/16	0.472	0.543	1/4" MNPT	5/16	<b>RPV BR5121</b>
	1.134	0.472	3/4	0.606	0.543	3/8" MNPT	5/16	<b>RPV BR5122</b>
	1.201	0.591	1	0.689	0.543	1/2" MNPT	5/16	<b>RPV BR5123</b>
	1.22	0.433	9/16	0.472	0.661	1/4" MNPT	3/8	<b>RPV BR3821</b>
	1.22	0.472	3/4	0.606	0.661	3/8" MNPT	3/8	<b>RPV BR3822</b>
	1.339	0.591	1	0.689	0.661	1/2" MNPT	3/8	<b>RPV BR3823</b>
	1.307	0.472	3/4	0.606	0.807	3/8" MNPT	1/2	<b>RPV BR2122</b>
	1.386	0.591	1	0.689	0.807	1/2" MNPT	1/2	<b>RPV BR2123</b>

# CONEX PUSH-TO CONNECT FITTINGS FLOW REGULATORS

## MALE REGULATOR WITH ADJUSTING SCREW (BI-DIRECTIONAL) METRIC TUBE TO MALE BSPT - RPV BR

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			1.181	0.858	10	0.886	0.571	1/8" MBSP	4	<b>RPV BR0400</b>
1.575	0.945	14	1.22	0.717	1/4" MBSP	4	<b>RPV BR0401</b>			
1.181	0.906	10	0.886	0.571	1/8" MBSP	6	<b>RPV BR0600</b>			
1.575	1.004	14	1.22	0.717	1/4" MBSP	6	<b>RPV BR0601</b>			
1.89	1.067	19	1.457	0.866	3/8" MBSP	6	<b>RPV BR0602</b>			
2.185	1.185	24	1.673	1.079	1/2" MBSP	6	<b>RPV BR0603</b>			
1.181	0.969	10	0.886	0.571	1/8" MBSP	8	<b>RPV BR0800</b>			
1.575	1.055	14	1.22	0.717	1/4" MBSP	8	<b>RPV BR0801</b>			
1.89	1.134	19	1.457	0.866	3/8" MBSP	8	<b>RPV BR0802</b>			
2.185	1.201	24	1.673	1.079	1/2" MBSP	8	<b>RPV BR0803</b>			
1.181	1.122	10	0.886	0.571	1/8" MBSP	10	<b>RPV BR1000</b>			
1.575	1.22	14	1.22	0.717	1/4" MBSP	10	<b>RPV BR1001</b>			
1.89	1.22	19	1.457	0.866	3/8" MBSP	10	<b>RPV BR1002</b>			
2.185	1.339	24	1.673	1.079	1/2" MBSP	10	<b>RPV BR1003</b>			
1.575	1.252	14	1.22	0.717	1/4" MBSP	12	<b>RPV BR1201</b>			
1.89	1.339	19	1.457	0.866	3/8" MBSP	12	<b>RPV BR1202</b>			
2.185	1.409	24	1.673	1.079	1/2" MBSP	12	<b>RPV BR1203</b>			

## TUBE/ MALE THREAD FLOW REGULATOR ONE WAY FRACTIONAL INCH TUBE TO MALE NPT - RPL PR

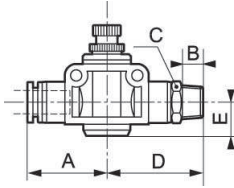
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
			0.945	0.315	7/16	1.24	0.413	1/8" MNPT	1/8	<b>RPL PR1820</b>
0.945	0.315	7/16	1.24	0.413	1/8" MNPT	5/32	<b>RPL PR5320</b>			
0.965	0.315	1/2	1.28	0.437	1/8" MNPT	3/16	<b>RPL PR3120</b>			
0.965	0.315	1/2	1.28	0.437	1/8" MNPT	1/4	<b>RPL PR4120</b>			
0.965	0.433	9/16	1.378	0.437	1/4" MNPT	1/4	<b>RPL PR4121</b>			
1.083	0.315	9/16	1.37	0.472	1/8" MNPT	5/16	<b>RPL PR5120</b>			
1.083	0.433	9/16	1.488	0.472	1/4" MNPT	5/16	<b>RPL PR5121</b>			
1.083	0.472	11/16	1.547	0.472	3/8" MNPT	5/16	<b>RPL PR5122</b>			
1.24	0.315	11/16	1.508	0.48	1/8" MNPT	3/8	<b>RPL PR3820</b>			
1.24	0.433	11/16	1.626	0.48	1/4" MNPT	3/8	<b>RPL PR3821</b>			
1.24	0.472	11/16	1.665	0.48	3/8" MNPT	3/8	<b>RPL PR3822</b>			
1.24	0.591	7/8	1.823	0.48	1/2" MNPT	3/8	<b>RPL PR3823</b>			
1.476	0.433	3/4	1.764	0.614	1/8" MNPT	1/2	<b>RPL PR2120</b>			
1.476	0.433	3/4	1.882	0.614	1/4" MNPT	1/2	<b>RPL PR2121</b>			
1.476	0.472	3/4	1.921	0.614	3/8" MNPT	1/2	<b>RPL PR2122</b>			
1.476	0.591	7/8	2.059	0.614	1/2" MNPT	1/2	<b>RPL PR2123</b>			

Operating pressure  
0 to 145 psi

Temperature  
+32°F to +140°F

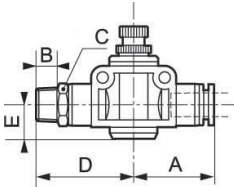
Construction  
Polymer and  
nickel-plated  
brass

**TUBE/ MALE THREAD FLOW REGULATOR ONE WAY - METRIC TUBE TO MALE BSPT - RPL PR**



A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
0.945	0.295	10	1.224	0.413	1/8" MBSP	4	<b>RPL PR0400</b>
0.965	0.295	12	1.24	0.437	1/8" MBSP	6	<b>RPL PR0600</b>
0.965	0.354	14	1.299	0.437	1/4" MBSP	6	<b>RPL PR0601</b>
1.083	0.295	14	1.35	0.472	1/8" MBSP	8	<b>RPL PR0800</b>
1.083	0.354	14	1.409	0.472	1/4" MBSP	8	<b>RPL PR0801</b>
1.083	0.433	17	1.508	0.472	3/8" MBSP	8	<b>RPL PR0802</b>
1.24	0.354	17	1.571	0.48	1/4" MBSP	10	<b>RPL PR1001</b>
1.24	0.433	17	1.65	0.48	3/8" MBSP	10	<b>RPL PR1002</b>
1.24	0.512	21	1.728	0.48	1/2" MBSP	10	<b>RPL PR1003</b>
1.476	0.354	19	1.78	0.614	1/4" MBSP	12	<b>RPL PR1201</b>
1.476	0.433	19	1.858	0.614	3/8" MBSP	12	<b>RPL PR1202</b>
1.476	0.512	21	1.937	0.614	1/2" MBSP	12	<b>RPL PR1203</b>


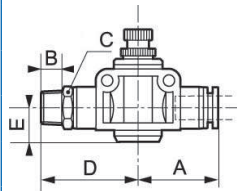
**MALE THREAD/TUBE FLOW REGULATOR ONE WAY - FRACTIONAL INCH TUBE TO MALE NPT - RPL TR**




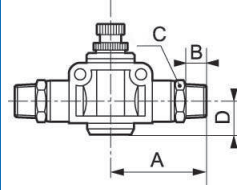
A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
0.945	0.315	7/16	1.24	0.413	1/8" MNPT	1/8	<b>RPL TR1820</b>
0.945	0.315	7/16	1.24	0.413	1/8" MNPT	5/32	<b>RPL TR5320</b>
0.965	0.315	1/2	1.28	0.437	1/8" MNPT	3/16	<b>RPL TR3120</b>
0.965	0.315	1/2	1.28	0.437	1/8" MNPT	1/4	<b>RPL TR4120</b>
0.965	0.433	9/16	1.378	0.437	1/4" MNPT	1/4	<b>RPL TR4121</b>
1.083	0.315	9/16	1.37	0.472	1/8" MNPT	5/16	<b>RPL TR5120</b>
1.083	0.433	9/16	1.488	0.472	1/4" MNPT	5/16	<b>RPL TR5121</b>
1.083	0.472	11/16	1.547	0.472	3/8" MNPT	5/16	<b>RPL TR5122</b>
1.24	0.315	11/16	1.508	0.48	1/8" MNPT	3/8	<b>RPL TR3820</b>
1.24	0.433	11/16	1.626	0.48	1/4" MNPT	3/8	<b>RPL TR3821</b>
1.24	0.472	11/16	1.665	0.48	3/8" MNPT	3/8	<b>RPL TR3822</b>
1.24	0.591	7/8	1.823	0.48	1/2" MNPT	3/8	<b>RPL TR3823</b>
1.476	0.433	3/4	1.764	0.614	1/8" MNPT	1/2	<b>RPL TR2120</b>
1.476	0.433	3/4	1.882	0.614	1/4" MNPT	1/2	<b>RPL TR2121</b>
1.476	0.472	3/4	1.921	0.614	3/8" MNPT	1/2	<b>RPL TR2122</b>
1.476	0.591	7/8	2.059	0.614	1/2" MNPT	1/2	<b>RPL TR2123</b>

# CONEX PUSH-TO CONNECT FITTINGS FLOW REGULATORS

## TUBE/ MALE THREAD FLOW REGULATOR ONE WAY - METRIC TUBE TO MALE BPST - RPL TR

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	For tube OD (mm)	Part Numbers
			0.945	0.295	10	1.224	0.413	1/8" MBSP	4	<b>RPL TR0400</b>
0.965	0.295	12	1.24	0.437	1/8" MBSP	6	<b>RPL TR0600</b>			
0.965	0.354	14	1.299	0.437	1/4" MBSP	6	<b>RPL TR0601</b>			
1.083	0.295	14	1.35	0.472	1/8" MBSP	8	<b>RPL TR0800</b>			
1.083	0.354	14	1.409	0.472	1/4" MBSP	8	<b>RPL TR0801</b>			
1.083	0.433	17	1.508	0.472	3/8" MBSP	8	<b>RPL TR0802</b>			
1.24	0.354	17	1.571	0.48	1/4" MBSP	10	<b>RPL TR1001</b>			
1.24	0.433	17	1.65	0.48	3/8" MBSP	10	<b>RPL TR1002</b>			
1.24	0.512	21	1.728	0.48	1/2" MBSP	10	<b>RPL TR1003</b>			
1.476	0.354	19	1.78	0.614	1/4" MBSP	12	<b>RPL TR1201</b>			
1.476	0.433	19	1.858	0.614	3/8" MBSP	12	<b>RPL TR1202</b>			
1.476	0.512	21	1.937	0.614	1/2" MBSP	12	<b>RPL TR1203</b>			

## MALE THREAD FLOW REGULATOR ONE WAY - MALE NPT - RPL DR


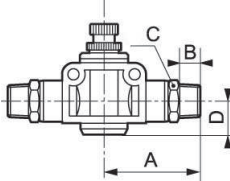
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	Part Numbers
			1.28	0.315	1/2	0.413	-	1/8" MNPT	<b>RPL DR2020</b>
1.488	0.433	9/16	0.472	-	1/4" MNPT	<b>RPL DR2121</b>			
1.665	0.472	11/16	0.48	-	3/8" MNPT	<b>RPL DR2222</b>			
2.059	0.591	7/8	0.614	-	1/2" MNPT	<b>RPL DR2323</b>			

Operating pressure  
0 to 145 psi


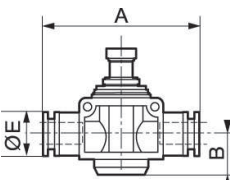
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


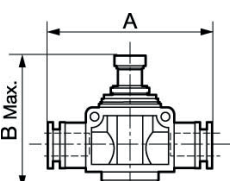
### MALE THREAD FLOW REGULATOR ONE WAY - MALE BSPT - RPL DR

			A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPT male thread	Part Numbers
			1.22	0.217	12	0.437	-	1/8" MBSP	<b>RPL DR0000</b>
1.35	0.236	14	0.472	-	1/4" MBSP	<b>RPL DR0101</b>			
1.551	0.256	17	0.48	-	3/8" MBSP	<b>RPL DR0202</b>			
1.78	0.315	21	0.614	-	1/2" MBSP	<b>RPL DR0303</b>			

### TUBE FLOW REGULATOR ONE WAY - FRACTIONAL INCH TUBE - RPL ET

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
			1.89	0.413	-	-	0.394	1/8	<b>RPL ET1818</b>
1.89	0.413	-	-	0.394	5/32	<b>RPL ET5353</b>			
1.913	0.437	-	-	0.504	3/16	<b>RPL ET3131</b>			
1.929	0.437	-	-	0.504	1/4	<b>RPL ET4141</b>			
2.169	0.472	-	-	0.543	5/16	<b>RPL ET5151</b>			
2.48	0.48	-	-	0.661	3/8	<b>RPL ET3838</b>			
2.913	0.622	-	-	0.807	1/2	<b>RPL ET2121</b>			


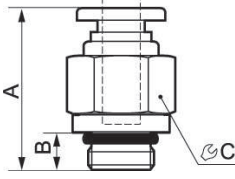
### TUBE FLOW REGULATOR ONE WAY - METRIC TUBE - RPL ET

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
			1.496	1.142	-	-	-	4	<b>RPL ET0404</b>
1.929	1.693	-	-	-	6	<b>RPL ET0606</b>			
2.169	1.89	-	-	-	8	<b>RPL ET0808</b>			
2.48	2.126	-	-	-	10	<b>RPL ET1010</b>			
2.953	2.283	-	-	-	12	<b>RPL ET1212</b>			


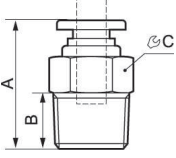


# CONEX PUSH-TO-CONNECT MICRO FITTINGS


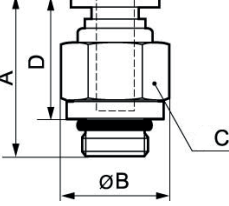
## MICRO STRAIGHT MALE CONNECTOR - FRACTIONAL INCH TUBE TO 10-32 UNF - RCD MG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers	
		0.591	0.138	5/16	-	-	-	10-32 UNF	1/8	<b>RCD MG1826</b>
		0.689	0.138	5/16	-	-	-	10-32 UNF	5/32	<b>RCD MG5326</b>
		0.839	0.138	13/32	-	-	-	10-32 UNF	1/4	<b>RCD MG4126</b>


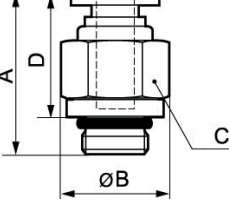
## MICRO STRAIGHT MALE CONNECTOR - FRACTIONAL INCH TUBE TO MALE NPT - RCD MR

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers	
		0.669	0.315	13/32	-	-	-	1/8" MNPT	1/8	<b>RCD MR1820</b>
		0.815	0.315	13/32	-	-	-	1/8" MNPT	1/4	<b>RCD MR4120</b>
		0.689	0.315	13/32	-	-	-	1/8" MNPT	5/32	<b>RCD MR5320</b>


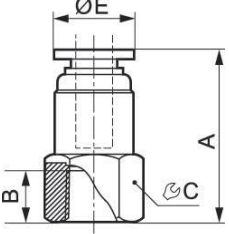
## STRAIGHT MALE CONNECTOR - METRIC TUBE TO MALE BSPP - RCD MG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPP male thread	For tube OD (mm)	Part Numbers	
		0.591	0.453	10	0.394	-	-	1/8" MBSP	4	<b>RCD MG0400</b>
		0.689	0.453	10	0.492	-	-	1/8" MBSP	6	<b>RCD MG0600</b>

## MICRO STRAIGHT MALE CONNECTOR - METRIC TUBE TO MALE M3, M5 - RCD MG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers	
		0.669	0.362	8	0.551	-	-	M3	4	<b>RCD MG04M3</b>
		0.689	0.362	8	0.551	-	-	M5	4	<b>RCD MG04M5</b>
		0.787	0.453	10	0.65	-	-	M5	6	<b>RCD MG06M5</b>

## MICRO STRAIGHT FEMALE CONNECTOR - FRACTIONAL INCH TO TUBE 10-32 UNF - RCD FG


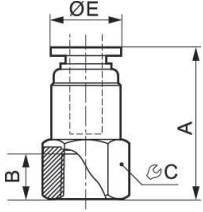
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers	
		0.638	0.197	5/16	-	0.276	-	10-32 UNF	1/8	<b>RCD FG1826</b>
		0.736	0.197	5/16	-	0.315	-	10-32 UNF	5/32	<b>RCD FG5326</b>
		0.795	0.197	13/32	-	0.394	-	10-32 UNF	1/4	<b>RCD FG4126</b>

Operating pressure  
0 to 145 psi


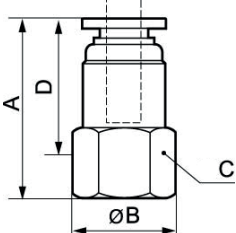
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


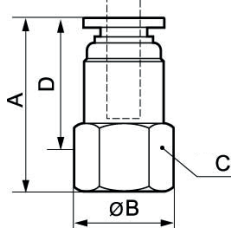
**MICRO STRAIGHT FEMALE CONNECTOR - FRACTIONAL INCH TUBE TO FEMALE NPT - RCD FR**

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>NPT female thread</b>	<b>For tube OD (in)</b>	<b>Part Numbers</b>
		0.717	0.374	1/2	-	0.276	1/8" FNPT	1/8	<b>RCD FR1820</b>
		0.933	0.374	1/2	-	0.315	1/8" FNPT	5/32	<b>RCD FR5320</b>
		0.913	0.374	1/2	-	0.394	1/8" FNPT	1/4	<b>RCD FR4120</b>


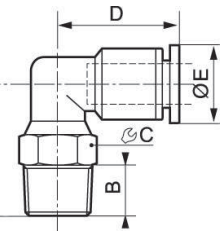
**MICRO STRAIGHT FEMALE CONNECTOR - METRIC TUBE TO FEMALE BSPP - RCD FG**

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>BSPP female thread</b>	<b>For tube OD (mm)</b>	<b>Part Numbers</b>
		0.894	0.551	12	0.539	-	1/8" FBSP	4	<b>RCD FG0400</b>
		0.894	0.551	12	0.539	-	1/8" FBSP	6	<b>RCD FG0600</b>


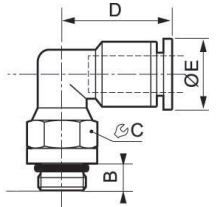
**MICRO STRAIGHT FEMALE CONNECTOR - METRIC TUBE TO FEMALE M3, M5 - RCD FG**

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Metric female threading</b>	<b>For tube OD (mm)</b>	<b>Part Numbers</b>
		0.717	0.374	8	0.539	-	M3	4	<b>RCD FG04M3</b>
		0.736	0.374	8	0.539	-	M5	4	<b>RCD FG04M5</b>
		0.795	0.472	10	0.598	-	M5	6	<b>RCD FG06M5</b>

**MICRO MALE ELBOW - FRACTIONAL INCH TUBE TO MALE NPT - RCC MR**


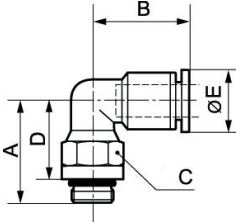
		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>NPT male thread</b>	<b>For tube OD (in)</b>	<b>Part Numbers</b>
		-	0.315	13/32	0.504	0.276	1/8" MNPT	1/8	<b>RCC MR1820</b>
		-	0.315	13/32	0.618	0.335	1/8" MNPT	5/32	<b>RCC MR5320</b>
		-	0.315	13/32	0.657	0.413	1/8" MNPT	1/4	<b>RCC MR4120</b>

**MICRO MALE ELBOW - FRACTIONAL INCH TUBE TO 10-32 UNF - RCC MG**


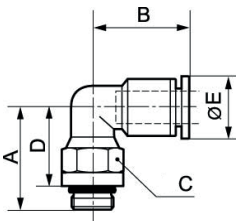
		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>UNF thread</b>	<b>For tube OD (in)</b>	<b>Part Numbers</b>
		-	0.138	5/16	0.504	0.276	10-32 UNF	1/8	<b>RCC MG1826</b>
		-	0.138	13/32	0.618	0.335	10-32 UNF	5/32	<b>RCC MG5326</b>
		-	0.138	13/32	0.657	0.413	10-32 UNF	1/4	<b>RCC MG4126</b>

# CONEX PUSH-TO-CONNECT MICRO FITTINGS

## MALE ELBOW - METRIC TUBE TO MALE BSPP - RCC MG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>BSPP male thread</b>	<b>For tube OD (mm)</b>	<b>Part Numbers</b>
		0.65	0.618	10	0.354	0.335	1/8" MBSP	4	<b>RCC MG0400</b>
		0.728	0.657	10	0.433	0.413	1/8" MBSP	6	<b>RCC MG0600</b>

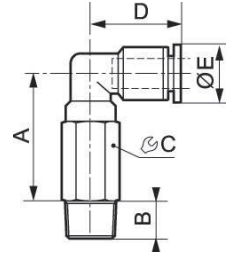
## MICRO MALE ELBOW - METRIC TUBE TO M3, M5 - RCC MG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Metric male threading</b>	<b>For tube OD (mm)</b>	<b>Part Numbers</b>
		0.492	0.618	8	0.374	0.335	M3	4	<b>RCC MG04M3</b>
		0.512	0.618	8	0.374	0.335	M5	4	<b>RCC MG04M5</b>
		0.709	0.657	10	0.571	0.413	M5	6	<b>RCC MG06M5</b>

## MICRO EXTENDED MALE ELBOW - FRACTIONAL INCH TUBE TO 10-32 UNF - RCC LR

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>UNF thread</b>	<b>For tube OD (in)</b>	<b>Part Numbers</b>
		0.787	0.138	5/16	0.504	0.276	10-32 UNF	1/8	<b>RCC LG1826</b>
		0.965	0.138	5/16	0.618	0.335	10-32 UNF	5/32	<b>RCC LG5326</b>
		1.122	0.138	13/32	0.657	0.413	10-32 UNF	1/4	<b>RCC LG4126</b>

## MICRO EXTENDED MALE ELBOW - FRACTIONAL INCH TUBE TO MALE NPT

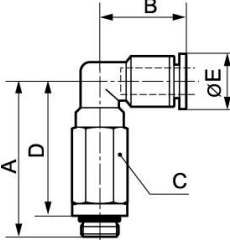
		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>NPT male thread</b>	<b>For tube OD (in)</b>	<b>Part Numbers</b>
		0.846	0.315	13/32	0.504	0.276	1/8" MNPT	1/8	<b>RCC LR1820</b>
		1.102	0.315	13/32	0.618	0.335	1/8" MNPT	5/32	<b>RCC LR5320</b>
		1.201	0.315	13/32	0.657	0.413	1/8" MNPT	1/4	<b>RCC LR4120</b>

Operating pressure  
0 to 145 psi


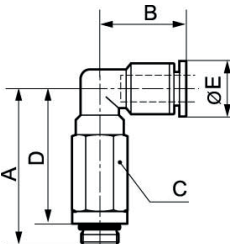
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass

### MICRO EXTENDED MALE ELBOW - METRIC TUBE TO MALE BSPP - RCC LG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPP male thread	For tube OD (mm)	Part Numbers
		1.378	0.618	10	1.083	0.335	1/8" MBSP	4	<b>RCC LG0400</b>
		1.476	0.657	10	1.181	0.413	1/8" MBSP	6	<b>RCC LG0600</b>

### MICRO EXTENDED MALE ELBOW - METRIC TUBE TO M3, M5 - RCC LG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
		1.063	0.618	8	0.945	0.335	M3	4	<b>RCC LG04M3</b>
		1.102	0.618	8	0.965	0.335	M5	4	<b>RCC LG04M5</b>
1.26	0.65	10	1.122	0.413	M5	6	<b>RCC LG06M5</b>		

### MICRO MALE TEE PIECE - FRACTIONAL INCH TUBE TO 10-32 UNF - RCT CG


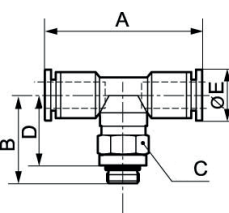
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.591	0.138	5/16	0.457	0.276	10-32 UNF	1/8	<b>RCT CG1826</b>
		0.638	0.138	5/16	0.543	0.335	10-32 UNF	5/32	<b>RCT CG5326</b>
0.835	0.138	13/32	0.689	0.413	10-32 UNF	1/4	<b>RCT CG4126</b>		

### MICRO MALE TEE PIECE - FRACTIONAL INCH TUBE TO MALE NPT - RCT CR


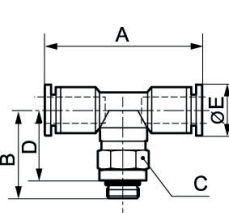
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		0.65	0.315	13/32	0.457	0.276	1/8" MNPT	1/8	<b>RCT CR1820</b>
		0.776	0.315	13/32	0.543	0.335	1/8" MNPT	5/32	<b>RCT CR5320</b>
0.874	0.315	13/32	0.689	0.413	1/8" MNPT	1/4	<b>RCT CR4120</b>		

# CONEX PUSH-TO-CONNECT MICRO FITTINGS


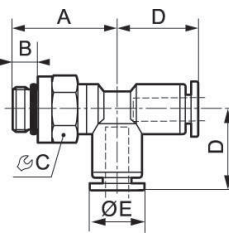
## MICRO TEE PIECE - METRIC TUBE TO MALE BSPP - RCT CG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPP male thread	For tube OD (mm)	Part Numbers
		1.087	0.756	10	0.461	0.335	1/8" MBSP	4	<b>RCT CG0400</b>
		1.378	0.854	10	0.559	0.413	1/8" MBSP	6	<b>RCT CG0600</b>


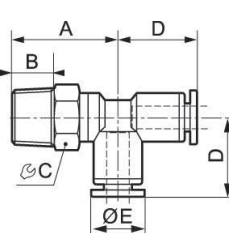
## MICRO MALE TEE PIECE - METRIC TUBE TO M3, M5 - RCT CG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
		1.087	0.618	8	0.5	0.335	M3	4	<b>RCT CG04M3</b>
		1.087	0.638	8	0.5	0.335	M5	4	<b>RCT CG04M5</b>
1.063	0.835	10	0.697	0.413	M5	6	<b>RCT CG06M5</b>		

## MICRO MALE RUN TEE - FRACTIONAL INCH TUBE TO 10-32 UNF - RCT AG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.591	0.138	5/16	0.457	0.276	10-32 UNF	1/8	<b>RCT AG1826</b>
		0.638	0.138	5/16	0.543	0.335	10-32 UNF	5/32	<b>RCT AG5326</b>
0.835	0.138	13/32	0.689	0.413	10-32 UNF	1/4	<b>RCT AG4126</b>		

## MICRO MALE RUN TEE - FRACTIONAL INCH TO MALE NPT - RCT AR


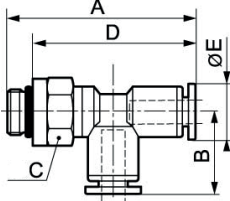
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	NPT male thread	For tube OD (in)	Part Numbers
		0.65	0.315	13/32	0.457	0.276	1/8" MNPT	1/8	<b>RCT AR1820</b>
		0.776	0.315	13/32	0.543	0.335	1/8" MNPT	5/32	<b>RCT AR5320</b>
0.874	0.315	13/32	0.689	0.413	1/8" MNPT	1/4	<b>RCT AR4120</b>		

Operating pressure  
0 to 145 psi


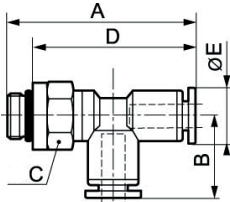
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


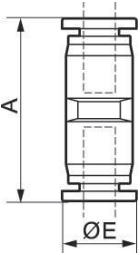
### MICRO MALE RUN TEE - METRIC TUBE TO MALE BSPP - RCT AG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	BSPP male thread	For tube OD (mm)	Part Numbers
		1.299	0.543	10	1.004	0.335	1/8" MBSP	4	<b>RCT AG0400</b>
1.543	0.689	10	1.248	0.413	1/8" MBSP	6	<b>RCT AG0600</b>		


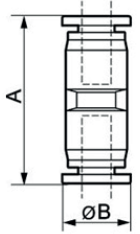
### MICRO MALE RUN TEE - METRIC TUBE TO MALE M3, M5 - RCT AG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
		1.161	0.543	8	1.043	0.335	M3	4	<b>RCT AG04M3</b>
1.181	0.543	8	1.043	0.335	M5	4	<b>RCT AG04M5</b>		
1.366	0.531	10	1.228	0.413	M5	6	<b>RCT AG06M5</b>		

### MICRO EQUAL STRAIGHT UNION - FRACTIONAL INCH TUBE - RCU ET


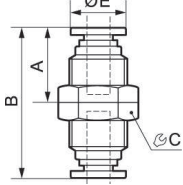
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		0.807	-	-	-	0.276	1/8	<b>RCU ET1818</b>
0.921	-	-	-	0.335	5/32	<b>RCU ET5353</b>		
1.102	-	-	-	0.413	1/4	<b>RCU ET4141</b>		

### MICRO EQUAL STRAIGHT UNION - METRIC TUBE - RCU ET


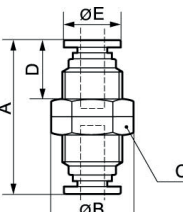
		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		0.921	0.335	-	-	-	4	<b>RCU ET0404</b>
1.102	0.413	-	-	-	6	<b>RCU ET0606</b>		

# CONEX PUSH-TO-CONNECT MICRO FITTINGS


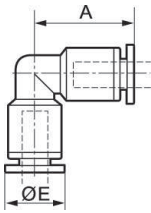
## MICRO BULKHEAD FITTING - FRACTIONAL INCH TUBE - RCU TT

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Panel thickness (in)	Drill Ø (in)	For tube OD (in)	Part Numbers
		0.465	0.929	0.394	-	0.283	0.4	0.3	1/8	<b>RCU TT1818</b>
		0.516	1.031	0.472	-	0.374	0.4	0.4	5/32	<b>RCU TT5353</b>
		0.516	1.031	0.551	-	0.421	0.4	0.5	1/4	<b>RCU TT4141</b>


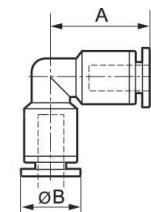
## MICRO BULKHEAD FITTING - METRIC TUBE - RCU TT

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Panel thickness (in)	Drill Ø (in)	For tube OD (mm)	Part Numbers
		1.031	0.551	12	0.374	0.374	0.4	0.4	4	<b>RCU TT0404</b>
		1.031	0.65	14	0.374	0.421	0.4	0.5	6	<b>RCU TT0606</b>


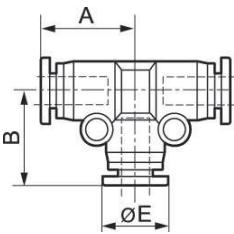
## 90° MICRO EQUAL ELBOW - FRACTIONAL INCH TUBE - RCC ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		0.807	-	-	-	0.276	1/8	<b>RCC ET1818</b>
		0.921	-	-	-	0.335	5/32	<b>RCC ET5353</b>
		1.102	-	-	-	0.413	1/4	<b>RCC ET4141</b>

## 90° MICRO EQUAL ELBOW - METRIC TUBE - RCC ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		0.618	0.335	-	-	-	4	<b>RCC ET0404</b>
		0.701	0.413	-	-	-	6	<b>RCC ET0606</b>

## MICRO EQUAL TEE PIECE - FRACTIONAL INCH TUBE - RCT ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		0.457	0.457	-	-	0.276	1/8	<b>RCT ET1818</b>
		0.543	0.543	-	-	0.335	5/32	<b>RCT ET5353</b>
		0.728	0.728	-	-	0.413	1/4	<b>RCT ET4141</b>


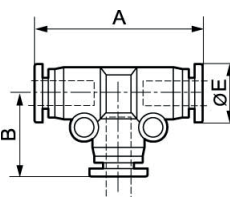


Operating pressure  
0 to 145 psi


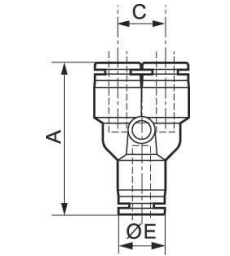
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


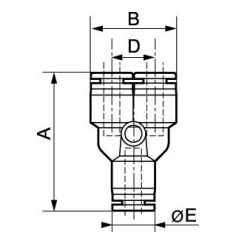
### MICRO EQUAL TEE PIECE - METRIC TUBE - RCT ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		1.087	0.543	-	-	0.335	4	<b>RCT ET0404</b>
		1.457	0.728	-	-	0.413	6	<b>RCT ET0606</b>


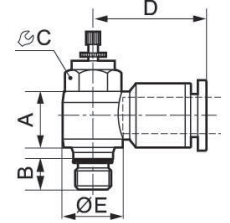
### MICRO EQUAL Y PIECE - FRACTIONAL INCH TUBE - RCY ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
		1.142	-	0.335	-	0.335	5/32	<b>RCY ET5353</b>
		1.26	-	0.413	-	0.413	1/4	<b>RCY ET4141</b>


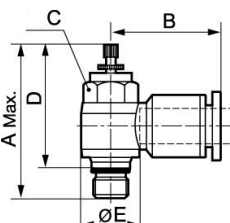
### MICRO EQUAL Y PIECE - METRIC TUBE - RCY ET

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (mm)	Part Numbers
		1.142	0.669	-	0.335	0.335	4	<b>RCY ET0404</b>
		1.26	0.827	-	0.413	0.413	6	<b>RCY ET0606</b>

### MICRO MALE FLOW REGULATOR WITH KNOB (CONTROL IN) - FRACTIONAL TUBE TO 10-32 UNF - RCM IG

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	UNF thread	For tube OD (in)	Part Numbers
		0.362	0.138	5/16	0.598	0.394	10-32 UNF	1/8	<b>RCM IG1826</b>

### MICRO MALE FLOW REGULATOR WITH ADJUSTING KNOB (CONTROL IN) - METRIC TUBE TO MALE M5 - RCM IG

		A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	Metric male threading	For tube OD (mm)	Part Numbers
		1.26	0.709	8	1.122	0.394	M5	4	<b>RCM IG04M5</b>




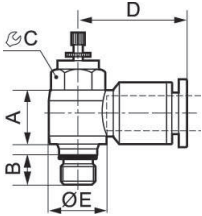
# CONEX PUSH-TO-CONNECT MICRO FITTINGS

Operating  
pressure  
0 to 145 psi


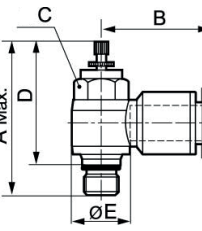
Temperature  
+32°F to +140°F

Construction  
Polymer and  
nickel-plated  
brass


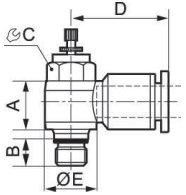
## MICRO MALE FLOW REGULATOR WITH ADJUSTING KNOB (CONTROL OUT) FRACTIONAL INCH TUBE TO 10-32 UNF - RCM OG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>UNF thread</b>	<b>For tube OD (in)</b>	<b>Part Numbers</b>
		0.362	0.138	5/16	0.709	0.394	10-32 UNF	5/32	<b>RCM OG5326</b>


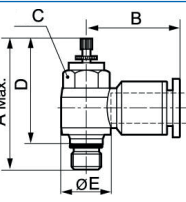
## MICRO MALE FLOW REGULATOR WITH ADJUSTING KNOB (CONTROL OUT) METRIC TUBE TO MALE M5 - RCM OG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Metric male threading</b>	<b>For tube OD (mm)</b>	<b>Part Numbers</b>
		1.26	0.709	8	1.122	0.394	M5	4	<b>RCM OG04M5</b>

## MICRO MALE FLOW REGULATOR WITH ADJUSTING KNOB (BI-DIRECTIONAL) FRACTIONAL INCH TUBE TO 10-32 UNF - RCM BG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>UNF thread</b>	<b>For tube OD (in)</b>	<b>Part Numbers</b>
		0.362	0.138	5/16	0.717	0.394	10-32 UNF	1/4	<b>RCM BG4126</b>

## MICRO MALE FLOW REGULATOR WITH ADJUSTING KNOB (BI-DIRECTIONAL) METRIC TUBE - RCM BG

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Metric male threading</b>	<b>For tube OD (mm)</b>	<b>Part Numbers</b>
		1.26	0.709	8	1.122	0.394	M5	4	<b>RCM BG04M5</b>

## ASSOCIATED PRODUCTS




Polyamide tubes  
p 230

# PUSH FITTINGS ACCESSORIES

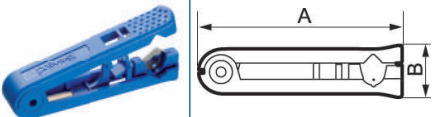
## DISCONNECTION TOOL - R22

A (inch)	B (inch)	Description	Part Numbers
-	-	Disconnection tool	<b>R22 TD</b>



## TUBE CUTTER - R22 CT

A (inch)	B (inch)	Description	Part Numbers
4.409	1.102	Tube cutter Specially designed to get a 90° clean cut	<b>R22 CT</b>



# 7

# Connecting parts

A range **for all configurations**

These products allows users to customize their systems into numerous configurations.

This wide range of hose connectors and the extensive selection of parts (plugs, reducers, brackets, T couplings, cross couplings, stoppers, bulk head fittings, etc.) are available with all thread types and are ideal for customizing a piping system.

## FLUIDS

Air, water, inert fluids

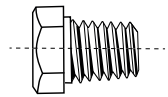


## THREADS

- Tapered thread for connections with sealant applied:

**ASME 1.20.1 standard**

Thread sizes from 1/8" to 3/4"



**NPT**

Part type	Material	Pressure
Connectors	Nickel-plated brass	0 to 217 psi
Joiners	Steel	0 to 217 psi


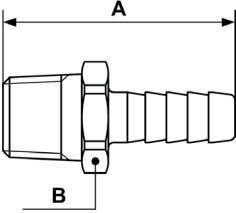


# HOSE TAILS


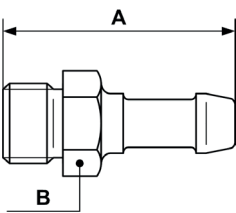
Technology  
Straight through  
path

Operating  
pressure  
0 to 217 psi

## BRASS HOSE BARB

 	A (inch)	B (inch)	NPT male thread	For hose ID (in)	Part Numbers
	1.76	0.561	1/4" MNPT	1/4" Hose Barb	<b>JFT 14251</b>
	1.732	0.551	1/4" MNPT	3/8" Hose Barb	<b>JFT 38251</b>
	1.732	0.748	3/8" MNPT	3/8" Hose Barb	<b>JFT 38252</b>
	1.929	0.945	1/2" MNPT	3/8" Hose Barb	<b>JFT 38253</b>
	1.76	0.683	3/8" MNPT	1/2" Hose Barb	<b>JFT 12252</b>
	1.969	0.874	1/2" MNPT	1/2" Hose Barb	<b>JFT 12253</b>
	Component: brass				

## PARALLEL MALE THREAD - HOSE TAIL - 1 BARB


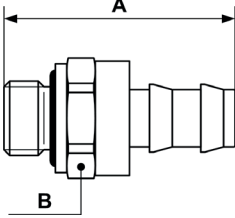
 	A (inch)	B (mm)	BSPP male thread	For hose ID (mm)	Part Numbers
	1.693	14	1/8" MBSP	4	<b>JFT 1804ZS</b>
	1.693	14	1/8" MBSP	6	<b>JFT 1806ZS</b>
	1.811	17	1/4" MBSP	6	<b>JFT 1406ZS</b>
	1.811	17	1/4" MBSP	8	<b>JFT 1408ZS</b>
	1.811	17	1/4" MBSP	9	<b>JFT 1409ZS</b>
	1.811	17	1/4" MBSP	10	<b>JFT 1410ZS</b>
	1.85	19	1/8" MBSP	8	<b>JFT 3808ZS</b>
	1.85	19	1/8" MBSP	10	<b>JFT 3810ZS</b>
	2.047	19	1/8" MBSP	13	<b>JFT 3813ZS</b>
	2.047	23	1/8" MBSP	16	<b>JFT 3816ZS</b>
	2.087	23	1/2" MBSP	8	<b>JFT 1208ZS</b>
	2.087	23	1/2" MBSP	9	<b>JFT 1209ZS</b>
	2.087	23	1/2" MBSP	10	<b>JFT 1210ZS</b>
	2.087	23	1/2" MBSP	13	<b>JFT 1213ZS</b>
	2.126	23	1/2" MBSP	16	<b>JFT 1216ZS</b>
	2.283	29	3/4" MBSP	16	<b>JFT 3416ZS</b>
Component: treated steel					

# HOSE TAILS


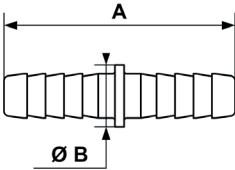
Technology  
Straight through  
path

Operating  
pressure  
0 to 217 psi


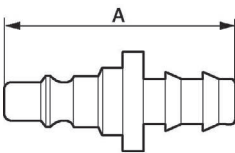
## BRASS PUSH-ON FITTING (STOFLEX HOSE ONLY - NO CLAMPS)

		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT male thread</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.732	0.551	1/4" MNPT	3/8"	<b>PON 38251</b>
		1.732	0.748	3/8" MNPT	3/8"	<b>PON 38252</b>
Assembly without any hose-O-clip with hose Lockflex Component: brass						

## BRASS HOSE BARB

		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.969	0.551	3/8" Hose Barb	<b>JDT 3838</b>
		Component: brass			

## BRASS PUSH-ON FITTING (STOFLEX HOSE ONLY - NO CLAMPS)


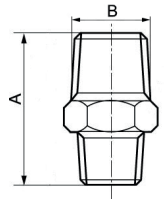
		<b>A (inch)</b>	<b>B (inch)</b>	<b>For hose ID</b>	<b>Part Numbers</b>
		1.969	0.551	3/8" Push-on-Hose Barb	<b>PON JDT3838</b>
		For assembly without any hose-O-clip on hose partnumber Lockflex Component: brass			

# FITTINGS UNIONS REDUCERS


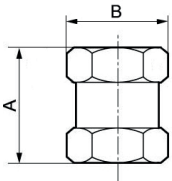
Operating  
pressure  
0 to 217 psi

Construction  
Brass and nickel-  
plated brass


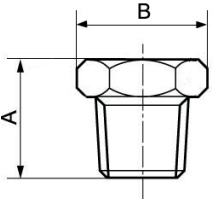
## BRASS HEX NIPPLE

		A (inch)	B (inch)	NPT male thread	NPT male thread	Part Numbers
		0.65	0.551	1/8" MNPT		<b>A1 250250</b>
0.827	0.669	1/4" MNPT		<b>A1 251251</b>		
0.906	0.748	3/8" MNPT		<b>A1 252252</b>		
1.004	0.945	1/2" MNPT		<b>A1 253253</b>		
1.004	0.945	3/4" MNPT	1/2" MNPT	<b>A1 254253</b>		

## BRASS UNION

		A (inch)	B (inch)	NPT female thread	Part Numbers
		0.591	0.551	1/8" FNPT	<b>A3 200200</b>
0.866	0.669	1/4" FNPT	<b>A3 201201</b>		
0.945	0.866	3/8" FNPT	<b>A3 202202</b>		
1.181	1.024	1/2" FNPT	<b>A3 203203</b>		

## BRASS BUSHING


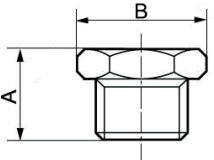
		A (inch)	B (inch)	NPT male thread	NPT female thread	Part Numbers
		0.63	0.551	1/4" MNPT	1/8" FNPT	<b>A4 251200</b>
0.65	0.669	3/8" MNPT	1/8" FNPT	<b>A4 252200</b>		
0.65	0.669	3/8" MNPT	1/4" FNPT	<b>A4 252201</b>		
0.768	0.866	1/2" MNPT	1/4" FNPT	<b>A4 253201</b>		
0.768	0.866	1/2" MNPT	3/8" FNPT	<b>A4 253202</b>		
0.768	0.945	3/4" MNPT	1/4" FNPT	<b>A4 254201</b>		

# FITTINGS EXTENDERS PLUGS

Operating  
pressure  
0 to 217 psi

Construction  
Brass and nickel-  
plated brass

## HEXAGONAL MALE PLUG


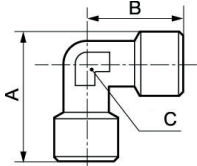
		A (inch)	B (inch)	NPT male thread	Part Numbers
		0.787	0.354	1/2" MNPT	<b>A7 203</b>
0.984	0.551	3/4" MNPT	<b>A7 204</b>		

# FITTINGS - ELBOWS TEE PIECES


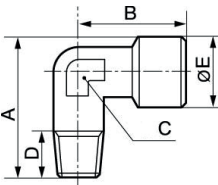
Operating  
pressure  
0 to 217 psi

Construction  
Brass and nickel-  
plated brass


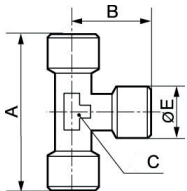
## BRASS ELBOW

		A (inch)	B (inch)	C (inch)	NPT female thread	NPT female thread	Part Numbers
		1.087	0.85	0.425	1/8" FNPT	1/8" FNPT	<b>A9 200200</b>
1.425	1.098	0.512	1/4" FNPT	1/4" FNPT	<b>A9 201201</b>		
1.575	1.181	0.669	3/8" FNPT	3/8" FNPT	<b>A9 202202</b>		
1.843	1.378	0.78	1/2" FNPT	1/2" FNPT	<b>A9 203203</b>		

## BRASS STREET ELBOW

		A (inch)	B (inch)	C (inch)	NPT male thread	NPT female thread	Part Numbers
		1.028	0.866	0.429	1/8" MNPT	1/8" FNPT	<b>A10 200250</b>
1.327	1.122	0.504	1/4" MNPT	1/4" FNPT	<b>A10 201251</b>		
1.496	1.138	0.508	3/8" MNPT	3/8" FNPT	<b>A10 202252</b>		
1.76	1.402	0.78	1/2" MNPT	1/2" FNPT	<b>A10 203253</b>		

## BRASS TEE


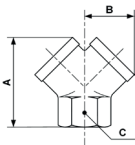
		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		1.543	0.768	0.461	3x 1/8" FNPT	<b>A11 200</b>
2.043	1.008	0.508	3x 1/4" FNPT	<b>A11 201</b>		
2.244	1.134	0.622	3x 3/8" FNPT	<b>A11 202</b>		
2.638	1.35	0.772	3x 1/2" FNPT	<b>A11 203</b>		

# FITTINGS Y PIECES


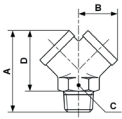
Operating  
pressure  
0 to 217 psi

Construction  
Brass and nickel-  
plated brass

## FEMALE EQUAL Y PIECE

		A (inch)	B (inch)	C (mm)	D (inch)	BSPP female thread	Part Numbers
		1.457	0.807	20	-	3/8" FBSP	<b>Y38</b>
1.772	1.043	25	-	1/2" FBSP	<b>Y12</b>		

## MALE EQUAL Y PIECE

		A (inch)	B (inch)	C (mm)	D (inch)	NPT male thread	Part Numbers
		1.673	0.807	20	1.22	3/8" MBSP	<b>Y38M</b>
2.087	1.043	25	1.535	1/2" MBSP	<b>Y12M</b>		


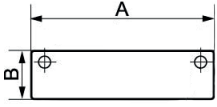
# FITTINGS

## CROSSES MANIFOLDS


Operating  
pressure  
0 to 217 psi

Construction  
Brass and nickel-  
plated brass


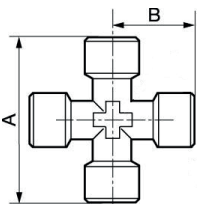
### MANIFOLD BLOCK

		A (inch)	B (inch)	NPT female thread	NPT female thread	Construction	Part Numbers
		6.102	1.417	1/2" FNPT	4 x 1/4" FNPT	Aluminum	<b>A16 203201S4</b>
		7.48	1.417	1/2" FNPT	5 x 1/4" FNPT	Aluminum	<b>A16 203201S5</b>

### MANIFOLD - 3 WAYS

	A (inch)	B (inch)	NPT female thread	Construction	Part Numbers
	-	-	3x 1/4" FNPT	Aluminum	<b>A15 201</b>


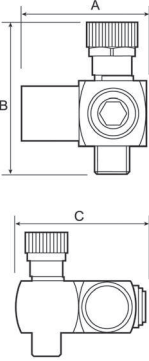
### FEMALE EQUAL CROSS

		A (inch)	B (inch)	NPT female thread	Part Numbers
		1.535	0.768	4x 1/8" FNPT	<b>A14 200</b>
		1.969	0.986	4x 1/4" FNPT	<b>A14 201</b>
		2.205	1.103	4x 3/8" FNPT	<b>A14 202</b>


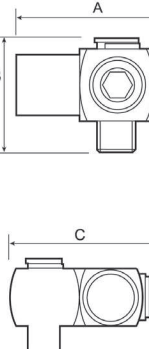


# BI-DIRECTIONAL FITTING

## BI-DIRECTIONAL FITTING WITH REGULATOR

		A (inch)	B (inch)	C (inch)	Description	Operating pressure	Part Numbers
		1.417	2.52	1.713	360° bi-directional fitting	Gauge 0 - 170 psi	<b>OP BDMR201</b>
		1.693	1.378	1.693	360° bi-directional fitting	Without gauge	<b>OP BDR201</b>
<ul style="list-style-type: none"> <li>- Will keep the hose straight without restraint.</li> <li>- Improve pneumatic tools handling and use.</li> <li>- Inlet: 1/4" FBSP</li> <li>- Outlet: 1/4" MBSP</li> </ul>							

## BI-DIRECTIONAL FITTING

		A (inch)	B (inch)	C (inch)	Description	Operating pressure	Part Numbers
		1.378	1.673	1.693	360° bi-directional fitting	Gauge 0 - 170 psi	<b>OP BDM201</b>
		1.693	2.283	1.693	360° bi-directional fitting	Without gauge	<b>OP BD201</b>
<ul style="list-style-type: none"> <li>- Will keep the hose straight without restraint</li> <li>- Improve pneumatic tools handling and use</li> <li>- Inlet: 1/4" FBSP</li> <li>- Outlet: 1/4" MBSP</li> </ul>							

## Ball valves

Valves are necessary equipment for opening and closing air circuits without having to turn off the entire upstream air supply.

They are located throughout the system and used to shut off sections for maintenance, when changing tools, bleeding a line, etc.

## Valve types

- Quarter-turn brass full-flow valves (RSI)
- Butterfly valves
- De-pressurization valves
- Padlockable stainless steel valves
- Double valves
- Mini-valves
- Programmable valves



Compliant with specified dimensions, tolerance and labelling for parallel threads.

### LEAK FREE

Hot forging ensures that the valve body walls are free of micro-leaks.  
PTFE stem gaskets ensure a leaktight seal and maintenance-free use.

### EASY TO USE

Frequent opening and closing of the the valves is facilitated by a long lever that is easy to maneuver.  
The stem does not pass through the ball and is not subjected to any air pressure or risk of ejections.

### HEAVY DUTY

- The valves are made from hot die-forged, high-purity brass and are carefully assembled to guarantee a tough body and long service life. Viton (FPM) gaskets withstand a wide range of applications.
- The valve bodies are nickel-plated and the operating lever is cadmium-plated, for excellent corrosion resistance.

## ■ TECHNICAL SPECIFICATIONS

Brass ball valves	
<b>Full-flow valves</b>	<ul style="list-style-type: none"> <li>• Low pressure losses, optimized flow rate</li> </ul>
<b>Working pressure (cold) for compressed air:</b>	<ul style="list-style-type: none"> <li>• 580 psi up to 1" NPT thread</li> <li>• 464 psi up to 2" NPT thread</li> </ul>
<b>Material</b>	<ul style="list-style-type: none"> <li>• Body and end connections made from high-quality brass to CW617N specifications: hot die-forged, sand blasted and nickel-plated</li> <li>• Self-lubricating pure PTFE seat with flexible edges</li> <li>• Hard chromium-plated brass ball</li> <li>• Viton (FPM) gaskets</li> <li>• Brass shaft</li> <li>• Silicone-free lubricant on all gaskets</li> <li>• Removable carbon steel handle with insulating blue PVC coating</li> </ul>
<b>Temperature</b>	+4°F to +302°F



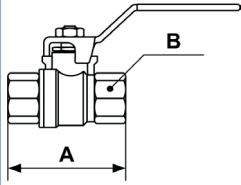
**RoHS Directive** on the restriction of the use of certain hazardous substances in electrical and electronic equipment (lead, mercury, cadmium, hexavalent chromium, polybrominated bi-phenyls –PBBs– and polybrominated di-phenyl ethers –PBDEs–).



**REACH regulations** on the improvement of the management of risks related to the usage and dangerous properties of chemicals manufactured in or imported into the EU.

# BALL VALVES

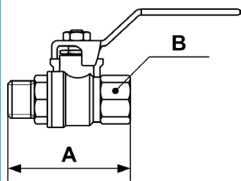
## BALL VALVE - FULL FLOW BRASS



A (inch)	B (mm)	NPT female thread	Max operating pressure (psi)	Part Numbers
1.693	20	1/4" FNPT	580	<b>RSI 201</b>
1.693	20	3/8" FNPT	580	<b>RSI 202</b>
2.008	25	1/2" FNPT	580	<b>RSI 203</b>
2.323	31	3/4" FNPT	580	<b>RSI 204</b>
2.717	38	1" FNPT	580	<b>RSI 205</b>
3.228	48	1 1/4" FNPT	464	<b>RSI 206</b>
3.622	54	1 1/2" FNPT	464	<b>RSI 207</b>
4.409	66	2" FNPT	464	<b>RSI 208</b>

Temperature of use: -14°F to 176°F

## BALL VALVE - MNPT/FNPT


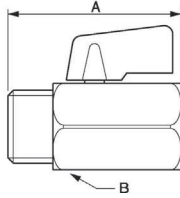


A (inch)	B (mm)	NPT female thread	NPT male thread	Max operating pressure (psi)	Part Numbers
1.772	21	1/4" FNPT	1/4" MNPT	580	<b>RSIMF 201</b>
1.772	21	3/8" FNPT	3/8" MNPT	580	<b>RSIMF 202</b>
2.362	26	1/2" FNPT	1/2" MNPT	580	<b>RSIMF 203</b>
2.756	31	3/4" FNPT	3/4" MNPT	580	<b>RSIMF 204</b>


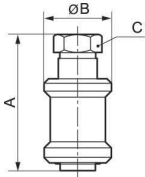
Temperature of use: -14°F to 176°F

# OTHER VALVES

## MINI BALL VALVE PN 16

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>NPT male thread</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.457	0.335	-	1/8" MNPT	1/8" FNPT	<b>MSI 200250</b>
		1.811	0.512	-	1/4" MNPT	1/4" FNPT	<b>MSI 201251</b>
		1.87	0.512	-	3/8" MNPT	3/8" FNPT	<b>MSI 202252</b>
		2.362	0.669	-	1/2" MNPT	1/2" FNPT	<b>MSI 203253</b>
Reduced path Temperature range of use: from 14°F to +194°F Component: chrome brass							

## SLIDE VALVE


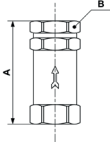
		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (mm)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.89	-	14	1/8" FNPT	<b>A17 200</b>
		2.283	-	17	1/4" FNPT	<b>A17 201</b>
		2.756	-	22	3/8" FNPT	<b>A17 202</b>
		3.15	0.039	26	1/2" FNPT	<b>A17 203</b>
Maximum pressure: 145 psi Temperature of use: 14°F to +176°F						

# NON-RETURN VALVES


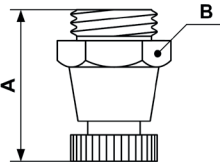
Construction  
Brass body

Highlight  
Network safety

## CHECK VALVE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.378	0.512	-	1/8" FNPT	<b>A24 200</b>
		1.614	0.669	-	1/4" FNPT	<b>A24 201</b>

## MANUAL DRAIN

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>BSPP male thread</b>	<b>NPT male thread</b>	<b>Part Numbers</b>
		0.906	0.591	-	1/4" MBSP		<b>MA 14</b>
		0.906	0.551	-		1/4" MNPT	<b>MA 14T</b>

# SEALING

Applications  
Thread sealant

## THREAD SEALANT



Description	Part Numbers
Sealant tube 1.70 Oz tube Seals 1/8" to 1" threads in 2 hours Immediate curing at 77°F Pressure strength: 87 psi For steel and nickel-plated brass parts Purple color Shear strength: 17-23 N/mm <sup>2</sup> after 24 hours	<b>ETANCHE 177</b>

## TEFLON TAPE



Length (m)	Width (mm)	Thickness (mm)	Description (100 % PTFE)	Part Numbers
12	12	0.076	PTFE Tape	<b>TEFLON 12</b>

## SEALING CORD



Description	Part Numbers
Impregnated multifilament cord Thread sealing tape 100 % PTFE	<b>FLT 150</b>
Impregnated multi-filament cord Length: 400 ft Maximum service pressure: - Compressed air: 10.8 psi - Water: 232 psi - Gas: 72 psi compatible with air, water, natural gas	

**PREVOST PIPING SYSTEM**100% **aluminum**

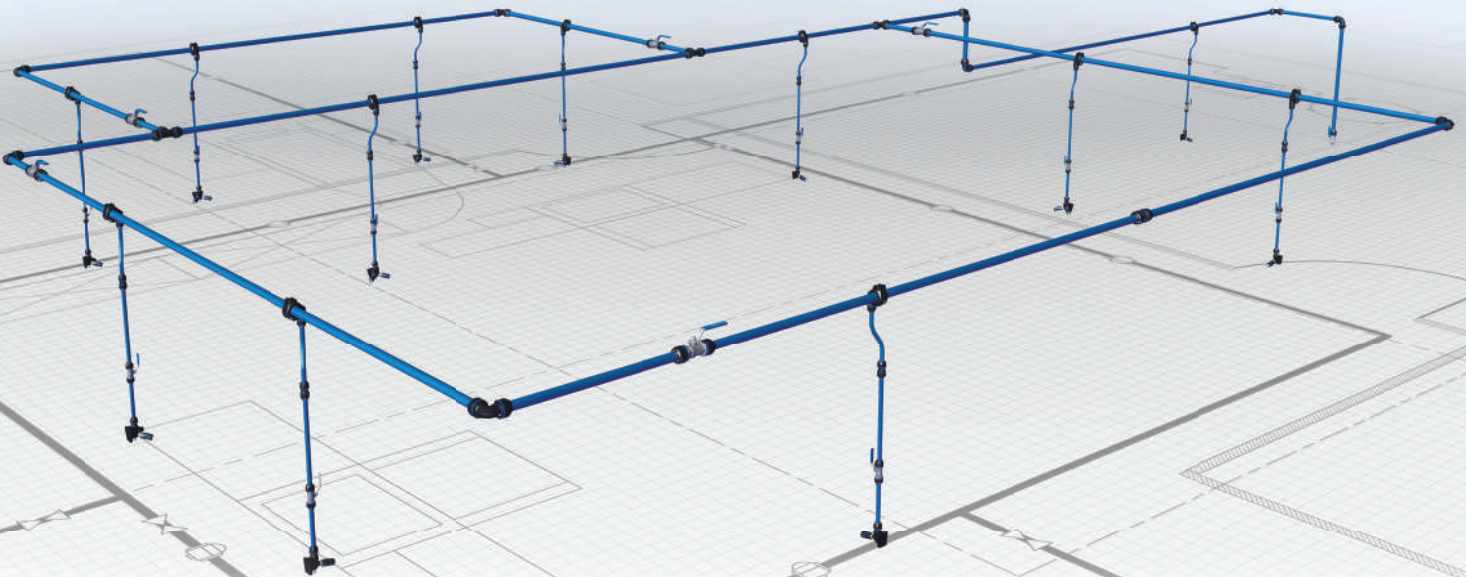
The **PREVOST PIPING SYSTEM** compressed air network range is compact, lightweight and corrosion resistant with all aluminum fittings.

The network can be pressurized immediately after a quick and easy installation.

**The PREVOST PIPING SYSTEM range guarantees:**

- a clean and high quality air supply
- a leak free network with an optimized flow rate
- a maximum working pressure of 232 psi

The network will provide a long service life and can easily be configured so each workstation is well supplied, accessible and organized.





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

### ■ IMPACT STRENGTH

Aluminum is strong enough to withstand pressure and mechanical impacts.

### ■ COMPACT AND LIGHTWEIGHT

The **PPS** aluminum fittings are compact, light and durable.

### ■ HIGH-TECH MATERIAL

The aluminum alloy combined with the external epoxy paint and internal treatment, protects the pipe against oxidation and corrosion.

### ■ QUICK AND EASY TO ASSEMBLE

Simply insert the pipe then tighten the **PPS1** fitting.

### ■ FULLY CUSTOMIZABLE

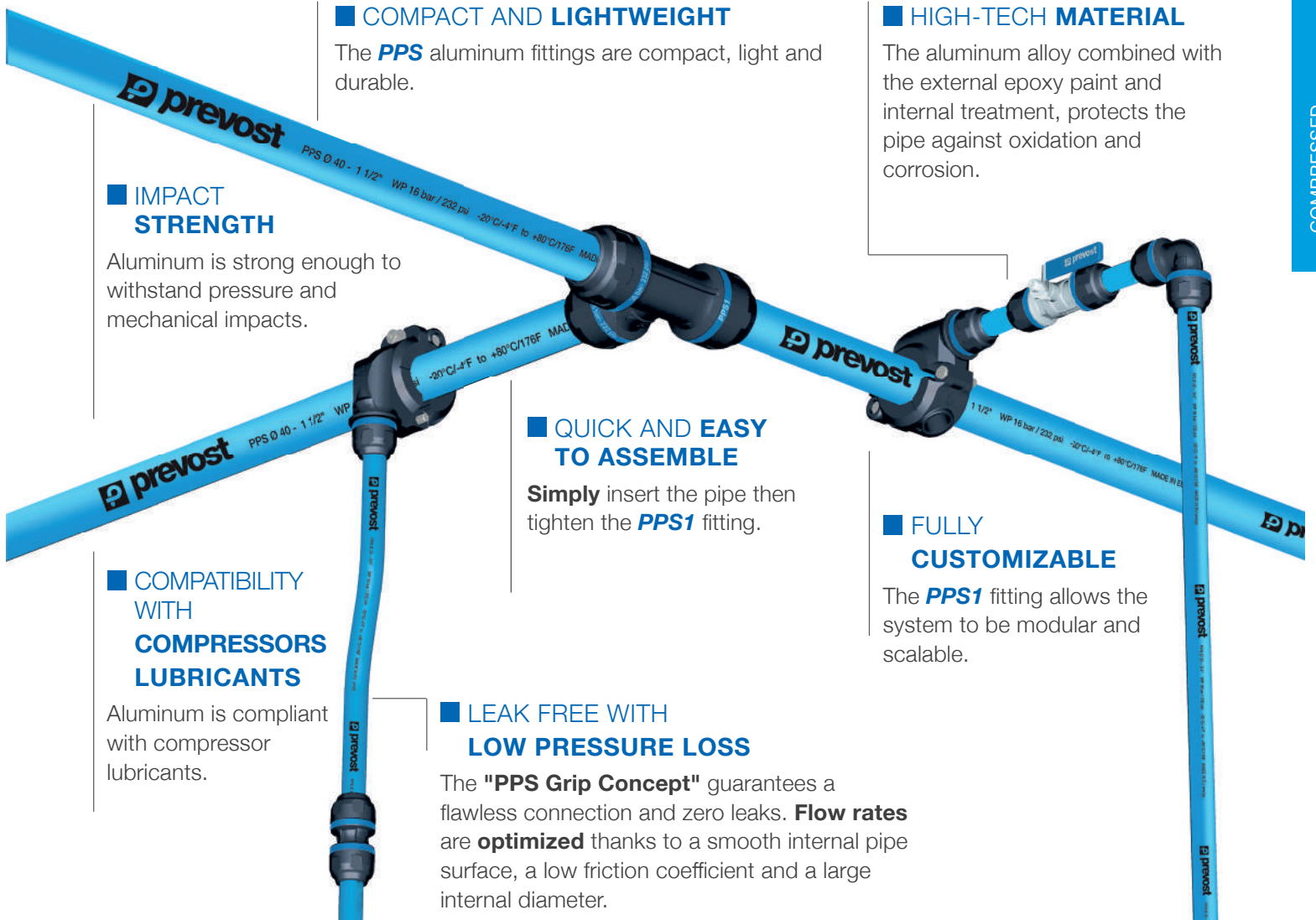
The **PPS1** fitting allows the system to be modular and scalable.

### ■ COMPATIBILITY WITH COMPRESSORS LUBRICANTS

Aluminum is compliant with compressor lubricants.

### ■ LEAK FREE WITH LOW PRESSURE LOSS

The "**PPS Grip Concept**" guarantees a flawless connection and zero leaks. **Flow rates** are **optimized** thanks to a smooth internal pipe surface, a low friction coefficient and a large internal diameter.

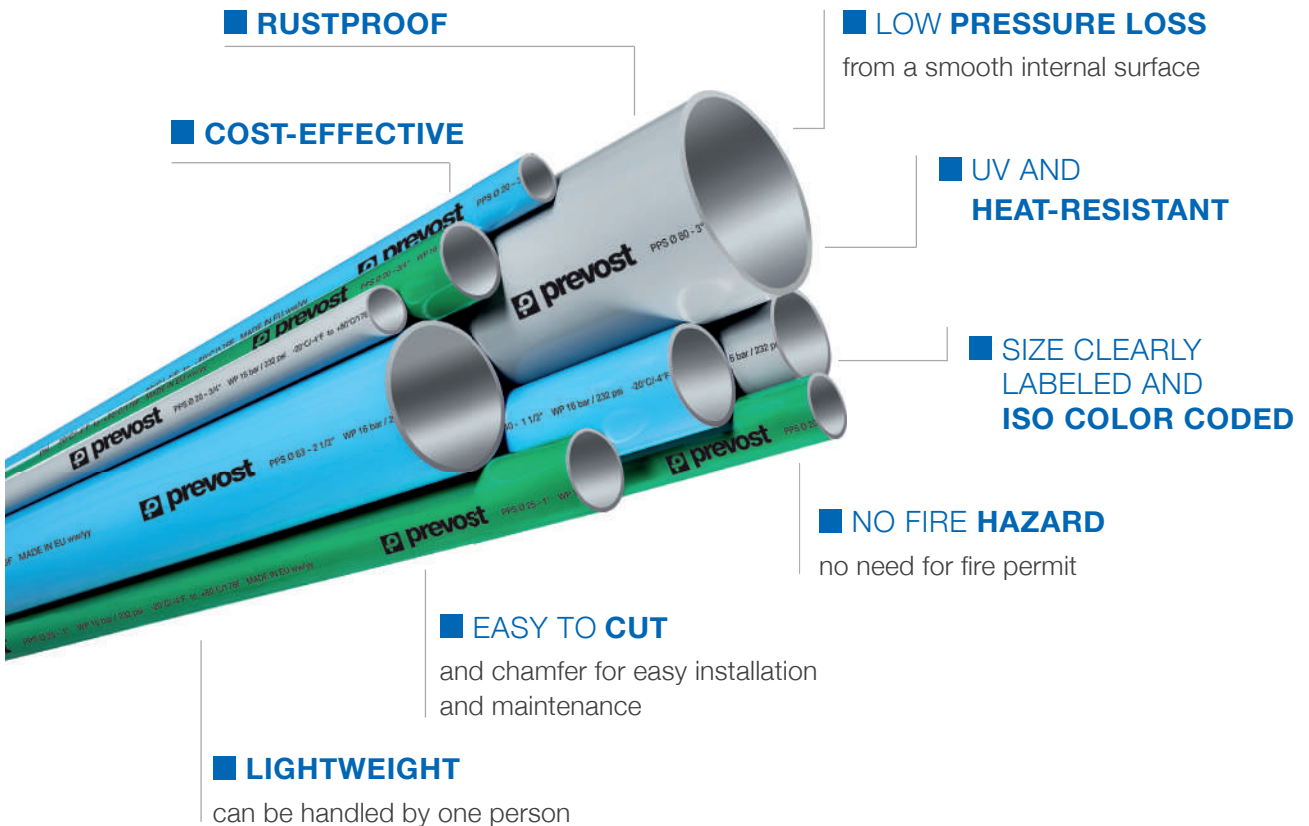




# Compressed air network PPS

## 100% aluminum *pip*ing

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



### ■ RUSTPROOF

### ■ COST-EFFECTIVE

### ■ EASY TO CUT

and chamfer for easy installation and maintenance

### ■ LIGHTWEIGHT

can be handled by one person

### ■ LOW PRESSURE LOSS

from a smooth internal surface

### ■ UV AND HEAT-RESISTANT

### ■ SIZE CLEARLY LABELED AND ISO COLOR CODED

### ■ NO FIRE HAZARD

no need for fire permit

## ■ PIPE PROPERTIES

- **Material:** extruded aluminum EN AW 6060 T6 UNI-EN 573-3 alloy
- **Treatment:** interior and exterior (compliant with RoHS standard)
- **Coating:** electrostatic paint
- **Extrusion quality:** calibrated, seamless
- **Compatible fluids:** compressed air, vacuum, neutral gases
- **Pipe lengths:** 13.12 ft (4 meters) or 19.70 ft (6 meters)
- **Density:** 170 lb/ft<sup>3</sup>
- **Pipe external diameter:** Ø 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)

## 100% aluminum fittings

Pipes are firmly held in the fitting using the **PPS Grip Concept**.

This new concept is based on a stainless steel ring with teeth that penetrate the aluminum. The new contoured and lubricated seal design guarantees a leak free performance.

### IDENTIFICATION

The PREVOST logo is engraved on each fitting



### DIAMETER

Pipe external diameter (mm and inches)



### PRESSURE

Maximum service pressure (bar/psi)



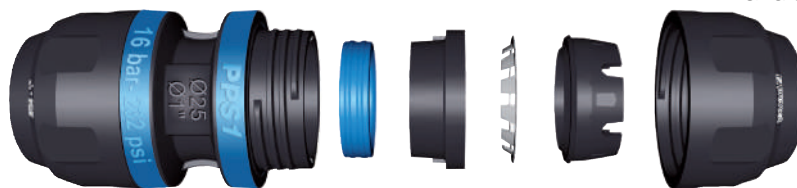
### ID MARKER

To indicate that the pipe is correctly positioned in the fitting



### TRACEABILITY

Clearly marked date of manufacturing code



### LEAK FREE

It is comprised of two Teflon-coated lobes to create a perfect leak free seal

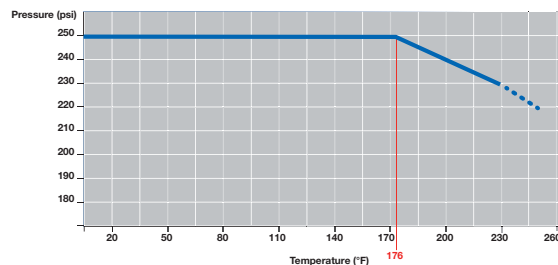
### INTERNAL PARTS

Internal parts cannot be detached from the body after assembly

### TECHNICAL SPECIFICATIONS

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

Pressure graph as a function of temperature



# Compressed air network PPS

## TAPPING PORT 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. The pipe can be drilled and the flange installed without disassembling the entire network.

The tapping flange provides a dry air supply to workstations by drawing air from the wall of the pipe.

The water remaining in the lower portion of the main pipe will drain to a low point by automatic drain trap.



A tapping flange provides a drop to drain condensates.

## VALVES

Multiple options available:



Tube/Tube



Male threaded/Tube



Female threaded/Tube

## TIGHTENING

A PREVOST tightening wrench is recommended to tighten the nut to the accurate specifications. Torque can be set using a torque wrench.



## Network design

A compressed air network involves linking a source of compressed air and one or more compressors to a designated distribution point or points.

The supply line ring main is made of PREVOST aluminum pipes which are installed at a minimum of 8 ft. above floor level and forms the primary loop of the network.

From this main loop, drops (smaller diameter pipes) are installed. The end of a drop should be installed approximately 4 ft. from the ground. The drops form distribution points to plug in air powered equipment such as quick couplings, filters, hoses, etc.

### NETWORK DESIGN CALCULATIONS

To design a network the pipe diameter must be calculated by taking the desired flow rate and the length of the main pipe. The data below is calculated for operating 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 <sup>3</sup> /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	22	367	13	1/2"	1/2"	3/4"	3/4"	1"	1"	1"	1 1/4"	1 1/4"	
3	4	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	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	7.5	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	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	100	1667	59	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"	
15	20	150	2500	88	1"	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"	2"	2 1/2"	
18	25	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	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	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	350	5833	206	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	
37	50	370	6179	218	1 1/2"	1 1/2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"	
45	60	500	8350	294	2"	2"	2"	2 1/2"	2 1/2"	3"	3"	3"	3"	
55	75	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	883	2 1/2"	2 1/2"	2 1/2"	3"						
132	175	1500	25000	1030	3"	3"	3"	3"						
160	215	1750	29167	1030	3"	3"	3"							
200	270	2000	33333	1177	3"	3"	3"							

\* These values may differ slightly from the data provided by compressor manufacturers.

### EXPANSION OF MATERIAL

As the temperature rises and falls, aluminum is subject to expansion and contraction. To compensate for these variables, it is recommended the system be designed to allow for movement.

For small diameters, a flexible hose can be used.

For larger diameters, use an expansion kit.

Expansion coefficient:  $13.7 \times 10^{-6}$  inch per inch per °F.  
Expansion is calculated as follows:

**C:** Expansion coefficient

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

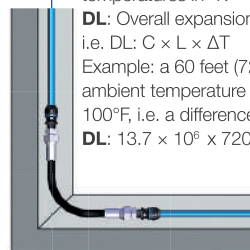
**T:** Difference between the maximum and minimum ambient temperatures in °F.

**DL:** Overall expansion

i.e.  $DL: C \times L \times \Delta T$

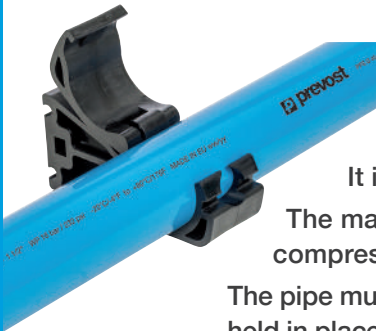
Example: a 60 feet (720 inches) line using 1 1/2" piping, at an ambient temperature of 60°F with a maximum temperature of 100°F, i.e. a difference of 40°F.

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



# Compressed air network PPS

## Guidelines for network installation



Ideally, the compressor room should be spacious, well ventilated, insulated and separate from the rest of the workshop.

Machines must be connected to the PPS network with flexible hoses to eliminate problems related to vibrations and to allow for maintenance (part numbers LEM).

It is important to install bypasses between each machine, the tank(s) and filters.

The main network should form a loop. For safety reasons, we advise installing the main compressed air pipes at a minimum of 8.2 ft (2.50 m) above floor level.

The pipe must be fastened using an adequate number of sliding clamps so the system is securely held in place, yet allowing for expansion and contraction of the pipe (part numbers PPS1 CI).

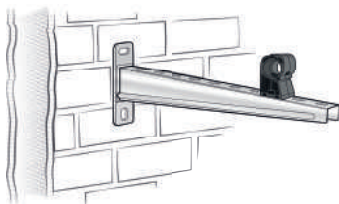
To drain the remaining condensates from the main line, install drops which terminate in an automatic drain trap system.

### ■ MOUNTING THE NETWORK

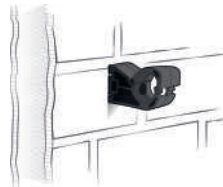
Mounting options must be selected to best suit the configuration of the workshop.

When installing the network, pipes must be perfectly aligned and mounted to a sturdy surface.

For correct assembly, a 10 ft (3 m) distance should be left between the two clamps.



Mounting bracket is secured to a metal support that is installed directly into a wall



Mounting bracket is installed directly to the wall



Pipe suspended with a thread rod



Cable hung pipe

# Assembly guidelines

## TIGHTENING



Hand tighten the nut and then use a torque wrench to the specified recommendations. (ref. PPS CLE)

## CUTTING



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

## CHAMFERING



Chamfering the external edge of the pipe will avoid damages to the seal and inner edge. This will eliminate cutting residue and improve laminar air flow. (ref. PPS CH)

## ASSEMBLY



Unscrew the nut by several turns and then insert the pipe while rotating it slightly until the recommended depth is reached.

## LUBRICANT



The use of 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 reference marks on the fittings or on the wrench).

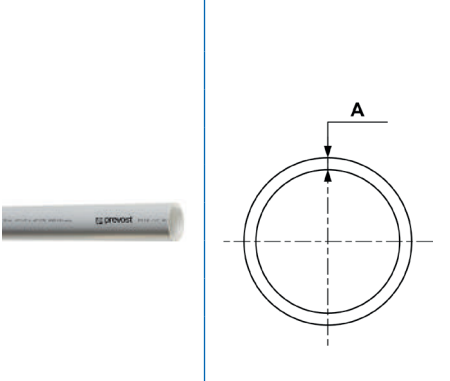
# PPS SYSTEM

## 100% ALUMINUM NETWORK

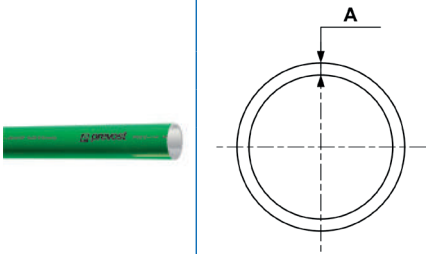
### PPS - ALUMINUM BLUE PIPE FOR COMPRESSED AIR

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Pipe OD (in)	Length (ft)	Part Numbers
		0.051	-	-	-	-	-	1/2"	13.12
0.051	-	-	-	-	-	3/4"	19.70	<b>PPS TUB20L6</b>	
0.055	-	-	-	-	-	1"	19.70	<b>PPS TUB25L6</b>	
0.059	-	-	-	-	-	1 1/4"	19.70	<b>PPS TUB32L6</b>	
0.071	-	-	-	-	-	1 1/2"	19.70	<b>PPS TUB40L6</b>	
0.079	-	-	-	-	-	2"	19.70	<b>PPS TUB50L6</b>	
0.079	-	-	-	-	-	2 1/2"	19.70	<b>PPS TUB63L6</b>	
0.094	-	-	-	-	-	3"	19.70	<b>PPS TUB80L6</b>	

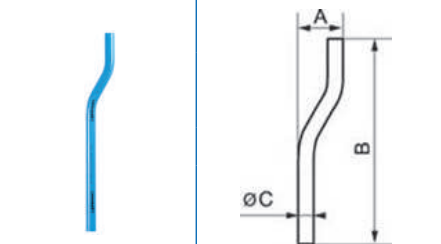
### PPS - ALUMINUM GREY PIPE FOR VACUUM

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Pipe OD (in)	Length (ft)	Part Numbers
		0.051	-	-	-	-	-	1/2"	13.12
0.051	-	-	-	-	-	3/4"	19.70	<b>PPS TUG20L6</b>	
0.055	-	-	-	-	-	1"	19.70	<b>PPS TUG25L6</b>	
0.059	-	-	-	-	-	1 1/4"	19.70	<b>PPS TUG32L6</b>	
0.071	-	-	-	-	-	1 1/2"	19.70	<b>PPS TUG40L6</b>	
0.079	-	-	-	-	-	2"	19.70	<b>PPS TUG50L6</b>	
0.079	-	-	-	-	-	2 1/2"	19.70	<b>PPS TUG63L6</b>	
0.094	-	-	-	-	-	3"	19.70	<b>PPS TUG80L6</b>	

### PPS - ALUMINUM GREEN PIPE FOR NITROGEN

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Pipe OD (in)	Length (ft)	Part Numbers
		0.051	-	-	-	-	-	3/4"	19.70
0.055	-	-	-	-	-	1"	19.70	<b>PPS TUV25L6</b>	

### PPS - ALUMINUM BENT LINK PIPE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Pipe OD (in)	Part Numbers
		3.386	18.898	0.63	-	-	-	1/2"
3.543	19.173	0.787	-	-	-	3/4"	<b>PPS LMCB20</b>	
3.74	19.173	0.984	-	-	-	1"	<b>PPS LMCB25</b>	



Technology  
PPS Grip  
Concept

Operating  
pressure  
0 to 232 psi

Vacuum  
capability  
0.59 inHg  
(vacuum 98%)


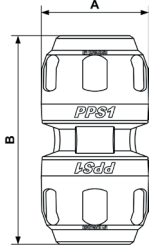
Temperature  
-4°F to +176°F

Construction  
Pipe and fittings:  
aluminum


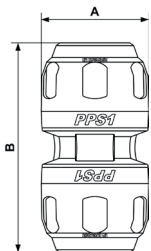
Highlight  
Scalable system

Meets  
standards  
ASME B31.3  
REACH


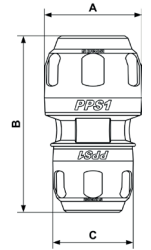
## PPS1 UN - ALUMINUM UNION FOR PIPE

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	Part Numbers
			1.26	2.52	-	-	-	1/2"	<b>PPS1 UN16</b>
1.496	3.071	-	-	-	3/4"	<b>PPS1 UN20</b>			
1.811	3.543	-	-	-	1"	<b>PPS1 UN25</b>			
2.244	4.173	-	-	-	1 1/4"	<b>PPS1 UN32</b>			
2.677	4.921	-	-	-	1 1/2"	<b>PPS1 UN40</b>			
3.307	5.984	-	-	-	2"	<b>PPS1 UN50</b>			
3.937	6.811	-	-	-	2 1/2"	<b>PPS1 UN63</b>			
4.764	8.071	-	-	-	3"	<b>PPS1 UN80</b>			


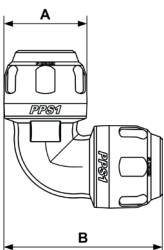
## PPS1 UNS - ALUMINUM FEMALE SLIDING UNION FOR PIPE

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	Part Numbers
			1.811	3.543	-	-	-	1"	<b>PPS1 UNS25</b>
2.244	4.173	-	-	-	1 1/4"	<b>PPS1 UNS32</b>			
2.677	4.921	-	-	-	1 1/2"	<b>PPS1 UNS40</b>			
3.307	5.984	-	-	-	2"	<b>PPS1 UNS50</b>			
3.937	6.811	-	-	-	2 1/2"	<b>PPS1 UNS63</b>			
4.764	8.071	-	-	-	3"	<b>PPS1 UNS80</b>			

## PPS1 MR - ALUMINUM PIPE REDUCING FITTING

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	For pipe OD (in)	Part Numbers
			1.811	3.346	1.496	-	-	1"	3/4"	<b>PPS1 MR2520</b>
2.244	4.016	1.811	-	-	1 1/4"	1"	<b>PPS1 MR3225</b>			
2.677	4.803	2.244	-	-	1 1/2"	1 1/4"	<b>PPS1 MR4032</b>			
3.307	5.591	2.677	-	-	2"	1 1/2"	<b>PPS1 MR5040</b>			
3.937	6.693	3.307	-	-	2 1/2"	2"	<b>PPS1 MR6350</b>			
4.764	7.638	3.937	-	-	3"	2 1/2"	<b>PPS1 MR8063</b>			

## PPS1 9C - 90° ALUMINUM UNION ELBOW FITTING FOR PIPE

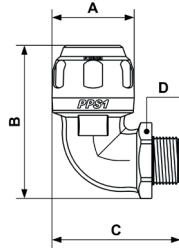
			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	Part Numbers
			1.26	2.441	-	-	-	1/2"	<b>PPS1 9C16</b>
1.496	2.874	-	-	-	3/4"	<b>PPS1 9C20</b>			
1.811	3.504	-	-	-	1"	<b>PPS1 9C25</b>			
2.244	4.173	-	-	-	1 1/4"	<b>PPS1 9C32</b>			
2.677	5.315	-	-	-	1 1/2"	<b>PPS1 9C40</b>			
3.307	5.945	-	-	-	2"	<b>PPS1 9C50</b>			
3.937	7.087	-	-	-	2 1/2"	<b>PPS1 9C63</b>			
4.764	8.583	-	-	-	3"	<b>PPS1 9C80</b>			



# PPS SYSTEM

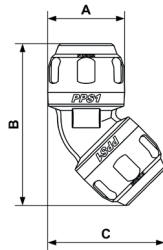
## 100% ALUMINUM NETWORK

### PPS1 9CM - 90° ALUMINUM MALE THREAD ELBOW FITTING FOR PIPE



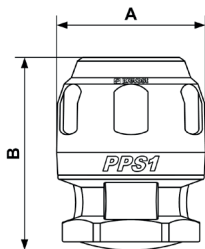
A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	For pipe OD (in)	NPT male thread	Part Numbers
1.26	2.362	1.969	1.024	-	1/2"	3/8" MNPT	<b>PPS1 9CM16252</b>
1.26	2.362	2.165	1.024	-	1/2"	1/2" MNPT	<b>PPS1 9CM16253</b>
1.496	2.835	2.402	1.26	-	3/4"	1/2" MNPT	<b>PPS1 9CM20253</b>
1.811	3.425	2.795	1.496	-	1"	1/2" MNPT	<b>PPS1 9CM25253</b>
1.811	3.425	2.835	1.496	-	1"	3/4" MNPT	<b>PPS1 9CM25254</b>
2.244	4.055	3.465	1.811	-	1 1/4"	1" MNPT	<b>PPS1 9CM32255</b>
2.677	4.843	4.173	2.244	-	1 1/2"	1 1/4" MNPT	<b>PPS1 9CM40256</b>
2.677	4.843	4.173	2.244	-	1 1/2"	1 1/2" MNPT	<b>PPS1 9CM40257</b>

### PPS1 4C - 45° ALUMINUM EQUAL FEMALE ELBOW FITTING FOR PIPE



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	Part Numbers
1.26	2.756	1.969	-	-	1/2"	<b>PPS1 4C16</b>
1.496	3.268	2.323	-	-	3/4"	<b>PPS1 4C20</b>
1.811	3.858	2.756	-	-	1"	<b>PPS1 4C25</b>
2.244	4.606	3.346	-	-	1 1/4"	<b>PPS1 4C32</b>
2.677	5.512	4.016	-	-	1 1/2"	<b>PPS1 4C40</b>

### PPS1 B0 - ALUMINUM PIPE CAP



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	Part Numbers
1.26	1.772	-	-	-	1/2"	<b>PPS1 B016</b>
1.496	2.087	-	-	-	3/4"	<b>PPS1 B020</b>
1.811	2.402	-	-	-	1"	<b>PPS1 B025</b>
2.244	2.756	-	-	-	1 1/4"	<b>PPS1 B032</b>
2.677	3.346	-	-	-	1 1/2"	<b>PPS1 B040</b>
3.307	3.976	-	-	-	2"	<b>PPS1 B050</b>
3.937	4.882	-	-	-	2 1/2"	<b>PPS1 B063</b>
4.764	5.748	-	-	-	3"	<b>PPS1 B080</b>

Technology  
PPS Grip  
Concept

Operating  
pressure  
0 to 232 psi

Vacuum  
capability  
0.59 inHg  
(vacuum 98%)


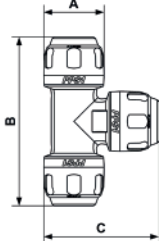
Temperature  
-4°F to +176°F

Construction  
Pipe and fittings:  
aluminum


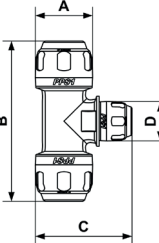
Highlight  
Scalable system

Meets  
standards  
ASME B31.3  
REACH


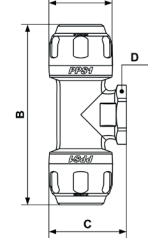
## PPS1 TE - ALUMINUM EQUAL FEMALE TEE FITTING FOR PIPE

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	Part Numbers
			1.26	3.543	2.441	-	-	1/2"	<b>PPS1 TE16</b>
1.496	4.252	2.874	-	-	3/4"	<b>PPS1 TE20</b>			
1.811	5.157	3.504	-	-	1"	<b>PPS1 TE25</b>			
2.244	6.102	4.173	-	-	1 1/4"	<b>PPS1 TE32</b>			
2.677	7.205	5.315	-	-	1 1/2"	<b>PPS1 TE40</b>			
3.307	8.622	5.945	-	-	2"	<b>PPS1 TE50</b>			
3.937	10.276	7.087	-	-	2 1/2"	<b>PPS1 TE63</b>			
4.764	12.402	8.583	-	-	3"	<b>PPS1 TE80</b>			

## PPS1 TR - ALUMINUM REDUCING BRANCH TEE FOR PIPE

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	For pipe OD (in)	Part Numbers
			1.496	4.252	2.598	1.26	-	3/4"	1/2"	<b>PPS1 TR2016</b>
1.811	5.157	3.071	1.26	-	1"	1/2"	<b>PPS1 TR2516</b>			
1.811	5.157	3.268	1.496	-	1"	3/4"	<b>PPS1 TR2520</b>			
2.244	6.102	3.583	1.26	-	1 1/4"	1/2"	<b>PPS1 TR3216</b>			
2.244	6.102	3.78	1.496	-	1 1/4"	3/4"	<b>PPS1 TR3220</b>			
2.244	6.102	4.016	1.811	-	1 1/4"	1"	<b>PPS1 TR3225</b>			

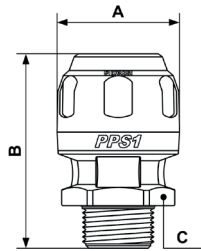
## PPS1 TT - ALUMINUM PARALLEL FEMALE THREAD TEE FITTING FOR PIPE

			A (inch)	B (inch)	C (inch)	D (mm)	E (inch)	For pipe OD (in)	NPT female thread	Part Numbers
			1.26	3.543	1.575	26	-	1/2"	3/8" FNPT	<b>PPS1 TT16202</b>
1.496	4.252	1.85	32	-	3/4"	1/2" FNPT	<b>PPS1 TT20203</b>			
1.811	5.157	2.205	38	-	1"	1/2" FNPT	<b>PPS1 TT25203</b>			
1.811	5.157	2.205	38	-	1"	3/4" FNPT	<b>PPS1 TT25204</b>			
2.244	6.102	2.677	46	-	1 1/4"	3/4" FNPT	<b>PPS1 TT32204</b>			
2.244	6.102	2.677	46	-	1 1/4"	1" FNPT	<b>PPS1 TT32205</b>			
2.677	7.205	3.346	57	-	1 1/2"	3/4" FNPT	<b>PPS1 TT40204</b>			
2.677	7.205	3.346	57	-	1 1/2"	1" FNPT	<b>PPS1 TT40205</b>			
2.677	7.205	3.346	57	-	1 1/2"	1 1/4" FNPT	<b>PPS1 TT40206</b>			
3.307	8.622	3.976	72	-	2"	1" FNPT	<b>PPS1 TT50205</b>			
3.307	8.622	3.976	72	-	2"	1 1/4" FNPT	<b>PPS1 TT50206</b>			
3.307	8.622	3.976	72	-	2"	1 1/2" FNPT	<b>PPS1 TT50207</b>			
3.937	10.276	5.079	90	-	2 1/2"	1" FNPT	<b>PPS1 TT63205</b>			
3.937	10.276	5.079	90	-	2 1/2"	1 1/4" FNPT	<b>PPS1 TT63206</b>			
3.937	10.276	5.079	90	-	2 1/2"	1 1/2" FNPT	<b>PPS1 TT63207</b>			
3.937	10.276	5.079	90	-	2 1/2"	2" FNPT	<b>PPS1 TT63208</b>			
4.764	12.402	6.102	110	-	3"	1" FNPT	<b>PPS1 TT80205</b>			
4.764	12.402	6.102	110	-	3"	1 1/2" FNPT	<b>PPS1 TT80207</b>			
4.764	12.402	6.102	110	-	3"	2" FNPT	<b>PPS1 TT80208</b>			
4.764	12.402	6.102	110	-	3"	2 1/2" FNPT	<b>PPS1 TT80209</b>			

# PPS SYSTEM

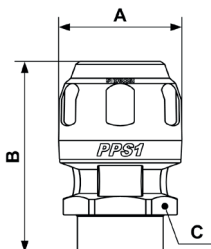
## 100% ALUMINUM NETWORK

### PPS1 MM - ALUMINUM TAPERED MALE THREAD STRAIGHT FITTING FOR PIPE



A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	For pipe OD (in)	NPT male thread	Part Numbers
1.26	2.047	26	-	-	1/2"	3/8" MNPT	<b>PPS1 MM16252</b>
1.26	2.283	26	-	-	1/2"	1/2" MNPT	<b>PPS1 MM16253</b>
1.496	2.559	32	-	-	3/4"	1/2" MNPT	<b>PPS1 MM20253</b>
1.496	2.638	32	-	-	3/4"	3/4" MNPT	<b>PPS1 MM20254</b>
1.811	2.874	38	-	-	1"	1/2" MNPT	<b>PPS1 MM25253</b>
1.811	2.913	38	-	-	1"	3/4" MNPT	<b>PPS1 MM25254</b>
1.811	3.071	38	-	-	1"	1" MNPT	<b>PPS1 MM25255</b>
2.244	3.465	46	-	-	1 1/4"	1" MNPT	<b>PPS1 MM32255</b>
2.244	3.504	46	-	-	1 1/4"	1 1/4" MNPT	<b>PPS1 MM32256</b>
2.677	4.173	57	-	-	1 1/2"	1 1/4" MNPT	<b>PPS1 MM40256</b>
2.677	4.173	57	-	-	1 1/2"	1 1/2" MNPT	<b>PPS1 MM40257</b>
3.307	4.724	72	-	-	2"	1 1/2" MNPT	<b>PPS1 MM50257</b>
3.307	4.882	72	-	-	2"	2" MNPT	<b>PPS1 MM50258</b>
3.937	5.748	90	-	-	2 1/2"	2" MNPT	<b>PPS1 MM63258</b>
3.937	5.984	90	-	-	2 1/2"	2 1/2" MNPT	<b>PPS1 MM63259</b>
4.764	6.811	110	-	-	3"	2 1/2" MNPT	<b>PPS1 MM80259</b>
4.764	6.89	110	-	-	3"	3" MNPT	<b>PPS1 MM802510</b>

### PPS1 MF - ALUMINUM FEMALE THREAD STRAIGHT FITTING FOR PIPE



A (inch)	B (inch)	C (mm)	D (inch)	E (inch)	For pipe OD (in)	NPT female thread	Part Numbers
1.26	2.087	26	-	-	1/2"	3/8" FNPT	<b>PPS1 MF16202</b>
1.26	2.087	26	-	-	1/2"	1/2" FNPT	<b>PPS1 MF16203</b>
1.496	2.48	32	-	-	3/4"	1/2" FNPT	<b>PPS1 MF20203</b>
1.496	2.48	32	-	-	3/4"	3/4" FNPT	<b>PPS1 MF20204</b>
1.811	2.835	38	-	-	1"	1/2" FNPT	<b>PPS1 MF25203</b>
1.811	2.835	38	-	-	1"	3/4" FNPT	<b>PPS1 MF25204</b>
1.811	2.835	38	-	-	1"	1" FNPT	<b>PPS1 MF25205</b>
2.244	3.268	46	-	-	1 1/4"	1" FNPT	<b>PPS1 MF32205</b>
2.244	3.268	46	-	-	1 1/4"	1 1/4" FNPT	<b>PPS1 MF32206</b>
2.677	3.858	57	-	-	1 1/2"	1 1/4" FNPT	<b>PPS1 MF40206</b>
2.677	4.055	57	-	-	1 1/2"	1 1/2" FNPT	<b>PPS1 MF40207</b>
3.307	4.331	72	-	-	2"	1 1/2" FNPT	<b>PPS1 MF50207</b>
3.307	4.528	72	-	-	2"	2" FNPT	<b>PPS1 MF50208</b>
3.937	5.394	90	-	-	2 1/2"	2" FNPT	<b>PPS1 MF63208</b>
3.937	5.591	90	-	-	2 1/2"	2 1/2" FNPT	<b>PPS1 MF63209</b>
4.764	6.457	110	-	-	3"	2 1/2" FNPT	<b>PPS1 MF80209</b>
4.764	6.457	110	-	-	3"	3" FNPT	<b>PPS1 MF802010</b>

Technology  
PPS Grip  
Concept

Operating  
pressure  
0 to 232 psi

Vacuum  
capability  
0.59 inHg  
(vacuum 98%)


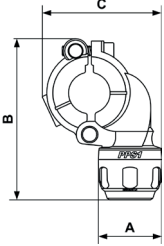
Temperature  
-4°F to +176°F

Construction  
Pipe and fittings:  
aluminum


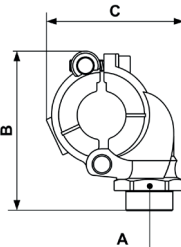
Highlight  
Scalable system

Meets  
standards  
ASME B31.3  
REACH

## PPS1 BP - ALUMINUM TAPPING FLANGE FOR PIPE

			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	For pipe OD (in)	Part Numbers
			1.26	3.701	2.756	-	-	1"	1/2"	<b>PPS1 BP2516</b>
1.496	3.858	2.835	-	-	1"	3/4"	<b>PPS1 BP2520</b>			
1.26	3.701	2.756	-	-	1 1/4"	1/2"	<b>PPS1 BP3216</b>			
1.496	3.858	2.835	-	-	1 1/4"	3/4"	<b>PPS1 BP3220</b>			
1.26	4.803	4.016	-	-	1 1/2"	1/2"	<b>PPS1 BP4016</b>			
1.496	5	4.016	-	-	1 1/2"	3/4"	<b>PPS1 BP4020</b>			
1.811	5.118	4.055	-	-	1 1/2"	1"	<b>PPS1 BP4025</b>			
1.26	4.803	4.016	-	-	2"	1/2"	<b>PPS1 BP5016</b>			
1.496	5	4.016	-	-	2"	3/4"	<b>PPS1 BP5020</b>			
1.811	5.118	4.055	-	-	2"	1"	<b>PPS1 BP5025</b>			
1.496	6.417	5.787	-	-	2 1/2"	3/4"	<b>PPS1 BP6320</b>			
1.811	6.575	5.787	-	-	2 1/2"	1"	<b>PPS1 BP6325</b>			
2.244	6.496	5.787	-	-	2 1/2"	1 1/4"	<b>PPS1 BP6332</b>			
1.496	6.417	5.787	-	-	3"	3/4"	<b>PPS1 BP8020</b>			
1.811	6.575	5.787	-	-	3"	1"	<b>PPS1 BP8025</b>			
2.244	6.496	5.787	-	-	3"	1 1/4"	<b>PPS1 BP8032</b>			


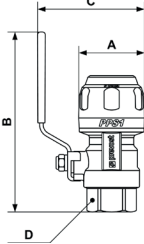
## PPS1 BT - ALUMINUM THREAD TAPPING FLANGE

			A (mm)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	NPT female thread	Part Numbers
			32	3.228	2.756	-	-	1"	3/8" FNPT	<b>PPS1 BT25202</b>
32	3.228	2.756	-	-	1"	1/2" FNPT	<b>PPS1 BT25203</b>			
44	4.331	4.016	-	-	1 1/2"	1/2" FNPT	<b>PPS1 BT40203</b>			
32	3.228	2.756	-	-	1 1/4"	1/2" FNPT	<b>PPS1 BT32203</b>			
44	4.331	4.016	-	-	1 1/2"	3/4" FNPT	<b>PPS1 BT40204</b>			
32	3.307	2.756	-	-	1 1/4"	3/4" FNPT	<b>PPS1 BT32204</b>			
44	4.331	4.016	-	-	1 1/2"	1" FNPT	<b>PPS1 BT40205</b>			
44	4.331	4.016	-	-	2"	1/2" FNPT	<b>PPS1 BT50203</b>			
44	4.331	4.016	-	-	2"	3/4" FNPT	<b>PPS1 BT50204</b>			
44	4.331	4.016	-	-	2"	1" FNPT	<b>PPS1 BT50205</b>			
57	6.339	5.787	-	-	2 1/2"	1/2" FNPT	<b>PPS1 BT63203</b>			
57	6.339	5.787	-	-	2 1/2"	3/4" FNPT	<b>PPS1 BT63204</b>			
57	6.378	5.787	-	-	2 1/2"	1" FNPT	<b>PPS1 BT63205</b>			
57	6.339	5.787	-	-	3"	1/2" FNPT	<b>PPS1 BT80203</b>			
57	6.339	5.787	-	-	3"	3/4" FNPT	<b>PPS1 BT80204</b>			
57	6.378	5.787	-	-	3"	1" FNPT	<b>PPS1 BT80205</b>			


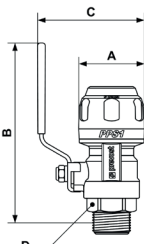
# PPS SYSTEM

## 100% ALUMINUM NETWORK


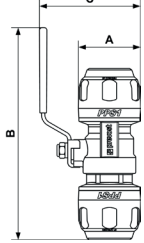
### PPS1 RSIF - PARALLEL FEMALE THREAD VALVES WITH FITTINGS FOR PIPE

		A (inch)	B (inch)	C (inch)	D (mm)	E (inch)	For pipe OD (in)	NPT female thread	Part Numbers
		1.26	4.764	2.52	25	-	1/2"	1/2" FNPT	<b>PPS1 RSIF16203</b>
1.496	4.764	2.598	25	-	3/4"	1/2" FNPT	<b>PPS1 RSIF20203</b>		
1.811	4.921	2.953	31	-	1"	3/4" FNPT	<b>PPS1 RSIF25204</b>		
2.244	5.945	3.346	40	-	1 1/4"	1" FNPT	<b>PPS1 RSIF32205</b>		
2.677	6.181	3.902	25	-	1 1/2"	1 1/4" FNPT	<b>PPS1 RSIF40206</b>		
3.307	8.051	4.823	55	-	2"	1 1/2" FNPT	<b>PPS1 RSIF50207</b>		
3.937	9.252	10.945	-	-	2 1/2"	2" FNPT	<b>PPS1 RSIF63208</b>		
4.764	11.811	9.843	-	-	3"	2 1/2" FNPT	<b>PPS1 RSIF80209</b>		

### PPS1 RSIM - PARALLEL MALE THREAD VALVES WITH FITTINGS FOR PIPE

		A (inch)	B (inch)	C (inch)	D (mm)	E (inch)	For pipe OD (in)	NPT male thread	Part Numbers
		1.26	5.118	2.52	24	-	1/2"	1/2" MNPT	<b>PPS1 RSIM16253</b>
1.496	5.118	2.598	24	-	3/4"	1/2" MNPT	<b>PPS1 RSIM20253</b>		
1.811	5.236	2.953	27	-	1"	3/4" MNPT	<b>PPS1 RSIM25254</b>		
2.244	6.299	3.346	36	-	1 1/4"	1" MNPT	<b>PPS1 RSIM32255</b>		
2.677	6.634	3.902	47	-	1 1/2"	1 1/4" MNPT	<b>PPS1 RSIM40256</b>		
3.307	8.465	4.823	50	-	2"	1 1/2" MNPT	<b>PPS1 RSIM50257</b>		

### PPS1 RSI - PIPING VALVE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	Part Numbers
		1.26	5.512	2.52	-	-	1/2"	<b>PPS1 RSI16</b>
1.496	5.787	2.598	-	-	3/4"	<b>PPS1 RSI20</b>		
1.811	6.181	2.953	-	-	1"	<b>PPS1 RSI25</b>		
2.244	7.441	3.346	-	-	1 1/4"	<b>PPS1 RSI32</b>		
2.677	7.953	3.902	-	-	1 1/2"	<b>PPS1 RSI40</b>		
3.307	9.213	4.823	-	-	2"	<b>PPS1 RSI50</b>		
3.937	12.598	10.827	-	-	2 1/2"	<b>PPS1 RSI63</b>		
4.764	15.512	9.843	-	-	3"	<b>PPS1 RSI80</b>		

Technology  
PPS Grip  
Concept

Operating  
pressure  
0 to 232 psi

Vacuum  
capability  
0.59 inHg  
(vacuum 98%)

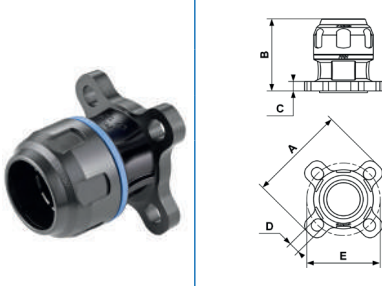
Temperature  
-4°F to +176°F

Construction  
Pipe and fittings:  
aluminum

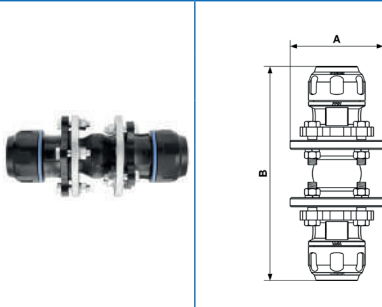
Highlight  
Scalable system

Meets  
standards  
ASME B31.3  
REACH


## PPS1 UF - FLANGE

	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For pipe OD (in)	Part Numbers
	6.417	4.921	0.63	0.748	4.835	2 1/2"	<b>PPS1 UF63</b>
	7.205	5.394	0.63	0.748	5.604	3"	<b>PPS1 UF80</b>
Compliant with DIN EN1092 and ANSI EN1759 Standards							


## PPS1 DK - DILATATION KIT

	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For tube OD (in)	Part Numbers
	6.496	14.961	-	-	-	2 1/2"	<b>PPS1 DK63</b>
	7.283	15.748	-	-	-	3"	<b>PPS1 DK80</b>

## PPS1 LK - LOCK KIT FOR VALVE

	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For valve Ø (in)	Part Numbers
	-	-	-	-	-	(1) 1/2" to 1"	<b>PPS1 LK1625</b>
	-	-	-	-	-	(1) 1 1/4" to 1 1/2"	<b>PPS1 LK3240</b>
	-	-	-	-	-	(1) 2"	<b>PPS1 LK50</b>
	-	-	-	-	-	(2) 2 1/2" to 3"	<b>PPS1 LK6380</b>

## PPS1 NUT - ALUMINUM NUT

	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For fitting Ø (in)	Part Numbers
	-	-	-	-	-	1/2"	<b>PPS1 NUT16</b>
	-	-	-	-	-	3/4"	<b>PPS1 NUT20</b>
	-	-	-	-	-	1"	<b>PPS1 NUT25</b>
	-	-	-	-	-	1 1/4"	<b>PPS1 NUT32</b>
	-	-	-	-	-	1 1/2"	<b>PPS1 NUT40</b>
	-	-	-	-	-	2"	<b>PPS1 NUT50</b>
	-	-	-	-	-	2 1/2"	<b>PPS1 NUT63</b>
	-	-	-	-	-	3"	<b>PPS1 NUT80</b>

# PPS SYSTEM

## 100% ALUMINUM NETWORK

Technology  
PPS Grip  
Concept

Operating  
pressure  
0 to 232 psi

Vacuum  
capability  
0.59 inHg  
(vacuum 98%)

Temperature  
-4°F to +176°F

Construction  
Pipe and fittings:  
aluminum

Highlight  
Scalable system

Meets  
standards  
ASME B31.3  
REACH

### PPS1 SEAL - INTERNAL SEAL



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For fitting Ø (in)	Part Numbers
-	-	-	-	-	1/2"	<b>PPS1 SEAL16</b>
-	-	-	-	-	3/4"	<b>PPS1 SEAL20</b>
-	-	-	-	-	1"	<b>PPS1 SEAL25</b>
-	-	-	-	-	1 1/4"	<b>PPS1 SEAL32</b>
-	-	-	-	-	1 1/2"	<b>PPS1 SEAL40</b>
-	-	-	-	-	2"	<b>PPS1 SEAL50</b>
-	-	-	-	-	2 1/2"	<b>PPS1 SEAL63</b>
-	-	-	-	-	3"	<b>PPS1 SEAL80</b>

### PPS1 IP - INTERNAL PARTS KIT



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For fitting Ø (in)	Part Numbers
-	-	-	-	-	1/2"	<b>PPS1 IP16</b>
-	-	-	-	-	3/4"	<b>PPS1 IP20</b>
-	-	-	-	-	1"	<b>PPS1 IP25</b>
-	-	-	-	-	1 1/4"	<b>PPS1 IP32</b>
-	-	-	-	-	1 1/2"	<b>PPS1 IP40</b>
-	-	-	-	-	2"	<b>PPS1 IP50</b>
-	-	-	-	-	2 1/2"	<b>PPS1 IP63</b>
-	-	-	-	-	3"	<b>PPS1 IP80</b>

### PPS1 BA - BAND KIT



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	For fitting Ø (in)	Part Numbers
-	-	-	-	-	1/2"	<b>PPS1 BA16</b>
-	-	-	-	-	3/4"	<b>PPS1 BA20</b>
-	-	-	-	-	1"	<b>PPS1 BA25</b>
-	-	-	-	-	1 1/4"	<b>PPS1 BA32</b>
-	-	-	-	-	1 1/2"	<b>PPS1 BA40</b>
-	-	-	-	-	2"	<b>PPS1 BA50</b>
-	-	-	-	-	2 1/2"	<b>PPS1 BA63</b>
-	-	-	-	-	3"	<b>PPS1 BA80</b>

(unit of sales = 10 band)

# ACCESSORIES FOR PPS RINGMAIN ASSEMBLY

## PPS1 CLE - SPANNER WRENCH



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

## PPS CLESTD - NEUTRAL HOOK SPANNER



A (inch)	B (inch)	C (inch)	D (inch)	For fitting Ø (in)	Part Numbers
-	-	-	-	1/2" to 3"	<b>PPS CLESTD</b>

Wrench used to hold the body while tightening

## PPS SP - DRILL BIT FOR TAPING FLANGE



A (inch)	B (inch)	C (inch)	D (inch)	Drill Ø (in)	For pipe OD (in)	Part Numbers
-	-	-	-	0.63"	1/2" to 1 1/4"	<b>PPS SP16</b>
-	-	-	-	0.87"	1 1/2" to 2"	<b>PPS SP22</b>
-	-	-	-	1.18"	2 1/2" to 3"	<b>PPS SP30</b>

Bores through pipe to install for PPS1 BT and PPS1 BP tapping flanges

## PPS CHE - PIPE CHAMFERING AND DEBURRING TOOLS



A (inch)	B (inch)	C (inch)	D (inch)	For tube OD (in)	Function	Part Numbers
-	-	-	-	(1) 1/2" to 2"	-	<b>PPS CH50</b>
-	-	-	-	(2) 1/2" to 2"	-	<b>PPS CHP50</b>
-	-	-	-	-	(3) Deburring inside / outside	<b>PPS CHERAP</b>
-	-	-	-	(4) 2 1/2" to 3"	-	<b>PPS CH110</b>

## PPS AL - LIQUID FOR ASSEMBLY



A (inch)	B (inch)	C (inch)	D (inch)	Capacity (fl Oz)	Part Numbers
-	-	-	-	22	<b>PPS AL</b>

Lubricates pipe to facilitate insertion into the fittings



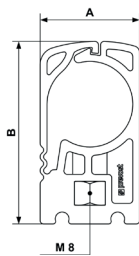
# ACCESSORIES FOR PPS RINGMAIN ASSEMBLY

## PPS CTU - PIPE CUTTER



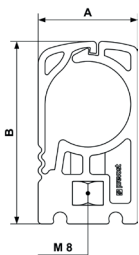
A (inch)	B (inch)	C (inch)	D (inch)	For pipe OD (in)	Part Numbers
-	-	-	-	1/2" to 2 1/2"	<b>PPS CTU63</b>
-	-	-	-	2 1/2" to 3"	<b>PPS CTU110</b>

## PPS1 CI - PIPING CLAMP



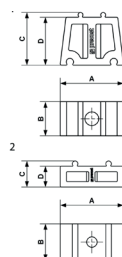
A (inch)	B (inch)	C (inch)	D (inch)	For pipe OD (in)	Thread	Part Numbers
0.945	1.85	-	-	1/2"	M8	<b>PPS1 CI16</b>
0.945	1.929	-	-	3/4"	M8	<b>PPS1 CI20</b>
1.142	2.087	-	-	1"	M8	<b>PPS1 CI25</b>
1.496	2.244	-	-	1 1/4"	M8	<b>PPS1 CI32</b>
1.929	3.917	-	-	1 1/2"	M8	<b>PPS1 CI40</b>
2.323	4.114	-	-	2"	M8	<b>PPS1 CI50</b>
2.953	5.315	-	-	2 1/2"	M8	<b>PPS1 CI63</b>
3.543	5.709	-	-	3"	M8	<b>PPS1 CI80</b>

## PPS1 CI UNC - PIPING CLAMP (UNIT OF SALES = 1 BOX OF 5 CLAMPS)



A (inch)	B (inch)	C (inch)	D (inch)	For pipe OD (in)	UNC female thread	Part Numbers
0.945	1.85	-	-	1/2"	3/8	<b>PPS1 CI16UNC</b>
0.945	1.929	-	-	3/4"	3/8	<b>PPS1 CI20UNC</b>
1.142	2.087	-	-	1"	3/8	<b>PPS1 CI25UNC</b>
1.496	2.244	-	-	1 1/4"	3/8	<b>PPS1 CI32UNC</b>
1.929	3.917	-	-	1 1/2"	3/8	<b>PPS1 CI40UNC</b>
2.323	4.114	-	-	2"	3/8	<b>PPS1 CI50UNC</b>
2.953	5.315	-	-	2 1/2"	3/8	<b>PPS1 CI63UNC</b>
3.543	5.709	-	-	3"	3/8	<b>PPS1 CI80UNC</b>

## PPS1 CIS - SPACER FOR PIPING CLAMP



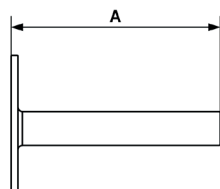
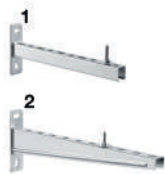
A (inch)	B (inch)	C (inch)	D (inch)	Length (in)	Part Numbers
1.811	0.984	1.516	1.378	(1) 1.38	<b>PPS1 CIS1632</b>
2.382	1.378	0.984	0.787	(2) 0.79	<b>PPS1 CIS4050</b>

### PPS1 CIRSI - BRACKET FOR VALVE



A (inch)	B (inch)	C (inch)	D (inch)	For pipe OD (in)	Part Numbers
-	-	-	-	1/2"	<b>PPS1 CIRSI16</b>
-	-	-	-	3/4"	<b>PPS1 CIRSI20</b>
-	-	-	-	1"	<b>PPS1 CIRSI25</b>
-	-	-	-	1 1/4"	<b>PPS1 CIRSI32</b>
-	-	-	-	1 1/2"	<b>PPS1 CIRSI40</b>
-	-	-	-	2"	<b>PPS1 CIRSI50</b>
-	-	-	-	2 1/2"	<b>PPS1 CIRSI63</b>
-	-	-	-	3"	<b>PPS1 CIRSI80</b>

### METAL SUPPORT BRACKET



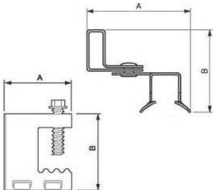
A (inch)	B (inch)	C (inch)	D (inch)	Length (in)	Max load distributed over the entire length (lb)	Part Numbers
7.087	-	-	-	(1) 7.09	293.2	<b>CS 180L</b>
11.811	-	-	-	(1) 11.81	176.4	<b>CS 310L</b>
16.535	-	-	-	(1) 16.54	124.3	<b>CS 420L</b>
20.079	-	-	-	(2) 20.08	165.3	<b>CS 500</b>

### SCREW FOR METAL SUPPORT



A (inch)	B (inch)	C (inch)	D (inch)	Length (in)	Metric thread	Part Numbers
-	-	-	-	0.79	M8	<b>CS VIS1</b>
-	-	-	-	1.57	M8	<b>CS VIS2</b>


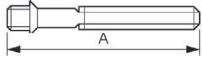
### M8 BEAM CLIP




A (inch)	B (inch)	C (inch)	D (inch)	Panel thickness (in)	Metric thread	Part Numbers
1.85	1.772	-	-	(1) .11" to .31"		<b>CP 38</b>
2.087	1.772	-	-	(1) .31" to .55"		<b>CP 814</b>
2.283	1.772	-	-	(1) .55" to .78"		<b>CP 1420</b>
1.181	1.339	-	-	(2) up to .63" max.	M6 or cross-piece	<b>CP 016</b>
1.378	1.378	-	-	(3) .04" to .31"	M8	<b>CP M8</b>

# ACCESSORIES FOR PPS RINGMAIN ASSEMBLY


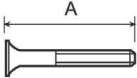
## GALVANIZED STUD M8

		A (inch)	B (inch)	C (inch)	D (inch)	Length (in)	Metric thread	Part Numbers	
		1.969	-	-	-	-	1.97"	M8	<b>PV 80</b>
		3.15	-	-	-	-	3.15"	M8	<b>PV 880</b>
		-	-	-	-	-		M8 male x 3/8"UNC Female adapter	<b>TA M8FU</b>


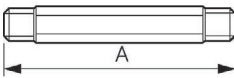
## SUSPENSION SYSTEM FOR PIPING CLAMP

	A (inch)	B (inch)	C (inch)	D (inch)	Length (ft)	Metric thread	Part Numbers	
	-	-	-	-	-	5'	3/8 UNC	<b>SK SC5T</b>
	-	-	-	-	-	10'	3/8 UNC	<b>SK SC10T</b>


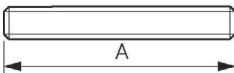
## SCREW Ø 6 MM

		A (inch)	B (inch)	C (inch)	D (inch)	Length (in)	Part Numbers	
		2.362	-	-	-	-	2.36"	<b>TVB 660</b>
		3.543	-	-	-	-	3.54"	<b>TVB 690</b>

## M8 MALE STRUT

		A (inch)	B (inch)	C (inch)	D (inch)	Metric thread	Part Numbers
		3.031	-	-	-	-	-

## M8 UNION CONNECTOR

		A (inch)	B (inch)	C (inch)	D (inch)	Description	Metric thread	Length (in)	Part Numbers	
		39.37	-	-	-	-	Union Connector	M8	39"	<b>TF M8100</b>
		1.181	-	-	-	-	Union for M8 threaded stud	M8	-	<b>TL RM8</b>
		-	-	-	-	-	Lock Nut	M8	-	<b>TE M8</b>

# PPS RANGE CASE

Applications  
PPS ringmain  
assembling

## PPS CK - TIGHTENING WRENCHES CASE



Includes	Part Numbers
<ul style="list-style-type: none"> <li>- 1 Tightening wrench 1/2": PPS1 CLE16</li> <li>- 1 Tightening wrench 3/4": PPS1 CLE20</li> <li>- 1 Tightening wrench 1": PPS1 CLE25</li> <li>- 1 Tightening wrench 1 1/4": PPS1 CLE32</li> <li>- 1 Marker pen: PPS PEN</li> </ul>	<b>PPS CK1632</b>
<ul style="list-style-type: none"> <li>- 1 Tightening wrench 1 1/2": PPS1 CLE40</li> <li>- 1 Tightening wrench 2": PPS1 CLE50</li> <li>- 1 Marker pen: PPS PEN</li> </ul>	<b>PPS CK4050</b>
<ul style="list-style-type: none"> <li>- 1 Tightening wrench 2 1/2": PPS1 CLE63</li> <li>- 1 Tightening wrench 3": PPS1 CLE80</li> <li>- 1 Marker pen: PPS1 PEN</li> </ul>	<b>PPS CK6380</b>

## PPS CT - TOOLS CASE FOR PIPES PREPARATION



Includes	Part Numbers
<ul style="list-style-type: none"> <li>- 1 Tube cutter for Ø ext. 1/2" to 2 1/2" : PPS CTU63</li> <li>- 1 Chamfering tool for tube Ø ext. 1/2" to 2" : PPS CH50</li> <li>- 1 Deburring int/ext: PPS CHERAP</li> <li>- 1 Bit for drilling tube 1/2" to 1 1/4": PPS SP16</li> <li>- 1 Bit for drilling tube 1 1/2" to 2": PPS SP22</li> <li>- 1 Marker pen: PPS PEN</li> </ul>	<b>PPS CT1650</b>

# FLEXIBLE LINK HOSES

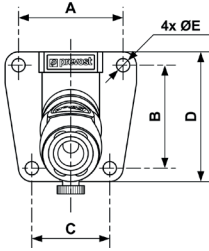
## FLEXIBLE LINK - SWIVEL MALE - MALE



NPT male thread	Length (ft)	Bend radius at 68° F (at 20°C) (mm)	Max operating pressure (psi)	Temperature (°F)	Part Numbers
1/2" MNPT	4.9'	7.1	2320	-40 to +230	<b>LEM 253</b>
3/4" MNPT	4.9'	9.4	1530	-40 to +230	<b>LEM 254</b>
1" MNPT	4.9'	11.8	1280	-40 to +230	<b>LEM 255</b>
1 1/4" MNPT	7.2'	16.5	920	-40 to +230	<b>LEM 256</b>
1 1/2" MNPT	8.2'	19.7	730	-40 to +230	<b>LEM 257</b>
2" MNPT	6.5'	24.8	1160	-40 to +230	<b>LEM 258</b>

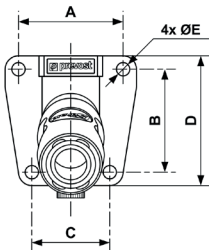
# SINGLE WALL MANIFOLDS

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/4" INDUSTRIAL INTERCHANGE



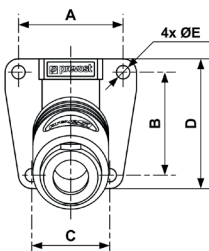
A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
2.008	1.969	1.496	2.736	0.256	1/2" FNPT	ISI 06	<b>ISI 061203WK</b>

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 3/8" INDUSTRIAL INTERCHANGE



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ISI 08	<b>ISI 081203WK</b>

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/2" INDUSTRIAL INTERCHANGE



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ISI 11	<b>ISI 111203WK</b>

Operating pressure  
29 to 174 psi

Temperature  
+5°F to +158°F


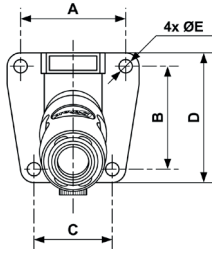
Construction  
Aluminum alloy

Equipped with  
Manual drain


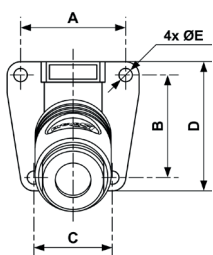
### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/4" AUTOMOTIVE INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet PT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	USI 06	<b>USI 061203WK</b>


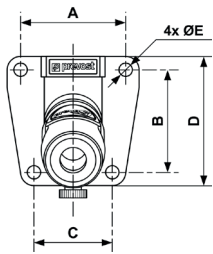
### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 3/8" AUTOMOTIVE INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	USI 08	<b>USI 081203WK</b>

### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/2" AUTOMOTIVE INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	USI 11	<b>USI 111203WK</b>

### FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 3/8" HIGH FLOW INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
		2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ESI 07	<b>ESI 071203WK</b>

# SINGLE WALL MANIFOLDS

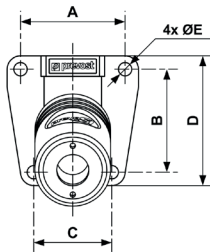
Operating  
pressure  
29 to 174 psi

Temperature  
+5°F to +158°F

Construction  
Aluminum alloy

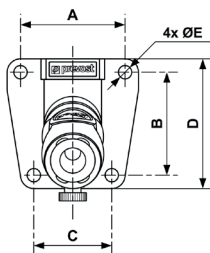
Equipped with  
Manual drain

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/2" HIGH FLOW INTERCHANGE



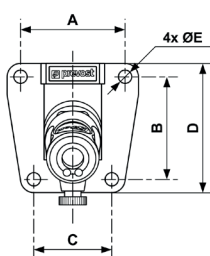
A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ESI 11	<b>ESI 111203WK</b>

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/4" ARO 210 INTERCHANGE



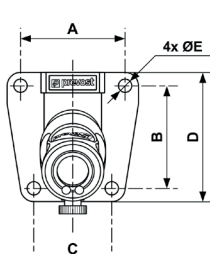
A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
2.008	1.969	1.496	2.48	0.256	1/2" FNPT	ASI 06	<b>ASI 061203WK</b>

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 1/4" ISO 6150 C INTERCHANGE



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
2.008	1.969	1.496	2.48	0.256	1/2" FNPT	CSI 06	<b>CSI 061203WK</b>

## FEMALE THREAD SINGLE WALL MANIFOLD - 1 COUPLER AND DRAIN - 3/8" ISO 6150 C INTERCHANGE



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 1 coupling	Part Numbers
2.008	1.969	1.496	2.48	0.256	1/2" FNPT	CSI 08	<b>CSI 081203WK</b>

# DOUBLE WALL MANIFOLDS


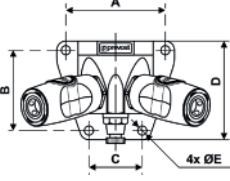
Operating  
pressure  
29 to 174 psi

Temperature  
+5°F to +158°F


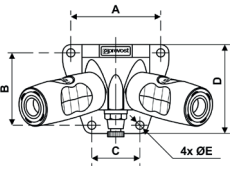
Construction  
Aluminum alloy

Equipped with  
Manual drain


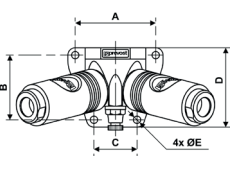
## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/4" INDUSTRIAL INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	ISI 06	<b>ISI 068203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 06	<b>ISI 068204WK</b>


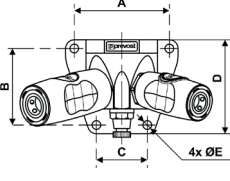
## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" INDUSTRIAL INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	ISI 08	<b>ISI 088203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 08	<b>ISI 088204WK</b>

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/2" INDUSTRIAL INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 11	<b>ISI 118204WK</b>


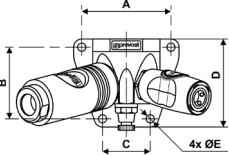
## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" AND 1/4" INDUSTRIAL INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	1.575	0.256	3/4" FNPT	ISI 08 ISI 06	<b>ISI 088204WK16</b>


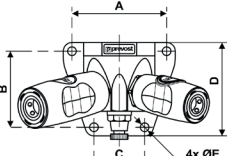


# DOUBLE WALL MANIFOLDS


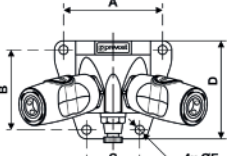
## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/2" AND 1/4" INDUSTRIAL INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 11 ISI 06	<b>ISI 118204WKI6</b>


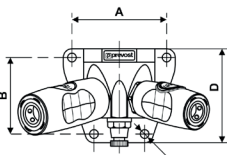
## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN 1/4" INDUSTRIAL INTERCHANGE AND 3/8" HIGH FLOW INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 06 ESI 07	<b>ISI 068204WKE7</b>

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN 1/4" INDUSTRIAL AND 1/4" ARO 210 INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 06 ASI 06	<b>ISI 068204WKA6</b>

## FEMALE THREAD DOUBLE PORT WALL BRACKET - 2 COUPLERS AND DRAIN 1/4" INDUSTRIAL INTERCHANGE AND 1/4" ISO 6150 C INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ISI 06 CSI 06	<b>ISI 068204WKC6</b>


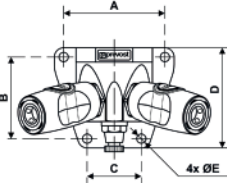
Operating pressure  
29 to 174 psi

Temperature  
+5°F to +158°F


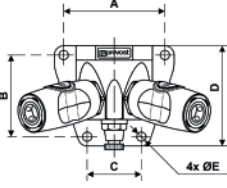
Construction  
Aluminum alloy

Equipped with  
Manual drain


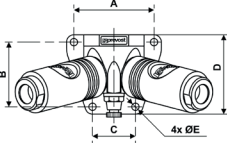
**FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/4" AUTOMOTIVE INTERCHANGE**

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	USI 06	<b>USI 068203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 06	<b>USI 068204WK</b>


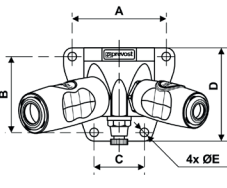
**FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" AUTOMOTIVE INTERCHANGE**

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	USI 08	<b>USI 088203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 08	<b>USI 088204WK</b>


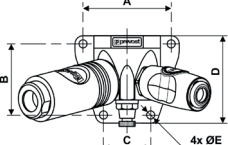
**FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/2" AUTOMOTIVE INTERCHANGE**

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 11	<b>USI 118204WK</b>

**FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN 3/8" AND 1/4" AUTOMOTIVE INTERCHANGE**


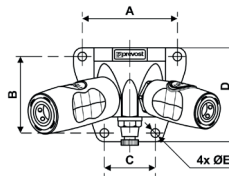
		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 08 USI 06	<b>USI 088204WKU6</b>

**FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN 1/2" AND 1/4" AUTOMOTIVE INTERCHANGE**


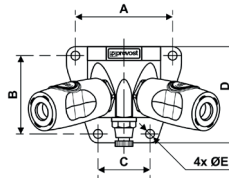
		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 11 USI 06	<b>USI 118204WKU6</b>

# DOUBLE WALL MANIFOLDS


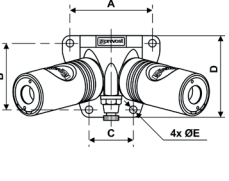
## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN 1/4" AUTOMOTIVE INTERCHANGE AND 1/4" INDUSTRIAL INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	USI 06 ISI 06	<b>USI 068204WK16</b>


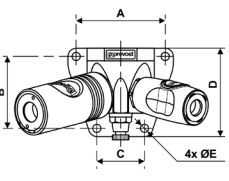
## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" HIGH FLOW INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	ESI 07	<b>ESI 078203WK</b>
2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 07	<b>ESI 078204WK</b>		


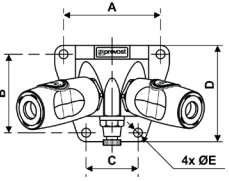
## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/2" HIGH FLOW INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 11	<b>ESI 118204WK</b>

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" AND 1/2" HIGH FLOW INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 11 ESI 07	<b>ESI 118204WKE7</b>

## FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN 3/8" HIGH FLOW INTERCHANGE AND 1/4" ARO 210 INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet 2 couplings	Part Numbers
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ESI 07 ASI 06	<b>ESI 078204WKA6</b>


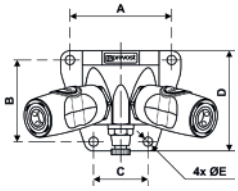
Operating pressure  
29 to 174 psi

Temperature  
+5°F to +158°F


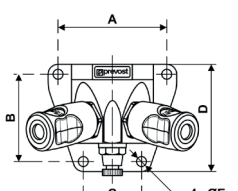
Construction  
Aluminum alloy

Equipped with  
Manual drain


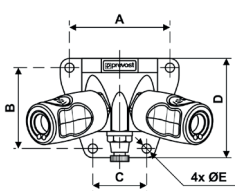
### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/4" ARO 210 INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	ASI 06	<b>ASI 068203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	ASI 06	<b>ASI 068204WK</b>


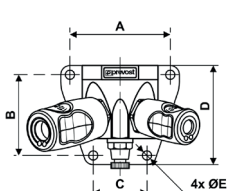
### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 1/4" ISO 6150 C INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	CSI 06	<b>CSI 068203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	CSI 06	<b>CSI 068204WK</b>

### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLERS AND DRAIN - 3/8" ISO 6150 C INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	1/2" FNPT	CSI 08	<b>CSI 088203WK</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	CSI 08	<b>CSI 088204WK</b>

### FEMALE THREAD DOUBLE WALL MANIFOLD - 2 COUPLINGS AND DRAIN - 3/8" AND 1/4" ISO 6150 C INTERCHANGE

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet 2 couplings</b>	<b>Part Numbers</b>
		2.795	2.244	1.496	2.756	0.256	3/4" FNPT	CSI 06 CSI 08	<b>CSI 088204WKC6</b>


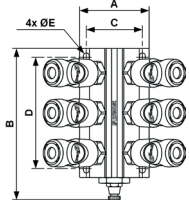
# MULTI PORT WALL BRACKETS

Operating pressure  
29 to 174 psi


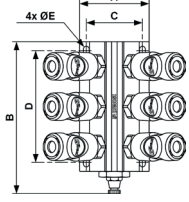
Temperature  
+5°F to +158°F

Construction  
Aluminum


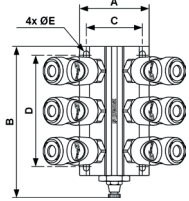
## NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 1/4" INDUSTRIAL INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet	Part Numbers
		3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x ISI 06	<b>MF 204S4IS</b>
3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x ISI 06	<b>MF 204S6IS</b>		
3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x ISI 06	<b>MF 204S8IS</b>		
3.071	10.63	2.48	8.465	0.256	3/4" FNPT	10 x ISI 06	<b>MF 204S10IS</b>		


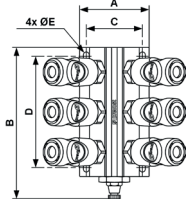
## NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 1/4" AUTOMOTIVE INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet	Part Numbers
		3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x USI 06	<b>MF 204S4US</b>
3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x USI 06	<b>MF 204S6US</b>		
3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x USI 06	<b>MF 204S8US</b>		
3.071	10.63	2.48	8.465	0.256	3/4" FNPT	10 x USI 06	<b>MF 204S10US</b>		


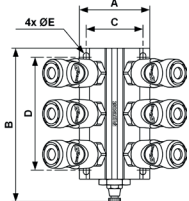
## NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 3/8" HIGH FLOW INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet	Part Numbers
		3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x ESI 07	<b>MF 204S4ES</b>
3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x ESI 07	<b>MF 204S6ES</b>		
3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x ESI 07	<b>MF 204S8ES</b>		
3.071	8.465	2.48	8.465	0.256	3/4" FNPT	10 x ESI 07	<b>MF 204S10ES</b>		

## NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 1/4" ARO 210 INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet	Part Numbers
		3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x ASI 06	<b>MF 204S4AS</b>
3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x ASI 06	<b>MF 204S6AS</b>		
3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x ASI 06	<b>MF 204S8AS</b>		
3.071	10.63	2.48	8.465	0.256	3/4" FNPT	10 x ASI 06	<b>MF 204S10AS</b>		

## NEW FEMALE THREAD WALL MANIFOLD - COUPLERS AND DRAIN - 1/4" ISO 6150 C INTERCHANGE

		A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Inlet NPT female thread	Outlet	Part Numbers
		3.071	5.315	2.48	3.15	0.256	3/4" FNPT	4 x CSI 06	<b>MF 204S4CS</b>
3.071	7.087	2.48	4.921	0.256	3/4" FNPT	6 x CSI 06	<b>MF 204S6CS</b>		
3.071	8.858	2.48	6.693	0.256	3/4" FNPT	8 x CSI 06	<b>MF 204S8CS</b>		
3.071	10.63	2.48	8.465	0.256	3/4" FNPT	10 x CSI 06	<b>MF 204S10CS</b>		

# WALL BRACKETS

Operating pressure  
0 to 232 psi

Temperature  
-4°F to +176°F

Construction  
Aluminum alloy

Equipped with  
Manual drain

## FEMALE THREAD SINGLE WALL BRACKET - OUTLET 1 COUPLER AND DRAIN

	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet NPT female thread</b>	<b>Part Numbers</b>
	2.008	1.969	1.496	2.48	0.256	1/2" FNPT	1/2" FNPT	<b>MF 203S1</b>

## FEMALE THREAD DOUBLE WALL BRACKET - OUTLET 2 COUPLERS AND DRAIN

	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Outlet NPT female thread</b>	<b>Part Numbers</b>
	2.795	2.244	1.496	2.913	0.255	1/2" FNPT	1/2" FNPT	<b>MF 203S2</b>
	2.795	2.244	1.496	2.913	0.255	3/4" FNPT	1/2" FNPT	<b>MF 204S2</b>

# WALL MOUNTED BRACKET WITHOUT COUPLINGS

Operating pressure  
0 to 232 psi

Temperature  
-4°F to +176°F

Construction  
Aluminum

## NEW MANIFOLD

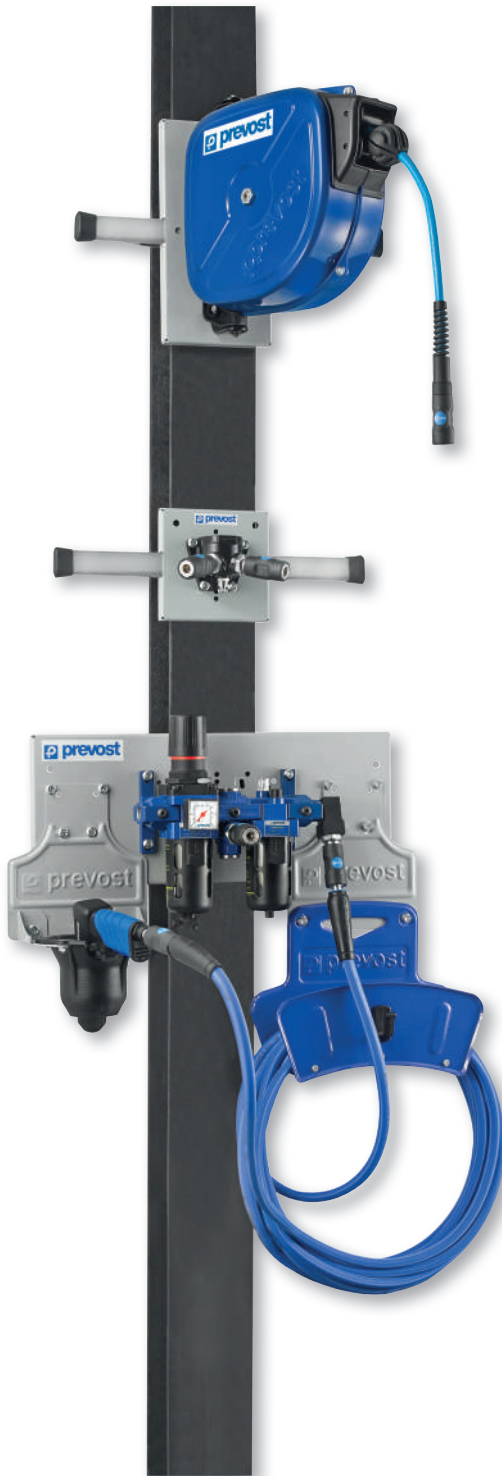
	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>D (inch)</b>	<b>E (inch)</b>	<b>Inlet NPT female thread</b>	<b>Number of outlets</b>	<b>Outlet NPT female thread</b>	<b>Part Numbers</b>
	3.071	3.937	2.48	3.15	2.48	3/4" FNPT	4	1/2" FNPT	<b>MF 204S4</b>
	2.913	5.709	2.48	4.921	2.48	3/4" FNPT	6	1/2" FNPT	<b>MF 204S6</b>
	3.071	7.48	2.48	6.693	2.48	3/4" FNPT	8	1/2" FNPT	<b>MF 204S8</b>
	3.071	9.252	2.48	8.465	2.48	3/4" FNPT	10	1/2" FNPT	<b>MF 204S10</b>
Drill Ø: 0.256 in For a fully functional drain order parts: A4 254201 and MA 14T									



# 10

# Mounting decks for network accessories

PREVOST metal mounting decks are an ideal solution for safe and ergonomic work station organization.



## ■ QUICK INSTALLATION AND TIME SAVINGS

The decks are quick and easy to install. Individual items may be pre-assembled on the deck prior to mounting in the final location to reduce on-site installation time.

## ■ MOUNTING SYSTEM WITHOUT DRILLING OR THE USE OF SPECIAL TOOLS

Attached using two or four steel anchors, ensuring compliance with building standards and mechanical properties.

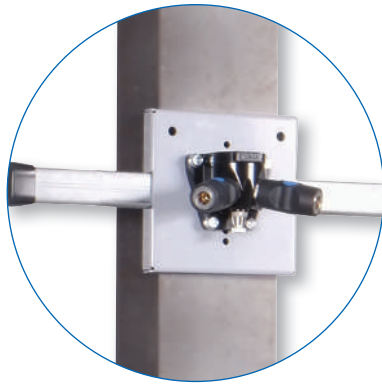
## ■ DECKS CAN BE EASILY REMOVED AND REPOSITIONED

All the screws and nuts necessary to mount PREVOST hose reels and accessories arrive with the kit.

## ■ EASY-TO-USE FOR DAY-TO-DAY OPERATIONS AND PRODUCTIVITY

## Applications

Four pre-drilled deck configurations for a wide range of applications. Each deck can be customized to mount various PREVOST products.



### ■ PLA 2000 - PLA 450

For open or closed-drum automatic hose reels, facilitating the compressed air supply to work station tools:

- Safety during use
- Ease of operation
- Work station efficiency



### ■ PLA 1000 - PLA 225

- **prevoS1** work station wall mounts, for quick and safe connection.
- **ALTO** air preparation assemblies which include: filter, regulator and lubricator to create a high efficiency system to run pneumatic tools and equipment.
- Multi-purpose decks for mounting the following accessories:
  - hose holder
  - blow gun holder
  - bolt holder
  - tool holder



Each deck is supplied with the anchors needed to mount it on a beam, and the fittings needed to mount the work equipment. The PLA 225 and PLA 450 decks are supplied with the rails needed to attach them to beams.

Maximum weight on PLA 2000 and PLA 1000: 220 lb

Maximum weight on PLA 225 and PLA 450: 88 lb



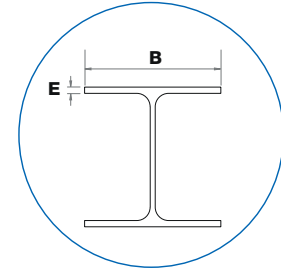
# Mounting decks for network accessories

## Assembly guidelines

### ■ ATTACHMENT ON BEAMS

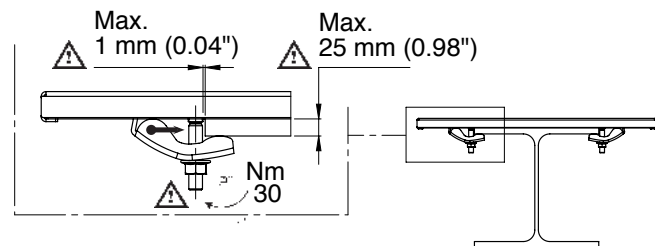
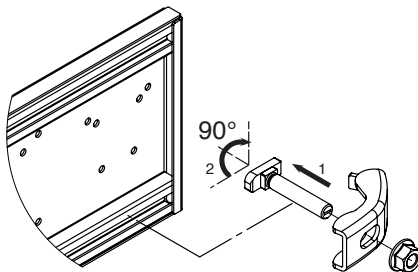
PREVOST decks are fastened to the structural metal beams of the building. Our fastening system using anchors is compatible with IPN and HEA beams with the following dimensions:

- Thickness "E" of beams: 0 to 25 mm (0" to 1") maximum
- Width "B" of beams: 100 to 340 mm (4" to 13") maximum



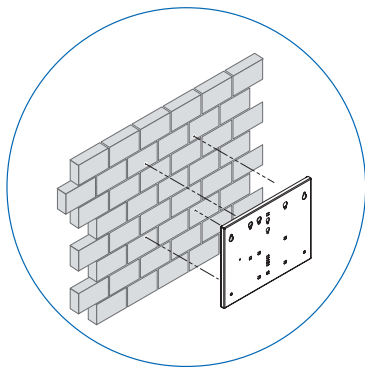
The plates are fastened to metal beams using two or four steel anchors.

- 1 - The anchor screws are positioned in the rails on the rear of the deck.
- 2 - The jaw of each deck is secured to the screw and then tightened to clamp onto the side of the metal beam.
- 3 - The deck is now firmly held in place.



### ■ DIRECT WALL MOUNTING

Conventional installation with screws and wall anchors.




# MOUNTING DECKS FOR HEA (IPN) BEAM

**Construction**  
Galvanized steel,  
Polyester paint


**Applications**  
Fastening system  
for IPN/HEA  
beams

**Highlight**  
Workstation  
ergonomics


## MOUNTING DECK FOR HOSE REELS DMO - DGO - DVO - DGF - DSF - DPF - DRF - DMF

	<b>Includes</b>	<b>Compatible with</b>	<b>Weight (max. lb)</b>	<b>Part Numbers</b>
	<ul style="list-style-type: none"> <li>- 1 mounting deck PLA 2000N</li> <li>- 4 anchors</li> <li>- screws and nuts kit</li> <li>- 1 rubber bush</li> </ul>	Mounting deck for fastening hose reels: DMO-DGO-DVO-DGF- DSF-DPF-DRF- DMF	220	<b>PLA 2000</b>


## SMALL MOUNTING DECK FOR HOSE REELS DSF - DPF - DRF - DMF

	<b>Includes</b>	<b>Compatible with</b>	<b>Weight (max. lb)</b>	<b>Part Numbers</b>
	<ul style="list-style-type: none"> <li>- 1 mounting deck PLA 450N</li> <li>- 2 anchors</li> <li>- screws and nuts kit</li> <li>- 16 1/2" free track</li> </ul>	Mounting deck for fastening hose reels: DSF - DMF - DRF - DPF	88	<b>PLA 450</b>

## MOUNTING DECK FOR WALL BRACKETS PREVOS<sup>1</sup>, ALTO AIR TREATMENT UNITS, ACCESSORIES

	<b>Includes</b>	<b>Compatible with</b>	<b>Weight (max. lb)</b>	<b>Part Numbers</b>
	<ul style="list-style-type: none"> <li>- 1 mounting deck PLA 1000N</li> <li>- 4 anchors</li> <li>- 1 screws and nuts kit</li> </ul>	Mounting deck for fastening: - <b>prevoS<sup>1</sup></b> wall brackets - ALTO air treatment units - Accessories	220	<b>PLA 1000</b>

## SMALL MOUNTING DECK FOR PREVOS<sup>1</sup>, ALTO AIR TREATMENT UNIT, ACCESSORIES

	<b>Includes</b>	<b>Compatible with</b>	<b>Weight (max. lb)</b>	<b>Part Numbers</b>
	<ul style="list-style-type: none"> <li>- 1 mounting deck PLA 225N</li> <li>- 2 anchors</li> <li>- screws and nuts kit</li> <li>- 420 mm free track</li> </ul>	Mounting deck for: - <b>prevoS<sup>1</sup></b> wall brackets - Air treatment units - Universal bracket	88	<b>PLA 225</b>

## ASSOCIATED PRODUCTS

		
prevoS <sup>1</sup> two parts wall brackets p 19	Enclosed hose reels DRF p 213	Filter regulator p 301

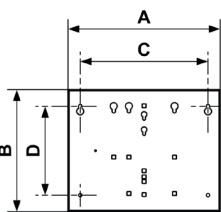

# MOUNTING DECKS FOR DIRECT WALL FASTENING

**Construction**  
Galvanized steel,  
Polyester paint

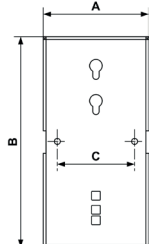

**Applications**  
Fastening system  
for IPN/HEA  
beams

**Highlight**  
Workstation  
ergonomics

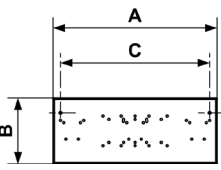

## NON-EQUIPPED MOUNTING DECK FOR HOSE REELS DMO - DGO - DVO - DGF - DSF - DPF - DRF - DMF

		A (inch)	B (inch)	C (inch)	D (inch)	Description	Weight (max. lb)	Part Numbers
			19.685	15.748	16.535	11.496	Mounting deck for fastening hose reels: DMO - DGO - DVO - DGF - DSF - DPF - DRF - DMF	220

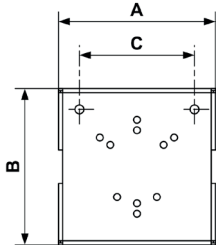

## SMALL NON-EQUIPPED MOUNTING DECK FOR FASTENING: DSF - DPF - DRF - DMF HOSE REELS

		A (inch)	B (inch)	C (inch)	D (inch)	Description	Weight (max. lb)	Part Numbers
			5.906	11.811	4.331	-	Mounting deck for fastening hose reels: DSF - DMF - DRF - DPF	88

## NON-EQUIPPED MOUNTING DECK FOR PREVOS1 WALL FITTINGS, ALTO AIR TREATMENT UNITS AND ACCESSORIES

		A (inch)	B (inch)	C (inch)	D (inch)	Description	Weight (max. lb)	Part Numbers
			19.685	7.874	17.913	-	Mounting deck for fastening: - <b>prevoS1</b> wall brackets - ALTO air treatment units - Accessories	220


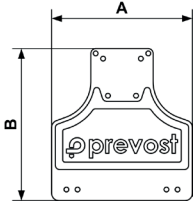
## SMALL NON-EQUIPPED MOUNTING DECK FOR PREVOS1 WALL FITTINGS, ALTO AIR TREATMENT UNITS OR ACCESSORIES

		A (inch)	B (inch)	C (inch)	D (inch)	Description	Weight (max. lb)	Part Numbers
			5.906	5.906	4.331	-	Mounting deck for fastening: - <b>prevoS1</b> wall brackets - Universal bracket - ALTO air treatment units	88


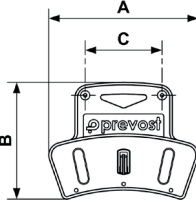
# MOUNTING DECK ACCESSORIES

Highlight  
Workstation  
ergonomics


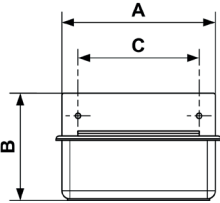
## UNIVERSAL BRACKET

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		7.48	8.071	-	Universal bracket for: - bolt holder - hose holder - tool holder	<b>PLA FIX</b>


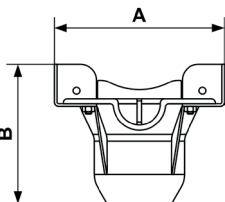
## HOSE HOLDER

		A (inch)	B (inch)	C (inch)	Includes	Part Numbers
		11.496	8.976	5.906	Hose holder supplied with: - 1 hook for spray gun - 1 kit of screws and nuts - 2 rubber wedges	<b>PLA HR</b>


## BOLT HOLDER

		A (inch)	B (inch)	C (inch)	Includes	Part Numbers
		8.071	5.236	5.906	Bolt holder supplied with: - 1 box - 1 bracket - 1 screws and nuts kit	<b>PLA BB</b>

## TOOL HOLDER

		A (inch)	B (inch)	C (inch)	Includes	Part Numbers
		6.378	5.236	-	Tool holder kit: - 1 mounting bracket - 1 tool holder shell - 1 kit of screws and nuts	<b>PLA TH</b>

## SUSPENSION HOOK

		A (inch)	B (inch)	C (inch)	Includes	Part Numbers
		-	-	-	Suspension hook supplied with M6×14 mm screws and M6 nuts	<b>PLA K</b>

# SPARE PARTS FOR MOUNTING DECKS

Highlight  
Workstation  
ergonomics

## GRATING FOR ANCHORING TO IPN/HEA BEAM



Includes	Part Numbers
Steel anchors system supplied with: - 1 anchor - 1 M10 screw - L = 50 mm - 1 M10 nut	<b>PLA CR</b>

## KIT OF SCREWS AND NUTS FOR PANEL MOUNTING



Includes	Part Numbers
Kit comprising: - 4 M10×20 screws - 2 M10 nuts - 2 captive M10 nuts	<b>PLA VEGM</b>
Kit comprising: - 2 M8×20 mm screws - 1 M8 nut - 1 captive M8 nut	<b>PLA VEPM</b>
Kit comprising: - 12 M6×20 mm rectangular head screws - 12 M6 nuts for mounting an accessory, a wall fitting and an ALTO assembly	<b>PLA VEAF</b>
Kit of screws and nuts: - 4 M6×20 mm screws - 4 M6 nuts	<b>PLA VEVF</b>

## SIDE RAIL FOR MOUNTING SMALL PLATES ON IPN/HEA BEAMS



Description	Function	Part Numbers
420 mm side rail	Mounting PLA 450 and PLA 225 panels on HEA beams	<b>PLA RA</b>

## WEDGE BLOCK



Includes	Part Numbers
Rubber block diam. 25 mm Supplied with: - 1 M4×25 screw - 1 M4 nut	<b>PLA TC</b>

## HOOK FOR HOSE HOLDER



Description	Part Numbers
Hook for hose holder	<b>PLA HRK</b>

# 11

# Hose reels

Automatic hose reels are an essential tool to enhance work place organization. They save time and allow hoses to be used safely and efficiently.

Available for the following fluids:

- Compressed air
- Cold water and hot water at high and low pressure
- Oil, grease



## Design

Our extensive research and development process used to manufacture our hose reels guarantees a long- lasting and reliable service life. The technology and high quality materials ensure the reels are durable and resilient.



All PREVOST automatic hose reels comply with the Machinery Directive. The following rules are also applied:

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

# Hose reels

## Advantages

### ■ RETURN SPRING

The return spring system effortlessly winds the hose back into the reel housing to significantly increase the service life of the hose.

The hose is no longer laying on the ground being exposed to contaminants, damage or creating a tripping hazard.

### ■ CONTROLLED HOSE RETURN SYSTEM (identified with a yellow stop ball)

The DRFB range features a braked return system to create a safer environment for users and surrounding equipment.

When the hose is released, the brake enables the hose to reel back into the housing gradually and at a controlled speed.



### ■ QUICK COUPLINGS

Air hose reels are paired with a **prevoS1** quick safety coupling which offers hose whip protection and enables de-pressurization and disconnection in one simple push of a button.

The range features various types of couplings:

- 1/4", 3/8" and 1/2" clearance depending on the hose size and the corresponding air flow.
- Various profiles (Industrial, High Flow, Automotive, ARO 210) meeting the needs of international markets.



### ■ BEND RESTRICTOR

With the bend restrictors in place, the hose will not kink at the inlet and outlet connectors. The system is made from a lightweight polyamide and prevents impact damage from hoses. The stainless steel reel range features a stainless steel bend restrictor.

### ■ STOP CATCH

The reel mechanism includes a catch system that locks the hose at the desired length for the operator. This system avoids the user being weighed down by a heavy, awkward length of hose. Pulling on the hose releases the catch which allows the return spring to automatically wind the hose back into the housing.

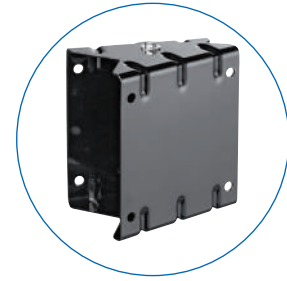
### ■ WALL-MOUNTED OR OVERHEAD INSTALLATION

PREVOST hose reels can be mounted on a wall, overhead or installed on a trolley to allow easy access anywhere in the workshop. A conveniently placed reel reduces works space clutter and increases productivity and efficiency.



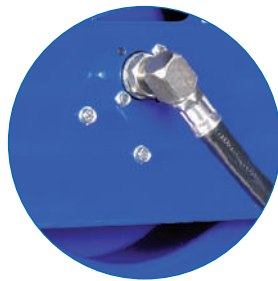
## ■ SWIVEL OR FIXED MOUNTING BRACKET

All closed drum reels (except DGF) feature swivel mounting brackets allowing the unit to rotate 180°. Open drum reels feature fixed mounting brackets, but can also be fitted with 140° swivel brackets with mounting dimensions identical to those with fixed brackets.



## ■ STOP BALL

The stop ball can easily be adjusted to set the length of the hose and coupling left outside of the housing. Adjusting the stop ball when the hose is in use, is not recommended.



## ■ SUPPLY HOSE

A hose whip with a 360° rotating coupling connects to the supply network and is included with each reel.



## ■ STEEL HOUSING

The housing is made from cold-stamped steel which is then hot galvanized and coated with a UV-resistant polyester powder coating. This technology ensures that housings are durable and offer high corrosion resistance while remaining environmentally friendly.



## ■ STAINLESS STEEL HOUSING

Reels with AISI 304 stainless steel housings can be used in all environments, particularly those where corrosion resistance is important, including the food processing industry, abattoirs, institutional facilities, swimming pools, and so on.



# Hose reels

## Advantages



## Closed drum reels

COMPRESSED AIR									
	DSF	DSFI	DMF	DRF	DRFI	DRFB	DRFINB	DPF	DGF
<b>Housing</b>	Steel	Stainless steel	Steel	Steel	Stainless steel	Steel	Stainless steel	Steel	Steel
<b>Hose return</b>						Controlled return			
<b>Hose</b>	PU	PU	PU	PU/PVC	PU/PVC	PU/PVC	PU/PVC	PU	Rubber
<b>Bracket</b>	Swivel								Fixed
<b>Air inlet</b>	Supply hose: 3 ft Rotating coupling on housing			Supply hose: 3 ft Rotating coupling under plastic cover				Supply hose: 3 ft Rotating coupling on housing	
<b>Hose diameter (in)</b>	5/16" 3/8"	5/16"	5/16"	5/16" 3/8"	3/8"	5/16" 3/8"	3/8"	5/16" 3/8"	5/16" 3/8" 1/2"
<b>Hose length (ft)</b>	10' 17'	17'	40'	33' 40' 50'	40'	33' 40' 50'	40'	40' 50'	33' 50' 65'




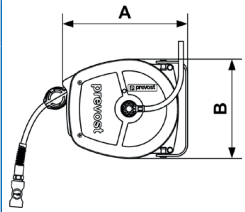
## Open drum reels

COMPRESSED AIR - WATER - GREASE - OIL - OXYGEN - ACETYLENE											
	DMO	DGO	DLO	DVO	DMO LS	DGO LS	DLO LS	DVO LS	DSFI LS	DRFI LS	
<b>Application</b>	Air				Low-pressure water						
<b>Drum</b>	Steel								Stainless steel		
<b>Hose</b>	Rubber			PU	Rubber			PVC	PU		
<b>Bracket</b>	Fixed - optional swivel bracket available				Fixed - optional swivel bracket available						
<b>Air inlet</b>	3 ft supply hose Rotating coupling on drum				3 ft supply hose Rotating coupling on drum						
<b>Hose diameter (in)</b>	5/16" 3/8" 1/2"	3/8" 1/2" 5/8"	1/2" 5/8" 3/4"	3/8"	5/8"	5/8"	5/8" 3/4"	1/2" 19/32"	5/16"	3/8"	
<b>Hose length (ft)</b>	33' - 50' 65'	33' - 65' 82'	65' - 82' 98'	82'	33'	50'	65' - 82'	50' - 65'	17'	40'	

	DMOI LS	DGOI LS	DLOI LS	DMO HP	DGO HP	DMO HPI	DGO HPI	DMO OIL	DGO OIL	DMO GR	DGO GR	
<b>Application</b>	Low-pressure water			High-pressure water				Oil		Grease		
<b>Drum</b>	Stainless steel			Steel		Stainless steel		Steel				
<b>Hose</b>	Rubber											
<b>Bracket</b>	Fixed - optional swivel bracket available											
<b>Air inlet</b>	3 ft supply hose Rotating coupling on drum			Rotating coupling on drum								
<b>Hose diameter (in)</b>	5/8"	5/8"	5/8" 3/4"	5/16"	5/16"	5/16"	5/16"	1/2"	1/2"	1/4"	1/4"	
<b>Hose length (ft)</b>	33"	50'	65' - 82'	50'	65'	50'	65'	33'	50' - 65'	33' - 50'	65'	


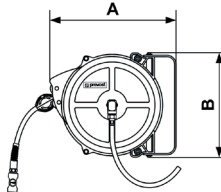
# ENCLOSED HOSE REELS FOR COMPRESSED AIR/STEEL

## DSF SERIES - SMALL - POLYURETHANE HOSE W/ POLYESTER BASE

		A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet (in)	Weight (lb)	Part Numbers
		10.827	8.583	5/16"	17'	ISI 06	23	5/16"	6.60	<b>DSF 0805IS</b>
		10.827	8.583	3/8"	10'	ISI 06	29	3/8"	6.60	<b>DSF 1003IS</b>
		10.827	8.583	5/16"	17'	USI 06	23	5/16"	6.60	<b>DSF 0805US</b>
		10.827	8.583	3/8"	10'	USI 06	29	3/8"	6.60	<b>DSF 1003US</b>
		10.827	8.583	5/16"	17'	ESI 07	23	5/16"	6.60	<b>DSF 0805ES</b>
		10.827	8.583	3/8"	10'	ESI 07	39	3/8"	6.60	<b>DSF 1003ES</b>

180° swivelling bracket  
Temperature: +5°F to +105°F

## **NEW** DMF SERIES - INDUSTRIAL TYPE - POLYURETHANE HOSE

		A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet BSPF female thread	Weight (lb)	Part Numbers
		13.78	11.299	5/16"	40'	ISI 06	18	3/8" FBSP	17.64	<b>DMF 0812IS</b>
		13.78	11.299	5/16"	40'	USI 06	18	3/8" FBSP	17.64	<b>DMF 0812US</b>
		13.78	11.299	5/16"	40'	ESI 07	18	3/8" FBSP	17.64	<b>DMF 0812ES</b>

180° swiveling bracket  
Temperature: +5°F to +105°F

Technology  
Pipe locked with  
ratchet stop

Max operating  
pressure  
174 psi

Construction  
Epoxy-coated  
steel case

Connection  
3.3 ft of inlet  
supply hose

## DRF SERIES - MEDIUM - ECONOMY TYPE - OUTER HOSE: PU/PVC - INNER: PU ETHER BASE

A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Fixed inlet (in)	Weight (lb)	Part Numbers
13.386	11.89	5/16"	40'	ISI 06	18	5/16"	13.22	<b>DRF 0812IS</b>
14.567	13.268	5/16"	50'	ISI 06	12	5/16"	15.43	<b>DRF 0815IS</b>
13.386	11.89	3/8"	33'	ISI 06	29	3/8"	12.57	<b>DRF 1010IS</b>
14.567	13.268	3/8"	40'	ISI 06	28	3/8"	14.99	<b>DRF 1012IS</b>
14.567	13.268	3/8"	50'	ISI 06	28	3/8"	15.9	<b>DRF 1015IS</b>
13.386	11.89	5/16"	40'	USI 06	18	5/16"	13.22	<b>DRF 0812US</b>
14.567	13.268	5/16"	50'	USI 06	12	5/16"	15.43	<b>DRF 0815US</b>
13.386	11.89	3/8"	33'	USI 06	29	3/8"	12.57	<b>DRF 1010US</b>
14.567	13.268	3/8"	40'	USI 06	28	3/8"	14.99	<b>DRF 1012US</b>
13.386	11.89	5/16"	40'	ESI 07	18	5/16"	13.22	<b>DRF 0812ES</b>
14.567	13.268	5/16"	50'	ESI 07	12	5/16"	15.43	<b>DRF 0815ES</b>
13.386	11.89	3/8"	33'	ESI 07	32	3/8"	12.57	<b>DRF 1010ES</b>
14.567	13.268	3/8"	40'	ESI 07	28	3/8"	14.99	<b>DRF 1012ES</b>
14.567	13.268	3/8"	50'	ESI 07	28	3/8"	15.87	<b>DRF 1015ES</b>

180° swiveling bracket  
Temperature: +5°F to +150°F

## DRFB SERIES - HOSE REEL W/ SAFETY RETRACTION - PU/PVC HOSE

A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Fixed inlet (in)	Weight (lb)	Part Numbers
13.386	11.89	5/16"	40'	ISI 06	18	5/16"	13.22	<b>DRFB 0812IS</b>
14.567	13.268	5/16"	40'	ISI 06	12	5/16"	15.43	<b>DRFB 0815IS</b>
13.386	11.89	3/8"	33'	ISI 06	29	3/8"	12.57	<b>DRFB 1010IS</b>
14.567	13.268	3/8"	40'	ISI 06	28	3/8"	14.99	<b>DRFB 1012IS</b>
13.386	11.89	5/16"	40'	USI 06	18	5/16"	13.22	<b>DRFB 0812US</b>
14.567	13.268	5/16"	50'	USI 06	12	5/16"	15.43	<b>DRFB 0815US</b>
13.386	11.89	3/8"	33'	USI 06	29	3/8"	12.57	<b>DRFB 1010US</b>
14.567	13.268	3/8"	40'	USI 06	28	3/8"	14.99	<b>DRFB 1012US</b>
13.386	11.89	5/16"	40'	ESI 07	18	5/16"	13.22	<b>DRFB 0812ES</b>
14.567	13.268	5/16"	50'	ESI 07	12	5/16"	15.43	<b>DRFB 0815ES</b>
13.386	11.89	3/8"	33'	ESI 07	32	3/8"	12.57	<b>DRFB 1010ES</b>
14.567	13.268	3/8"	40'	ESI 07	28	3/8"	14.99	<b>DRFB 1012ES</b>
13.386	11.89	5/16"	40'	ASI 06	18	5/16"	13.22	<b>DRFB 0812AS</b>
14.567	13.268	5/16"	50'	ASI 06	12	5/16"	15.43	<b>DRFB 0815AS</b>
13.386	11.89	3/8"	33'	ASI 06	28	3/8"	12.57	<b>DRFB 1010AS</b>
14.567	13.268	3/8"	40'	ASI 06	28	3/8"	14.99	<b>DRFB 1012AS</b>

180° swiveling bracket  
Temperature: +5°F to +150°F

SAFETY

# ENCLOSED HOSE REELS FOR COMPRESSED AIR/STEEL

Technology  
Pipe locked with  
ratchet stop

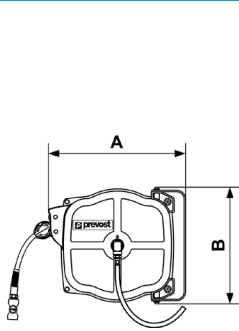
Max operating  
pressure  
174 psi

Construction  
Epoxy-coated  
steel case

Connection  
3.3 ft of inlet  
supply hose

NEW

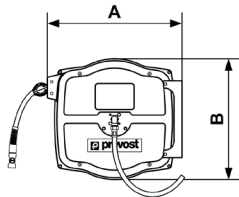
## DPF SERIES - INDUSTRIAL TYPE - POLYURETHANE HOSE



A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet BSPP female thread	Weight (lb)	Part Numbers
14.843	12.48	5/16"	50'	ISI 06	18	3/8" FBSP	19.84	<b>DPF 0815IS</b>
14.843	12.48	3/8"	40'	ISI 06	29	3/8" FBSP	19.84	<b>DPF 1012IS</b>
14.843	12.48	5/16"	50'	USI 06	18	3/8" FBSP	19.84	<b>DPF 0815US</b>
14.843	12.48	3/8"	40'	USI 06	29	3/8" FBSP	19.84	<b>DPF 1012US</b>
14.843	12.48	5/16"	50'	ESI 07	18	3/8" FBSP	19.84	<b>DPF 0815ES</b>
14.843	12.48	3/8"	40'	ESI 07	31	3/8" FBSP	19.84	<b>DPF 1012ES</b>

180° swiveling bracket  
Temperature: +5°F to +105°F

## DGF SERIES - LARGE INDUSTRIAL TYPE - RUBBER HOSE



A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet (BSPP)	Weight (lb)	Part Numbers
20.472	18.189	5/16"	33'	ISI 06	18	3/8" FBSP	37.48	<b>DGF 0810IS</b>
20.472	18.189	5/16"	50'	ISI 06	12	3/8" FBSP	40.79	<b>DGF 0815IS</b>
20.472	18.189	5/16"	65'	ISI 06	9	3/8" FBSP	44.10	<b>DGF 0820IS</b>
20.472	18.189	3/8"	33'	ISI 06	29	3/8" FBSP	39.69	<b>DGF 1010IS</b>
20.472	18.189	3/8"	50'	ISI 06	25	3/8" FBSP	41.89	<b>DGF 1015IS</b>
20.472	18.189	1/2"	33'	ISI 08	64	1/2" MBSP	41.89	<b>DGF 1310IS</b>
20.472	18.189	5/16"	33'	USI 06	18	3/8" FBSP	37.48	<b>DGF 0810US</b>
20.472	18.189	5/16"	50'	USI 06	12	3/8" FBSP	40.79	<b>DGF 0815US</b>
20.472	18.189	5/16"	65'	USI 06	9	3/8" FBSP	44.10	<b>DGF 0820US</b>
20.472	18.189	3/8"	33'	USI 06	29	3/8" FBSP	39.69	<b>DGF 1010US</b>
20.472	18.189	3/8"	50'	USI 06	25	3/8" FBSP	41.89	<b>DGF 1015US</b>
20.472	18.189	1/2"	33'	USI 08	64	1/2" MBSP	41.89	<b>DGF 1310US</b>
20.472	18.189	5/16"	33'	ESI 07	18	3/8" FBSP	37.48	<b>DGF 0810ES</b>
20.472	18.189	5/16"	50'	ESI 07	12	3/8" FBSP	40.79	<b>DGF 0815ES</b>
20.472	18.189	5/16"	65'	ESI 07	9	3/8" FBSP	44.10	<b>DGF 0820ES</b>
20.472	18.189	3/8"	33'	ESI 07	32	3/8" FBSP	39.69	<b>DGF 1010ES</b>
20.472	18.189	3/8"	50'	ESI 07	25	3/8" FBSP	41.89	<b>DGF 1015ES</b>
21.26	18.189	1/2"	33'	ESI 07	42	1/2" MBSP	41.89	<b>DGF 1310ES</b>

Fixed bracket  
Temperature: +5°F to +105°F

# ENCLOSED HOSE REELS FOR COMPRESSED AIR/STAINLESS STEEL

**Technology**  
Pipe locked with ratchet stop


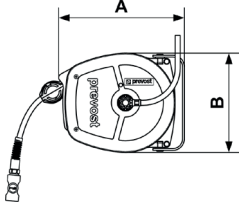
**Max operating pressure**  
174 psi

**Construction**  
AISI 304 stainless steel case


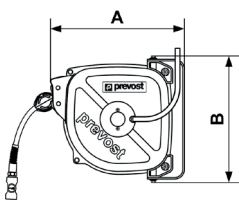
**Connection**  
3.3 ft of inlet supply hose

Equipped with Swivel bracket


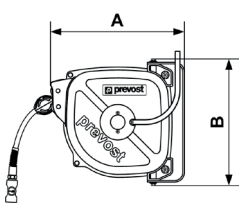
## DSF/I SERIES - 304 STAINLESS STEEL - POLYURETHANE HOSE ETHER BASE

			A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet (in)	Weight (lb)	Part Numbers
			10.827	8.583	5/16"	17'	ESI 07HE	23	5/16"	6.60	<b>DSFI 0805ESHE</b>
			180° swivelling bracket Temperature: +5°F to 158°F								

## DRF/I SERIES - 304 STAINLESS STEEL - POLYURETHANE HOSE ETHER BASE

			A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Fixed inlet (in)	Weight (lb)	Part Numbers
			14.567	13.268	3/8"	40'	ESI 07HE	28	3/8"	14.99	<b>DRFI 1012ESHE</b>
			180° swivelling bracket Temperature: +5°F to +158°F								

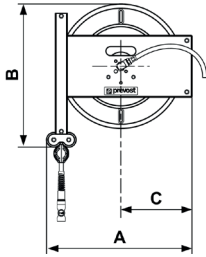
## DRFB/I SERIES - HOSE REEL W/ SAFETY RETRACTION - STAINLESS STEEL POLYURETHANE HOSE ETHER BASE

			A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Fixed inlet (in)	Weight (lb)	Part Numbers
			14.567	13.268	3/8"	40'	ESI 07HE	28	3/8"	17.42	<b>DRFINB 1012ESHE</b>
			180° swivelling bracket Temperature : +5°F to +158°F								

SAFETY

# OPEN HOSE REELS FOR COMPRESSED AIR/STEEL

## DMO SERIES - MEDIUM - RUBBER HOSE



A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet (BSP)	Weight (lb)	Part Numbers
19.094	18.701	9.331	5/16"	33'	ISI 06	18	3/8" FBSP	35.28	<b>DMO 0810IS</b>
19.094	18.701	9.331	5/16"	50'	ISI 06	12	3/8" FBSP	38.58	<b>DMO 0815IS</b>
19.094	18.701	9.331	5/16"	65'	ISI 06	9	3/8" FBSP	41.89	<b>DMO 0820IS</b>
19.094	18.701	9.331	3/8"	33'	ISI 06	29	3/8" FBSP	37.48	<b>DMO 1010IS</b>
19.094	18.701	9.331	3/8"	50'	ISI 06	25	3/8" FBSP	41.89	<b>DMO 1015IS</b>
19.094	18.701	9.331	3/8"	65'	ISI 06	23	3/8" FBSP	48.50	<b>DMO 1020IS</b>
19.094	18.701	9.331	1/2"	50'	ISI 08	49	1/2" MBSP	48.50	<b>DMO 1315IS</b>
19.094	18.701	9.331	5/16"	33'	USI 06	18	3/8" FBSP	35.28	<b>DMO 0810US</b>
19.094	18.701	9.331	5/16"	50'	USI 06	12	3/8" FBSP	38.58	<b>DMO 0815US</b>
19.094	18.701	9.331	5/16"	65'	USI 06	9	3/8" FBSP	41.89	<b>DMO 0820US</b>
19.094	18.701	9.331	3/8"	33'	USI 06	29	3/8" FBSP	37.48	<b>DMO 1010US</b>
19.094	18.701	9.331	3/8"	50'	USI 06	25	3/8" FBSP	41.89	<b>DMO 1015US</b>
19.094	18.701	9.331	3/8"	65'	USI 06	23	3/8" FBSP	48.50	<b>DMO 1020US</b>
19.094	18.701	9.331	1/2"	50'	USI 08	49	1/2" MBSP	48.50	<b>DMO 1315US</b>
19.094	18.701	9.331	5/16"	33'	ESI 07	18	3/8" FBSP	35.28	<b>DMO 0810ES</b>
19.094	18.701	9.331	5/16"	50'	ESI 07	12	3/8" FBSP	38.58	<b>DMO 0815ES</b>
19.094	18.701	9.331	5/16"	65'	ESI 07	9	3/8" FBSP	41.89	<b>DMO 0820ES</b>
19.094	18.701	9.331	3/8"	33'	ESI 07	32	3/8" FBSP	37.48	<b>DMO 1010ES</b>
19.094	18.701	9.331	3/8"	50'	ESI 07	25	3/8" FBSP	41.89	<b>DMO 1015ES</b>
19.094	18.701	9.331	3/8"	65'	ESI 07	23	3/8" FBSP	37.48	<b>DMO 1020ES</b>
19.094	18.701	9.331	1/2"	50'	ESI 07	49	1/2" MBSP	48.50	<b>DMO 1315ES</b>

Temperature: +5°F to +105°F

**Technology**  
Pipe locked with  
ratchet stop

**Max operating  
pressure**  
174 psi

**Construction**  
Epoxy-coated  
steel case

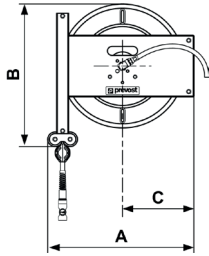
**Connection**  
3.3 ft of inlet  
supply hose

**Equipped with**  
Fixed bracket

## DGO SERIES - LARGE - RUBBER HOSE

A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet (BSPP)	Weight (lb)	Part Numbers
19.094	18.701	9.331	3/8"	82'	ISI 06	18	3/8" FBSP	57.33	<b>DGO 1025IS</b>
19.094	18.701	9.331	1/2"	65'	ISI 08	35	1/2" MBSP	59.52	<b>DGO 1320IS</b>
19.094	18.701	9.331	5/8"	33'	ISI 11	106	1/2" MBSP	55.12	<b>DGO 1610IS</b>
19.094	18.701	9.331	3/8"	82'	USI 06	18	3/8" FBSP	57.33	<b>DGO 1025US</b>
19.094	18.701	9.331	1/2"	65'	USI 08	35	1/2" MBSP	59.52	<b>DGO 1320US</b>
19.094	18.701	9.331	5/8"	33'	USI 11	106	1/2" MBSP	55.12	<b>DGO 1610US</b>
19.094	18.701	9.331	3/8"	82'	ESI 07	18	3/8" FBSP	57.33	<b>DGO 1025ES</b>
19.094	18.701	9.331	1/2"	65'	ESI 07	35	1/2" MBSP	59.52	<b>DGO 1320ES</b>
19.094	18.701	9.331	5/8"	33'	ESI 11	106	1/2" MBSP	55.12	<b>DGO 1610ES</b>

Temperature: +5°F to +105°F





# OPEN HOSE REELS FOR COMPRESSED AIR/STEEL

**Technology**  
Pipe locked with  
ratchet stop

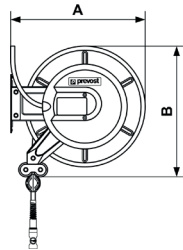
**Max operating  
pressure**  
174 psi

**Construction**  
Epoxy-coated  
steel case

**Connection**  
3.3 ft of inlet  
supply hose

**Equipped with**  
Fixed bracket

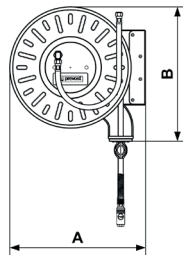
## DVO SERIES - MEDIUM - POLYURETHANE BRAIDED HOSE



A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet	Weight (lb)	Part Numbers
18.11	17.598	-	3/8"	82'	ISI 06	18	3/8"	50.71	<b>DVO 1025IS</b>
18.11	17.598	-	3/8"	82'	USI 06	18	3/8"	50.71	<b>DVO 1025US</b>
18.11	17.598	-	3/8"	82'	ESI 07	18	3/8"	50.71	<b>DVO 1025ES</b>

Temperature: +5°F to +105°F

## DLO SERIES - EXTRA LARGE - RUBBER HOSE



A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Flow rate (cfm)	Swivel inlet BSSP male thread	Weight (lb)	Part Numbers
24.213	24.016	-	1/2"	98'	ISI 11	30	1/2" MBSP	85.99	<b>DLO 1330IS</b>
24.213	24.016	-	5/8"	82'	ISI 11	60	1/2" MBSP	90.40	<b>DLO 1625IS</b>
24.213	24.016	-	3/4"	65'	ISI 11	85	1" MBSP	92.61	<b>DLO 1920IS</b>
24.213	24.016	-	1/2"	98'	USI 11	30	1/2" MBSP	85.99	<b>DLO 1330US</b>
24.213	24.016	-	5/8"	82'	USI 11	60	1/2" MBSP	90.40	<b>DLO 1625US</b>
24.213	24.016	-	3/4"	65'	USI 11	85	1" MBSP	92.61	<b>DLO 1920US</b>
24.213	24.016	-	1/2"	98'	ESI 11	30	1/2" MBSP	85.99	<b>DLO 1330ES</b>
24.213	24.016	-	5/8"	82'	ESI 11	60	1/2" MBSP	90.40	<b>DLO 1625ES</b>
24.213	24.016	-	3/4"	65'	ESI 11	85	1" MBSP	92.61	<b>DLO 1920ES</b>

Temperature: +5°F to +158°F

# WATER OPEN HOSE REELS/STEEL

**Technology**  
Pipe locked with  
ratchet stop

**Max operating  
pressure**  
145 psi


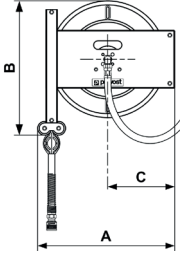
**Temperature**  
+5°F to +140°F

**Construction**  
Epoxy-coated  
steel case


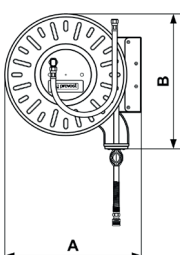
**Connection**  
3.3 ft of inlet  
supply hose

**Equipped with**  
Fixed bracket


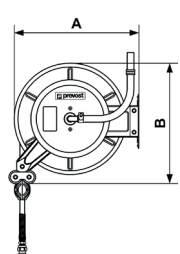
## OPEN HOSE REEL - LOW PRESSURE WATER

		A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Swivel inlet BSPP male thread	Weight (lb)	Part Numbers
		19.094	18.701	9.331	5/8"	33'	ELS 09	1/2" MBSP	44.10	<b>DMO 1610LS</b>
		19.094	18.701	9.331	5/8"	50'	ELS 09	1/2" MBSP	55.12	<b>DGO 1615LS</b>

## OPEN HOSE REEL - LOW PRESSURE WATER

		A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Swivel inlet BSPP male thread	Weight (lb)	Part Numbers
		24.213	24.016	-	5/8"	82'	ELS 09	1/2" MBSP	97	<b>DLO 1625LS</b>
		24.213	24.016	-	3/4"	65'	ELS 09	1" MBSP	92.61	<b>DLO 1920LS</b>

## OPEN HOSE REEL - LOW PRESSURE WATER

		A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Swivel inlet (in)	Weight (lb)	Part Numbers
		19.488	18.701	-	1/2"	65'	ELS 09	3/4"	50.71	<b>DVO 1320LS</b>
		19.488	18.701	-	19/32"	50'	ELS 09	3/4"	50.71	<b>DVO 1515LS</b>

# ENCLOSED HOSE REELS FOR WATER/STAINLESS STEEL

**Technology**  
Pipe locked with  
ratchet stop

**Max operating  
pressure**  
145 psi

**Temperature**  
+5°F to +140°F


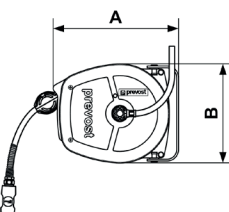
**Construction**  
AISI 304 stainless  
steel case

**Connection**  
3.3 ft of inlet  
supply hose

**Equipped with**  
Swivel bracket


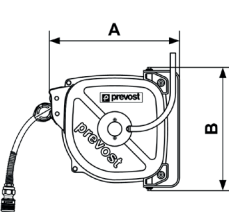
## DSF/I SERIES - 304 STAINLESS STEEL - POLYURETHANE BRAIDED HOSE WITH ETHER BASE

A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Swivel inlet (in)	Weight (lb)	Part Numbers
10.827	8.583	5/16"	17'	ELS 09	5/16"	6.60	<b>DSFI 0805LS</b>

## DRF/I SERIES - 304 STAINLESS STEEL - POLYURETHANE HOSE ETHER BASE

A (inch)	B (inch)	ID (in)	Length (ft)	Coupler	Swivel inlet (in)	Weight (lb)	Part Numbers
14.567	13.268	3/8"	40'	ELS 09	3/8"	13.89	<b>DRFI 1012LS</b>

# WATER OPEN HOSE REELS/STAINLESS STEEL

**Technology**  
Pipe locked with  
ratchet stop

**Max operating  
pressure**  
145 psi

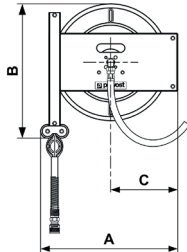
**Temperature**  
+5°F to +140°F

**Construction**  
AISI 304 stainless  
steel case

**Connection**  
3.3 ft of inlet  
supply hose

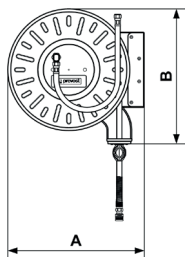
**Equipped with**  
Fixed bracket

## DMOI - DGOI SERIES - 304 - OPEN HOSE REEL - STAINLESS STEEL LOW PRESSURE WATER - FOOD GRADE



A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Swivel inlet BSPP male thread	Weight (lbs)	Part Numbers
19.094	18.701	9.331	5/8"	33'	ELS 09	1/2" MBSP	44.10	<b>DMOI 1610LS</b>
19.094	18.701	9.331	5/8"	50'	ELS 09	1/2" MBSP	55.12	<b>DGOI 1615LS</b>

## 304 STAINLESS STEEL WITH RUBBER HOSE - FOOD GRADE



A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Coupler	Swivel inlet BSPP male thread	Weight (lbs)	Part Numbers
24.567	24.016	-	5/8"	82'	ELS 09	1/2" MBSP	97	<b>DLOI 1625LS</b>
24.567	24.016	-	3/4"	65'	ELS 09	1" MBSP	92.61	<b>DLOI 1920LS</b>

# HOSE REELS FOR HOT WATER HIGH PRESSURE


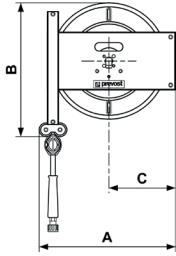
Technology  
Pipe locked with  
ratchet stop

Max operating  
pressure  
5800 psi


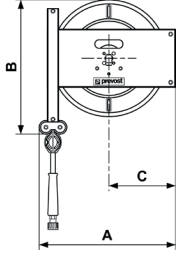
Temperature  
-40°F to +302°F

Equipped with  
Fixed bracket

## OPEN HOSE REEL - HIGH PRESSURE STEEL - HIGH PRESSURE REINFORCED RUBBER HOSE

		A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Outlet	Swivel inlet BSPF female thread	Weight (lbs)	Part Numbers
		19.094	18.701	9.331	5/16"	50'	3/8" MBSP M22 x 1.5	3/8" FBSP	35.28	<b>DMO 0815HP</b>
		19.094	18.701	9.331	5/16"	65'	3/8" MBSP M22 x 1.5	3/8" FBSP	46.30	<b>DGO 0820HP</b>

## OPEN HOSE REEL - HIGH PRESSURE STAINLESS STEEL - HOT WATER - HP REINFORCED RUBBER HOSE

		A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Outlet	Swivel inlet BSPF female thread	Weight (lbs)	Part Numbers
		19.094	18.701	9.331	5/16"	50'	3/8" MBSP M22 x 1.5	3/8" FBSP	35.28	<b>DMO 0815HPI</b>
		19.094	18.701	9.331	5/16"	65'	3/8" MBSP M22 x 1.5	3/8" FBSP	46.30	<b>DGO 0820HPI</b>


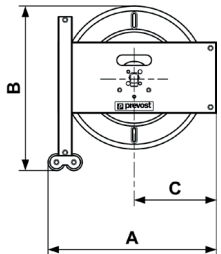
# REELS WITHOUT HOSE FOR WATER/STEEL HIGH PRESSURE

**Technology**  
Pipe locked with  
ratchet stop

**Construction**  
Epoxy-coated  
steel case

**Equipped with**  
Fixed bracket

## OPEN HOSE REEL

		A (inch)	B (inch)	C (inch)	Outlet BSPP male thread	Swivel inlet BSPP female thread	Capacity (ft)	Weight (lbs)	Part Numbers
		19.094	18.701	9.331	3/8" MBSP	3/8" FBSP	50'	33.07	<b>DMO NHP</b>
19.094	18.898	9.331	3/8" MBSP	3/8" FBSP	65'	44.10	<b>DGO NHP</b>		
Pressure: 5800 psi									


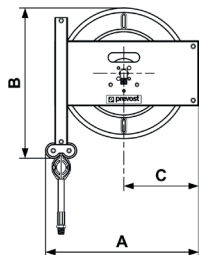
# HOSE REELS FOR GREASE AND OIL

**Technology**  
Pipe locked with  
ratchet stop


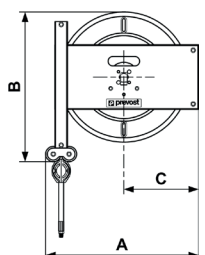
**Construction**  
Epoxy-coated  
steel case

**Equipped with**  
Fixed bracket

## OPEN HOSE REEL - RUBBER HOSE - MEDIUM PRESSURE - OIL

		A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Outlet BSPP male thread	Swivel inlet BSPP male thread	Weight (lb)	Part Numbers
		19.094	18.701	9.331	1/2"	33'	1/2" MBSP	1/2"	39.69	<b>DMO 1310OIL</b>
19.094	18.701	9.331	1/2"	50'	1/2" MBSP	1/2"	50.71	<b>DGO 1315OIL</b>		
19.094	18.898	9.331	1/2"	65'	1/2" MBSP	1/2"	59.52	<b>DGO 1320OIL</b>		
Max Pressure: 870 psi Temperature: +15°F to +105°F										

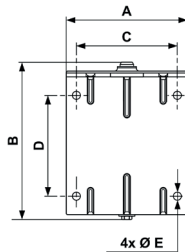
## OPEN HOSE REEL - RUBBER HOSE - HIGH PRESSURE - GREASE

		A (inch)	B (inch)	C (inch)	ID (in)	Length (ft)	Outlet BSPP male thread	Swivel inlet BSPP male thread	Weight (lb)	Part Numbers
		19.094	18.701	9.331	1/4"	33'	1/4" MBSP	1/4"	40.79	<b>DMO 0610GR</b>
19.094	18.701	9.331	1/4"	50'	1/4" MBSP	1/4"	45.20	<b>DMO 0615GR</b>		
19.094	18.701	9.331	1/4"	65'	1/4" MBSP	1/4"	59.53	<b>DGO 0620GR</b>		
Max Pressure: 5800 psi Temperature: +15°F to +210°F										

# BRACKET FOR HOSE REELS STAINLESS STEEL

Construction  
Stainless steel  
AISI 316

## STAINLESS STEEL SWIVEL BRACKET FOR DGOI HOSE REEL

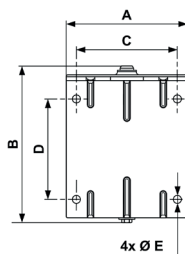


A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Model (of hose reel)	Part Numbers
7.087	8.071	5.906	5.906	0.472	For DMOI	<b>DMOI PIV2</b>
9.055	8.071	7.874	5.906	0.472	For DGOI	<b>DGOI PIV2</b>
6.299	14.488	4.882	11.811	0.472	For DLOI	<b>DLOI PIV</b>

# HOSE REEL ACCESSORIES

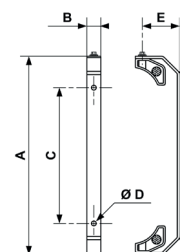
Construction  
Treated steel

## SWIVEL BRACKET FOR HOSE REELS



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Model (of hose reel)	Part Numbers
7.087	8.071	5.906	5.906	0.472	(1) For DMO	<b>DMO PIV2</b>
9.055	8.071	7.874	5.906	0.472	(2) For DGO	<b>DGO PIV2</b>
6.22	15.748	4.331	11.024	0.472	(3) For DLO	<b>DLO PIV</b>

## SWIVEL BRACKET FOR DGF HOSE REELS



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Model (of hose reel)	Part Numbers
16.811	1.181	11.496	0.413	3.15	For DGF	<b>DGF PIV</b>

# 12

# Polyurethane and polyamide tubing

- Sturdy, flexible tubes
- Excellent coil memory, tube returns to its initial shape
- Pressure and temperature resistance
- Abrasion resistant
- Wide variety of colors to identify circuits



Length markings and labelling every 20 inches

## Specifications and advantages of polyurethane ester and ether tubing

- Flexible
- Low bend radius
- Resistant to abrasion and UV radiation
- Thermal stability
- Repels oil and grease



### ■ PU ESTER TUBING

- High mechanical specifications

Polyurethane ester tubing	
Maximum working pressure at 68°F	int./ext. diam. / Psi
	1.8 x 3 mm / 203 psi
	2.5 x 4 mm / 145 psi
	3 x 5 mm / 159.5 psi
	4 x 6 mm / 130.5 psi
	5.5 x 8 mm / 116 psi
	7 x 10 mm / 116 psi
	8 x 12 mm / 130.5 psi
	9.5 x 14 mm / 130.5 psi
	11 x 16 mm / 130.5 psi
Temperature	4°F to 158°F
Minimum bend radius at 23°C	In accordance with NF E49-101
Hardness	52 Shore D
Tensile strength	40 MPa
Elongation at break	470 %
Stress at 100% elongation	16 MPa
Tear strength	120 N/mm
Abrasion	35 mm <sup>3</sup>
Fire resistance	HB UL94



# Polyurethane and polyamide tubing

## Pneumatic applications

Supply to pneumatic automation components, piping, industrial circuits.



25 meters - 82 ft. Roll



Polyurethane tubing: 100-meter drums - 328 ft. bulk rolls  
Polyamide tubing: 100, 500 and 1000 ft

## Specifications and advantages of Nylon 12 tube

- Resistance to hydrolysis and chemical substances
- Withstands a wide range of temperatures and pressures
- Durable
- High abrasion resistance



Max working pressure at 70°F	PA 12 polyamide tubing	
	Diam. (inch)	Psi
	0.125 x 0.080	420 psi
	0.156 x 0.105	350 psi
	0.188 x 0.138	320 psi
	0.250 x 0.180	290 psi
	0.313 x 0.236	250 psi
	0.375 x 0.275	250 psi
	0.500 x 0.375	240 psi
<b>Temperature</b>	-60°F to +200°F	
<b>Hardness</b>	70 Shore D	

For optimum connection of the tubing in the coupling, the tube should be cut at exactly 90° before inserting it in the coupling. We recommend using a R22CT tube cutter.



### ASSOCIATED PRODUCTS

Push-to-connect fittings. Not suitable for braking circuits



# POLYAMIDE TUBING (NYLON)

Temperature  
- 60°F to +200°F

Construction  
Polyamide PA 12

Highlight  
Excellent shape  
memory  
Highly resistant  
to chemicals

## POLYAMIDE (NYLON) TUBING IN 100 FT ROLLS

A (inch)	B (inch)	OD (in)	ID (in)	Min. bend radius (at 70°F (in))	Max operating pressure (at 70°F (psi))	Color	Part Numbers
-	-	1/8 or 0.125	0.080	0.375	420	Blue	<b>PABE I0918100</b>
-	-	1/8 or 0.125	0.080	0.375	420	Black	<b>PABK I0918100</b>
-	-	1/8 or 0.125	0.080	0.375	420	Clear	<b>PACR I0918100</b>
-	-	5/32 or 0.156	0.106	0.5	350	Blue	<b>PABE I1053100</b>
-	-	5/32 or 0.156	0.106	0.5	350	Black	<b>PABK I1053100</b>
-	-	5/32 or 0.156	0.106	0.5	350	Clear	<b>PACR I1053100</b>
-	-	3/16 or 0.188	0.138	0.625	320	Blue	<b>PABE I1331100</b>
-	-	3/16 or 0.188	0.138	0.625	320	Black	<b>PABK I1331100</b>
-	-	3/16 or 0.188	0.138	0.625	320	Clear	<b>PACR I1331100</b>
-	-	1/4 or 0.250	0.180	1.25	290	Blue	<b>PABE I1814100</b>
-	-	1/4 or 0.250	0.180	1.25	290	Black	<b>PABK I1814100</b>
-	-	1/4 or 0.250	0.180	1.25	290	Clear	<b>PACR I1814100</b>
-	-	1/4 or 0.250	0.180	1.25	290	Red	<b>PARD I1814100</b>
-	-	5/16 or 0.313	0.236	1.496	250	Blue	<b>PABE I2351100</b>
-	-	5/16 or 0.313	0.236	1.496	250	Black	<b>PABK I2351100</b>
-	-	5/16 or 0.313	0.236	1.496	250	Clear	<b>PACR I2351100</b>
-	-	3/8 or 0.375	0.275	1.2	250	Blue	<b>PABE I2738100</b>
-	-	3/8 or 0.375	0.275	1.2	250	Black	<b>PABK I2738100</b>
-	-	3/8 or 0.375	0.275	1.2	250	Clear	<b>PACR I2738100</b>
-	-	3/8 or 0.375	0.275	1.2	250	Red	<b>PARD I2738100</b>
-	-	1/2 or 0.500	0.375	3.5	240	Blue	<b>PABE I3212100</b>
-	-	1/2 or 0.500	0.375	3.5	240	Black	<b>PABK I3212100</b>
-	-	1/2 or 0.500	0.375	3.5	240	Clear	<b>PACR I3212100</b>

PA



# POLYAMIDE TUBING (NYLON)

## POLYAMIDE (NYLON) TUBING IN 500 FT ROLLS



A (inch)	B (inch)	OD (in)	ID (in)	Min. bend radius (at 68°F (in))	Max operating pressure (at 68°F (psi))	Color	Part Numbers
-	-	1/8 or 0.125	0.080	0.375	420	Blue	<b>PABE I0918500</b>
-	-	1/8 or 0.125	0.080	0.375	420	Black	<b>PABK I0918500</b>
-	-	1/8 or 0.125	0.080	0.375	420	Clear	<b>PACR I0918500</b>
-	-	5/32 or 0.156	0.106	0.5	350	Blue	<b>PABE I1053500</b>
-	-	5/32 or 0.156	0.106	0.5	350	Black	<b>PABK I1053500</b>
-	-	5/32 or 0.156	0.106	0.5	350	Clear	<b>PACR I1053500</b>
-	-	3/16 or 0.188	0.138	0.625	320	Blue	<b>PABE I1331500</b>
-	-	3/16 or 0.188	0.138	0.625	320	Black	<b>PABK I1331500</b>
-	-	3/16 or 0.188	0.138	0.625	320	Clear	<b>PACR I1331500</b>
-	-	1/4 or 0.250	0.18	1.25	290	Blue	<b>PABE I1814500</b>
-	-	1/4 or 0.250	0.18	1.25	290	Black	<b>PABK I1814500</b>
-	-	1/4 or 0.250	0.18	1.25	290	Clear	<b>PACR I1814500</b>

## POLYAMIDE (NYLON) TUBING IN 1000 FT ROLLS





A (inch)	B (inch)	OD (in)	ID (in)	Min. bend radius (at 70°F (in))	Max operating pressure (at 70°F (psi))	Color	Part Numbers
-	-	1/8 or 0.125	0.080	0.375	420	Blue	<b>PABE I09181000</b>
-	-	1/8 or 0.125	0.080	0.375	420	Black	<b>PABK I09181000</b>
-	-	1/8 or 0.125	0.080	0.375	420	Clear	<b>PACR I09181000</b>
-	-	5/32 or 0.156	0.106	0.5	350	Blue	<b>PABE I10531000</b>
-	-	5/32 or 0.156	0.106	0.5	350	Black	<b>PABK I10531000</b>
-	-	5/32 or 0.156	0.106	0.5	350	Clear	<b>PACR I10531000</b>
-	-	3/16 or 0.188	0.138	0.625	320	Blue	<b>PABE I13311000</b>
-	-	3/16 or 0.188	0.138	0.625	320	Black	<b>PABK I13311000</b>
-	-	3/16 or 0.188	0.138	0.625	320	Clear	<b>PACR I13311000</b>
-	-	1/4 or 0.250	0.18	1.25	290	Blue	<b>PABE I18141000</b>
-	-	1/4 or 0.250	0.18	1.25	290	Black	<b>PABK I18141000</b>
-	-	1/4 or 0.250	0.18	1.25	290	Clear	<b>PACR I18141000</b>

Temperature  
- 60°F to +200°F

Construction  
Polyamide PA 12

Highlight  
Excellent shape  
memory  
Highly resistant  
to chemicals

## TUBE CUTTER - R22 CT

	A (inch)	B (inch)	Description	Part Numbers
		4.409	1.102 Tube cutter Specially designed to get a 90° clean cut	<b>R22 CT</b>

## POLYURETHANE ETHER BASE TUBING


Temperature  
- 4°F to +158°F

Construction  
Polyurethane

Applications  
Compact air  
transport

Highlight  
Food compliant  
(FDA)

## POLYURETHANE ETHER BASE TUBING IN 100 FT ROLLS

	OD (in)	ID (in)	Min. bend radius (at 68° F (inches))	Max operating pressure (at 68°F (psi))	Color	Part Numbers
	3/8 or 0.375	0.25	0.98	147	Blue	<b>PHBE I2538100</b>

# POLYURETHANE ESTER BASE TUBING PU

## POLYURETHANE ESTER BASE TUBING IN 25 METER-BOX



ID (/OD (mm))	Min. bend radius (at 68°F (in))	Max operating pressure (at 68°F (psi))	Color	Part Numbers
2.5 x 4	0.47	145	Black	<b>PUBK M250425</b>
2.5 x 4	0.47	145	Blue	<b>PUBE M250425</b>
2.5 x 4	0.47	145	Clear	<b>PUCR M250425</b>
2.5 x 4	0.47	145	Green	<b>PUGN M250425</b>
2.5 x 4	0.47	145	Yellow	<b>PUYW M250425</b>
2.5 x 4	0.47	145	Grey	<b>PUGY M250425</b>
2.5 x 4	0.47	145	Red	<b>PURD M250425</b>
4 x 6	0.59	130	Black	<b>PUBK M040625</b>
4 x 6	0.59	130	Blue	<b>PUBE M040625</b>
4 x 6	0.59	130	Clear	<b>PUCR M040625</b>
4 x 6	0.59	130	Green	<b>PUGN M040625</b>
4 x 6	0.59	130	Yellow	<b>PUYW M040625</b>
4 x 6	0.59	130	Grey	<b>PUGY M040625</b>
4 x 6	0.59	130	Red	<b>PURD M040625</b>
5.5 x 8	0.79	123	Black	<b>PUBK M550825</b>
5.5 x 8	0.79	123	Blue	<b>PUBE M550825</b>
5.5 x 8	0.79	123	Green	<b>PUGN M550825</b>
5.5 x 8	0.79	123	Yellow	<b>PUYW M550825</b>
5.5 x 8	0.79	123	Grey	<b>PUGY M550825</b>
5.5 x 8	0.79	123	Red	<b>PURD M550825</b>
7 x 10	0.98	123	Black	<b>PUBK M071025</b>
7 x 10	0.98	123	Blue	<b>PUBE M071025</b>
7 x 10	0.98	123	Clear	<b>PUCR M071025</b>
7 x 10	0.98	123	Green	<b>PUGN M071025</b>
7 x 10	0.98	123	Yellow	<b>PUYW M071025</b>
7 x 10	0.98	123	Grey	<b>PUGY M071025</b>
7 x 10	0.98	123	Red	<b>PURD M071025</b>
8 x 12	1.38	130	Black	<b>PUBK M081225</b>
8 x 12	1.38	130	Blue	<b>PUBE M081225</b>
8 x 12	1.38	130	Clear	<b>PUCR M081225</b>
9.5 x 14	1.77	130	Black	<b>PUBK M951425</b>
9.5 x 14	1.77	130	Blue	<b>PUBE M951425</b>
9.5 x 14	1.77	130	Clear	<b>PUCR M951425</b>
11 x 16	2.17	130	Black	<b>PUBK M111625</b>

Temperature  
- 4°F to +158°F

Construction  
Polyurethane  
Ester base

Highlight  
Resistant to oils  
and greases

## POLYURETHANE ESTER BASE TUBING IN 100 METER-ROLLS



ID (ID/OD (mm))	Min. bend radius (at 68°F (in))	Max operating pressure (at 68°F (psi))	Color	Part Numbers
2.5 x 4	0.47	145	Black	<b>PUBK M2504100</b>
2.5 x 4	0.47	145	Blue	<b>PUBE M2504100</b>
2.5 x 4	0.47	145	Clear	<b>PUCR M2504100</b>
2.5 x 4	0.47	145	Green	<b>PUGN M2504100</b>
2.5 x 4	0.47	145	Yellow	<b>PUYW M2504100</b>
2.5 x 4	0.47	145	Grey	<b>PUGY M2504100</b>
2.5 x 4	0.47	145	Red	<b>PURD M2504100</b>
4 x 6	0.59	130	Black	<b>PUBK M0406100</b>
4 x 6	0.59	130	Blue	<b>PUBE M0406100</b>
4 x 6	0.59	130	Clear	<b>PUCR M0406100</b>
4 x 6	0.59	130	Green	<b>PUGN M0406100</b>
4 x 6	0.59	130	Yellow	<b>PUYW M0406100</b>
4 x 6	0.59	130	Grey	<b>PUGY M0406100</b>
4 x 6	0.59	130	Red	<b>PURD M0406100</b>
5.5 x 8	0.79	123	Black	<b>PUBK M5508100</b>
5.5 x 8	0.79	123	Blue	<b>PUBE M5508100</b>
5.5 x 8	0.79	123	Clear	<b>PUCR M5508100</b>
5.5 x 8	0.79	123	Green	<b>PUGN M5508100</b>
5.5 x 8	0.79	123	Yellow	<b>PUYW M5508100</b>
5.5 x 8	0.79	123	Grey	<b>PUGY M5508100</b>
5.5 x 8	0.79	123	Red	<b>PURD M5508100</b>
7 x 10	0.98	123	Black	<b>PUBK M0710100</b>
7 x 10	0.98	123	Blue	<b>PUBE M0710100</b>
7 x 10	0.98	123	Clear	<b>PUCR M0710100</b>
8 x 12	1.38	130	Black	<b>PUBK M0812100</b>
8 x 12	1.38	130	Blue	<b>PUBE M0812100</b>
8 x 12	1.38	130	Clear	<b>PUCR M0812100</b>
9.5 x 14	1.77	130	Black	<b>PUBK M9514100</b>

# 13 Bulk hose

There are two variables to consider when choosing the proper hose:

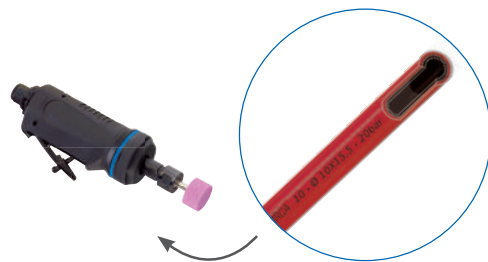
- Environmental conditions: Regular or harsh, indoor or outdoor, etc.
- Type of fluid running through the hose: compressed air, lubricated or dry.

To improve working conditions, select a hose that is the proper length, diameter and has the adequate flexibility necessary for job, work station and operator.



## Selecting the **correct** hose

A range of hoses are available for numerous applications.



### AIRCA

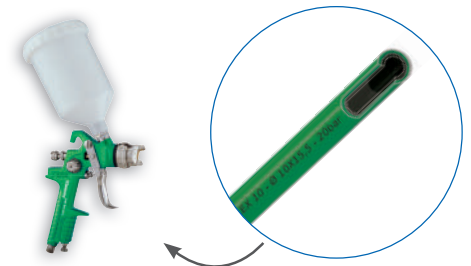
#### Rubber hose

- Inner tube: black, synthetic rubber
- Synthetic fabric braid
- Outer cover: red synthetic rubber
- Flexible with good abrasion resistance
- Excellent dependability
- Applications: supply air to pneumatic tools

### STOFLEX

#### Non-static rubber hose

- Conductivity via hose: electrical resistance  $< 10^6 \Omega/m$
- Inner tube: black synthetic rubber
- Reinforced with synthetic thread
- Outer cover: green synthetic rubber
- Applications: compressed air supply for paint spray guns



### FLEXAIR

#### Polymer hybrid hose

- Combining the best characteristics of PVC and rubber
- Blue PVC inner and outer lining
- Extremely flexible hose with good, high-quality grip
- Light weight
- Applications: air supply for pneumatic tools

### SURFLEX

#### Industrial PVC hose

- Hose with 2 thermoplastic layers
- Light, flexible, resists impacts and compression
- Applications: air supply for pneumatic tools



### ASSOCIATED PRODUCTS

Flexible hoses fitted with safety couplings



# BULK HOSE

## AIRCA RUBBER AIR HOSE



Thread (MNPT)	Diameter (ID (in))	Coil (Length (Ft))	Max operating pressure (at 68°F (psi))	Temperature (°F)	Color	Part Numbers
1/4"	3/8"	25'	200	-40 to 190	Red	<b>AIRCA 3825</b>
1/4"	3/8"	50'	200	-40 to 190	Red	<b>AIRCA 3850</b>
NA	3/8"	500' Bulk hose	200	-40 to 190	Red	<b>AIRCA 38500</b>

## SURFLEX INDUSTRIAL HOSE



Thread (MNPT)	Diameter (ID (in))	Coil (Length (Ft))	Max operating pressure (at 68°F (psi))	Temperature (°F)	Color	Part Numbers
1/4"	3/8"	25'	300	-10 to 158	Blue	<b>SURFLEX 3825</b>
1/4"	3/8"	50'	300	-10 to 158	Blue	<b>SURFLEX 3850</b>
NA	3/8"	500' Bulk hose	300	-10 to 158	Blue	<b>SURFLEX 38500</b>

## STOFLEX- NON STATIC HOSE



Thread (MNPT)	Diameter (ID (in))	Coil (Length (Ft))	Max operating pressure (at 68°F (psi))	Temperature (°F)	Color	Part Numbers
1/4"	3/8"	25'	300	-40 to 190	Green	<b>STOFLEX 3825</b>
1/4"	3/8"	35'	300	-40 to 190	Green	<b>STOFLEX 3835</b>
1/4"	3/8"	50'	300	-40 to 190	Green	<b>STOFLEX 3850</b>
NA	3/8"	500' Bulk hose	300	-40 to 190	Green	<b>STOFLEX 38500</b>



# 14

# Flexible shop hoses

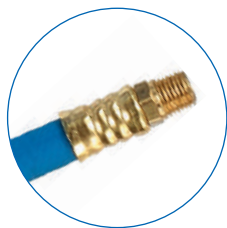
## Air hose kits **with coupling and plug**

- Wide range of air hoses available in an assortment of materials, diameters and lengths
- Couplings are paired with the appropriate hose diameter
- Fully non-scratch product
- Easy and dependable connections
- Arrive ready to use
- Easy to maneuver, move and store



## Types **of equipment**

### ■ CRIMPED EXTENSION HOSES



- Hose connected to coupling by industrial crimping
- No protruding parts
- Assembly covered by non-scratch coating on the coupling side
- Excellent grip on the hose

### ■ FLEXIBLE HOSES WITH SWIVEL COUPLING



Hoses with a swivel coupling eliminates:

- Twisted hoses
- Downtime due to broken hoses
- Difficult and uncomfortable positions
- Arm and wrist fatigue

They provide the operator with the freedom of movement required for quick, high-quality work.

## Rubber **air hoses**

Hoses are compatible with lubricated air systems



UAIR 3850FA

- COMPRESSED AIR FLEXIBLE HOSE ASSEMBLY FOR PNEUMATIC TOOLS, WITH **AIRCA** RUBBER HOSE AND SWIVEL COUPLING

## Rubber *air hoses*

- COMPRESSED **AIR FLEXIBLE HOSE** ASSEMBLY FOR PAINT GUNS WITH **STOFLEX** ANTI-STATIC HOSE



ESTO 03850FA

## Hybrid polymer air hoses *for non-lubricated air*



RST RISB3850

- COMPRESSED **AIR FLEXIBLE HOSE** ASSEMBLY WITH HYBRID PVC **FLEXAIR** HOSE AND **prevoS1** SAFETY QUICK RELEASE COUPLINGS

- COMPRESSED **AIR HOSE ASSEMBLY** WITH PVC **DIFLEX** HOSE AND **prevoS1** SAFETY QUICK RELEASE COUPLINGS



ISDI 1440

- **PVC FLEXIBLE HOSE** WITH PROTECTIVE GUARD AND QUICK COUPLINGS

## Water hose with **ELS** automatic water coupling

- **WATER HOSE WITH ELS COUPLING** WITH SHUTOFF VALVE AND STANDARD PLUG FOR WATER (SHUT-OFF VALVE INCLUDED)



EVHO 1942



Standard profile

# STOFLEX HOSE EXTENSION WITH QUICK RELEASE COUPLINGS

Operating pressure  
0 to 174 psi

Temperature  
+5°F to +158°F

Equipped with  
Coupler and plug

## STOFLEX HOSE ASSEMBLIES WITH SWIVEL



PAINTING

Diameter (ID (in))	Coupler	Plug	Length (ft)	Part Numbers
3/8"	ISC 06SW	IRP 06	50'	<b>RISTO 63850S</b>
3/8"	ESC 07SW	ERP 07	35'	<b>RESTO 73835S</b>
3/8"	ESC 07SW	ERP 07	50'	<b>RESTO 73850S</b>
3/8"	ASC 06SW	ARP 06	35'	<b>RASTO 63835S</b>
3/8"	ASC 06SW	ARP 06	50'	<b>RASTO 63850S</b>

# STOFLEX HOSE KIT ANTI-STATIC RUBBER

Operating pressure  
0 to 174 psi

Temperature  
+5°F to +158°F

## STOFLEX HOSE ASSEMBLY



PAINTING

NPT male thread	Diameter (ID (in))	Coupler	Length (ft)	Part Numbers
1/4" MNPT	3/8"	URC 06	4.5'	<b>USTO 3804FA</b>
1/4" MNPT	3/8"	URC 06	35'	<b>USTO 3835FA</b>
1/4" MNPT	3/8"	URC 06	50'	<b>USTO 3850FA</b>
3/8" MNPT	3/8"	ERC 07	4.5'	<b>ESTO 3804FA</b>
3/8" MNPT	3/8"	ERC 07	35'	<b>ESTO 3835FA</b>
3/8" MNPT	3/8"	ERC 07	50'	<b>ESTO 3850FA</b>
3/8" MNPT	3/8"	ERC 07	75'	<b>ESTO 3875FA</b>

## STOFLEX HOSE WHIP ASSEMBLY



PAINTING

NPT male thread	Diameter (ID (in))	Plug	Length (ft) (in)	Part Numbers
1/4" MNPT	3/8"	IRP 06	24"	<b>WHSTO 38I251</b>
1/4" MNPT	3/8"	URP 06	24"	<b>WHSTO 38U251</b>
1/4" MNPT	3/8"	ERP 06	24"	<b>WHSTO 38E251</b>
1/4" MNPT	3/8"	ARP 06	24"	<b>WHSTO 38A251</b>
1/4" MNPT	3/8"	Swivel 1/4" MNPT	24"	<b>WHSTO 38FA251</b>

# AIRCA HOSE KIT RUBBER OIL RESISTANT

Operating  
pressure  
0 to 174 psi

Temperature  
+5°F to +158°F

Construction  
EPDM

Highlight  
Resistant to oils

## AIRCA HOSE ASSEMBLY WITH SWIVEL



Diameter (ID (mm))	Coupler	Plug	Length (ft)	Part Numbers
3/8"	ISC 06SW	IRP 06	50'	<b>SIAIR 63850S</b>
3/8"	ISC 08SW	IRP 08	50'	<b>SIAIR 83850S</b>
3/8"	ESC 07SW	ERP 07	35'	<b>SEAIR 73835S</b>
3/8"	ESC 07SW	ERP 07	50'	<b>SEAIR 73850S</b>
3/8"	ASC 06SW	ARP 06	35'	<b>SAAIR 63835S</b>
3/8"	ASC 06SW	ARP 06	50'	<b>SAAIR 63850S</b>

## AIRCA HOSE ASSEMBLY W / SWIVEL END



NPT male thread	Diameter (ID (in))	Coupler	Length (ft)	Part Numbers
1/4" MNPT	3/8"	URC 06	6'	<b>UAIR 3806FA</b>
1/4" MNPT	3/8"	URC 06	35'	<b>UAIR 3835FA</b>
1/4" MNPT	3/8"	URC 06	50'	<b>UAIR 3850FA</b>

# FLEXAIR HOSE KIT PVC-POLYMER BLEND

**NEW**

**1/4" FLEXAIR HYBRID POLYMER HOSE WITH PRESSED METAL SLEEVES, NON-SCRATCH SHEATH AND PREVOS1 QUICK SAFETY COUPLINGS**



ID (in)	Coupler	Plug	Length (ft)	Part Numbers
1/4"	ISI 06	IRP 06	25'	<b>RST RISB1425</b>
1/4"	ISI 06	IRP 06	50'	<b>RST RISB1450</b>
1/4"	ISI 06	IRP 06	100'	<b>RST RISB14100</b>
1/4"	USI 06	URP 06	25'	<b>RST RUSB1425</b>
1/4"	USI 06	URP 06	50'	<b>RST RUSB1450</b>
1/4"	USI 06	URP 06	100'	<b>RST RUSB14100</b>
1/4"	ESI 07	ERP 07	25'	<b>RST RESB1425</b>
1/4"	ESI 07	ERP 07	50'	<b>RST RESB1450</b>
1/4"	ESI 07	ERP 07	100'	<b>RST RESB14100</b>
1/4"	ASI 06	ARP 06	25'	<b>RST RASB1425</b>
1/4"	ASI 06	ARP 06	50'	<b>RST RASB1450</b>
1/4"	ASI 06	ARP 06	100'	<b>RST RASB14100</b>

**NEW**

**3/8" FLEXAIR HYBRID POLYMER HOSE WITH PRESSED METAL SLEEVES, NON-SCRATCH SHEATH AND PREVOS1 QUICK SAFETY COUPLINGS**



ID (in)	Coupler	Plug	Length (ft)	Part Numbers
3/8"	ISI 06	IRP 06	25'	<b>RST RISB3825</b>
3/8"	ISI 06	IRP 06	35'	<b>RST RISB3835</b>
3/8"	ISI 06	IRP 06	50'	<b>RST RISB3850</b>
3/8"	ISI 06	IRP 06	100'	<b>RST RISB38100</b>
3/8"	USI 06	URP 06	25'	<b>RST RUSB3825</b>
3/8"	USI 06	URP 06	35'	<b>RST RUSB3835</b>
3/8"	USI 06	URP 06	50'	<b>RST RUSB3850</b>
3/8"	USI 06	URP 06	100'	<b>RST RUSB38100</b>
3/8"	ESI 07	ERP 07	25'	<b>RST RESB3825</b>
3/8"	ESI 07	ERP 07	35'	<b>RST RESB3835</b>
3/8"	ESI 07	ERP 07	50'	<b>RST RESB3850</b>
3/8"	ESI 07	ERP 07	100'	<b>RST RESB38100</b>
3/8"	ASI 06	ARP 06	25'	<b>RST RASB3825</b>
3/8"	ASI 06	ARP 06	35'	<b>RST RASB3835</b>
3/8"	ASI 06	ARP 06	50'	<b>RST RASB3850</b>
3/8"	ASI 06	ARP 06	100'	<b>RST RASB38100</b>

**NEW**

**1/2" FLEXAIR HYBRID POLYMER HOSE WITH PRESSED METAL SLEEVES, NON-SCRATCH SHEATH AND PREVOS1 QUICK SAFETY COUPLINGS**



ID (in)	Coupler	Plug	Length (ft)	Part Numbers
1/2"	ISI 08	IRP 08	50'	<b>RST RISB1250</b>
1/2"	USI 08	URP 08	50'	<b>RST RUSB1250</b>
1/2"	ESI 07	ERP 07	50'	<b>RST RESB1250</b>

Operating pressure  
29 to 174 psi

Temperature  
+5°F to +140°F

Construction  
PVC

Equipped with  
Coupler and  
adapter

## SURFLEX HOSE KIT WITH SWIVEL END



NPT male thread	Diameter (ID (in))	Coupler	Length (ft)	Part Numbers
1/4" MNPT	3/8"	IRC 06	6.5'	<b>ISUR 3806FA</b>
1/4" MNPT	3/8"	IRC 06	35'	<b>ISUR 3835FA</b>
1/4" MNPT	3/8"	IRC 06	50'	<b>ISUR 3850FA</b>

## PVC HOSE KIT



Diameter (ID (in))	Coupler	Plug	Length (ft)	Part Numbers
1/4"	ISI 06	IRP 06'	40'	<b>ISDI 1440</b>
1/4"	ISI 06	IRP 06'	54'	<b>ISDI 1454</b>
1/4"	ESI 07	ERP 07	40'	<b>ESDI 1440</b>
1/4"	ESI 07	ERP 07	54'	<b>ESDI 1454</b>

# HOSE EXTENSION FOR WATER SYSTEMS

Operating pressure  
0 to 116 psi

Temperature  
+14°F to +122°F

Construction  
PVC

Applications  
Washing and  
cleaning

Equipped with  
Coupling and  
adapter for water  
systems


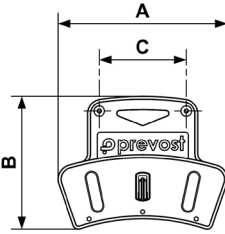
## HOSE EXTENSION WITH VALVED HOSE COUPLER AND PLUG




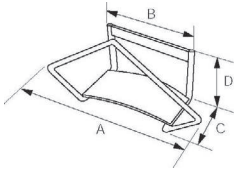
ID (in)	Length (ft)	Coupler	Plug	Part Numbers
3/4"	42	ELS 09	ELP 09	<b>EVHO 1942</b>

# HOSE HOLDER

## HOSE HOLDER

		A (inch)	B (inch)	C (inch)	D (inch)	Includes	Part Numbers
		11.496	8.976	5.906	-	Hose holder supplied with: - 1 hook for spray gun - 1 kit of screws and nuts - 2 rubber wedges	<b>PLA HR</b>

## STAINLESS STEEL HOSE HOLDER

		A (inch)	B (inch)	C (inch)	D (inch)	Description	Part Numbers
		13.976	8.268	6.299	6.299	Wall storage bracket Heavy duty stainless stainless Suitable for 82 ft. of hose	<b>EHS 25</b>



# 15

# Spiral hoses

## *Guaranteed freedom of movement*

In workshops, spiral hoses are a versatile way to supply air to quick couplings, blow guns and other pneumatic tools.

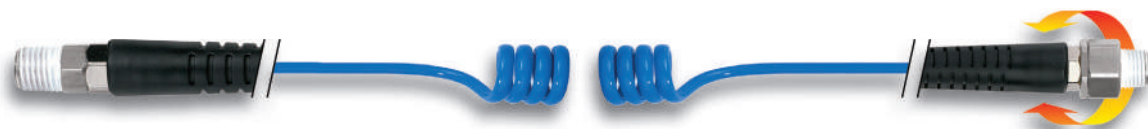
The length of the hose can be adjusted to allow operators to use tools within their work area without being restricted by weight or extra hose length. There is also no risk of twisting.



## **PUS polyurethane version**

### ■ PUS POLYURETHANE SPIRAL HOSE

- Ready to use supplied hoses
- Tapered male Teflon-coated coupling threads for easy and reliable installation
- Nickel-plated brass couplings
- Good elasticity
- Returns to initial position after long-term extension, guaranteed
- Plastic guard for protection against hose breakage at couplings



Fixed coupling on supply side

Ball bearing-mounted swivel coupling on pneumatic tool side: effortless rotation even under pressure

### **Special polyurethane couplings supplied as spare parts:**

- Swivel couplings
- Fixed couplings



For heavy-duty applications, we recommend the use of FF PUS polyurethane spiral hose with fixed couplings on both sides.

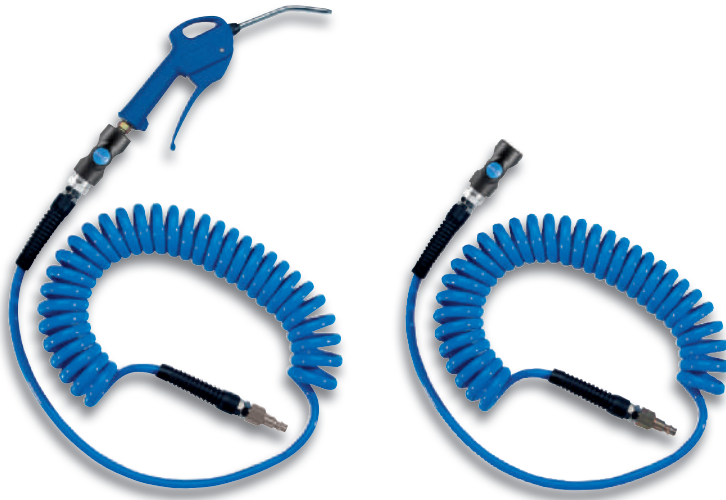


## Spiral hoses

### *Blow gun assemblies and spiral hoses*

#### ■ BLOW GUN AND SPIRAL HOSE ASSEMBLIES EQUIPPED WITH COUPLING AND PLUG

Sealed assemblies, ready for use (with or without blow gun).



#### ASSOCIATED PRODUCTS

IBG 06MTL - IPG 06OSH



# POLYURETHANE SPIRAL HOSES WITH NON-SCRATCHING FITTINGS

Max operating pressure  
116 psi


Temperature  
+5°F to +158°F

Construction  
Polyurethane


Highlight  
Non scratch

Equipped with  
Teflon-coated  
thread


## SPIRAL HOSE W/ FIXED AND ROTATING FITTINGS

	NPT male thread	ID (in)	Coil Ø (in)	Max length (ft)	Min. length (ft)	Part Numbers
	1/4" MNPT	1/4"	1.65"	6.5'	0.60'	<b>PUS 252</b>
	1/4" MNPT	1/4"	1.65"	13'	1.31'	<b>PUS 254</b>
	1/4" MNPT	5/16"	2.05"	13'	1.31'	<b>PUS 264</b>
	1/4" MNPT	5/16"	2.05"	20'	2.07'	<b>PUS 266</b>
	1/4" MNPT	5/16"	2.05"	26'	2.62'	<b>PUS 268</b>
	1/4" MNPT	5/16"	2.05"	32'	3.12'	<b>PUS 2610</b>
	3/8" MNPT	3/8"	2.56"	26'	2.36'	<b>PUS 288</b>
	3/8" MNPT	3/8"	2.56"	50'	4.43'	<b>PUS 2815</b>
Blue						

## SPIRAL HOSE W/ FIXED AND ROTATING FITTINGS

	NPT male thread	ID (in)	Coil Ø (in)	Max length (ft)	Min. length (ft)	Part Numbers
	1/4" MNPT	5/16"	2.05"	13'	1.31'	<b>PUS 264R</b>
	1/4" MNPT	5/16"	2.05"	20'	2.07'	<b>PUS 266R</b>
Red						

## SPIRAL HOSE W/ FIXED AND ROTATING FITTINGS

	NPT male thread	ID (in)	Coil Ø (in)	Max length (ft)	Min. length (ft)	Part Numbers
	1/4" MNPT	5/16"	2.05"	13'	1.31'	<b>PUS 264J</b>
	1/4" MNPT	5/16"	2.05"	20'	2.07'	<b>PUS 266J</b>
Yellow						

# POLYURETHANE SPIRAL HOSES WITH NON-SCRATCHING FITTINGS

Max operating pressure  
116 psi

Temperature  
+5°F to +158°F

Construction  
Polyurethane

Highlight  
Non scratch

Equipped with  
Teflon-coated  
thread

## SPIRAL HOSE W/ FIXED AND ROTATING FITTINGS



NPT male thread	ID (in)	Coil Ø (in)	Max length (ft)	Min. length (ft)	Part Numbers
1/4" MNPT	5/16"	2.05"	13'	1.31'	<b>PUS 264V</b>
1/4" MNPT	5/16"	2.05"	20'	2.07'	<b>PUS 266V</b>
Green					

## SPIRAL HOSE W/ FIXED AND ROTATING FITTINGS



NPT male thread	ID (in)	Coil Ø (in)	Max length (ft)	Min. length (ft)	Part Numbers
1/4" MNPT	5/16"	2.05"	13'	1.31'	<b>PUS 264NR</b>
1/4" MNPT	5/16"	2.05"	20'	2.07'	<b>PUS 266NR</b>
Black					

# TOOL BALANCERS WITH SPIRAL-WOUND

Temperature  
+23°F to +140°F

Applications  
Mounting Decks,  
Assembling,  
Packaging

## RECOILING HOSE BALANCERS



Outlet (NPT)	Max length (ft)	Weight (Weight of tool (lb))	Part Numbers
1/4" MNPT	2.1'	0.44 to 1.10	<b>SPI 1251</b>
1/4" MNPT	3.5'	1.54 to 4.41	<b>SPI 3251</b>
1/4" MNPT	4.8'	5.51 to 11.03	<b>SPI 5252</b>
3/8" MNPT	4.7'	13.23 to 22.05	<b>SPI 7252</b>

# 16

# Clamping rings

## Ear clamps

Ear clamps are used to attach hoses made from PVC, rubber and other materials.

- Secure attachment
- Quick and easy assembly
- Wide range of uses
- Economical solution



## TECHNICAL ADVANTAGES

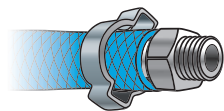
- Shakeproof attachment
- Leak proof
- Corrosion resistance
- Quick and easy to fit
- Sleek appearance
- Thoroughly deburred to avoid any risk of injury
- Usable under a wide range of varying pressures



## INSTALLING AN EAR CLAMP

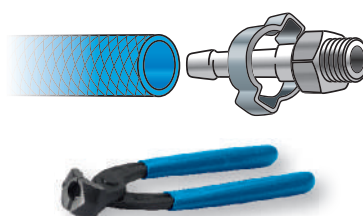
### Selecting a clamp

1. Determine the outside diameter of the hose to be crimped
2. Add 1 mm (0.04")
3. This is the diameter to be selected from the clamp range



### Installing a clamp

1. Position the clamp on the part to be crimped
2. Insert the hose between the clamp and the part
3. Gradually tighten, in 3 successive operations, using pliers (*part number SER 02*)



### Removing a clamp to modify the installation

Cut the clamp widthwise using a clamp cutter



# Clamping rings

## Solid-band worm-drive clamps

### PBS - PBI clamps:

- technology perfectly designed to clamp flexible hoses
- are made from high-quality steel



### ■ ADVANTAGES

- High clamping torque
- Reliable and durable
- No risk of loosening
- Constant clamping force
- Preserve the integrity of the hose
- Some corrosion resistance (**PBI**)
- Withstand vibrations

### ■ DESIGN

#### → Material

**PBS** Made from high-quality carbon steel, galvanized with 10 to 14 micron zinc plating

**PBI** Made from 304 stainless steel

#### → Square threads

Tightened via square thread drive. Forged screw threads and indentations on the clamp, to withstand vibrations

#### → Raised edges

The raised edges make it easier to position the clamp and avoid any risk of cutting the hose

#### → Stamped housing

The housings are made from steel tubes, protected by a blue corrosion-resistant coating



## Mini clamps

### PBM

#### ■ APPLICATIONS

- Clamps for thin-walled and small diameter hoses

#### ■ ADVANTAGES

- No damage to hoses
- Excellent leaktightness
- Good resistance

#### ■ DESIGN

##### → Material

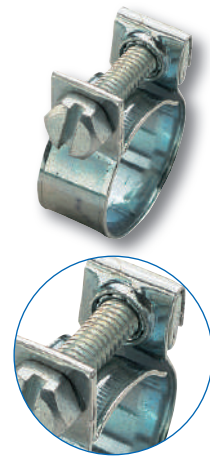
Galvanized steel

##### → Raised edges

Facilitate clamp positioning and avoid any risk of cutting the hose

##### → Captive nut

The nut stays in place even if the screw is removed.



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## Galvanized double-wire clamps

**PF** - Constant spacing double wire system: a cost-effective solution for difficult seals, particularly for smooth adapters.

#### ■ APPLICATIONS

- For rigid and semi-rigid hoses with a cross-section that may not be perfectly cylindrical.
- Air conditioning
- Air ducts

#### ■ DESIGN

##### → Material

Galvanized steel

##### → Head


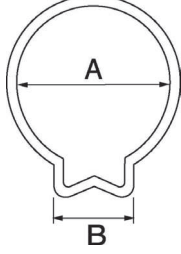
Slotted 8 mm (0.31") hex head

##### → Double wire


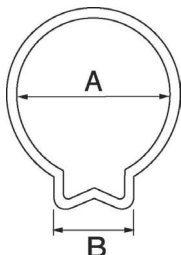


# SINGLE EAR CLAMPS


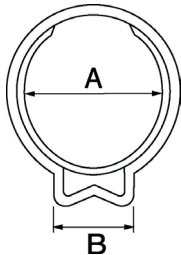
## TREATED STEEL SINGLE EAR CLAMP

		A (inch)	B (inch)	Ø min./max. (in)	Band width (in)	Part Numbers
		0.366	0.217	0.28 - 0.35	0.236	<b>0709E</b>
		0.406	0.236	0.31 - 0.39	0.236	<b>0810E</b>
		0.445	0.256	0.35 - 0.43	0.256	<b>0911E</b>
		0.484	0.276	0.39 - 0.47	0.256	<b>1012E</b>
		0.524	0.295	0.43 - 0.51	0.256	<b>1113E</b>
		0.563	0.315	0.47 - 0.55	0.276	<b>1214E</b>
		0.642	0.335	0.55 - 0.63	0.276	<b>1416E</b>
		0.728	0.374	0.63 - 0.71	0.276	<b>1618E</b>


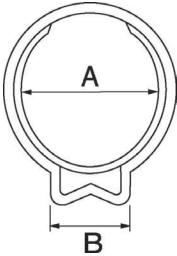
## STAINLESS STEEL SINGLE EAR CLAMP

		A (inch)	B (inch)	Ø min./max. (in)	Band width (in)	Part Numbers
		0.366	0.217	0.27 - 0.35	0.236	<b>INOX 0709E</b>
		0.406	0.236	0.31 - 0.39	0.236	<b>INOX 0810E</b>
		0.445	0.256	0.35 - 0.43	0.256	<b>INOX 0911E</b>
		0.484	0.276	0.39 - 0.47	0.256	<b>INOX 1012E</b>
		0.524	0.295	0.43 - 0.51	0.256	<b>INOX 1113E</b>
		0.563	0.315	0.47 - 0.55	0.276	<b>INOX 1214E</b>
		0.602	0.315	0.51 - 0.59	0.276	<b>INOX 1315E</b>
		0.642	0.335	0.55 - 0.63	0.276	<b>INOX 1416E</b>
		0.689	0.354	0.59 - 0.67	0.276	<b>INOX 1517E</b>
		0.728	0.354	0.63 - 0.71	0.276	<b>INOX 1618E</b>
		0.768	0.374	0.67 - 0.75	0.295	<b>INOX 1719E</b>
		0.807	0.394	0.71 - 0.79	0.295	<b>INOX 1820E</b>

## TREATED STEEL SINGLE EAR CLAMP WITH RING


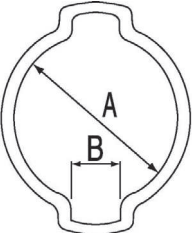
		A (inch)	B (inch)	Ø min./max. (in)	Band width (in)	Part Numbers
		0.335	0.217	0.30 - 0.33	0.236	<b>0708EG</b>
		0.374	0.236	0.31 - 0.37	0.236	<b>0809EG</b>
		0.413	0.256	0.35 - 0.41	0.256	<b>0910EG</b>
		0.453	0.276	0.39 - 0.45	0.256	<b>1011EG</b>
		0.492	0.295	0.41 - 0.49	0.256	<b>1012EG</b>
		0.524	0.315	0.45 - 0.53	0.276	<b>1113EG</b>
		0.602	0.335	0.51 - 0.69	0.276	<b>1315EG</b>
		0.681	0.374	0.59 - 0.68	0.276	<b>1517EG</b>

## STAINLESS STEEL SINGLE EAR CLAMP WITH RING

		A (inch)	B (inch)	Ø min./max. (in)	Band width (in)	Part Numbers
		0.335	0.217	0.27 - 0.31	0.236	<b>INOX 0708EG</b>
		0.374	0.236	0.31 - 0.37	0.236	<b>INOX 0809EG</b>
		0.413	0.256	0.35 - 0.41	0.256	<b>INOX 0910EG</b>
		0.453	0.276	0.39 - 0.43	0.256	<b>INOX 1011EG</b>
		0.492	0.295	0.41 - 0.49	0.256	<b>INOX 1012EG</b>
		0.531	0.315	0.43 - 0.51	0.276	<b>INOX 1113EG</b>
		0.571	0.315	0.51 - 0.57	0.276	<b>INOX 1314EG</b>
		0.602	0.335	0.51 - 0.59	0.276	<b>INOX 1315EG</b>
		0.642	0.354	0.55 - 0.63	0.276	<b>INOX 1416EG</b>
		0.681	0.374	0.59 - 0.67	0.276	<b>INOX 1517EG</b>
		0.72	0.374	0.63 - 0.71	0.295	<b>INOX 1618EG</b>
		0.76	0.394	0.67 - 0.75	0.295	<b>INOX 1719EG</b>

## DOUBLE EAR CLAMPS

### TREATED STEEL DOUBLE EAR CLAMP

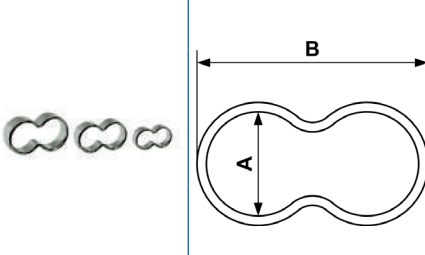
		A (inch)	B (inch)	Ø min./max. (in)	Band width (in)	Part Numbers
		0.287	0.118	0.20 - 0.28	0.236	<b>0507</b>
		0.366	0.118	0.28 - 0.35	0.236	<b>0709</b>
		0.445	0.118	0.35 - 0.43	0.276	<b>0911</b>
		0.524	0.138	0.43 - 0.51	0.276	<b>1113</b>
		0.602	0.138	0.51 - 0.59	0.276	<b>1315</b>
		0.689	0.177	0.59 - 0.67	0.276	<b>1517</b>
		0.728	0.177	0.59 - 0.71	0.276	<b>1518</b>
		0.807	0.217	0.67 - 0.79	0.276	<b>1720</b>
		0.846	0.217	0.71 - 0.83	0.276	<b>1821</b>
		0.925	0.217	0.79 - 0.91	0.315	<b>2023</b>
		1.004	0.236	0.87 - 0.98	0.354	<b>2225</b>
		1.083	0.256	0.91 - 1.06	0.354	<b>2327</b>
		1.122	0.276	0.98 - 1.10	0.354	<b>2528</b>
		1.24	0.276	1.06 - 1.22	0.354	<b>2731</b>
		1.358	0.295	1.22 - 1.34	0.354	<b>3134</b>
		1.476	0.295	1.34 - 1.46	0.354	<b>3437</b>
		1.594	0.315	1.46 - 1.57	0.394	<b>3740</b>
		1.713	0.335	1.57 - 1.69	0.394	<b>4043</b>
		1.831	0.335	1.69 - 1.81	0.394	<b>4346</b>



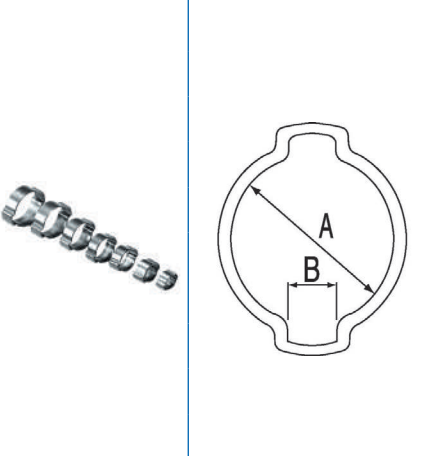
# DOUBLE EAR CLAMPS

Highlight  
Tamperproof  
clamp

## TREATED STEEL TWIN CLAMP


	A (inch)	B (inch)	Ø min./max. (in)	Band width (in)	Part Numbers
	0.512	1.142	0.47 - 0.51	0.354	<b>1213D</b>
	0.591	1.299	0.51 - 0.59	0.354	<b>1415D</b>
	0.669	1.457	0.63 - 0.67	0.354	<b>1617D</b>
	0.748	1.693	0.71 - 0.75	0.354	<b>1819D</b>

## STAINLESS STEEL DOUBLE EAR CLAMP


	A (inch)	B (inch)	Ø min./max. (in)	Band width (in)	Part Numbers
	0.287	0.169	0.20 - 0.28	0.236	<b>INOX 0507</b>
	0.366	0.169	0.28 - 0.35	0.276	<b>INOX 0709</b>
	0.445	0.209	0.35 - 0.43	0.276	<b>INOX 0911</b>
	0.524	0.228	0.43 - 0.51	0.276	<b>INOX 1113</b>
	0.602	0.248	0.51 - 0.59	0.276	<b>INOX 1315</b>
	0.728	0.276	0.59 - 0.71	0.315	<b>INOX 1518</b>
	0.807	0.299	0.67 - 0.79	0.315	<b>INOX 1720</b>
	0.925	0.335	0.79 - 0.91	0.315	<b>INOX 2023</b>
	1.083	0.37	0.90 - 1.0	0.315	<b>INOX 2327</b>

Material: 304 Stainless Steel

## CRIMPING TOOL FOR EAR CLAMPS

	A (inch)	B (inch)	Description	Part Numbers
	-	-	(1) Pincers with standard jaws	<b>SER 02</b>
	-	-	(2) Pincers with side jaws	<b>SER 04</b>


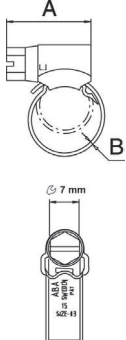
## EAR CLAMPS KIT

	A (inch)	B (inch)	Includes	Part Numbers
	-	-	213 ear clamps: - 47 x 0911 - 35 x 1113 - 50 x 1315 - 36 x 1518 - 28 x 1720 - 9 x 2023 - 8 x 2327	<b>BC 0927</b>
	-	-	3/8" ID Hose repair kit with clamps & hose fittings	<b>ECB 06</b>
	-	-	3/8" ID Hose repair kit with clamps & hose fittings with crimp tool	<b>ECB 06C</b>


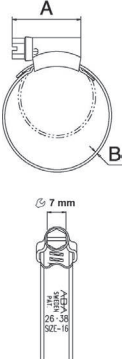
# SOLID-BAND WORM-DRIVE CLAMPS

Construction  
Treated  
zinc-plated steel

## SOLID BAND WORM DRIVE CLAMPS 9MM BAND

			A (inch)	B (inch)	Ø min./max. (in)	Tightening screw (lbf.ft)	Band width (in)	Part Numbers
			0.787	0.031	0.31 - 0.55	1.8 - 2.6	0.354	<b>PBS9 814</b>
0.787	0.031	0.43 - 0.67	1.8 - 2.6	0.354	<b>PBS9 1117</b>			
0.787	0.031	0.51 - 0.79	2.2 - 3.0	0.354	<b>PBS9 1320</b>			
0.945	0.031	0.59 - 0.94	2.2 - 3.0	0.354	<b>PBS9 1524</b>			
0.945	0.031	0.75 - 1.10	2.2 - 3.0	0.354	<b>PBS9 1928</b>			
0.945	0.031	0.87 - 1.26	2.2 - 3.0	0.354	<b>PBS9 2232</b>			
0.945	0.031	1.02 - 1.50	3.0 - 3.3	0.354	<b>PBS9 2638</b>			
1.142	0.031	1.26 - 1.73	3.0 - 3.3	0.354	<b>PBS9 3244</b>			
1.142	0.031	1.50 - 1.97	3.0 - 3.3	0.354	<b>PBS9 3850</b>			
1.142	0.031	1.73 - 2.20	3.0 - 3.3	0.354	<b>PBS9 4456</b>			
1.26	0.031	1.97 - 2.56	3.0 - 3.3	0.354	<b>PBS9 5065</b>			

## SOLID BAND WORM DRIVE CLAMPS 12MM BAND

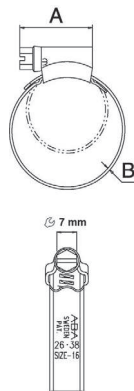
			A (inch)	B (inch)	Ø min./max. (in)	Tightening screw (lbf.ft)	Band width (in)	Part Numbers
			0.866	0.031	0.59 - 0.94	3.0 - 3.3	0.472	<b>PBS12 1524</b>
0.906	0.031	0.75 - 1.10	3.0 - 3.3	0.472	<b>PBS12 1928</b>			
0.984	0.031	0.87 - 1.26	3.0 - 3.3	0.472	<b>PBS12 2232</b>			
0.984	0.031	1.02 - 1.50	3.0 - 3.3	0.472	<b>PBS12 2638</b>			
1.142	0.039	1.26 - 1.73	3.7 - 4.4	0.472	<b>PBS12 3244</b>			
1.142	0.039	1.50 - 1.97	3.7 - 4.4	0.472	<b>PBS12 3850</b>			
1.142	0.039	1.73 - 2.20	3.7 - 4.4	0.472	<b>PBS12 4456</b>			
1.26	0.039	1.97 - 2.56	3.7 - 4.4	0.472	<b>PBS12 5065</b>			
1.26	0.039	2.28 - 2.95	3.7 - 4.4	0.472	<b>PBS12 5875</b>			
1.26	0.039	2.68 - 3.35	3.7 - 4.4	0.742	<b>PBS12 6885</b>			
1.26	0.039	3.03 - 3.74	3.7 - 4.4	0.472	<b>PBS12 7795</b>			
1.26	0.039	3.43 - 4.41	3.7 - 4.4	0.472	<b>PBS12 87112</b>			
1.26	0.039	4.09 - 5.43	3.7 - 4.4	0.472	<b>PBS12 104138</b>			
1.26	0.039	5.20 - 6.50	3.7 - 4.4	0.472	<b>PBS12 130165</b>			
1.26	0.039	5.91 - 7.09	3.7 - 4.4	0.472	<b>PBS12 150180</b>			
1.26	0.039	6.89 - 8.07	3.7 - 4.4	0.472	<b>PBS12 175205</b>			
1.26	0.039	7.87 - 9.09	3.7 - 4.4	0.472	<b>PBS12 200231</b>			
1.26	0.039	8.90 - 10.08	3.7 - 4.4	0.472	<b>PBS12 226256</b>			
1.26	0.039	9.88 - 11.10	3.7 - 4.4	0.472	<b>PBS12 251282</b>			
1.26	0.039	10.91 - 12.09	3.7 - 4.4	0.472	<b>PBS12 277307</b>			

# SOLID-BAND WORM-DRIVE CLAMPS - STAINLESS STEEL

Construction  
Stainless steel

Applications  
Corrosive  
atmospheres

## SOLID BAND STAINLESS STEEL WORM

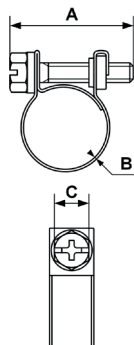


A (inch)	B (inch)	Ø min./max. (in)	Tightening screw (lb.ft)	Band width (in)	Part Numbers
0.787	0.031	0.32 - 0.55	1.8 - 2.6	0.35	<b>PBI9 814</b>
0.787	0.031	0.43 - 0.67	1.8 - 2.6	0.35	<b>PBI9 1117</b>
0.787	0.031	0.51 - 0.79	2.2 - 3.0	0.35	<b>PBI9 1320</b>
0.866	0.031	0.59 - 0.95	3.0 - 3.3	0.47	<b>PBI12 1524</b>
0.906	0.031	0.75 - 1.10	3.0 - 3.3	0.47	<b>PBI12 1928</b>
0.984	0.031	0.87 - 1.26	3.0 - 3.3	0.47	<b>PBI12 2232</b>
0.984	0.031	1.02 - 1.50	3.0 - 3.3	0.47	<b>PBI12 2638</b>
1.142	0.031	1.26 - 1.73	3.7 - 4.4	0.47	<b>PBI12 3244</b>
1.142	0.031	1.50 - 1.97	3.7 - 4.4	0.47	<b>PBI12 3850</b>
1.142	0.031	1.73 - 2.21	3.7 - 4.4	0.47	<b>PBI12 4456</b>
1.26	0.031	1.97 - 2.56	3.7 - 4.4	0.47	<b>PBI12 5065</b>
1.26	0.031	2.28 - 2.95	3.7 - 4.4	0.47	<b>PBI12 5875</b>
1.26	0.031	2.68 - 3.35	3.7 - 4.4	0.47	<b>PBI12 6885</b>
1.26	0.031	3.03 - 3.74	3.7 - 4.4	0.47	<b>PBI12 7795</b>
1.26	0.031	3.43 - 4.41	3.7 - 4.4	0.47	<b>PBI12 87112</b>
1.26	0.031	4.09 - 5.43	3.7 - 4.4	0.47	<b>PBI12 104138</b>
1.26	0.031	5.12 - 6.50	3.7 - 4.4	0.47	<b>PBI12 130165</b>
1.26	0.031	5.91 - 7.09	3.7 - 4.4	0.47	<b>PBI12 150180</b>
1.26	0.031	6.89 - 8.07	3.7 - 4.4	0.47	<b>PBI12 175205</b>
1.26	0.031	7.87 - 9.09	3.7 - 4.4	0.47	<b>PBI12 200231</b>
1.26	0.031	8.89 - 10.08	3.7 - 4.4	0.47	<b>PBI12 226256</b>
1.26	0.031	9.88 - 11.10	3.7 - 4.4	0.47	<b>PBI12 251282</b>
1.26	0.031	10.91 - 12.09	3.7 - 4.4	0.47	<b>PBI12 277307</b>

# MINI AND MICRO TYPE CLAMPS

Construction  
Treated  
zinc-plated steel

## MINI WORM CLAMPS





A (inch)	B (inch)	C (mm)	Ø min./max. (in)	Tightening screw (lb.ft)	Band width (in)	Part Numbers
0.709	0.02	7	0.24 - 0.31	1.1	0.354	<b>PBM 8</b>
0.709	0.02	7	0.28 - 0.35	1.1	0.354	<b>PBM 9</b>
0.709	0.02	7	0.31 - 0.39	1.1	0.354	<b>PBM 10</b>
0.827	0.02	7	0.35 - 0.43	1.1	0.354	<b>PBM 11</b>
0.827	0.02	7	0.35 - 0.47	1.1	0.354	<b>PBM 12</b>
0.827	0.02	7	0.39 - 0.51	1.1	0.354	<b>PBM 13</b>
0.827	0.02	7	0.43 - 0.55	1.1	0.354	<b>PBM 14</b>
0.984	0.02	7	0.47 - 0.59	1.1	0.354	<b>PBM 15</b>
0.984	0.02	7	0.51 - 0.63	1.1	0.354	<b>PBM 16</b>
0.984	0.02	7	0.55 - 0.67	1.1	0.354	<b>PBM 17</b>

# GALVANIZED DOUBLE WIRE CLAMPS

Construction  
Zinc-plated steel

## GALVANIZED DOUBLE WIRE CLAMPS

		A (inch)	B (inch)	Ø min./max. (in)	Dimensions (of the head of the screw (mm))	Part Numbers
		1.122	0.512	0.51 - 0.63	8	<b>PF 1316</b>
		1.122	0.512	0.59 - 0.83	8	<b>PF 1521</b>
		1.122	0.512	0.79 - 0.91	8	<b>PF 2023</b>
		1.319	0.512	0.87 - 0.98	8	<b>PF 2225</b>
		1.319	0.512	0.94 - 1.06	8	<b>PF 2427</b>
		1.319	0.512	1.06 - 1.22	8	<b>PF 2731</b>
		1.319	0.512	1.22 - 1.38	8	<b>PF 3135</b>
		1.713	0.512	1.38 - 1.57	8	<b>PF 3540</b>
		1.713	0.512	1.50 - 1.69	8	<b>PF 3843</b>
		1.713	0.512	1.69 - 1.89	8	<b>PF 4348</b>
		1.713	0.512	1.77 - 1.97	8	<b>PF 4550</b>
		1.713	0.512	1.93 - 2.17	8	<b>PF 4955</b>
		1.713	0.512	2.13 - 2.36	8	<b>PF 5460</b>
		1.713	0.512	2.32 - 2.56	8	<b>PF 5965</b>
		1.713	0.512	2.52 - 2.76	8	<b>PF 6470</b>
		1.713	0.512	2.72 - 2.95	8	<b>PF 6975</b>
		1.713	0.512	2.87 - 3.15	8	<b>PF 7380</b>
1.713	0.512	3.07 - 3.35	8	<b>PF 7885</b>		

# WORM-DRIVE CLAMP ACCESSORIES

## CLAMP DISPLAY WITH CLAMPS

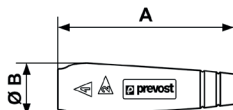


Includes	Part Numbers
244 worm-drive clamps: - 100 mini type PBM: 10 x PBM 8 / 10 x PBM 9 / 10 x PBM 10 / 10 x PBM 11 / 10 x PBM 12 / 10 x PBM 13 / 10 x PBM 14 / 10 x PBM 15 / 10 x PBM 16 / 10 x PBM 17 - 144 standard PBS: 12 x PBS9 814 / 12 x PBS9 1117 / 12 x PBS9 1320 / 24 x PBS9 1524 / 12 x PBS9 1928 / 12 x PBS9 2232 / 12 x PBS9 2638 / 12 x PBS9 3244 / 12 x PBS9 3850 / 12 x PBS9 4456 / 12 x PBS9 506 - 1 flexible worm driver: PB 3000	<b>DEPANNE 244</b>

# EAR-CLAMP PROTECTORS

Highlight  
Non scratch

## RUBBER COUPLER PROTECTORS



A (inch)	B (inch)	For tube OD (in)	Part Numbers
3.937	1.161	1/4" - 3/8"	<b>ECP S11417</b>
4.331	1.299	3/8" - 1/2"	<b>ECP S11720</b>

Provides a 100% non-scratch connection between the coupling **prevoS1** and the hose, by covering the ear-clamps

# 17 Balancers

A cable-actuated balancer keeps tools at a desired height to minimize an operators workload and maximize efficiency. An ergonomic work space facilitates user safety and promotes comfort for jobs with repetitive motion.

Balancers can be used on production lines or individual work stations. For example, manufacturing or assembly lines and packaging stations.

## Cable-actuated balancers

The choice of balancer depends on the weight of the load to be supported, which must be between the minimum and maximum capacity of the balancer. The balancer position and cable adjustment are defined depending on the size of the work area.



BAL CP

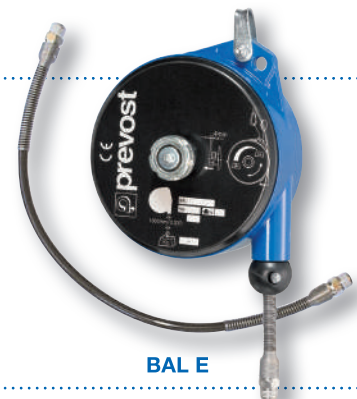
### ADVANTAGES

- Straightforward installation and positioning based on the balancers weight and the desired position relative to the workspace
- Snap hook for safe attachment
- Sturdy aluminum construction
- Durable stainless steel cable
- Various built-in safety systems depending on the model

Balancer model	Load supported (lb)	Cable length (ft)
Series A	0.88 to 6.62 lb	5.25
Series B	4.41 to 17.64 lb	6.56
Series CP	17.64 to 30.87 lb	8.20
Series DP	8.82 to 55.13 lb	6.56
Series F	55.13 to 231.53 lb	6.56

## Balancers with compressed air supply hose

The balancers are equipped with a flexible polyurethane hose which can carry the compressed air and also hold the tool at a specified height. Load capacity: 0.88 to 5.51 lb - Hose length : 4.6 ft



BAL E

## Balancers with spiral-wound supply hose


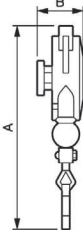
SPIRALEX balancers support and provide a compressed air supply to pneumatic tools such as grinders, power screwdrivers, nailers, and so on. They can withstand sudden and quick extension. Axial spring system.




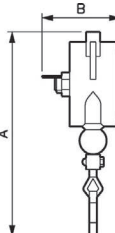
SPI

# BALANCE REELS WITH STEEL CABLES


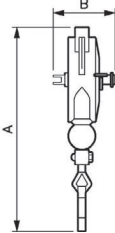
## BALANCER: CABLE LENGTH 5.25'

		A (inch)	B (inch)	Length (Cable (ft))	Min. load (lb)	Max. load (lb)	Weight (lb)	Part Numbers
		11.102	2.165	5.25	0.88	2.21	1.26	<b>BAL 0410A</b>
		11.102	2.165	5.25	2.21	4.41	1.32	<b>BAL 1020A</b>
		11.102	2.165	5.25	4.41	6.62	1.63	<b>BAL 2030A</b>
<ul style="list-style-type: none"> <li>- Grooved knob adjusts spring tension</li> <li>- Swivel spring hook</li> </ul>								


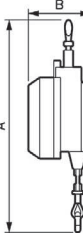
## BALANCER: CABLE LENGTH 6.56'

		A (inch)	B (inch)	Length (Cable (ft))	Min. load (lb)	Max. load (lb)	Weight (lb)	Part Numbers
		13.898	3.465	6.56	4.41	8.82	4.19	<b>BAL 2040B</b>
		13.898	3.465	6.56	8.82	13.23	4.37	<b>BAL 4060B</b>
		13.898	3.465	6.56	13.23	17.64	5.03	<b>BAL 6080B</b>
<ul style="list-style-type: none"> <li>- Grooved knob adjusts spring tension</li> <li>- Frictionless cable guide</li> <li>- Brake stops loads from falling if spring suddenly breaks</li> </ul>								

## BALANCER: CABLE LENGTH 8.2'

		A (inch)	B (inch)	Length (Cable (ft))	Min. load (lb)	Max. load (lb)	Weight (lb)	Part Numbers
		15	3.858	8.20	17.64	22.05	7.56	<b>BAL 80100CP</b>
		15	3.858	8.20	22.05	30.87	7.89	<b>BAL 100120CP</b>
<ul style="list-style-type: none"> <li>- Grooved knob adjusts spring tension</li> <li>- Frictionless cable guide</li> <li>- Brake stops loads from falling if spring suddenly breaks</li> </ul>								

## BALANCER: CABLE LENGTH 6.56'


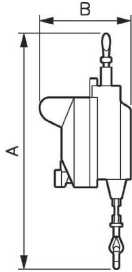
		A (inch)	B (inch)	Length (Cable (ft))	Min. load (lb)	Max. load (lb)	Weight (lb)	Part Numbers
		21.693	5.512	6.56	8.82	15.44	10.89	<b>BAL 4070DP</b>
		21.693	5.512	6.56	15.44	22.05	11.69	<b>BAL 70100DP</b>
		21.693	5.512	6.56	22.05	30.87	12.50	<b>BAL 100140DP</b>
		21.693	5.512	6.56	30.87	39.69	13.8	<b>BAL 140180DP</b>
		21.693	5.512	6.56	39.69	48.51	12.99	<b>BAL 180220DP</b>
		21.693	5.512	6.56	48.51	55.13	14.40	<b>BAL 220250DP</b>
<ul style="list-style-type: none"> <li>- Grooved knob adjusts spring tension</li> <li>- Braking device for positioning the load at different heights</li> <li>- Brake stops loads from falling if spring suddenly breaks</li> <li>- Swivel safety hook for ceiling mounting</li> <li>- Safety cable for ceiling mounting</li> <li>- Stainless steel cable with special frictionless guide</li> <li>- Cable wound in tapered drum rotating on ball bearings</li> </ul>								

Temperature  
+41°F to +140°F

Construction  
Body: Aluminum  
Cable: Stainless  
steel


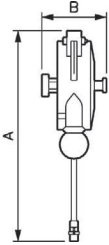
Applications  
Mounting Decks,  
Assembling,  
Packaging

### BALANCER: CABLE LENGTH 6.56'

		A (inch)	B (inch)	Length (Cable (ft))	Min. load (lb)	Max. load (lb)	Weight (lb)	Part Numbers
		25.039	8.661	6.56	55.13	66.15	24.92	<b>BAL 250300F</b>
		25.039	8.661	6.56	66.15	77.18	24.92	<b>BAL 300350F</b>
		25.039	8.661	6.56	77.18	99.23	26.92	<b>BAL 350450F</b>
		25.039	8.661	6.56	99.23	121.28	26.92	<b>BAL 450550F</b>
		25.039	8.661	6.56	121.28	143.33	28.8	<b>BAL 550650F</b>
		25.039	8.661	6.56	143.30	165.35	30.56	<b>BAL 650750F</b>
		25.039	8.661	6.56	165.38	198.45	37.13	<b>BAL 750900F</b>
		25.039	8.661	6.56	198.45	231.53	39.18	<b>BAL 9001050F</b>

- Grooved knob adjusts spring tension
- Brake stops loads from falling if spring suddenly breaks
- Swivel safety hook for ceiling mounting
- Safety cable for ceiling mounting
- Cable wound in tapered drum rotating on ball bearings

### BALANCER: AIR SUPPLY HOSE - CABLE LENGTH 4.60'

		A (inch)	B (inch)	Length (Cable (ft))	Min. load (lb)	Max. load (lb)	Weight (lb)	Part Numbers
		11.732	4.094	4.60'	0.88	1.76	2.47	<b>BAL 0408E</b>
		11.732	4.094	4.60'	1.65	3.31	2.49	<b>BAL 0715E</b>
		11.732	4.094	4.60'	2.65	5.51	2.78	<b>BAL 1225E</b>


- Polyurethane hose supplies air directly to tools
- Grooved knob adjusts spring tension
- 1/4" MBSP Teflon-coated male fitting
- Max operating pressure: 116 psi at 70°F

## TOOL BALANCERS WITH SPIRAL-WOUND

Temperature  
+41°F to +140°F

Applications  
Mounting decks,  
Assembling,  
Packaging

### RECOILING HOSE BALANCERS

	Outlet (NPT)	Max length (ft)	Weight (Weight of tool(lb))	Part Numbers
	1/4" MNPT	2.1	0.44 to 1.10	<b>SPI 1251</b>
	1/4" MNPT	3.5	1.54 to 4.41	<b>SPI 3251</b>
	1/4" MNPT	4.8	5.51 to 11.03	<b>SPI 5252</b>
	3/8" MNPT	4.7	13.23 to 22.05	<b>SPI 7252</b>



# 18

# Blow guns prevoS1

The **prevoS1** blow gun is compact and comfortable to use. The blow gun is equipped with an integrated PREVOST plug which is compatible with all major connection profile standards. The plug connects directly into a **prevoS1** safety coupling to become a comfortable handle for the blow gun.



## ■ USE

- Fluid: compressed air
- Applications: blowing, dust removal, cleaning and drying of tools and work stations
- Industries of use: industrial, automotive, wood working, etc.

## ■ TECHNICAL SPECIFICATIONS

- Maximum working pressure: 174 psi
- Recommended pressure: 100 psi
- Operating temperature range: +5°F to +158°F

## ■ SAFETY

- Extra safety with the **prevoS1** quick couplings



## CONSTRUCTION

- Body and lever: polyamide composite
- Seals: nitrile
- Valves: polyacetal (POM)
- Plug: nitrided steel, scratch and corrosion resistant

All materials are compliant with the RoHS directive and REACH regulations.

## EASY TO USE

- Ergonomics and design intended to facilitate the user's work
- Compact design allows for comfortable handling and easy storage
- High-tech composite body material: tough yet lightweight and insulated so the tool remains at a comfortable working temperature

## Models

The range of the **prevoS1** blow guns includes:

- **prevoS1** standard blow guns



IBG 06OSH

IBG 06MTL

IBG 06MTLH



IBG 06ECR

IBG 06PRE

IBG 06SIL

- **prevoS1** pocket blow guns



IPG 06OSH

Each blow gun is equipped with a built-in plug; various profiles are available for each type:



Industrial

High Flow

ISO 6150 C

ARO 210

Automotive

British

The plug is built into the body of the blow gun, for a more compact design and to eliminate the risk of leaks when connecting the tool to the compressed air supply. Available packaged for retail, self service displays. Please call your Regional Sales Manager for details.

# Blow guns **prevoS1**

## ENERGY SAVINGS

- Low air consumption
- No risk of leaks, thanks to the plug directly embedded in the blow gun

## PERFORMANCE

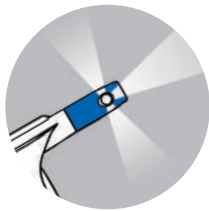
- Powerful and precise blowing

## EXTENDED SERVICE LIFE

- Robust design and construction for a long service life
- Hermetically sealed to prevent internal contamination from external elements.

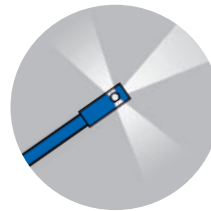
## Nozzle types

### OSHA nozzle



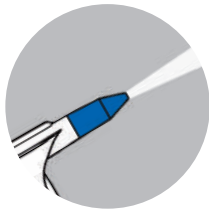
- **Material:** polyamide composite
- **Characteristics:** blow gun complying with OSHA directive 1910.242 (b), outlet pressure limited to 2 bar (30 psi)
- Complies with **OSHA**
- **Anti-scratch** tip prevents damage to surrounding equipment

### MTL OSHA nozzle



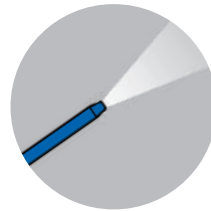
- **Material:** galvanized steel
- **Characteristics:** long and narrow nozzle, powerful blowing
- Complies with **OSHA**

### PRE nozzle



- **Material:** polyamide composite
- **Characteristics:** standard blow gun, direct, concentrated jet
- **Anti-scratch** tip prevents damage to surrounding equipment

### MTL nozzle



- **Material:** galvanized steel
- **Characteristics:** blow gun with long tapered metal nozzle

### ECR nozzle



- **Material:** polyamide composite
- **Characteristics:** air screen blow gun, protects against dust and chippings
- **Anti-scratch** tip prevents damage to surrounding equipment

### SIL nozzle



- **Material:** polyamide composite
- **Characteristics:** silent blow gun (74dB) limits noise in workshop
- Complies with **OSHA**
- **Anti-scratch** tip prevents damage to surrounding equipment

Nozzle model	Air consumption (cfm) at 90 psi	Noise level (dBA) at 90 psi	Blowing force (Ozf) at 90 psi	Dynamic pressure (psi) at 0.39 in at 87 psi
<b>OSHA</b>	7.7	87	9.2	14
<b>MTL</b>	11.8	89	13.8	32
<b>MTL OSHA</b>	7.7	85	8.7	33
<b>PRE</b>	8.2	85	10	36
<b>ECR</b>	14.6	87	4.6	30
<b>SIL</b>	5.5	74	5.8	2.9
<b>OSHA pocket</b>	8.2	89	5.9	7.2


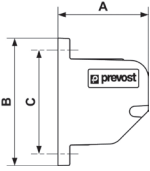
## Accessories



### WALL MOUNT BRACKET

- Blow gun wall mount bracket allows the gun to be removed quickly and safely without damaging the mount or the gun
- Compatible with the **prevoS1** and **27202** ranges of blow guns
- Attachment spacing: 70 mm (2.76 in)

#### Wall mounting bracket


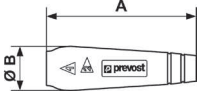
	A (in)	B (in)	C (in)	Part Numbers	
		2.4	3.39	2.76	<b>BG FIX</b>
	2.4	3.39	2.76	<b>BG FIXM</b>	

Magnetic support version (BG FIXM).

### BEND RESTRICTORS

- Two sizes available
- The guards provide a fully non-scratch link between the coupling and the hose, covering the clamp

#### Rubber guards for couplings

	A (in)	B (in)	Description	Part Numbers	
		3.94	1.16	for hose ID 1/4" to 3/8"	<b>ECP S11417</b>
	4.33	1.3	for hose ID 3/8" to 1/2"	<b>ECP S11720</b>	



**RoHS Directive** on the restriction of the use of certain hazardous substances in electrical and electronic equipment (lead, mercury, cadmium, hexavalent chromium, polybrominated bi-phenyls –PBBs– and polybrominated di-phenyl ethers –PBDEs–).


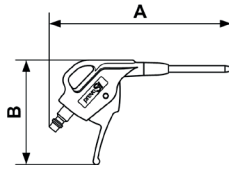


**REACH regulations** on the improvement of the management of risks related to the usage and dangerous properties of chemicals manufactured in or imported into the EU.


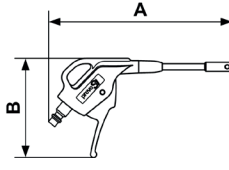
# PREVOS1 BLOW GUNS INDUSTRIAL INTERCHANGE - 1/4"



## PREVOS1 BLOW GUN WITH METAL NOZZLE


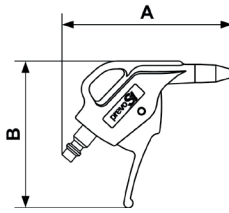
		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		6.693	3.819	14	32	11.8	89	<b>IBG 06MTL</b>
<p>prevoS1 coupler sold separately: ISI 06</p>								

## PREVOS1 BLOW GUN WITH OSHA METAL NOZZLE


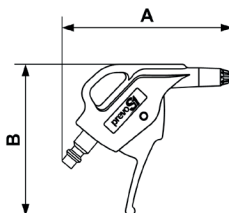
		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		7.087	3.819	9	33	7.7	85	<b>IBG 06MTLH</b>
<p>prevoS1 coupler sold separately: ISI 06</p>								

OSHA

## NEW PREVOS1 BLOW GUN WITH COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.449	3.819	10	36	8.2	85	<b>IBG 06PRE</b>
<p>prevoS1 coupler sold separately: ISI 06</p>								

## NEW PREVOS1 BLOW GUN WITH SILENT NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.331	3.819	6	3	5.5	74	<b>IBG 06SIL</b>
<p>prevoS1 coupler sold separately: ISI 06</p>								

OSHA

Max operating pressure  
174 psi

Temperature  
+5°F to +158°F


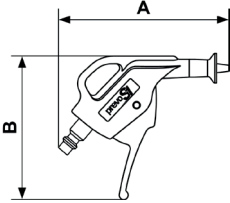
Construction  
Polyamide composite body

Highlight  
Compact


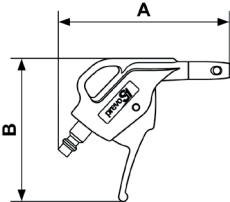
Connection  
Built-in plug

**NEW**

### PREVOS1 BLOW GUN WITH PROTECTIVE AIR CURTAIN


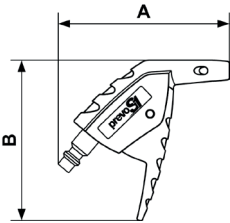
		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.528	3.819	5	30	14.6	87	<b>IBG 06ECR</b>
prevoS1 coupler sold separately: ISI 06								

### PREVOS1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.567	3.819	9	14	7.7	87	<b>IBG 06OSH</b>
prevoS1 coupler sold separately: ISI 06								



OSHA

### PREVOS1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE - POCKET MODEL

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		3.858	3.661	6	7.2	8.2	89	<b>IPG 06OSH</b>
prevoS1 coupler sold separately: ISI 06								

OSHA

### ASSOCIATED PRODUCTS

	
prevoS1 quick safety couplings p 18	FLEXAIR hose extension with prevoS1 coupling p 238


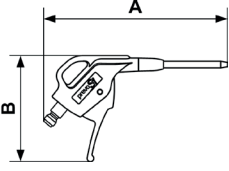


# PREVOS1 BLOW GUNS

## AUTOMOTIVE INTERCHANGE 1/4"


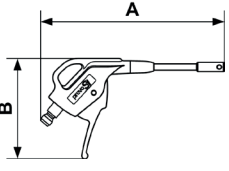


### PREVOS1 BLOW GUN WITH METAL NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		6.654	3.819	14	32	11.8	89	<b>UBG 06MTL</b>

prevoS1 coupler sold separately: USI 06


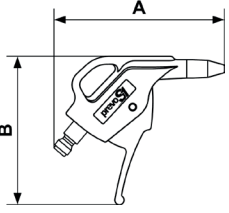
### PREVOS1 BLOW GUN WITH OSHA METAL NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		6.654	3.819	9	33	7.7	85	<b>UBG 06MTLH</b>

prevoS1 coupler sold separately: USI 06


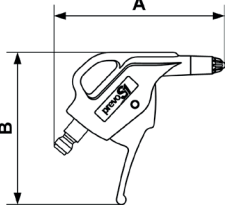
OSHA

### NEW PREVOS1 BLOW GUN WITH COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.409	3.819	10	36	8.2	85	<b>UBG 06PRE</b>

prevoS1 coupler sold separately: USI 06

### NEW PREVOS1 BLOW GUN WITH SILENT NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.291	3.819	6	3	5.5	74	<b>UBG 06SIL</b>

prevoS1 coupler sold separately: USI 06

OSHA

Max operating pressure  
174 psi


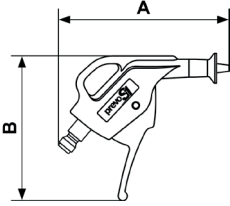
Temperature  
+5°F to +158°F

Construction  
Polyamide composite body


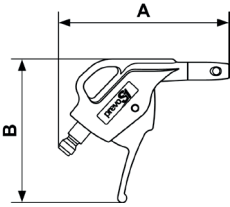
Highlight  
Compact

Connection  
Built-in plug


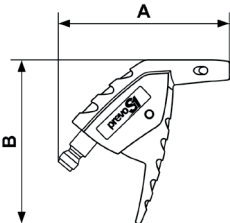
**NEW** PREVOS1 BLOW GUN WITH PROTECTIVE AIR CURTAIN

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.488	3.819	5	30	14.6	87	<b>UBG 06ECR</b>
prevoS1 coupler sold separately: USI 06								



**PREVOS1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE**

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.528	3.819	7	14	7.7	87	<b>UBG 06OSH</b>
prevoS1 coupler sold separately: USI 06								
<b>OSHA</b>								

**PREVOS1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE - POCKET MODEL**

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		3.819	3.661	6	7.2	8.2	89	<b>UPG 06OSH</b>
prevoS1 coupler sold separately: USI 06								
<b>OSHA</b>								

**ASSOCIATED PRODUCTS**


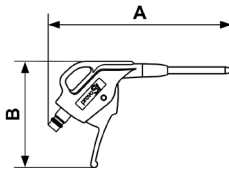
	
prevoS1 quick safety couplings p 23	PVC hose extension with quick couplings p 239



# PREVOS1 BLOW GUNS HIGH FLOW INTERCHANGE - 3/8"


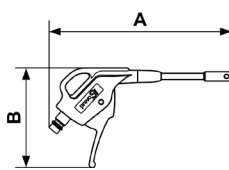


## PREVOS1 BLOW GUN WITH METAL NOZZLE

		A (inch)	B (inch)	Blowing force (at 6 bar (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 6 bar (dBA))	Part Numbers
		6.614	3.819	14	32	11.8	89	<b>EBG 07MTL</b>

prevoS1 coupler sold separately: ESI 07


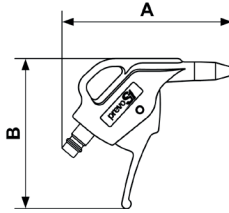
## PREVOS1 BLOW GUN WITH OSHA METAL NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		7.008	3.819	9	33	7.7	85	<b>EBG 07MTLH</b>

prevoS1 coupler sold separately: ESI 07


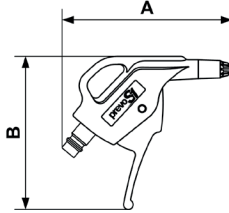
OSHA

## NEW PREVOS1 BLOW GUN WITH COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.37	3.819	10	36	8.2	85	<b>EBG 07PRE</b>

prevoS1 coupler sold separately: ESI 07

## NEW PREVOS1 BLOW GUN WITH SILENT NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.252	3.819	6	3	5.5	74	<b>EBG 07SIL</b>

prevoS1 coupler sold separately: ESI 07

OSHA

Max operating pressure  
174 psi

Temperature  
+5°F to +158°F


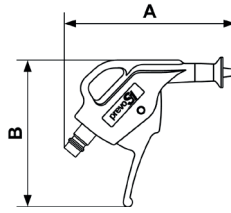
Construction  
Polyamide composite body

Highlight  
Compact


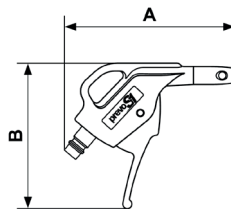
Connection  
Built-in plug

**NEW**


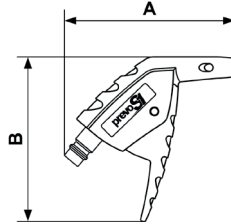
### PREVO S1 BLOW GUN WITH PROTECTIVE AIR CURTAIN

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.449	3.819	5	30	14.6	87	<b>EBG 07ECR</b>
<p>prevoS1 coupler sold separately: ESI 07</p>								



### PREVO S1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.488	3.819	9	14	7.7	87	<b>EBG 07OSH</b>
<p>prevoS1 coupler sold separately: ESI 07</p>								
<p>OSHA</p>								

### PREVO S1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE - POCKET MODEL

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		3.78	3.661	6	7.2	8.2	89	<b>EPG 07OSH</b>
<p>prevoS1 coupler sold separately: ESI 07</p>								
<p>OSHA</p>								

### ASSOCIATED PRODUCTS


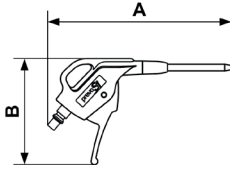
	
<p>prevoS1 quick safety couplings p 31</p>	<p>FLEXAIR hose extension with prevoS1 coupling p 238</p>

# PREVOS1 BLOW GUNS

## ARO 210 INTERCHANGE - 1/4"


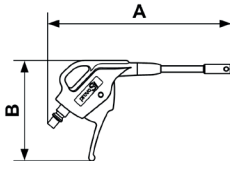


### PREVOS1 BLOW GUN WITH METAL NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		6.654	3.819	14	32	11.8	89	<b>ABG 06MTL</b>

prevoS1 coupler sold separately: ASI 06


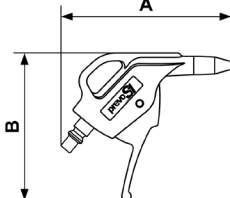
### PREVOS1 BLOW GUN WITH OSHA METAL NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		7.047	3.819	9	33	7.7	85	<b>ABG 06MTLH</b>

prevoS1 coupler sold separately: ASI 06


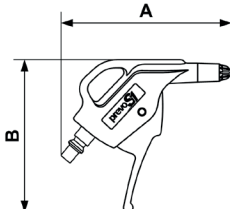
OSHA

### NEW PREVOS1 BLOW GUN WITH COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.409	3.819	10	36	8.2	85	<b>ABG 06PRE</b>

prevoS1 coupler sold separately: ASI 06

### NEW PREVOS1 BLOW GUN WITH SILENT NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.291	3.819	6	3	5.5	74	<b>ABG 06SIL</b>

prevoS1 coupler sold separately: ASI 06

OSHA

Max operating pressure  
174 psi

Temperature  
+5°F to +158°F


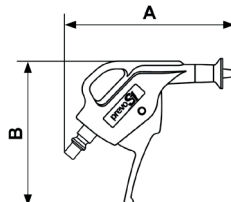
Construction  
Polyamide composite body

Highlight  
Compact


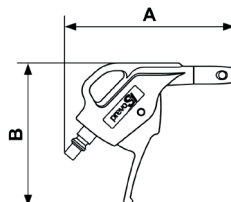
Connection  
Built-in plug

**NEW**


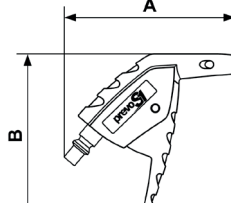
### PREVO S1 BLOW GUN WITH PROTECTIVE AIR CURTAIN

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.488	3.819	5	30	14.6	87	<b>ABG 06ECR</b>
<p>prevoS1 coupler sold separately: ASI 06</p>								



### PREVO S1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.528	3.819	9	14	7.7	87	<b>ABG 06OSH</b>
<p>prevoS1 coupler sold separately: ASI 06</p>								
<p>OSHA</p>								

### PREVO S1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE - POCKET MODEL

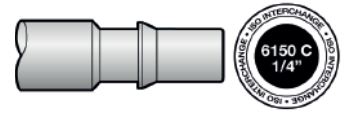
		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		3.819	3.661	6	7.2	8.2	89	<b>APG 06OSH</b>
<p>prevoS1 coupler sold separately: ASI 06</p>								
<p>OSHA</p>								

### ASSOCIATED PRODUCTS


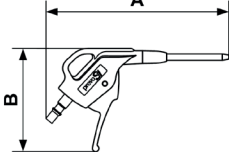
	
<p>prevoS1 quick safety couplings p 40</p>	<p>FLEXAIR hose extension with prevoS1 coupling p 238</p>

# PREVOS1 BLOW GUNS


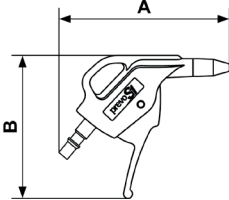
## ISO 6150 C INTERCHANGE - 1/4"




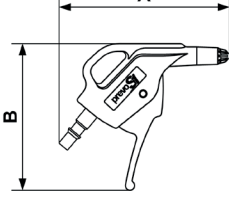
### PREVOS1 BLOW GUN WITH METAL NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		6.811	3.819	14	32	11.8	89	<b>CBG 06MTL</b>
<p>prevoS1 coupler sold separately: CSI 06</p>								

### NEW PREVOS1 BLOW GUN WITH COMPOSITE NOZZLE


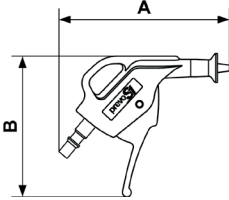
		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.646	3.819	10	36	8.2	85	<b>CBG 06PRE</b>
<p>prevoS1 coupler sold separately: CSI 06</p>								

### NEW PREVOS1 BLOW GUN WITH COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.449	3.819	6	3	5.5	74	<b>CBG 06SIL</b>
<p>prevoS1 coupler sold separately: CSI 06</p>								

OSHA

### NEW PREVOS1 BLOW GUN WITH PROTECTIVE AIR CURTAIN

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.646	3.819	5	30	14.6	87	<b>CBG 06ECR</b>
<p>prevoS1 coupler sold separately: CSI 06</p>								

Max operating pressure  
174 psi


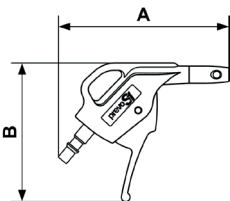
Temperature  
+5°F to +158°F

Construction  
Polyamide composite body


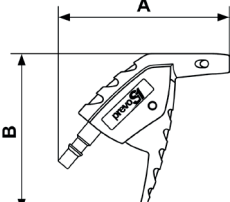
Highlight  
Compact

Connection  
Built-in plug

## PREVO S1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		4.685	3.819	9	14	7.7	87	<b>CBG 060SH</b>
<p>prevoS1 coupler sold separately: CSI 06</p>								
<p>OSHA</p>								

## PREVO S1 BLOW GUN WITH OSHA POLYAMIDE COMPOSITE NOZZLE - POCKET MODEL

		A (inch)	B (inch)	Blowing force (at 87 psi (ozf))	Dynamic pressure ((psi) at 0.39 inches, at 87 psi)	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi (dBA))	Part Numbers
		3.976	3.661	6	7.2	8.2	89	<b>CPG 060SH</b>
<p>prevoS1 coupler sold separately: CSI 06</p>								
<p>OSHA</p>								


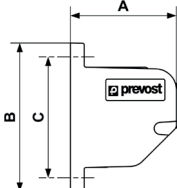
## ASSOCIATED PRODUCTS



prevoS1 quick safety couplings  
[p 43](#)

# BLOW GUN ACCESSORIES

## WALL SUPPORT BRACKET FOR PREVO S1 AND 27202 BLOW GUNS

		A (inch)	B (inch)	C (inch)	Spacing (in)	Fitted with	Part Numbers
		2.677	3.386	2.756	2.76		<b>BG FIX</b>
		2.677	3.386	2.756	70	Magnets	<b>BG FIXM</b>

The **27202** model blow gun provides an accurate flow of air that can be controlled progressively from light blowing to a more powerful jet.

### Applications

- Blowing to eliminate shavings and debris
- Dust removal
- Cleaning machines, work benches/stations and hard to access areas
- Drying production parts



### Advantages

#### ■ DESIGN

- High-tech composite material: tough, non-scratch, insulated and non-slip
- Air intake connection with brass insert for total safety
- Hermetically sealed design to prevent any infiltration of external elements that might block the mechanism
- Smooth shape to avoid dust and filings settling on the blow gun body and trigger



#### ■ EASY TO HANDLE

- Smooth trigger action for precise flow rate control and a progressive opening to the compressed air system
- The ergonomic design of the blow gun fits perfectly in the hand.

The **27202** blow gun can be mounted on a wall:

- hang by the trigger or the ring incorporated in the body,
- or using the BG FIX mount specially designed for **prevoS1** and **27202** blow guns

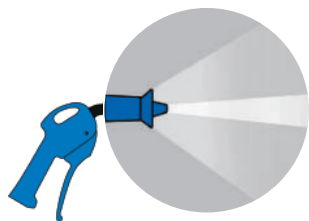
\* BG FIX and BG FIXM is not compatible with pocket model blow guns

The BG FIX wall mount simplifies storage and enables the blow gun to be gripped easily without damaging the mount or the gun. The blow gun can be removed from the mount simply by pulling it, without needing to lift it as would be the case with a hook.



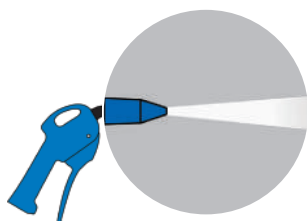
Magnetic version available (BG FIXM)

## Nozzle options



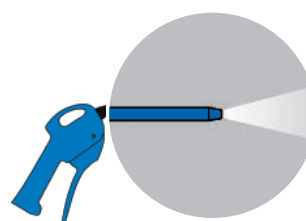
### 27202 ECR

- Air screen blow gun, protects against backflow of dust and shavings.
- Anti-scratch tip prevents damage to surrounding equipment.



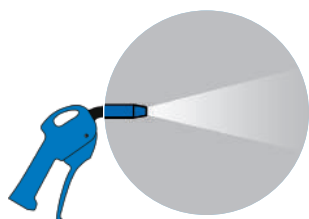
### 27202 PRE

- Standard blow gun, direct and concentrated air jet.
- Anti-scratch tip prevents damage to surrounding equipment.



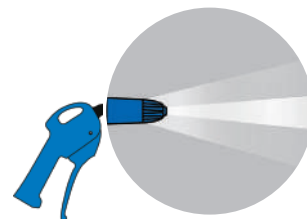
### 27202 MTL + MB13 + MB20

- Blow gun with long, tapered metal nozzle.



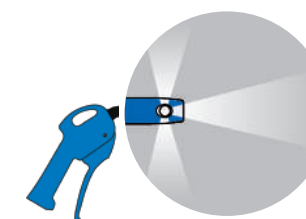
### 27202 MB40 OSH

- Blow gun compliant with OSHA: outlet pressure restricted to 30 psi (2 bar).
- Nozzle length: 40" galvanized metal



### 27202 SIL

- Silent blow gun: 77 dB, for reduced workshop noise
- OSHA: outlet pressure restricted to 30 psi (2 bar).
- Anti-scratch tip prevents damage to surrounding equipment.



### 27202 OSH + MTL OSHA + MB OSHA

- Blow gun compliant with OSHA: outlet pressure restricted to 30 psi (2 bar).
- Anti-scratch tip prevents damage to surrounding equipment.

Nozzle model	Air consumption (cfm) at 87 psi	Noise level (dBA) at 87 psi	Blowing force (ozf) at 87 psi	Dynamic pressure (psi) at 4" at 87 psi
OSHA	7.7	90	9.5	17
MTL	13.5	83	13	18
PRE	8.8	84	11	29
ECR	15.9	82	8	36
SIL	7.1	77	7.5	0
MB 13 / MS 13	8.8	86	9.3	25
MB 20 / MS 20	8.5	86	8.6	22
MB 13 OSH	6.2	82	7.2	36
MB 20 OSH	6.3	83	7.6	36
MB 40 OSH	5.5	81	6.7	36

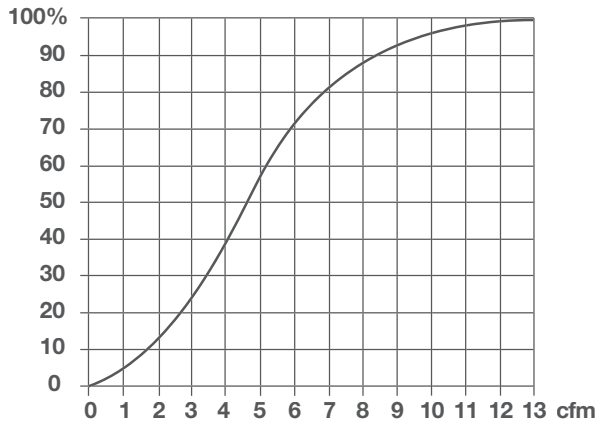


# 27202 blow guns

## Technical specifications

27202 Blow guns				
Fluid	Maximum working pressure	Temperature	Thread	Weight
Air	145 psi	- 5°F to +158°F	1/4" FNPT	4.76 Oz (for 27202 MTL)

Flow rate at 90 psi depends on trigger pressure (27202 PRE)



Body color can be customized or printed with a company logo.  
**Call your local Regional Sales Manager for details.**



### ASSOCIATED PRODUCTS

Spiral hose & blow gun assemblies




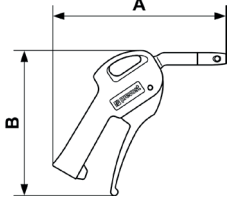
# 27202 BLOW GUN

Max operating pressure  
145 psi


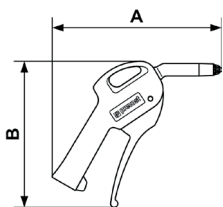
Construction  
Polyamide composite body

Highlight  
Adjust gradually blowing


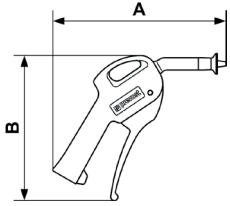
## OSHA VENTURI NOZZLE BLOW GUN

		A (inch)	B (inch)	NPT female thread	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi) (dBA)	Blowing force (at 87 psi) (ozf)	Dynamic pressure (at 87 psi at 4") (psi)	Part Numbers
		6.614	5.551	1/4" FNPT	7.7	90	9.5	17	<b>27202 OSHA</b>
Complies with OSHA requirements									
OSHA									


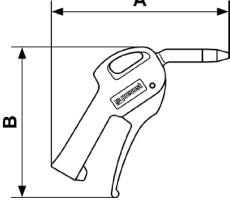
## OSHA SILENT NOZZLE

		A (inch)	B (inch)	NPT female thread	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi) (dBA)	Blowing force (at 87 psi) (ozf)	Dynamic pressure (at 87 psi at 4") (psi)	Part Numbers
		6.417	5.551	1/4" FNPT	7.1	77	7.5	0	<b>27202 SIL</b>
Complies with OSHA requirements									
OSHA									


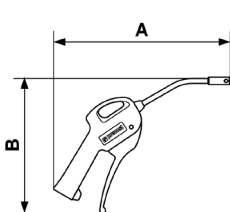
## PROTECTIVE SCREEN NOZZLE

		A (inch)	B (inch)	NPT female thread	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi) (dBA)	Blowing force (at 87 psi) (ozf)	Dynamic pressure (at 87 psi at 4") (psi)	Part Numbers
		6.614	5.551	1/4" FNPT	15.9	82	8	36	<b>27202 ECR</b>

## BLOW GUN WITH COMPOSITE NOZZLE

		A (inch)	B (inch)	NPT female thread	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi) (dBA)	Blowing force (at 87 psi) (ozf)	Dynamic pressure (at 87 psi at 4") (psi)	Part Numbers
		6.535	5.551	1/4" FNPT	7.2	84	11	29	<b>27202 PRE</b>
		6.535	5.551	1/4" FNPT	5.8	80	6.5	23	<b>27202 PREBP3</b>
<b>27202 PREBP3:</b> Option: blow gun with flow limiter At 90 psi inlet, the air jet is equivalent to a standard blow gun with a 45 psi inlet									

## OSHA VENTURI METAL NOZZLE BLOW GUN

		A (inch)	B (inch)	NPT female thread	Air consumption (at 87 psi) (cfm)	Blowing force (at 87 psi) (ozf)	Dynamic pressure (at 87 psi at 4") (psi)	Part Numbers
		8.267	6.535	1/4" FNPT	6.6	7.5	32	<b>27202 MTLOSHA</b>
Complies with OSHA requirements								
OSHA								


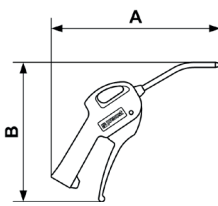
# 27202 BLOW GUN

Max operating pressure  
145 psi


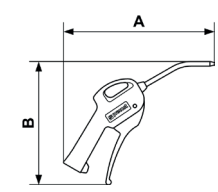
Construction  
Polyamide composite body

Highlight  
Adjust gradually blowing


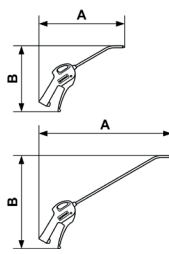
## METAL NOZZLE BLOW GUN

		A (inch)	B (inch)	NPT female thread	Air consumption (at 87 psi) (cfm)	Noise level (at 87 psi) (dBA)	Blowing force (at 87 psi) (ozf)	Dynamic pressure (at 87 psi at 4") (psi)	Part Numbers
		7.874	6.456	1/4" FNPT	13.5	83	13	18	<b>27202 MTL</b>
		7.874	6.456	1/4" FNPT	5.3	73	4.4	11	<b>27202 MTLBP3</b>
<p><b>27202 MTLBP3:</b> Option: blow gun with flow limiter At 90 psi inlet, the air jet is equivalent to a standard blow gun with a 45 psi inlet</p>									


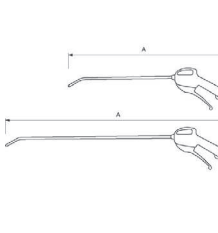
## METAL NOZZLE BLOW GUN

		A (inch)	B (inch)	Nozzle	Construction	Part Numbers
		7.874	6.456	Bent 4" with rubber tip & 1/4" NPT	Metal tip blow gun with non-scratch nozzle	<b>27202 MTLRT</b>

## METAL NOZZLE BLOW GUN

		A (inch)	B (inch)	NPT female thread	Air consumption (at 87 psi)	Noise level (at 87 psi) (dBA)	Blowing force (ozf)	Dynamic pressure (at 87 psi at 4") (psi)	Length (tube (in))	Part Numbers
		14.448	9.842	1/4" FNPT	8.8	86	9.3	25	Bent 13"	<b>27202 MB13</b>
		20.236	14.960	1/4" FNPT	8.5	86	8.6	22	Bent 20"	<b>27202 MB20</b>
		14.054	10.984	1/4" FNPT	8.8	86	9.3	25	Straight 13"	<b>27202 MS13</b>
		19.921	14.330	1/4" FNPT	8.5	86	8.6	22	Straight 20"	<b>27202 MS20</b>

## OSHA METAL NOZZLE BLOW GUN

		A (inch)	B (inch)	NPT female thread	Air consumption (at 87 psi)	Noise level (at 87 psi) (dBA)	Blowing force (ozf)	Dynamic pressure (at 87 psi at 4") (psi)	Length (tube (in))	Part Numbers
		12.205	13.78	1/4" FNPT	6.2	82	7.2	36	Bent 13"	<b>27202 MB13OSHA</b>
		20.669	13.661	1/4" FNPT	5.5	81	6.6	36	Bent 20"	<b>27202 MB20OSHA</b>
		36.614	27.559	1/4" FNPT	6.3	83	7.7	35	Bent 40"	<b>27202 MB40OSHA</b>
		Steel Nozzle								

OSHA

## ASSOCIATED PRODUCTS

		
Plug for quick release couplings p 17	Wall support bracket for blow guns p 271	FLEXAIR hose extension with <b>prevoS1</b> couplings p 238

# Blow guns, assemblies and pneumatic vacuum cleaners

## Blow gun *assemblies*

Blow gun assemblies consist of a spiral hose fitted with a blow gun. They are delivered packaged and ready to use.

Two versions are available:

- 1 - Assemblies with quick coupling for disconnecting the blow gun
- 2 - Assemblies with spiral hose and blow gun fitted



## Pneumatic *vacuum cleaners*

### ■ “ASPIVENT” ASVM1 ALUMINUM PNEUMATIC VACUUM CLEANERS

- Portable vacuum gun designed to suck up dust, shavings, manufacturing residue, etc., wherever the tool is connected.
- The vacuum kit consists of: a vacuum cleaner, fabric collection bag, air hose, suction nozzle, brush, discharge hose and extended nozzle.
- It is delivered ready for use.



	Inlet NPT Female thread	Max. operating pressure	Consumption	Weight	Air hose length	Length
<b>ASVM 1</b>	1/4" FNPT	90 psi	15 cfm	0.55 lb	4.1 ft	5.7 in

# BLOW GUN KITS

## BLOW GUN PACK WITH 27202 OSHA AND STANDARD QUICK COUPLING



OSHA

Includes	Part Numbers
Blow Gun 27202 OSHA Plug URP 066251 Coupler URC 061201	<b>KB 22U</b>
Blow Gun 27202 OSHA Plug IRP 066251 Coupler IRC 061201	<b>KB 22I</b>
Blow Gun 27202 OSHA Plug ERP 076251 Coupler ERC 071201	<b>KB 22E</b>
Blow Gun 27202 OSHA Plug ARP 066251 Coupler ARC 061201	<b>KB 22A</b>
Complies with OSHA requirements	

## SPIRAL HOSE & BLOW GUN KIT



OSHA

Includes	Diameter (in)	Length (max. (ft))	Part Numbers
Blow Gun 27202 OSHA Spiral hose PUS 252 6.5'	1/4"	6.5'	<b>KBSH 322</b>
Blow Gun 27202 OSHA Spiral hose PUS 254 13'	1/4"	13'	<b>KBSH 324</b>
Complies with OSHA requirements			

## BLOW GUN PACK WITH COILED HOSE AND STANDARD QUICK COUPLER



OSHA


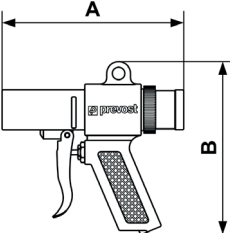
Includes	Diameter (in)	Length (max. (ft))	Part Numbers
Blow Gun 27202 OSHA Plug URP 066251 Coupler URC 061201	1/4"	6.5'	<b>KBSH 32U</b>
Blow Gun 27202 OSHA Plug IRP 066251 Coupler IRC 061201	1/4"	6.5'	<b>KBSH 32I</b>
Blow Gun 27202 OSHA Plug ERP 076251 Coupler ERC 071201	1/4"	6.5'	<b>KBSH 32E</b>
Blow Gun 27202 OSHA Plug ARP 066251 Coupler ARC 061201	1/4"	6.5'	<b>KBSH 32A</b>
Complies with OSHA requirements			

# "ASPIVENT" VACUUM CLEANERS


Max operating  
pressure  
90 psi

Flow rate at  
100 psi  
14.8 cfm  
( $\Delta P = 8.70$  psi)

## "ASPIVENT" ALUMINUM VACUUM CLEANER KIT

		Inlet NPT female thread	Max operating pressure (psi)	Air consumption (cfm)	Weight (lb)	Part Numbers
		1/4" FNPT	90	14.8	0.77	<b>ASVM 1T</b>
<ul style="list-style-type: none"> <li>- Air-operated vacuum gun</li> <li>- Air hose <math>\varnothing</math> 30 mm - length 49 in</li> <li>- Cloth dust bag</li> <li>- Extension wand length 7 in</li> <li>- Crevice tool</li> <li>- Brush nozzle</li> <li>- Nozzle for difficult-to-access areas</li> <li>- 2 x clamps</li> </ul>						

## ACCESSORIES

	Description	Part Numbers
	<p>ASVM1 accessories</p> <ul style="list-style-type: none"> <li>- Air hose <math>\varnothing</math> 30 mm - length 49 in</li> <li>- Cloth dust bag</li> <li>- Extension wand length 7 in</li> <li>- Crevice tool</li> <li>- Brush nozzle</li> <li>- Nozzle for difficult-to-access areas</li> <li>- 2 x clamps</li> </ul>	<b>ASVM KIT</b>

# "ASPIVENT" VACUUM CLEANER KIT

## DUST BAG KIT



Includes	Part Numbers
<ul style="list-style-type: none"> <li>- 1 cloth dust bag</li> <li>- 1 clamp</li> </ul>	<b>ASVM 301</b>

## NOZZLE KIT



Includes	Part Numbers
<ul style="list-style-type: none"> <li>- 1 round nozzle</li> <li>- 1 flat nozzle</li> <li>- 1 brush nozzle</li> <li>- 1 tiny nozzle</li> </ul>	<b>ASVM 302</b>

## HOSE KIT



Includes	Part Numbers
<ul style="list-style-type: none"> <li>- 1 clamp</li> <li>- 1 air hose</li> </ul>	<b>ASVM 303</b>

# 21

# Wash down guns

## Multiple applications

### ■ INDUSTRIAL

Used for cleaning equipment, tanks, floors, and walls in food processing and packaging facilities (dairies, abattoirs, breweries, canneries, etc.) and any other industry which requires frequent sanitation or washing down and any other industry which requires frequent sanitation or cleaning.

### ■ AUTOMOTIVE

Washing bodywork, cleaning chassis, accessories, machinery, etc. in garages, body shops, public works, farms, etc.

### ■ INSTITUTIONAL APPLICATIONS

For sanitizing superstores, restaurants, schools, public buildings, parks, etc.

### ■ PUBLIC WORKS

Road cleaning and water supply: pavements, pedestrian streets, pools, fountains, public gardens, flower beds, etc.

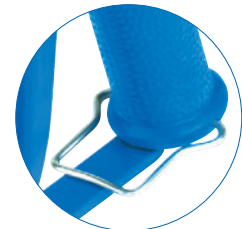


PL JET

## PL JET industrial washing spray gun

### ■ ERGONOMICS

- The guard prevents any unintentional handling. The body, lever and guard have a polyamide coating for thermal insulation and impact protection.
- It offers an excellent grip, enabling steady work without causing fatigue.
- The progressive control lever can be used to vary the jet shape from a wide conical spray to a powerful, concentrated straight jet.
- The hook can be used to hold the trigger open for extended use.



### ■ DESIGN

- The water flow rate is adjustable via a screw at the rear of the gun, enabling the flow to be reduced for lower water consumption.
- The mechanism is straightforward and secure. The double seal on the needle provides complete leaktightness.
- The rounded shape of the body and handle prevent the build-up of dirt and facilitate maintenance.
- The three extremities have a rubber coating to prevent any risk of scratches to delicate surfaces.



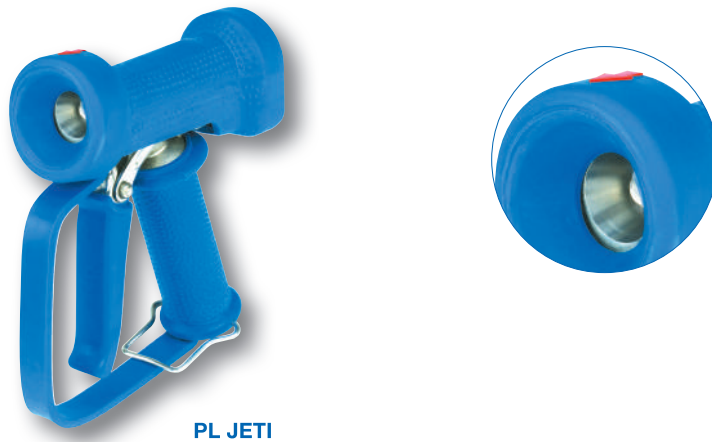


# Wash down guns

## ■ PL JETI STAINLESS STEEL VERSION

Anti-corrosive

- Recommended for food industry and dockside use (salty and aggressive environments)



PL JETI

## ■ TECHNICAL SPECIFICATIONS

Washing spray guns		
	PL JET	PL JETI
<b>Body material</b>	Brass	316 stainless steel
<b>Protection</b>	Nylon and glass fiber	EPDM rubber
<b>Gasket material</b>	Brass	Viton
<b>Piston material</b>	Brass	Stainless steel
<b>Max. temperature</b>	140°F	203°F
<b>Max. pressure</b>	350 psi	350 psi
<b>Weight</b>	2.04 lb	2.14 lb
<b>Flow rate</b>	16 GPM at 350 psi 11 GPM at 145 psi	16 GPM at 350 psi 11 GPM at 145 psi
<b>BSPP female thread</b>	1/2" FBSP	1/2" FBSP

## PM JET multi-purpose washing guns

### ■ ERGONOMICS

- Easy-to-handle, lightweight spray gun
- Trigger protected by safety guard
- Versatile trigger adjustment
- Jet adjustable using the trigger:
  - Directional jet (trigger pressed)
  - 60° conical spray (trigger released)
- Rotating air intake

### ■ DESIGN

- Watertight body and plastic guard
- Rubber ring for impact protection
- Low-pressure spray gun for use up to 174 psi

### ■ PM JETI STAINLESS STEEL VERSION

- Anti-corrosive

### ■ TECHNICAL SPECIFICATIONS

Washing spray guns		
	PM JET	PM JETI
<b>Body material</b>	Polypropylene and glass fiber	Nylon and glass fiber
<b>Protection</b>	Nylon and glass fiber	Nylon and glass fiber
<b>Piston material</b>	Brass	303 stainless steel
<b>Max. temperature</b>	120°F	170°F
<b>Max. pressure</b>	174 psi	174 psi
<b>Weight</b>	0.97 lb	0.97 lb
<b>Flow rate</b>	13 GPM	13 GPM
<b>BSPP female thread</b>	1/2" FBSP	1/2" FBSP





### ASSOCIATED PRODUCTS

Automatic water couplings


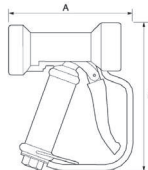


# INDUSTRIAL WASH DOWN GUNS

## BRASS HEAVY DUTY INDUSTRIAL WASH GUN


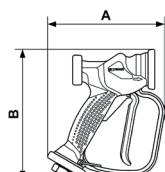
		A (inch)	B (inch)	BSPP female thread	Flow rate (GPM)	Max operating pressure (psi)	Temperature (max °F)	Construction	Weight (lb)	Part Numbers
		6.378	8.504	1/2" FBSP	16 at 350 psi 11 at 145 psi	350	140 (continued use) 195 (occasional use)	Brass wash gun with polyamide coating	2.09	<b>PL JET</b>

## STAINLESS STEEL HEAVY DUTY INDUSTRIAL WASH GUN


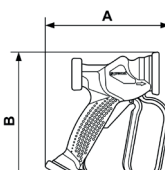
		A (inch)	B (inch)	BSPP female thread	Flow rate (GPM)	Max operating pressure (PSI)	Temperature (max °F)	Construction	Weight (lb)	Part Numbers
		6.26	7.441	1/2" FBSP	16 at 350 psi 11 at 145 psi	350	203	316 stainless steel wash gun with EDPM rubber coating	2.03	<b>PL JETI</b>

# MULTI-PURPOSE WASH GUNS

## MULTI-PURPOSE WASH GUN

		A (inch)	B (inch)	BSPP female thread	Flow rate (at 174 psi (GPM))	Max operating pressure (psi)	Temperature (max °F)	Construction	Weight (lb)	Part Numbers
		6.89	7.638	1/2" FBSP	13	175	120	Polypropylene adjustable spray wash gun with polyamid coating PA 66	0.97	<b>PM JET</b>

## STAINLESS STEEL WASH GUN

		A (inch)	B (inch)	BSPP female thread	Flow rate (at 174 psi (GPM))	Max operating pressure (psi)	Temperature (max °F)	Construction	Weight (lb)	Part Numbers
		6.89	7.638	1/2" FBSP	13	175	175	Polyamide and Stainless steel adjustable spray wash gun	0.97	<b>PM JETI</b>

# ALTO

## air treatment units

### Filtration and regulation **of compressed air**

**Treatment of compressed air is essential:** to protect pneumatic tools, achieve professional quality work and lower maintenance costs. By ensuring air is free of dust, oil and liquid water, **ALTO** units extend the service life of pneumatic tools and guarantee they operate efficiently.

### The range

**ALTO** treatment units are available as modules (filter, regulator, lubricator, filter-regulator) or as a complete unit. They arrive fully assembled and packaged with a pressure gauge and wall mounting brackets. They cover a range of sizes from 1/8" to 1" threads.

Range	Thread
<b>ALTO 1</b>	1/4" FNPT
<b>ALTO 2</b>	3/8" FNPT
<b>ALTO 3</b>	1/2" FNPT
<b>ALTO 4</b>	3/4" FNPT - 1" FNPT



### ALTO FILTER

**ALTO** filters eliminate contaminants (particles, water and oil) from compressed air using a sintered bronze thread or borosilicate which traps solid and liquid particles as the air passes through it.

These contaminants are collected in the tank.

- **Filtration**

**ALTO** filters offer 95% separation of water, oil and solid particles greater than or equal to the filtration threshold size.

- **Drain valve**

A manual drain opens the bottom of the tank when the drain button is pressed, thereby evacuating the accumulated contaminants. The ALTO 1 to 4 ranges may be equipped with an automatic float drain as an option.

- **Bowl**

The tank is attached via a locking bayonet fitting for the **ALTO 2**, **ALTO 3** and **ALTO 4** units. **ALTO 1** units feature a thread tank.

The tank is available in 2 versions:

- Polycarbonate bowls with metal protectors for **ALTO 1, 2, 3 & 4**,
- Completely metal bowls for **ALTO 3HP**.

Range	Filtration threshold			
	40 µ	25 µ	5 µ	0.01 µ
<b>ALTO 1</b>		X	X	X
<b>ALTO 2</b>		X	X	
<b>ALTO 3</b>		X	X	X
<b>ALTO 3HP</b>	X			
<b>ALTO 4</b>		X		



# ALTO air treatment units

## ALTO REGULATOR



**ALTO** regulators enable the pressure to be adjusted to suit usage. A membrane and spring ensure a constant outlet pressure corresponding to the chosen value. They protect pneumatic tools from excess pressure and cut unnecessary energy consumption. Regulators are equipped with a progressive membrane. The pressure is set via a control valve.

Pressure gauge connection:

- 1/8" FBSP for **ALTO 1**, **ALTO 2** and **ALTO 3**
- 1/4" FBSP for **ALTO 4**

The filter-regulator module combines the filter and regulator functions in a single module.



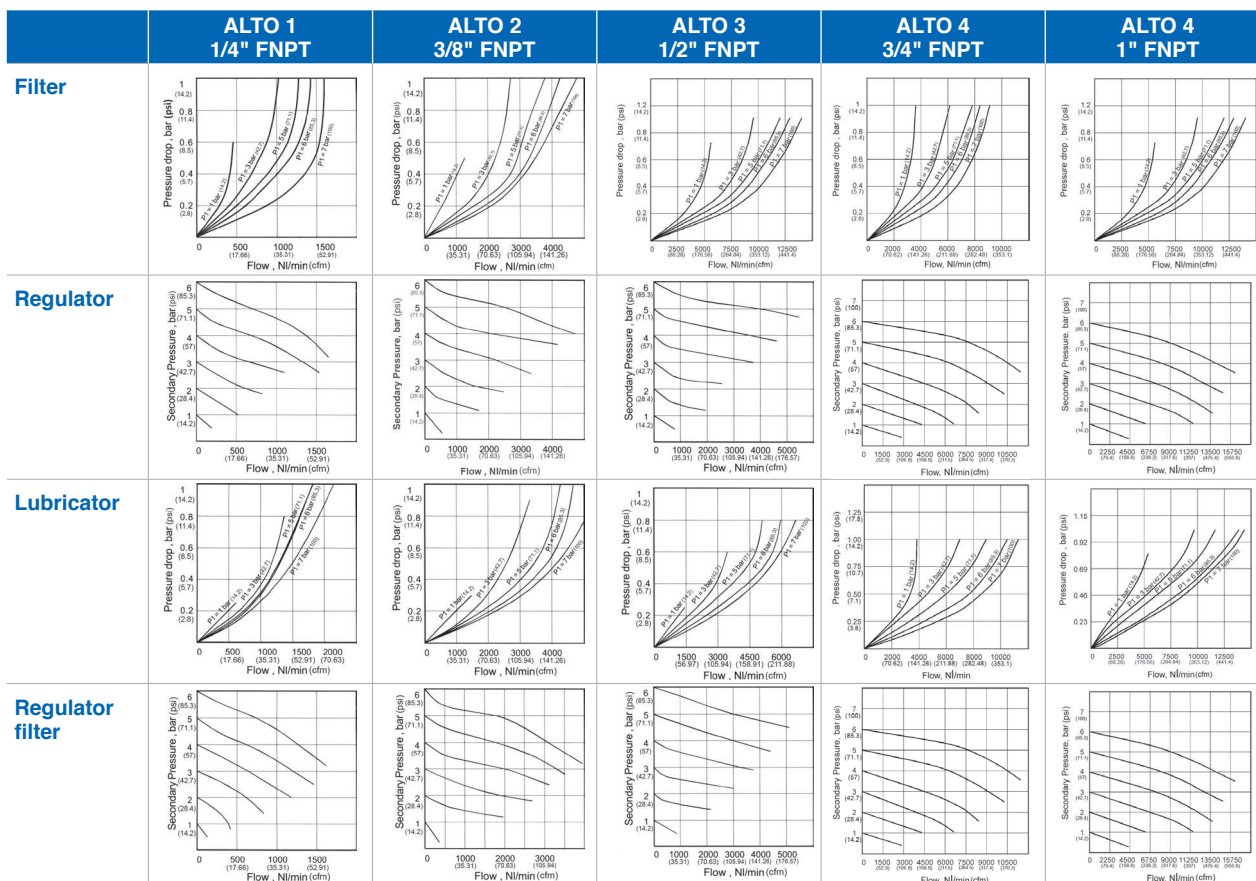
## ALTO LUBRICATOR

**ALTO** oil mist lubricators protect your pneumatic tools by injecting a precisely dosed amount of fine lubricant into the filtered air. Lubrication reduces friction between moving parts, avoids seizure, protects against corrosion, and absorbs and evacuates heat energy. The action of ALTO lubricators extends the service life and the efficiency of pneumatic tools.

The oil flow is adjusted via a cone-point set screw, thereby controlling the amount of lubricant diffused into the pipework. Recommended oil: ISO VG32 (part number LUB 3256). The oil tank can be filled during use. The tank is attached via a locking bayonet fitting for the **ALTO 2**, **ALTO 3** and **ALTO 4** units. **ALTO 1** units feature a threaded tank.



## FLOW RATE GRAPHS



## ALTO AIR TREATMENT MODULES AND ASSEMBLIES

The **ALTO** range offers a wide range of flow rates. From 1/4" FNPT threads to units with 1" FNPT threads (pneumatic tools, pneumatic cylinders, blowing, inflation, paintwork, etc.).

	Filter (a)	Regulator (c)	Lubricator (b)	Filter Regulator (c)	FRL 2 blocks (c)	FRL 3 blocks (c)	Microfilter assembly (c)
<b>ALTO 1 - 1/4" FNPT</b>							
Flow rate	28 cfm	21 cfm	48 cfm	19 cfm	18 cfm	18 cfm	9 cfm
Inlet pressure	174 psi	218 psi	174 psi	174 psi	174 psi	174 psi	174 psi
Outlet pressure		7 to 145 psi		7 to 145 psi	7 to 145 psi	7 to 145 psi	7 to 145 psi
<b>ALTO 2 - 3/8" FNPT</b>							
Flow rate	79 cfm	88 cfm	106 cfm	64 cfm	44 cfm	71 cfm	
Inlet pressure	174 psi	218 psi	174 psi	174 psi	174 psi	174 psi	
Outlet pressure		7 to 145 psi		7 to 145 psi	7 to 145 psi	7 to 145 psi	
<b>ALTO 3 - 1/2" FNPT</b>							
Flow rate	124 cfm	141 cfm	200 cfm	106 cfm	99 cfm	124 cfm	53 cfm
Inlet pressure	174 psi	218 psi	174 psi	174 psi	174 psi	174 psi	174 psi
Outlet pressure		7 to 145 psi		7 to 145 psi	7 to 145 psi	7 to 145 psi	7 to 145 psi
<b>ALTO 3HP - 1/2" FNPT</b>							
Flow rate		141 cfm		106 cfm			
Inlet pressure		218 psi		290 psi			
Outlet pressure		7 to 181 psi		7 to 181 psi			
<b>ALTO 4 - 3/4" FNPT</b>							
Flow rate	177 cfm	177 cfm	254 cfm	150 cfm		124 cfm	
Inlet pressure	174 psi	218 psi	174 psi	174 psi		174 psi	
Outlet pressure		7 to 145 psi		7 to 145 psi		7 to 145 psi	
<b>ALTO 5 - 1" FNPT</b>							
Flow rate	230 cfm	212 cfm	318 cfm	194 cfm		177 cfm	
Inlet pressure	174 psi	218 psi	174 psi	174 psi		174 psi	
Outlet pressure		7 to 145 psi		7 to 145 psi		7 to 145 psi	

Temperature: 41°F - 122°F

(a): Inlet pressure 85 psi -  $\Delta P$ : 4 psi

(b): Inlet pressure 85 psi -  $\Delta P$ : 7 psi

(c): Inlet pressure 100 psi - Operating pressure: 85 psi -  $\Delta P$ : 14.5 psi

### SPECIAL FILTER-REGULATOR FOR PAINT APPLICATIONS

A two-unit **ALTO 3** assembly includes a prefilter-regulator, with 5  $\mu m$  filtration, a micro-filter with 0.01  $\mu m$  filtration, and a pressure gauge with glass screen compatible with solvents, is available for oil-free applications. Efficiency: 99.999%





# ALTO air treatment units

## ■ PRESSURE GAUGES

A pressure gauge is an essential tool for checking the correct operation of a circuit. PREVOST offers various models, to be selected depending on the application (pressure ranges, threads, shapes, solvent resistance, etc.) and thread positions (rear or 6 h).



## ■ ALTO SPACER

The spacer is an additional module, placed upstream of the lubricator, that provides four non-lubricated dry air tappings. It is assembled in the same way as other modules. A single **ALTO** unit can be used to supply several applications, only some of which require lubrication. This option is available on **ALTO 1**, **ALTO 2** and **ALTO 3** units.



The spacer has two vertical outlets and two horizontal outlets. The outlets are threaded, as follows:

- 1/4" FNPT for **ALTO 1**
- 3/8" FNPT for **ALTO 2**
- 1/2" FNPT for **ALTO 3**

Each outlet has a cylindrical male cap with gasket and hex socket drive.

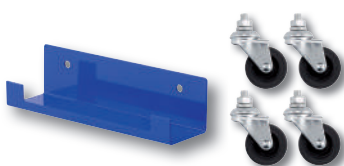
For wall mounted units, use a wall mounting plate and network connection kit (part number **TC...** is recommended).

## ■ AIR TREATMENT ASSEMBLIES ON FRAMES

The frame enables compressed air to be treated immediately adjacent to work stations in workshops. The air is filtered with the same efficiency as in a conventional workshop with fixed work stations

**Advantages:** three versions available, depending on the application:

- **PTC.** Dry air version for paint booths and oil-free applications – 5 µm pre-filtration, 0.01 µm micro-filtration.
- **PTE.** Dry and lubricated air version for workshops with pneumatic tools and dry air needs – 25 µm filtration – use of pneumatic tools and dry air needs for blowing, inflation, etc.



### Optional

- **Kit of four casters, part number PT RL.** Assembled on the frame, enables easy transfer from one point of use to another.
- **One wall bracket, part number PT K.** Enables the frame to be hung on a wall when needed.

## Easy to use

### ■ MODULAR CONSTRUCTION

An assortment of easy to assemble accessories are available which quickly mount and connect to the network. They are compatible with all **ALTO 1**, **ALTO 2**, **ALTO 3** and **ALTO 4** units.



- **Assembly**

Assembly kit – part number TA M  
One kit to assemble two modules  
Two kits are needed to assemble three modules



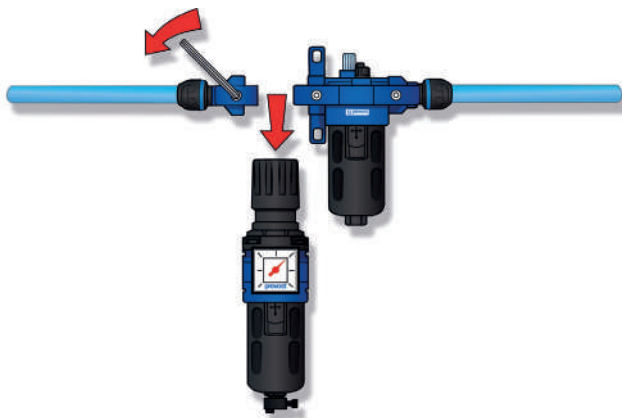
- **Assembly and wall mounting**

Assembly kit with wall mounting plate - part number TA S  
One kit to assemble two modules  
Two kits to assemble three modules



- **Wall mounting brackets**

for filter or lubricator – part number TP or for regulator and filter-regulator – part number TR



- **Quick connection to the pipe network**

Quick connection kit – TC P

- **Quick connection and wall mounting**

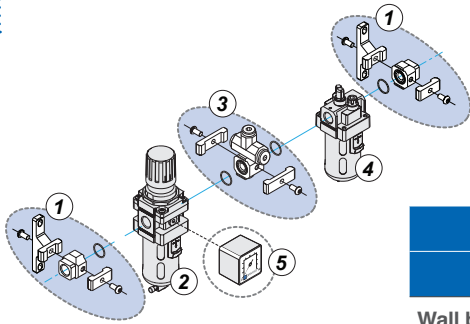
Wall mounting quick connection kit – TC S

The quick connection kit enables units to be installed and removed without affecting the air piping system.



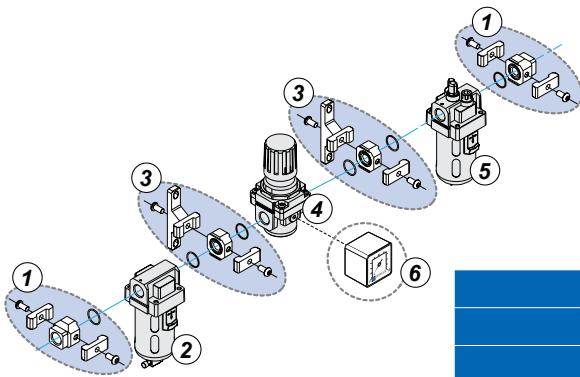
# ALTO air treatment units

## Assemblies and fasteners



Two-block filter-regulator

Ref: TB SME: 1 + 2 + 3 + 4 + 1 + 5				
		1/4" FNPT	3/8" FNPT	1/2" FNPT
Wall bracket and pipe adapter kit	1	TCS 201	TC S202	TC 203
Filter Regulator	2	TM 201	TM 202	TM 203
Outlet Block	3	TM 201	TE 202	TE 203
Lubricator	4	TM 201	TL 202	TL 203
Gauge	5	MT CA1040	MT CA1040	MT CA1040



Three-block filter-regulator

Ref.: TT SM: 2 + 3 + 4 + 3 + 5 + 6				
Ref.: TT PSM: 1 + 2 + 3 + 4 + 3 + 5 + 1 + 6				
		1/4" FNPT	3/8" FNPT	1/2" FNPT
Pipe adapter	1	TC 201	TC P202	TC P203
Filter	2	TF 201	TF 202	TF 203
Wall mounting bracket kit	3	TAS 1	TA S2	TA S3
Regulator	4	TR 201	TR 202	TR 203
Lubricator	5	TL 201	TL 202	TL 203
Gauge	6	MT CA1040	MT CA1040	MT CA1040

### PACKAGING

ALTO modules and treatment assemblies are supplied in boxes for shelf storage or retail boxes with hanger and window panel. Part numbers for self-service boxes have a prefix K.



ALTO units for self-service

# ALTO 1


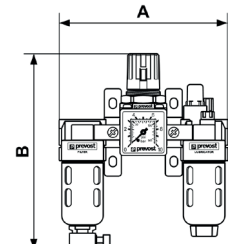
## 1/4" FNPT AIR TREATMENT UNITS

Temperature  
+41°F to +122°F


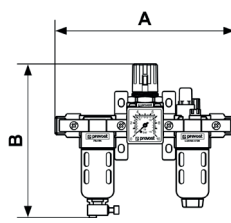
Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection

Equipped with  
Manual drain


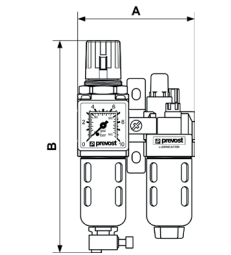
### ALTO 1 - 3-PIECE-SET - 1/4" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		5.748	6.693	1/4" FNPT	17.65	174	25	<b>TT SM201</b>
Equipped with a pressure gauge: 0 - 145 psi								


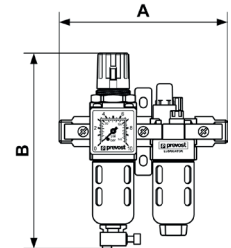
### ALTO 1 - 3-PIECE-SET - 1/4" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		7.874	6.693	1/4" FNPT	17.65	174	25	<b>TT PSM201</b>
Equipped with a pressure gauge: 0 - 145 psi								

### ALTO 1 - 2-PIECE-SET - 1/4" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		3.622	6.693	1/4" FNPT	17.65	174	25	<b>TB SM201</b>
Equipped with a pressure gauge: 0 - 145 psi								

### ALTO 1 - 2-PIECE-SET - 1/4" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		5.748	6.693	1/4" FNPT	17.65	174	25	<b>TB PSM201</b>
Equipped with a pressure gauge: 0 - 145 psi								

# ALTO 1


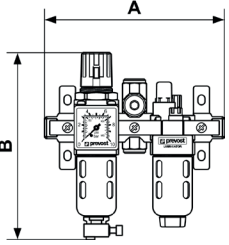
## 1/4" FNPT AIR TREATMENT UNITS

Temperature  
+41°F to +122°F


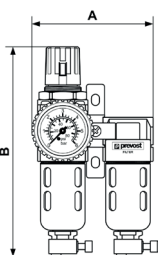
Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection

Equipped with  
Manual drain

### ALTO 1 - 2-PIECE-SET - 1/4" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET, DIVERTER BLOCK AND PIPE ADAPTERS


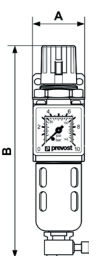
		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Flow rate (cfm at 87 psi ΔP=14psi)</b>	<b>Max operating pressure (psi)</b>	<b>Filtration (µm)</b>	<b>Part Numbers</b>
		5.276	6.693	1/4" FNPT	17.65	174	25	<b>TB SME201</b>
Equipped with a pressure gauge: 0 - 145 psi 4 outlets for non-lubricated air								

### ALTO 1 - 2-PIECE-SET - 1/4" MICROFILTER ASSEMBLY WITH REGULATOR (GAUGE INCLUDED) AND WALL BRACKET


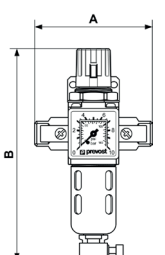
		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Flow rate (cfm at 87 psi ΔP=14 psi)</b>	<b>Max operating pressure (psi)</b>	<b>Filtration (µm)</b>	<b>Part Numbers</b>
		3.622	6.693	1/4" FNPT	8.83	174	5 and 0.01	<b>TB CSM201</b>
Combination fitted with dual-stage filtration for application without oil Equipped with a pressure gauge (glass dial): 0 - 145 psi								

PAINTING

### FILTER-REGULATOR (GAUGE INCLUDED) WITH WALL BRACKET

		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Flow rate (cfm at 100 psi ΔP=14psi)</b>	<b>Max operating pressure (psi)</b>	<b>Filtration (µm)</b>	<b>Part Numbers</b>
		1.575	6.693	1/4" FNPT	19.43	174	25	<b>TM SM201</b>
Equipped with a pressure gauge: 0 - 145 psi								

### ALTO 1 - 1/4" FILTER-REGULATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS

		<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Flow rate (cfm at 87 psi ΔP=14psi)</b>	<b>Max operating pressure (psi)</b>	<b>Filtration (µm)</b>	<b>Part Numbers</b>
		3.701	6.693	1/4" FNPT	19.43	174	25	<b>TM PSM201</b>
Equipped with a pressure gauge: 0 - 145 psi								

# ALTO 1



## 1/4" FNPT MODULES

Temperature  
+41°F to +122°F


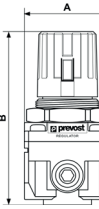
Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection

Equipped with  
Manual drain


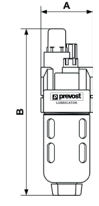
### ALTO 1 - 1/4" FILTER AND MICRO FILTER

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=4psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		1.575	4.449	-	1/4" FNPT	28.24	174	25	<b>TF 201</b>
1.575	4.449	-	1/4" FNPT	28.24	174	0.01	<b>TC 201</b>		


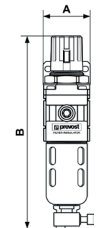
### ALTO 1 - 1/4" REGULATOR

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 100 psi ΔP=14psi)	Operating pressure (psi)	Part Numbers
		1.575	3.189	-	1/4" FNPT	21.18	Inlet: 217 Outlet: 7-145	<b>TR 201</b>
Pressure gauge port size: G 1/8								


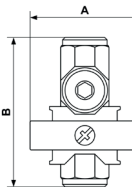
### ALTO 1 - 1/4" LUBRICATOR

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=7 psi)	Max operating pressure (psi)	Part Numbers
		1.575	5.315	-	1/4" FNPT	47.65	174	<b>TL 201</b>

### ALTO 1 - 1/4" FILTER-REGULATOR 5 MICRON

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 100 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		1.575	6.693	-	1/4" FNPT	19.43	Inlet: 174 Outlet: 7 - 145	25	<b>TM 201</b>
1.575	6.693	-	1/4" FNPT	19.43	Inlet: 174 Outlet: 7 - 145	5	<b>TM 20105</b>		
Connection pressure gauge: G 1/8									


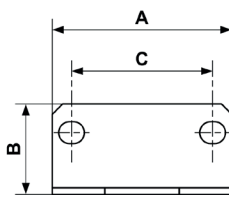
### ALTO 1 - 1/4" DIVERTER BLOCK FOR OUTLETS WITHOUT OIL

		A (inch)	B (inch)	C (inch)	NPT female thread	Air outlet	Part Numbers
		1.692	2.165	1.89	1/4" FNPT	4 non-lubricated outlets	<b>TE 201</b>


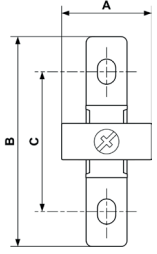
# ALTO 1

## 1/4" FNPT ACCESSORIES


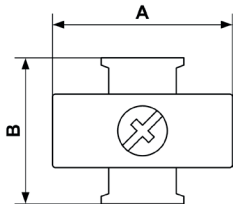
### ALTO 1 - 1/4" WALL BRACKET

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.575	1.142	1.063	(1) For filter or lubricator 1/4" FNPT	<b>TP Q1</b>
		1.575	1.063	1.063	(2) For regulator or filter regulator 1/4" FNPT	<b>TR Q1</b>
		-	-	-	(3) Nut for regulator bracket	<b>TR E1</b>


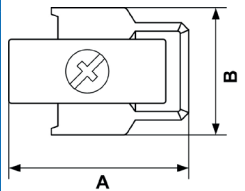
### ALTO 1 - 1/4" WALL MOUNTING BRACKET KIT

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.26	2.874	2.008	- 1 set TA S1 for a 1/4" FNPT 2-piece-set - 2 sets TA S1 for a 1/4" FNPT 3-piece-set	<b>TA S1</b>

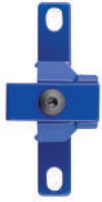
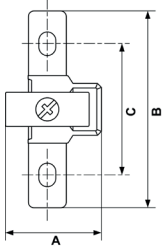
### ALTO 1 - 1/4" MODULE CONNECTOR KIT

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.142	1.024	-	- 1 set TA M1 for a 1/4" FNPT 2-piece-set - 2 sets TA M1 for a 1/4" FNPT 3-piece-set	<b>TA M1</b>


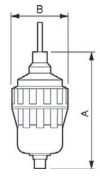
### ALTO 1 - 1/4" MODULE CONNECTION

		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		1.417	1.024	-	1/4" FNPT	<b>TC P201</b>


### ALTO 1 - 1/4" MODULAR WALL MOUNT BRACKET

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.417	2.874	2.008	1/4" FNPT	<b>TC S201</b>


### ALTO 1 - 1/8" - 1/4" AUTOMATIC FLOAT DRAIN

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Description</b>	<b>Part Numbers</b>
		5.945	2.008	-	For filter: 1/8" and 1/4" FNPT	<b>TD F1</b>

### FILTER AND MICRO FILTER ELEMENT ALTO 1

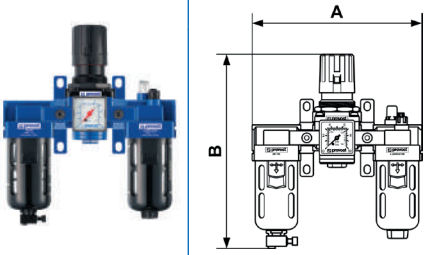
	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Filtration (µm)</b>	<b>Part Numbers</b>
	-	-	-	(1) 25	<b>TF C1</b>
	-	-	-	(1) 5	<b>TF C105</b>
	-	-	-	(2) 0.01	<b>TF C101</b>

### MANUAL DRAIN BY DRAIN KNOB FOR FILTER OR FILTER-REGULATOR ALTO 1 - 2 - 3 - 4

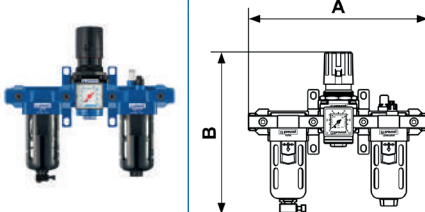
	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Description</b>	<b>Part Numbers</b>
	-	-	-	For filters: 1/4" - 1/8" - 3/8" - 1/2" - 3/4" - 1" FNPT	<b>TP F45</b>

# ALTO 2 - 3/8" FNPT MEDIUM COMPRESSED AIR TREATMENT UNITS

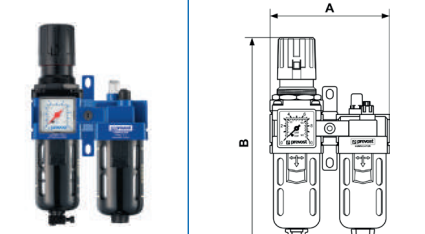
## ALTO 2 - 3-PIECE-SET - 3/8" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET

	<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Flow rate (cfm at 87 psi ΔP=14psi)</b>	<b>Max operating pressure (psi)</b>	<b>Filtration (μm)</b>	<b>Part Numbers</b>
	7.559	8.661	3/8" FNPT	70.60	174	25	<b>TT SM202</b>
Equipped with a pressure gauge: 0 - 145 psi							

## ALTO 2 - 3-PIECE-SET - 3/8" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS

	<b>A (inch)</b>	<b>B (inch)</b>	<b>NPT female thread</b>	<b>Flow rate (cfm at 87 psi ΔP=14psi)</b>	<b>Max operating pressure (psi)</b>	<b>Filtration (μm)</b>	<b>Part Numbers</b>
	9.843	8.661	3/8" FNPT	70.60	174	25	<b>TT PSM202</b>
Equipped with a pressure gauge: 0 - 145 psi							

## 2-PIECE-SET - FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET


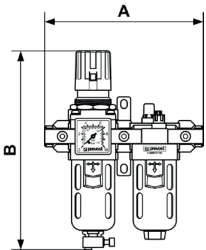
	<b>A (inch)</b>	<b>B (inch)</b>	<b>Female thread</b>	<b>Flow rate (cfm at 87 psi ΔP=14psi)</b>	<b>Max operating pressure (psi)</b>	<b>Filtration (μm)</b>	<b>Part Numbers</b>
	4.882	8.661	3/8"	44.15	174	25	<b>TB SM202</b>
Equipped with a pressure gauge: 0 - 145 psi							

Temperature  
+41°F to +122°F


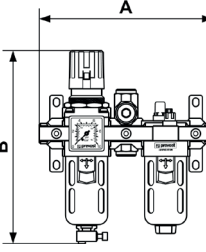
Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection

Equipped with  
Manual drain


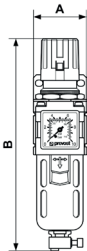
### ALTO 2 - 2-PIECE-SET - 3/8" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (µm)	Part Numbers
		7.165	8.661	3/8" FNPT	44.15	174	25	<b>TB PSM202</b>
Equipped with a pressure gauge: 0 - 145 psi								


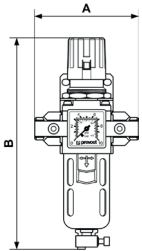
### ALTO 2 - 2-PIECE-SET - 3/8" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET, DIVERTER BLOCK AND PIPE ADAPTERS

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (µm)	Part Numbers
		9.213	8.661	3/8" FNPT	44.15	174	25	<b>TB SME202</b>
Equipped with a pressure gauge: 0 - 145 psi 4 outlets for non lubricated air								

### FILTER-REGULATOR (GAUGE INCLUDED) WITH WALL BRACKET

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (µm)	Part Numbers
		2.165	8.661	3/8" FNPT	63.54	174	25	<b>TM SM202</b>
Equipped with a pressure gauge 0 - 145 psi								

### ALTO 2 - 3/8" FILTER-REGULATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (µm)	Part Numbers
		4.449	8.661	3/8" FNPT	63.54	174	25	<b>TM PSM202</b>
Equipped with a pressure gauge: 0 - 145 psi								

FILTRATION / TREATMENT





# ALTO 2


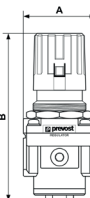
## 3/8" FNPT MODULES

Temperature +41°F to +122°F	Construction Body: Aluminum Polycarbonate bowl with metallic protection	Equipped with Manual drain
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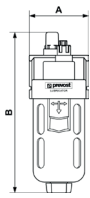
### ALTO 2 - 3/8" FILTER AND MICRO FILTER

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=4psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		2.165	5.512	-	3/8" FNPT	79.42	174	25	<b>TF 202</b>


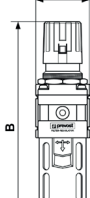
### ALTO 2 - 3/8" REGULATOR

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Part Numbers
		2.165	5.315	-	3/8" FNPT	88.25	Inlet: 217 Outlet: 7-145	<b>TR 202</b>
Pressure gauge port size: G 1/8								


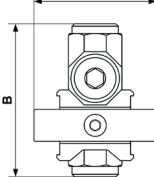
### ALTO 2 - 3/8" LUBRICATOR

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=7psi)	Max operating pressure (psi)	Part Numbers
		2.165	6.181	-	3/8" FNPT	105.90	174	<b>TL 202</b>

### ALTO 2 - 3/8" FILTER-REGULATOR

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Filtration (μm)	Part Numbers
		2.165	8.661	-	3/8" FNPT	63.54	Inlet: 174 Outlet: 7-145	25	<b>TM 202</b>
Outlet: 0.5-10 bar Connection pressure gauge: G 1/8									


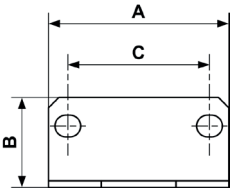
### ALTO 2 - DIVERTER BLOCK FOR OUTLETS WITHOUT OIL

		A (inch)	B (inch)	C (inch)	NPT female thread	Air outlet	Part Numbers
		2.598	1.378	2.087	3/8" FNPT	4 non-lubricated outlets	<b>TE 202</b>


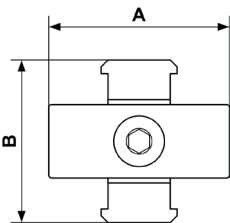
# ALTO 2

## 3/8" FNPT ACCESSORIES


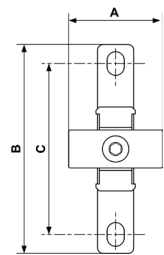
### ALTO 2 - WALL BRACKET

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		2.165	1.102	1.693	(1) For filter or regulator 3/8" FNPT	<b>TP Q2</b>
		2.165	1.102	1.693	(2) For regulator or filter regulator 3/8" FNPT	<b>TR Q2</b>
		-	-	-	(3) Nut for regulator bracket	<b>TR E2</b>

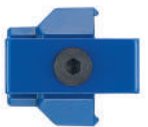
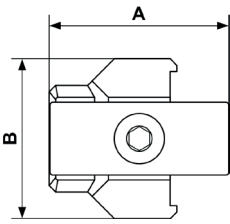
### ALTO 2 - 3/8" MODULE CONNECTOR KIT

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.535	1.299	-	- 1 set TA M2 for a 3/8" FNPT 2-piece-set - 2 sets TA M2 for a 3/8" FNPT 3-piece-set	<b>TA M2</b>

### ALTO 2 - 3/8" WALL MOUNTING BRACKET KIT

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.535	3.504	2.756	- 1 set TA S2 for a 3/8" FNPT 2-piece-set - 2 sets TA S2 for a 3/8" FNPT 3-piece-set	<b>TA S2</b>


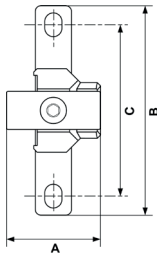
### ALTO 2 - 3/8" MODULE CONNECTION

		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		1.535	1.299	-	3/8" FNPT	<b>TC P202</b>


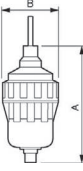
# ALTO 2

## 3/8" FNPT ACCESSORIES


### ALTO 2 - 3/8" MODULAR WALL MOUNT BRACKET

		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		1.535	3.504	2.756	3/8" FNPT	<b>TC S202</b>


### ALTO 2 - 3/8" AUTOMATIC FLOAT DRAIN

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		5.945	2.008	-	For filter: 3/8" FNPT	<b>TD F2</b>

### FILTER ELEMENT ALTO 2

	A (inch)	B (inch)	C (inch)	Filtration (µm)	Part Numbers
	-	-	-	25	<b>TF C2</b>
	-	-	-	5	<b>TF C205</b>

### MANUAL DRAIN BY DRAIN KNOB FOR FILTER OR FILTER-REGULATOR ALTO 1 - 2 - 3 - 4

	A (inch)	B (inch)	C (inch)	Description	Part Numbers
	-	-	-	For filters: 1/4" - 1/8" - 3/8" - 1/2" - 3/4" - 1" FNPT	<b>TP F45</b>

# ALTO 3


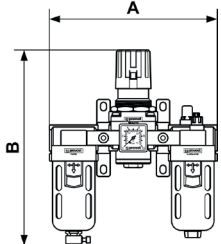
## 1/2" FNPT AIR TREATMENT UNITS

Temperature  
+41°F to +122°F


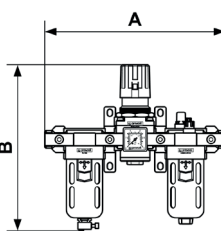
Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection

Equipped with  
Manual drain


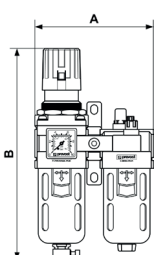
### ALTO 3 - 3-PIECE-SET - 1/2" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		9.488	11.024	1/2" FNPT	123.54	174	25	<b>TT SM203</b>
Equipped with a pressure gauge: 0 - 145 psi								


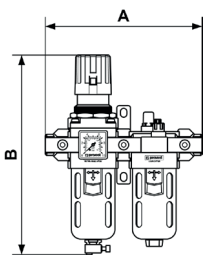
### ALTO 3 - 3-PIECE-SET - 1/2" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		12.008	11.024	1/2" FNPT	123.54	174 psi	25	<b>TT PSM203</b>
Equipped with a pressure gauge: 0 - 145 psi								

### 2-PIECE-SET - FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		6.142	11.024	1/2" FNPT	98.90	174	25	<b>TB SM203</b>
Equipped with a pressure gauge: 0 - 145 psi								


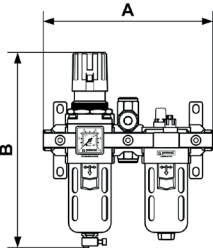
### ALTO 3 - 2-PIECE-SET - 1/2" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 100 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		8.661	11.024	1/2" FNPT	98.90	174 psi	25	<b>TB PSM203</b>
Equipped with a pressure gauge: 0 - 145 psi								


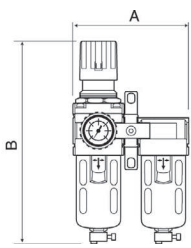
# ALTO 3

## 1/2" FNPT AIR TREATMENT UNITS


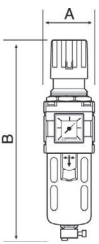
### ALTO 3 - 2-PIECE-SET - 1/2" FILTER-REGULATOR-LUBRICATOR (GAUGE INCLUDED) WITH WALL BRACKET, DIVERTER BLOCK AND PIPE ADAPTERS

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		9.606	11.024	1/2" FNPT	98.90	174	25	<b>TB SME203</b>
Equipped with a pressure gauge: 0 - 145 psi 4 outlets for non lubricated air								


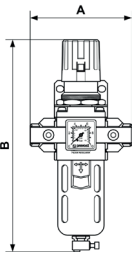
### 2-PIECE-SET - 1/2" MICRO-FILTER ASSEMBLY WITH REGULATOR (GAUGE INCLUDED) AND WALL BRACKET

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=4psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		6.142	11.024	1/2" FNPT	52.95	174	5 and 0.01	<b>TB CSM203</b>
Equipped with a pressure gauge (glass dial): 0 - 145 psi								

### FILTER-REGULATOR (GAUGE INCLUDED) WITH WALL BRACKET

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		2.756	11.024	1/2" FNPT	105.96	174	25	<b>TM SM203</b>
Equipped with a pressure gauge 0 - 145 psi								

### ALTO 3 - 1/2" FILTER-REGULATOR (GAUGE INCLUDED) WITH WALL BRACKET AND PIPE ADAPTERS


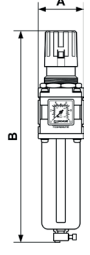
		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		5.276	11.024	1/2" FNPT	105.96	174 psi	25	<b>TM PSM203</b>
Equipped with a pressure gauge: 0 - 145 psi								

Temperature  
+41°F to +122°F


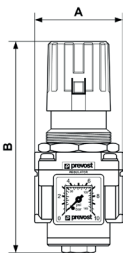
Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection

Equipped with  
Manual drain


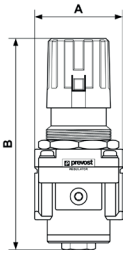
### ALTO 3 - 1/2" FILTER-REGULATOR 280 PSI (GAUGE INCLUDED) WITH WALL BRACKET

			A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Filtration (µm)	Part Numbers
			2.638	12.992	1/2" FNPT	105.96	Inlet: 290 Outlet: 7-181	40	<b>TM HPSM203</b>
Metallic vat without sight glass Equipped with a pressure gauge: 0 - 232 psi									

### ALTO 3 - 1/2" REGULATOR WITH GAUGE


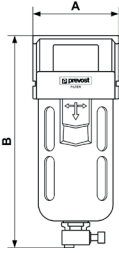
			A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Part Numbers
			1.575	3.189	1/2" FNPT	141.20	Inlet: 217 Outlet: 7-145	<b>TR M203</b>
Equipped with a pressure gauge: 0 - 145 psi								

### ALTO 3 - 1/2" HP REGULATOR WITH GAUGE


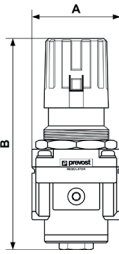
			A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Part Numbers
			2.795	6.299	1/2" FNPT	141.20	Inlet: 290 Outlet: 7-181	<b>TR HPM203</b>
Equipped with a pressure gauge: 0 - 232 psi								

# ALTO 3 1/2" FNPT MODULES


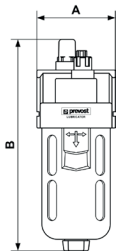
## ALTO 3 - 1/2" FILTER AND MICRO FILTER

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=4psi)	Max operating pressure (psi)	Filtration (μm)	Part Numbers
		2.756	6.772	-	1/2" FNPT	123.55	174	25	<b>TF 203</b>
		2.756	6.772	-	1/2" FNPT	123.55	174	0.01	<b>TC 203</b>


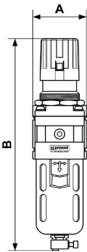
## ALTO 3 - 1/2" REGULATOR

		A (inch)	B (inch)	C (inch)	NPT male thread	Flow rate (cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Part Numbers
		2.756	5.315	-	1/2" FNPT	141.20	Inlet: 217 Outlet: 7-145	<b>TR 203</b>
		Pressure gauge port size: G 1/8						

## ALTO 3 - 1/2" LUBRICATOR

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP= 7 psi)	Max operating pressure (psi)	Part Numbers
		2.756	7.48	-	1/2" FNPT	199.44	174 psi	<b>TL 203</b>

## ALTO 3 - 1/2" FILTER-REGULATOR


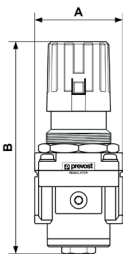
		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 100 psi ΔP=14psi)	Operating pressure (psi)	Filtration (μm)	Part Numbers
		2.756	11.024	-	1/2" FNPT	105.96	Inlet: 174 Outlet: 0-145	25	<b>TM 203</b>
		2.756	11.024	-	1/2" FNPT	105.96	Inlet: 174 Outlet: 0-145	5	<b>TM 20305</b>
Outlet: 7 psi - 145 psi Pressure gauge part size: G 1/8									

Temperature  
+41°F to +122°F


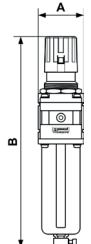
Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection

Equipped with  
Manual drain


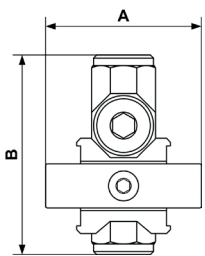
### ALTO 3 - 1/2" HP REGULATOR

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Max operating pressure (psi)	Part Numbers
		2.795	6.299	-	1/2" FNPT	141.20	Inlet: 217 Outlet: 7-181	<b>TR HP203</b>
<p>Pressure gauge port size: G 1/8</p>								

### ALTO 3 - 1/2" HP FILTER-REGULATOR

		A (inch)	B (inch)	C (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Filtration (µm)	Part Numbers
		2.756	12.992	-	1/2" FNPT	105.96	Inlet: 290 Outlet: 7-181	40	<b>TM HP203</b>
<p>Metallic vat without sight glass Pressure gauge part size: G 1/8</p>									

### ALTO 3 - 1/2" DIVERTER BLOCK FOR OUTLETS WITHOUT OIL


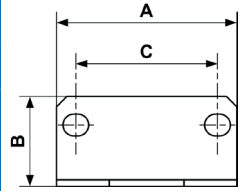
		A (inch)	B (inch)	NPT female thread	Air outlet	Part Numbers
		2.874	3.661	1/2" FNPT	4 non-lubricated outlets	<b>TE 203</b>




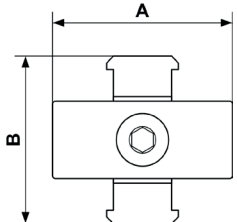
# ALTO 3

## 1/2" FNPT AIR TREATMENT UNITS


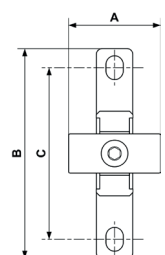
### ALTO 3 - 1/2" WALL BRACKET

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		2.755	1.181	2.165	(1) For filter or lubricator 1/2" FNPT	<b>TP Q3</b>
		2.755	1.377	2.165	(2) For regulator or filter regulator 1/2" FNPT	<b>TR Q3</b>
		-	-	-	(3) Nut for regulator bracket	<b>TR E3</b>

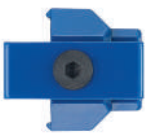
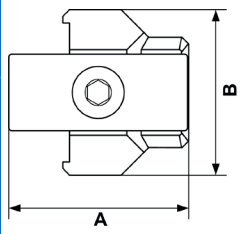
### ALTO 3 - 1/2" MODULE CONNECTION KIT

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.89	1.732	-	- 1 set TA M3 for a 1/2" FNPT 2-piece-set - 2 sets TA M3 for a 1/2" FNPT 3-piece-set	<b>TA M3</b>


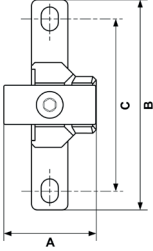
### ALTO 3 - 1/2" WALL MOUNTING BRACKET KIT

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.89	4.291	3.543	- 1 set TA S3 for a 1/2" FNPT 2-piece-set - 2 sets TA S3 for a 1/2" FNPT 3-piece-set	<b>TA S3</b>


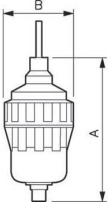
### ALTO 3 - 1/2" - 3/4" MODULE CONNECTION

		A (inch)	B (inch)	C (inch)	NPT female thread	Part Numbers
		1.89	1.732	-	1/2" FNPT	<b>TC P203</b>
		2.953	2.165	-	3/4" FNPT	<b>TC P3204</b>

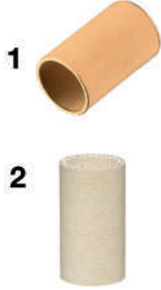
### ALTO 3 - 1/2" - 3/4" MODULAR WALL MOUNT BRACKET

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		1.89	4.291	3.583	1/2" FNPT	<b>TC S203</b>
		2.953	4.291	3.583	3/4" FNPT	<b>TC S3204</b>


### ALTO 3 - 4 - 1/2" - 3/4" - 1" AUTOMATIC FLOAT DRAIN

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Description</b>	<b>Part Numbers</b>
		5.945	2.008	-	For filters 1/2" - 3/4" - 1" FNPT	<b>TD F3</b>

### FILTER AND MICRO-FILTER ELEMENT ALTO 3

	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Filtration (µm)</b>	<b>Part Numbers</b>
	-	-	-	(1) 25	<b>TF C3</b>
	-	-	-	(1) 5	<b>TF C305</b>
	-	-	-	(2) 0.01	<b>TF C301</b>

### MANUAL DRAIN BY DRAIN KNOB FOR FILTER OR FILTER-REGULATOR ALTO 1 - 2 - 3 - 4

	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Description</b>	<b>Part Numbers</b>
	-	-	-	For filters: 1/4" - 1/8" - 3/8" - 1/2" - 3/4" - 1" FNPT	<b>TP F45</b>

# ALTO 4


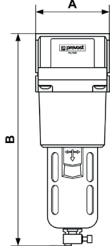
## 3/4" - 1" FNPT COMPRESSED AIR TREATMENT UNITS ...

Temperature  
+41°F to +122°F


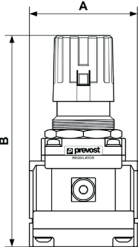
Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection

Equipped with  
Manual drain


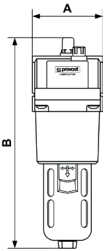
### ALTO 4 - 3/4" - 1" FILTER 25 MM

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=4psi)	Max operating pressure (psi)	Filtration (µm)	Part Numbers
		3.543	10.236	3/4" FNPT	176	174	25	<b>TF 204T</b>
		3.543	10.236	1" FNPT	229	174	25	<b>TF 205T</b>


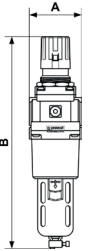
### ALTO 4 - 3/4" - 1" REGULATOR

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Part Numbers
		3.543	6.969	3/4" FNPT	176	Inlet: 217 Outlet: 7-145	<b>TR 204</b>
		3.543	6.969	1" FNPT	211	Inlet: 217 Outlet: 7-145	<b>TR 205</b>
Pressure gauge port size: G 1/4							

### ALTO 4 - 3/4" - 1" LUBRICATOR

		A (inch)	B (inch)	NPT female thread	Flow rate (cfm at 87 psi ΔP=7psi)	Max operating pressure (psi)	Part Numbers
		3.543	10.748	3/4" FNPT	254	174	<b>TL 204</b>
		3.543	10.748	1" FNPT	318	174	<b>TL 205</b>


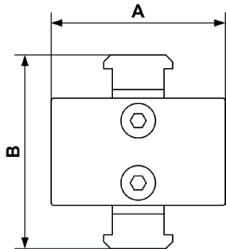
### ALTO 4 - 3/4" - 1" FILTER-REGULATOR

		A (inch)	B (inch)	NPT female thread	Flow rate (Cfm at 87 psi ΔP=14psi)	Operating pressure (psi)	Filtration (µm)	Part Numbers
		3.543	14.567	3/4" FNPT	150	Inlet: 174 Outlet: 7-145	25	<b>TM 204</b>
		3.543	14.567	1" FNPT	194	Inlet: 174 Outlet: 7-145	25	<b>TM 205</b>
Pressure gauge thread size: G 1/4								


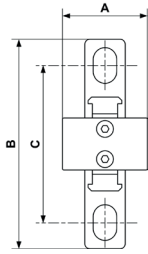
# ALTO 4

## 3/4" - 1" FNPT RANGE ACCESSORIES


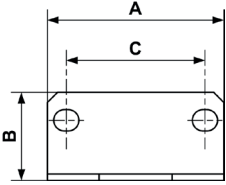
### ALTO 4 - 3/4" - 1" SEAL SET

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.969	2.165	-	1 set TA M45 for 2 modules 2 sets TA M45 for 3 modules	<b>TA M45</b>


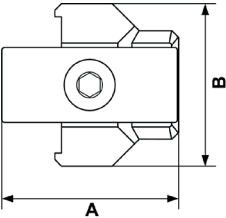
### ALTO 4 - 3/4" - 1" WALL BRACKET AND SEAL SET

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		2.008	4.921	3.819	1 set TA S45 for 2 modules 2 sets TA S45 for 3 modules	<b>TA S45</b>

### ALTO 4 - 3/4" - 1" WALL BRACKET

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		3.543	1.85	2.559	(1) For filter and lubricator	<b>TP Q45</b>
		3.543	1.496	2.559	(2) For regulator or filter regulator	<b>TR Q45</b>

### ALTO 4 - 3/4" - 1" QUICK CONNECTION KIT FOR INSTALLATION ON PIPE

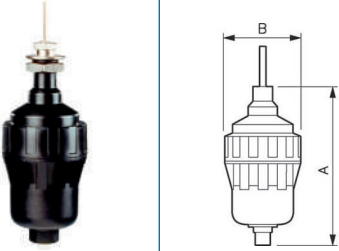
		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		1.89	1.772	-	Pipe adapter for 3/4" FNPT units	<b>TC P204</b>
		1.89	1.772	-	Pipe adapter for 1" FNPT units	<b>TC P205</b>

# ALTO 4

## 3/4" - 1" FNPT RANGE ACCESSORIES


### ALTO 3 - 4 - 1/2" - 3/4" - 1" AUTOMATIC FLOAT DRAIN

		A (inch)	B (inch)	C (inch)	Description	Part Numbers
		5.945	2.008	-	For filters 1/2" - 3/4" - 1" FNPT	<b>TD F3</b>




### FILTER CARTRIDGE ALTO 4

	A (inch)	B (inch)	C (inch)	Filtration (µm)	Part Numbers
	-	-	-	25	<b>TF C45</b>



### MANUAL DRAIN BY DRAIN KNOB FOR FILTER OR FILTER-REGULATOR ALTO 1 - 2 - 3 - 4

	A (inch)	B (inch)	C (inch)	Description	Part Numbers
	-	-	-	For filters: 1/4" - 1/8" - 3/8" - 1/2" - 3/4" - 1" FNPT	<b>TP F45</b>



# AIR TREATMENT UNITS ON GANTRY


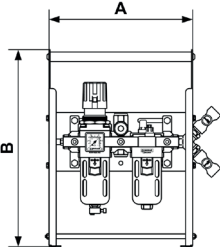
Temperature  
+41°F to +122°F

Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection


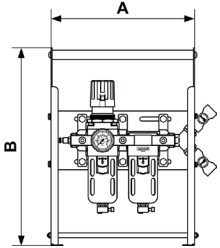
Highlight  
Easy to transport

Equipped with  
Coupler and plug

## COMBINATION FILTER-REGULATOR-LUBRICATOR TB SME203 WITH DIVERTER BLOCK, ON GANTRY

		A (inch)	B (inch)	C (inch)	Interchange	Inlet 1 plug	Filtration (µm)	Outlet 3 couplings	Flow rate (cfm at 87 psi ΔP=8.7 psi)	Part Numbers
		11.929	16.417	-	Industrial 1/4"	IRP 06	25	2 x ISI 06 1 x ISI 06 (non lubricated outlet)	29.4	<b>PTE IS</b>
		11.929	16.417	-	Industrial 3/8"	IRP 08	25	2 x ISI 08 1 x ISI 08 (non lubricated outlet)	71.6	<b>PTE IS8</b>
		11.929	16.417	-	Automotive 1/4"	URP 06	25	2 x USI 06 1 x USI 06 (non lubricated outlet)	29.4	<b>PTE US</b>
		11.929	16.417	-	Automotive 3/8"	URP 08	25	2 x USI 08 1 x USI 08 (non lubricated outlet)	71.6	<b>PTE US8</b>
		11.929	16.417	-	High Flow 3/8"	ERP 07	25	2 x ESI 07 1 x ESI 07 (non lubricated outlet)	64.3	<b>PTE ES</b>
		11.929	16.417	-	ARO 210 1/4"	ARP 06	25	2 x ASI 06 1 x ASI 06 (non lubricated outlet)	28.3	<b>PTE AS</b>
Equipped with a pressure gauge: 0-145 psi Inlet pressure: 174 psi Outlet pressure: 7-145 psi										

## COMBINATION MICRO FILTER - REGULATOR TB CSM203 (GAUGE INCLUDED) ALTO 3, ON GANTRY

		A (inch)	B (inch)	C (inch)	Interchange	Inlet 1 plug	Filtration (µm)	Outlet 2 couplings	Flow rate (cfm at 87 psi ΔP=8.7 psi)	Part Numbers
		11.929	16.417	-	Industrial 1/4"	IRP 06	5 and 0.01	ISI 06	29.4	<b>PTC IS</b>
		11.929	16.417	-	Industrial 3/8"	IRP 08	5 and 0.01	ISI 08	53	<b>PTC IS8</b>
		11.929	16.417	-	Automotive 1/4"	URP 06	5 and 0.01	USI 06	29.4	<b>PTC US</b>
		11.929	16.417	-	Automotive 3/8"	URP 08	5 and 0.01	ISI 08	53	<b>PTC US8</b>
		11.929	16.417	-	High Flow 3/8"	ERP 07	5 and 0.01	ESI 07	64.3	<b>PTC ES</b>
		11.929	16.417	-	ARO 210 1/4"	ARP 06	5 and 0.01	ASI 06	28.3	<b>PTC AS</b>
Equipped with a solvent: 0-145 psi resistant glass gauge Inlet pressure: 174 psi Outlet pressure: 7-145 psi										

PAINTING

# AIR TREATMENT UNITS ON GANTRY


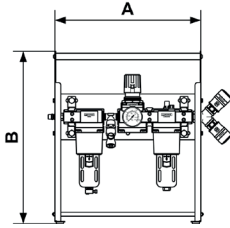
Temperature  
+41°F to +122°F

Construction  
Body: Aluminum  
Polycarbonate  
bowl with metallic  
protection


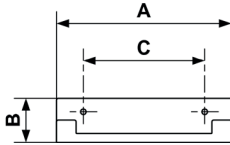
Highlight  
Easy to transport

Equipped with  
Coupler and plug


## FILTER-REGULATOR-LUBRICATOR ALTO 4 WITH A NON-LUBRICATED OUTLET ON A GANTRY

		A (inch)	B (inch)	C (inch)	Interchange	Inlet 1 plug	Filtration (µm)	Outlet 3 couplings	Flow rate (cfm at 87 bar ΔP= 8.7 bar)	Part Numbers
		HEAVY DUTY		17.638	20.575	-	Automotive 1/2"	URP 11	25	2x USI 11 1x USI 06 (non lubricated outlet)
Equipped with a pressure gauge 0-232 psi Inlet pressure: 174 psi Outlet pressure: 7-145 psi										

## WALL BRACKET FOR GANTRY


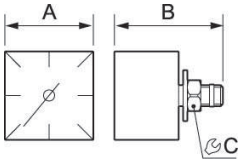
		A (inch)	B (inch)	C (inch)	Description	Part Numbers
			10.079	2.48	7.165	Wall bracket
Wall bracket is suitable for 2 gantry models						

## SET OF 4 CASTERS FOR GANTRY


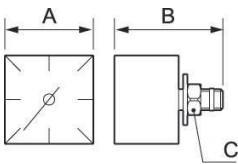
	A (inch)	B (inch)	C (inch)	Description	Part Numbers
		-	-	-	4 casters

# GAUGES


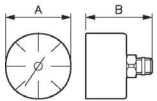
## SQUARE GAUGE 1/8" MNPT

		A (inch)	B (inch)	C (mm)	Graduation (psi)	Fastening NPT male thread	Construction	Part Numbers
		1.575	1.85	14	0-58	1/8" MNPT	Plexiglas dial	<b>MT CA0440T</b>
		1.575	1.85	14	0-87	1/8" MNPT	Plexiglas dial	<b>MT CA0640T</b>
		1.575	1.85	14	0-145	1/8" MNPT	Plexiglas dial	<b>MT CA1040T</b>
		1.575	1.85	14	0-232	1/8" MNPT	Plexiglas dial	<b>MT CA1640T</b>


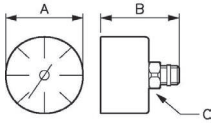
## SQUARE GAUGE 1/8" MBSP

		A (inch)	B (inch)	C (inch)	Graduation (psi)	Fastening BSPP male thread	Construction	Part Numbers
		1.575	1.85	0.551	0-58	1/8" MBSP	Plexiglas dial	<b>MT CA0440</b>
		1.575	1.85	0.551	0-87	1/8" MBSP	Plexiglas dial	<b>MT CA0640</b>
		1.575	1.85	0.551	0-145	1/8" MBSP	Plexiglas dial	<b>MT CA1040</b>
		1.575	1.85	0.551	0-232	1/8" MBSP	Plexiglas dial	<b>MT CA1640</b>
Presealed back entry								


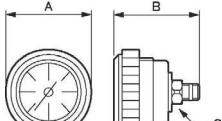
## ROUND GAUGE 1/8" MNPT

		A (inch)	B (inch)	C (inch)	Graduation (psi)	Fastening NPT male thread	Construction	Part Numbers
		0.866	0.906	-	0-174	1/8" MNPT	Plexiglas dial	<b>MT RA1023T</b>
Presealed back entry								

## ROUND GAUGE MNPT 1/4"

		A (inch)	B (inch)	C (mm)	Graduation (psi)	Fastening NPT male thread	Construction	Part Numbers
		1.969	1.693	14	0-58	1/4" MNPT	Plexiglas dial	<b>MT RA0450T</b>
		1.969	1.693	14	0-145	1/4" MNPT	Plexiglas dial	<b>MT RA1050T</b>
		1.969	1.693	14	0-363	1/4" MNPT	Plexiglas dial	<b>MT RA2550T</b>
Presealed back entry								

## GAUGE 1/8" MBSP

		A (inch)	B (inch)	C (inch)	Graduation (psi)	Fastening BSPP male thread	Construction	Part Numbers
		1.969	1.929	0.551	0 - 45	1/8" MBSP	Solvent resistant glass dial	<b>MT IA1040V</b>
Presealed back entry								



# 23 Micro Air filters

## Submicron filters **for compressed AIR**

**MICRO AIR** filters eliminate harmful agents in compressed air like solid particles, liquid particles and oil aerosols. With a filtration efficiency greater than **99.99%**, they guarantee high quality air with very little pressure loss.

### ■ IMPORTANT POINTS

- Deliver the level of filtration required for quality professional work.
- Extend the service life of the filter cartridges.
- Reduce pressure losses.
- Easy installation and maintenance.



### ■ HIGH-QUALITY FILTER MEDIA

The filter element consists of several components:

- The **pleated** main medium is made of HEPA-grade borosilicate glass microfiber and has a **filtration surface area 4.5 times larger than the one of conventional media**.
- Compared with conventional elements, it reduces pressure losses by 50% and offers 96% more retention capacity.
- The bowl guard is made of stainless steel.
- The polymer needle felt drainage sleeve ensures **complete coalescence** and is **highly resistant to compressor oils**.



### ■ EASY FILTER CARTRIDGE REPLACEMENT

- The nitrile gasket between the screw-on bowl and the end cap resists even the most aggressive chemicals.
- The shoulder inside the end cap prevents rotation and the insertion of elements of other shapes.
- Maximum safety: an audible alarm sounds if an attempt is made to remove the bowl under pressure.
- The molded aluminum housing and filter head are protected by a two-layer coating.

*The combination of oil, dust and water in compressed air is extremely corrosive. These contaminants can damage air systems and pneumatic tools, and adversely affect the quality of work.*

## ■ PATENTED VENTURI FILTER ELEMENT

- Specially designed nesting system allows turbulence free air to easily flow in and out of the filter.
- **Smoother air flows**
- **Steady flow rate**
- **Reduced pressure loss**
- The element rests inside the filter head.
- The nitrile seal guarantees an airtight push-fit connection, even when subjected to temperature variations or vibrations.
- The unique reinforced glass fiber end cap is color coded for easy identification of the element grade.
  - **White:** 1  $\mu\text{m}$  filtration
  - **Green:** 0.01  $\mu\text{m}$  filtration
  - **Black:** activated carbon



## ■ HIGH-ACCURACY PRESSURE GAUGES FITTED AS STANDARD

The pressure gauge indicates pressure loss and allows at-a-glance filter element condition checks. The needle moves to the red area when the filter element is completely clogged and requires changing (pressure loss equivalent to at least 6 psi).

- **MPI 1** clogging indicator for 1/4" FNPT to 3/4" FNPT models
- **MPI 2** differential pressure gauge for 1" FNPT to 3" FNPT models



## ■ EFFICIENT AUTOMATIC CONDENSATE DRAINS

- **MPD** automatic float drain on 1/4" FNPT to 2" FNPT models  
Bowl bottom port: female 1/8" FNPT



- **MPD X3** electric drain with capacitive sensor for 1/2" FNPT to 3" FNPT models  
Bowl bottom port: female 1/2" FNPT  
Allows condensates to drain without any loss of compressed air

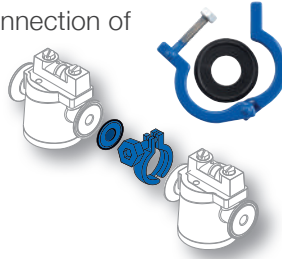


# MICRO AIR filters

## QUICK ASSEMBLY AND FASTENING

- **MPA** assembly clamp

- Ensures quick, easy connection of filters in series
- Nitrile side gaskets guarantee leak free performance



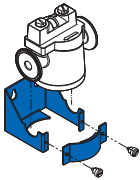

- **MPK** wall bracket

- Quick and easy wall mounting of filter modules - One bracket required for one filter - Two brackets required for two or more filters

- **MTS 103** adapter for quick assembly

- MTS 103 adapters, installed on a filter using MPA assembly clamps, provide a leak proof attachment between the filter and the network.
- The adapters have a 1/2" FNPT thread on the network side and are compatible with filter sizes from 1/4" FNPT to 1/2" FNPT



Assemblies	MPA assemblies	MPK brackets
		
1/4" FNPT, 3/8" FNPT, 1/2" FNPT	MPA 1	MPK 1
3/4" FNPT, 1" FNPT	MPA 2	MPK 2
1 1/2" FNPT, 2" FNPT	MPA 3	MPK 3
2 1/2" FNPT, 3" FNPT	MPA 4	MPK 4

## Filter types

Filter types	MFM filters Mechanical micro-filtration	MFB filters Submicron coalescing filtration	MFC filters Activated carbon - Adsorption filtration
<b>Properties</b>			
<b>Particle size*</b>	1 µm	0.01 µm	0.01 µm
<b>ISO 8573-1:2009 air quality class</b>	Solid particles: 2 Oil: 4	Solid particles: 1 Oil: 1	Solid particles: 1 Oil: 1
<b>Residual oil concentration at 68°F and 1 bar absolute</b>	2 mg/m <sup>3</sup>	< 0.01 mg/m <sup>3</sup>	< 0.004 mg/m <sup>3</sup> (oil vapour)
<b>Residual oil content in ppm</b>	≤ 0.5 ppm	≤ 0.01 ppm	≤ 0.003 ppm
<b>Minimum/maximum temperature</b>	34°F to 150°F	34°F to 150°F	34°F to 150°F
<b>Minimum working pressure</b> 2 bar 2 bar 2 bar	30 psi	30 psi	30 psi
<b>Maximum working pressure</b>	232 psi 160 psi from 2 1/2" FNPT model	232 psi 160 psi from 2 1/2" FNPT model	232 psi 160 psi from 2 1/2" FNPT model
<b>Inlet differential pressure:</b> Δ P dry air Δ P moist air	0.6 psi 1.5 psi	0.6 psi 1.7 psi	1 psi -
<b>Element color</b>	White	Green	Black
<b>Condensate drain</b>	Automatic float drain Electric drain from 2 1/2" FNPT model	Automatic float drain Electric drain from 2 1/2" FNPT model	-
<b>Filter element replacement</b>	Replacement frequency*: 6000 hours or once a year Replace if 6 psi differential pressure registered	Replacement frequency*: 3000 hours or once a year Replace if 6 psi differential pressure registered	Replacement frequency*: 1000 hours or once a year Replacement with prefilter (at 68°F air inlet temperature)

\*Liquid particles of 0.01 µm to 5 µm - Oil inlet concentration: 10 mg/m<sup>3</sup>

- The **Micro Air** line is tested and certified to **ISO 12500**.
- The stated values were measured in accordance with **ISO 12500 (parts 1, 2 and 3)**
- The air quality classes are those defined in **ISO 8573-1:2009**.

### Correction factors:

The treated flow rates stated for the **MFM**, **MFB** and **MFC** ranges are for a system pressure of 101 psi. The correction factors to be applied for different pressures are given in the table below.

Pressure (psi/bar)	psig	20	30	40	60	80	100	120	150	200	250
	barg	1.4	2.1	2.8	4.1	5.5	6.9	8.3	10.3	13.8	17.2
<b>Correction factor</b>		0.30	0.39	0.48	0.65	0.82	1.00	1.17	1.43	1.87	2.31

## MFM FILTERS

### Mechanical micron filtration

The filter removes suspended particles, traps them in the filter media and directs them into the bowl to be drained.

- Automatic float drain on 1/4" FNPT to 2" FNPT models
- Electric drain with capacitive sensor on 2 1/2" FNPT to 3" FNPT models

### MFM filter (1 µm):

- Traps all liquid and solid particles equal to or larger than 1µm.
- Removes over 99.999% of solid particles and over 80% of suspended oils.
- Ensures a residual oil content of less than 2 mg per m<sup>3</sup> at 68°F and at atmospheric pressure. Oil concentration 0.5 ppm
- Quality classes
  - Particles: Class 2
  - Oil: Class 4



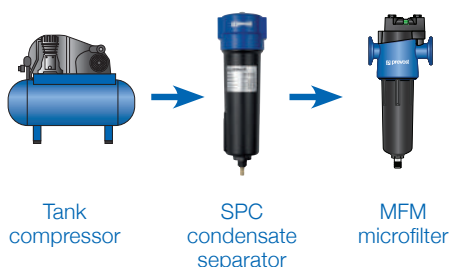
3/4" FNPT to 1" FNPT models

### MFM microfilter applications

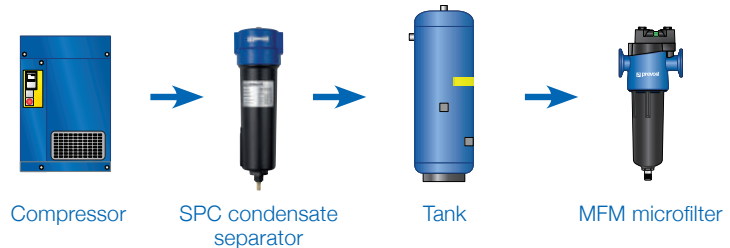
- Primary filter at the head-end of the system
- Post-filtration for adsorption dryers (dust filter)
- Prefiltration for submicron filters

## APPLICATIONS

Typical standard workshops



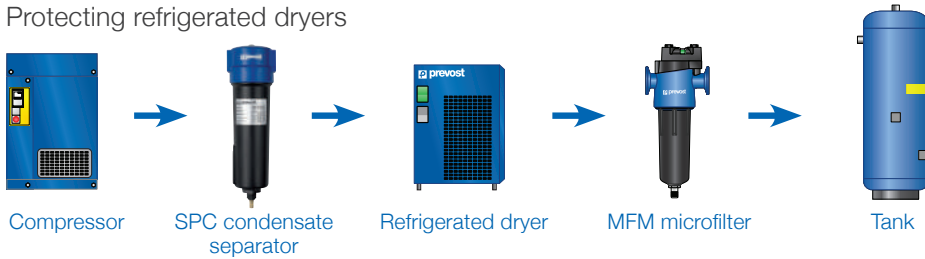
Standard small industry and auto repair workshops



# MICRO AIR filters

## ■ APPLICATIONS

Protecting refrigerated dryers



## ■ MFB FILTERS

### Submicron coalescing filtration

Coalescing filtration consists of two phases.

- In the first phase, contaminants are mechanically separated and solid particles of a particular size are trapped.
- In the second phase, molecules of oil and water suspended in the air flow are mixed together, or coalesced. This coalescence phase takes place in the sleeve, which discharges the mixture to the drain at the bottom of the filter.

- Automatic float drain on 1/4" FNPT to 2" FNPT models
- Electric drain with capacitive sensor on 2 1/2" FNPT to 3" FNPT models

### MFB submicron filter (0.01 µm):

- Traps all liquid and solid particles larger than 0.01µm.
- Removes over 99.999% of solid particles and over 99.9% of suspended oils.
- Ensures a residual oil content of less than 0.01 mg per m<sup>3</sup> at 68°F and at atmospheric pressure. Oil concentration 0.01 ppm
- Quality classes:
  - Particles: Class 1
  - Oil: Class 1



Model  
3/4" FNPT to 1" FNPT

### MFB submicron filter applications:

- Prefilter for membrane dryers
- Prefilter for activated carbon filters
- Prefilter for adsorption dryers
- Breathing air purification systems

## ■ APPLICATIONS

Protection of adsorption dryers/Storage of air free of dust, water and oil



## MFC FILTERS

### Activated carbon filtration

The activated carbon in the cartridge absorbs odors.

#### MFC filter:

- Traps solid particles larger than 0.01  $\mu\text{m}$ .
- Ensures a residual oil content of less than 0.004 mg per  $\text{m}^3$  (oil vapor) at 68°F and at atmospheric pressure. Oil concentration 0.003 ppm
- Eliminates odors carried by the air flow
- Quality classes:
  - Particles: Class 1
  - Oil: Class 1



Model  
3/4" FNPT to 1" FNPT

*A submicron coalescence prefilter must be fitted upstream of the activated carbon filter.*

*The activated carbon filter element must be changed when the submicron prefilter element is changed.*

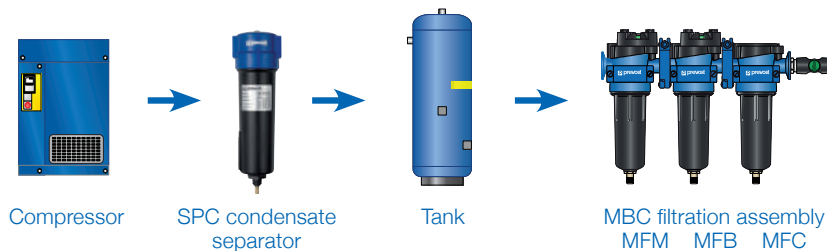
*This filter does not remove methane, carbon monoxide, carbon dioxide and other toxic gases and vapors.*

#### MFC activated carbon filter applications

- Contact with food products
- Contact with pharmaceutical products
- Air used for technical and testing purposes
- Air used for paint spraying (HVLP)
- Breathing air purification systems

## APPLICATIONS

Paint and body shops



# MICRO AIR filters

## Special filtration systems for paint booth applications: MBR - MBC - MBCR

For a high quality paint finish air must be free of dust, oil and silicone.

### SPECIAL FILTRATION ASSEMBLIES FOR WATER-BASED PAINT SPRAY GUNS

- Excellent filtration for high-quality paint finishes
- Contaminants flushed out by automatic float drain
- Items delivered in kit:
  - wall bracket
  - air outlet quick couplings

Depending on the model:

- pressure regulator with pressure gauge
- activated carbon filter



MBR

The regulator adjusts the pressure supplied to the gun. It is fitted with a pressure gauge with a glass dial for protection against damage from solvents or other diluents.

New, water based paints are highly sensitive to contaminants such as water, oil vapor and fine dust. Activated carbon filters are the best treatment for these contaminants and will reduce amounts to residual levels of 0.004 mg/m<sup>3</sup> air.



MBCR



MBC

#### Assemblies with **prevoS1** couplings:

- Anti-static
- Non-scratch
- Lightweight, high flow
- Silicone-free
- Anti-hose whip
- ATEX

Available with the following profiles:

#### Industrial



#### High Flow



#### Automotive



To avoid any risk of contamination between the filters and the spray guns, install the **MBR** and **MBCR** filtration assemblies as close to paint booths as possible. They may be installed directly inside paint booths

# MFM SERIES MICRONIC FILTER

Max operating pressure  
232 psi, 160 psi  
for 1.1/2" to 3"


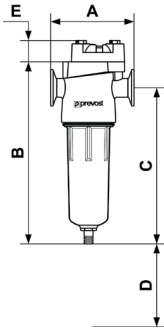
Temperature  
+34°F to +150°F

Construction  
Aluminum body  
and bowl

Filtration  
1 µm

Equipped with  
Automatic float  
drain

## MICRON FILTER - FILTRATION THRESHOLD: 1 µm


			A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Female thread (NPT)	Flow rate (cfm at 100 psi)	Replacement filter cartridge	Part Numbers
			4.472	8.091	6.748	2.992	1.181	1/4" FNPT	20	MFMC 101	<b>MFM 1201</b>
4.472	8.091	6.748	2.992	1.181	3/8" FNPT	35	MFMC 102	<b>MFM 1202</b>			
4.472	9.921	8.52	2.992	1.181	1/2" FNPT	50	MFMC 103	<b>MFM 1203</b>			
5.197	10.319	8.654	2.992	1.181	3/4" FNPT	75	MFMC 104	<b>MFM 1204</b>			
5.197	10.319	8.654	2.992	1.181	3/4" FNPT	103	MFMC 105	<b>MFM 1205</b>			
5.197	12.839	9.402	2.992	2.362	1" FNPT	157	MFMC 106	<b>MFM 1206</b>			
7.874	13.256	10.87	2.992	2.362	1" 1/2 FNPT	257	MFMC 107	<b>MFM 1207</b>			
7.874	17.075	14.689	2.992	2.362	1" 1/2 FNPT	360	MFMC 108	<b>MFM 1208</b>			
7.874	22.283	19.898	2.992	2.362	2" FNPT	401	MFMC 109	<b>MFM 1209</b>			
9.087	24.976	21.654	2.992	2.362	2" 1/2 FNPT	584	MFMC 110	<b>MFM 1210</b>			
9.087	24.976	21.654	2.992	2.362	2" 1/2 FNPT	775	MFMC 111	<b>MFM 1211</b>			
9.087	24.976	21.654	2.992	2.362	2" 1/2 FNPT	1029	MFMC 112	<b>MFM 1212</b>			
9.087	32.169	28.846	2.992	2.362	3" FNPT	1199	MFMC 113	<b>MFM 1213</b>			
9.087	42.72	39.398	2.992	2.362	3" FNPT	1499	MFMC 114	<b>MFM 1214</b>			

Filtration threshold: 1 µm

# REPLACEMENT CARTRIDGE FOR MICRONIC FILTERS - MFM SERIES

Filtration  
1 µm

## REPLACEMENT CARTRIDGE FOR MFM REGULAR FILTRATION 1 µm

	Filter reference	Part Numbers
	MFM 101	<b>MFMC 101</b>
MFM 102	<b>MFMC 102</b>	
MFM 103	<b>MFMC 103</b>	
MFM 104	<b>MFMC 104</b>	
MFM 105	<b>MFMC 105</b>	
MFM 106	<b>MFMC 106</b>	
MFM 107	<b>MFMC 107</b>	
MFM 108	<b>MFMC 108</b>	
MFM 109	<b>MFMC 109</b>	
MFM 110	<b>MFMC 110</b>	
MFM 111	<b>MFMC 111</b>	
MFM 112	<b>MFMC 112</b>	
MFM 113	<b>MFMC 113</b>	
MFM 114	<b>MFMC 114</b>	



# MFB SERIES SUB-MICRONIC FILTER

Max operating pressure  
232 psi, 160 psi  
for 1.1/2" to 3"

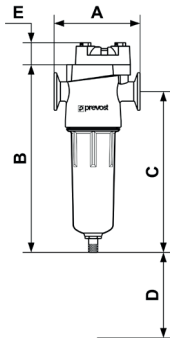
Temperature  
+34°F to +150°F

Construction  
Aluminum body  
and bowl

Filtration  
0.01 µm

Equipped with  
Automatic float  
drain

## MFB SUB-MICRONIC FILTER - COALESCING FILTER 0.01 µm



A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	Female thread (NPT)	Flow rate (cfm at 100 psi)	Replacement filter cartridge	Part Numbers
4.472	8.091	6.748	2.992	1.181	1/4" FNPT	20	MFBC 201	<b>MFB 2201</b>
4.472	8.091	6.748	2.992	1.181	3/8" FNPT	35	MFBC 202	<b>MFB 2202</b>
4.472	9.921	8.52	2.992	1.181	1/2" FNPT	50	MFBC 203	<b>MFB 2203</b>
5.197	10.319	8.654	2.992	1.181	3/4" FNPT	75	MFBC 204	<b>MFB 2204</b>
5.197	10.319	8.654	2.992	1.181	3/4" FNPT	103	MFBC 205	<b>MFB 2205</b>
5.197	12.839	9.402	2.992	2.362	1" FNPT	157	MFBC 206	<b>MFB 2206</b>
7.874	13.256	10.87	2.992	2.362	1" 1/2 FNPT	257	MFBC 207	<b>MFB 2207</b>
7.874	17.075	14.689	2.992	2.362	1" 1/2 FNPT	360	MFBC 208	<b>MFB 2208</b>
7.874	22.283	19.898	2.992	2.362	2" FNPT	401	MFBC 209	<b>MFB 2209</b>
9.087	24.976	21.654	2.992	2.362	2" 1/2 FNPT	584	MFBC 210	<b>MFB 2210</b>
9.087	24.976	21.654	2.992	2.362	2" 1/2 FNPT	775	MFBC 211	<b>MFB 2211</b>
9.087	24.976	21.654	2.992	2.362	2" 1/2 FNPT	1029	MFBC 212	<b>MFB 2212</b>
9.087	32.169	28.846	2.992	2.362	3" FNPT	1199	MFBC 213	<b>MFB 2213</b>
9.087	42.72	39.398	2.992	2.362	3" FNPT	1499	MFBC 214	<b>MFB 2214</b>

Filtration threshold: 0.01 µm

# REPLACEMENT CARTRIDGE FOR SUB-MICRONIC FILTER - MFB SERIES

Filtration  
0.01 µm

## REPLACEMENT CARTRIDGE FOR MFB SUBMICRONIC FILTER - COALESCING FILTER: 0.01 µm



Filter reference	Part Numbers
MFB 201	<b>MFBC 201</b>
MFB 202	<b>MFBC 202</b>
MFB 203	<b>MFBC 203</b>
MFB 204	<b>MFBC 204</b>
MFB 205	<b>MFBC 205</b>
MFB 206	<b>MFBC 206</b>
MFB 207	<b>MFBC 207</b>
MFB 208	<b>MFBC 208</b>
MFB 209	<b>MFBC 209</b>
MFB 210	<b>MFBC 210</b>
MFB 211	<b>MFBC 211</b>
MFB 212	<b>MFBC 212</b>
MFB 213	<b>MFBC 213</b>
MFB 214	<b>MFBC 214</b>

# MFC SERIES ACTIVATED CARBON FILTER


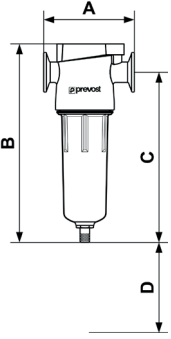
Max operating pressure  
232 psi, 160 psi  
for 1.1/2" to 3"

Temperature  
+34°F to +150°F

Construction  
Aluminum body  
and bowl

Filtration  
Activated carbon  
filter

## MFC ACTIVATED CARBON FILTRATION


			A (inch)	B (inch)	C (inch)	D (inch)	Female thread (NPT)	Flow rate (cfm at 100 psi)	Replacement filter cartridge	Part Numbers
			4.472	8.091	6.748	2.992	1/4" FNPT	20	MFCC 301	<b>MFC 3201</b>
4.472	8.091	6.748	2.992	3/8" FNPT	35	MFCC 302	<b>MFC 3202</b>			
4.472	9.921	8.52	2.992	1/2" FNPT	50	MFCC 303	<b>MFC 3203</b>			
5.197	10.319	8.654	2.992	3/4" FNPT	75	MFCC 304	<b>MFC 3204</b>			
5.197	10.319	8.654	2.992	3/4" FNPT	103	MFCC 305	<b>MFC 3205</b>			
5.197	12.839	9.402	2.992	1" FNPT	157	MFCC 306	<b>MFC 3206</b>			
7.874	13.256	10.87	2.992	1" 1/2 FNPT	257	MFCC 307	<b>MFC 3207</b>			
7.874	17.075	14.689	2.992	1" 1/2 FNPT	360	MFCC 308	<b>MFC 3208</b>			
7.874	22.283	19.898	2.992	2" FNPT	401	MFCC 309	<b>MFC 3209</b>			
9.087	24.976	21.654	2.992	2" 1/2 FNPT	584	MFCC 310	<b>MFC 3210</b>			
9.087	24.976	21.654	2.992	2" 1/2 FNPT	775	MFCC 311	<b>MFC 3211</b>			
9.087	24.976	21.654	2.992	2" 1/2 FNPT	1029	MFCC 312	<b>MFC 3212</b>			
9.087	32.169	28.846	2.992	3" FNPT	1199	MFCC 313	<b>MFC 3213</b>			
9.087	42.72	39.398	2.992	3" FNPT	1499	MFCC 314	<b>MFC 3214</b>			

Filters and deodorizes compressed air  
To use with MFM - MFB upstream

# REPLACEMENT CARTRIDGE FOR ACTIVATED CARBON FILTER - MFC SERIES


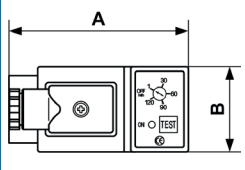
Filtration  
Activated carbon  
filter

## REPLACEMENT CARTRIDGE FOR MFC ACTIVATED CARBON FILTRATION


	Filter reference	Part Numbers
	MFC 301	<b>MFCC 301</b>
MFC 302	<b>MFCC 302</b>	
MFC 303	<b>MFCC 303</b>	
MFC 304	<b>MFCC 304</b>	
MFC 305	<b>MFCC 305</b>	
MFC 306	<b>MFCC 306</b>	
MFC 307	<b>MFCC 307</b>	
MFC 308	<b>MFCC 308</b>	
MFC 309	<b>MFCC 309</b>	
MFC 310	<b>MFCC 310</b>	
MFC 311	<b>MFCC 311</b>	
MFC 312	<b>MFCC 312</b>	
MFC 313	<b>MFCC 313</b>	
MFC 314	<b>MFCC 314</b>	

# MICRO AIR ACCESSORIES AND PARTS


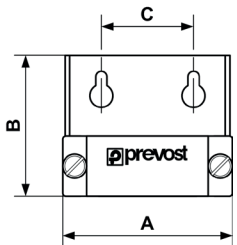
## MINI ELECTRONIC DRAINS

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Supply voltage</b>	<b>Operation</b>	<b>NPT female thread</b>	<b>Part Numbers</b>
		3.228	1.496	-	110 V	Manual opening test	1/8" FNPT	<b>TEMP MN115V</b>

## ASSEMBLY KIT FOR MICRO FILTERS

	<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Compatible with</b>	<b>Part Numbers</b>
	-	-	-	For filters 1/4" to 1/2" FNPT	<b>MPA 1</b>
	-	-	-	For filters 3/4" to 1" FNPT	<b>MPA 2</b>
	-	-	-	For filters 1" 1/2 to 2" FNPT	<b>MPA 3</b>
	-	-	-	For filters 2" 1/2 to 3" FNPT	<b>MPA 4</b>
	-	-	-	Seal for MPA 1 assembly	<b>MPA J1</b>
	-	-	-	Seal for MPA 2 assembly	<b>MPA J2</b>
	-	-	-	Seal for MPA 3 assembly	<b>MPA J3</b>
	-	-	-	Seal for MPA 4 assembly	<b>MPA J4</b>

## WALL BRACKET FOR MICRO FILTERS

		<b>A (inch)</b>	<b>B (inch)</b>	<b>C (inch)</b>	<b>Compatible with</b>	<b>Part Numbers</b>
		3.307	2.756	1.969	For filters: 1/4" to 1/2" FNPT	<b>MPK 1</b>
		3.976	3.189	1.969	For filters: 3/4" to 1" FNPT	<b>MPK 2</b>
		5.906	4.291	3.425	For filters: 1" 1/2 to 2" FNPT	<b>MPK 3</b>
		7.48	5.512	3.937	For filters: 2" 1/2 to 3" FNPT	<b>MPK 4</b>

### FLOAT DRAIN FOR MICRO FILTERS



A (inch)	B (inch)	C (inch)	Compatible with	Part Numbers
-	-	-	For microfilters for 1/4" to 2" FNPT	<b>MPD</b>

### SPARE PARTS: ELECTRIC DRAIN



A (inch)	B (inch)	C (inch)	Compatible with	Part Numbers
-	-	-	For filters: 2" 1/2 to 3" FNPT	<b>MPD X3</b>
-	-	-	Maintenance kit for Micro filter magnetic drain	<b>MPD X3KIT</b>

### CLOG INDICATOR FOR MICRO FILTERS



A (inch)	B (inch)	C (inch)	Compatible with	Part Numbers
-	-	-	(1) Clogging indicator for filters: 1/4" to 3/4" FNPT	<b>MPI 1</b>
-	-	-	(2) Differential pressure gauge for filters: 1" to 3" FNPT	<b>MPI 2</b>

# MICRO AIR COMBINATION FILTER / REGULATOR


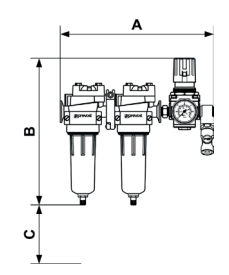
Operating pressure  
29 to 174 psi

Temperature  
+34°F to +150°F


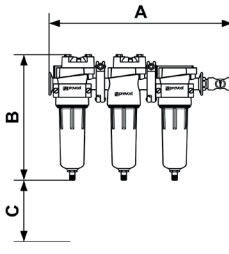
Construction  
Aluminum body  
and bowl

Equipped with  
Quick release  
safety couplings  
and adapters  
**prevoS1**


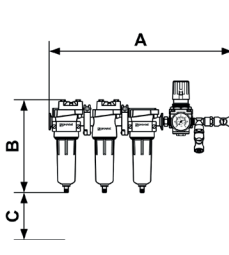
## COMBINATION FILTER REGULATOR

		A (inch)	B (inch)	C (inch)	Interchange	Inlet NPT female thread	Outlet 1 coupling	Flow rate (cfm at 100 psi)	Part Numbers
		12.323	12.992	4.016	Industrial 1/4"	1/2" FNPT	ISI 06	50	<b>MBR 203IS</b>
		12.323	12.992	4.016	Automotive 1/4"	1/2" FNPT	USI 06	50	<b>MBR 203US</b>
		12.323	12.992	4.016	High Flow 3/8"	1/2" FNPT	ESI 07	50	<b>MBR 203ES</b>
Combination fitted sealed with: - 1 MFM micron filter - 1 µm - 1 MFB sub-micron filter- 0.01 µm - 1 regulator with gauge (glass dial) - 1 safety quick coupling <b>prevoS1</b> - 1 wall bracket Filter-regulator unit eliminates silicon cratering, micro-bubbles and other surface defects to create professional quality paint finishes.									
<b>PAINTING</b>									

## COMBINATION SUBMICRON FILTERS

		A (inch)	B (inch)	C (inch)	Interchange	Inlet NPT female thread	Outlet 1 coupling	Flow rate (cfm at 100 psi)	Part Numbers
		12.323	12.992	4.016	Industrial 1/4"	1/2" FNPT	ISI 06	50	<b>MBC 203IS</b>
		12.323	12.992	4.016	Automotive 1/4"	1/2" FNPT	USI 06	50	<b>MBC 203US</b>
		12.323	12.992	4.016	High Flow 3/8"	1/2" FNPT	ESI 07	50	<b>MBC 203ES</b>
Combination fitted sealed with: - 1 MFM micron filter - 1 µm - 1 MFB sub-micron filter- 0.01 µm - 1 MFC activated carbon filter - Oil separation: 0.004 mg/m <sup>3</sup> - 1 wall bracket - 1 Safety quick-coupling <b>prevoS1</b> Filter-regulator unit eliminates silicon cratering, micro-bubbles and other surface defects to create professional quality paint finishes.									
<b>PAINTING</b>									

## COMBINATION SUB-MICRONIC FILTERS

		A (inch)	B (inch)	C (inch)	Interchange	Inlet NPT female thread	Outlet 2 couplings	Flow rate (cfm at 100 psi)	Part Numbers
		12.323	12.992	4.016	Industrial 1/4"	1/2" FNPT	ISI 06	50	<b>MBCR 203IS</b>
		12.323	12.992	4.016	Automotive 1/4"	1/2" FNPT	USI 06	50	<b>MBCR 203US</b>
		12.323	12.992	4.016	High Flow 3/8"	1/2" FNPT	ESI 07	50	<b>MBCR 203ES</b>
Combination fitted sealed with: - 1 MFM micron filter - 1 µm - 1 MFB sub-micron filter- 0.01 µm - 1 MFC activated carbon filter - Efficiency: 99.999 % - Oil separation: 0.004 mg/m <sup>3</sup> - 1 regulator with gauge (glass dial) - 1 wall bracket - 2 safety quick-couplings <b>prevoS1</b> Filter-regulator unit eliminates silicon cratering, micro-bubbles and other surface defects to create professional quality paint finishes.									
<b>PAINTING</b>									

# 24

# Separators and drain systems

## Separators

Condensates collected by filtration or separation within the air network should be released quickly and effectively to avoid contaminants in the system that negatively affect the air tools.

Drains offer an effective solution for releasing waste.

The type of drain used is dependent on the scale of the network, the location to be equipped and the accessibility of the air line.



It is essential to install drains for effective compressed air filtration.  
A properly equipped network will efficiently power pneumatic tools and enhance work performance.

# Separators and drain systems

## 1 Automatic drain cyclone separator **SPC**

### LOCATION

Compressor outlet, tank outlet, prefilter for refrigerated dryers or submicron filters.

### OPERATION

The cyclone separator is designed for the efficient separation and elimination of the largest solid particles as well as water droplets in compressed air.

Inside the tank, a fin system drives the compressed air in a rotational movement.

Particulate matter is projected against the walls of the tank, under the effect of centrifugal force, then guided towards the base.

Condensates are then drained via the automatic float drain.



### ADVANTAGES

- Dual action: separation and discharge.
- Possible high inlet temperature.
- Sturdy construction.
- Advantages of float drains.
- Cost-effective and dependable operation.

### TECHNICAL SPECIFICATIONS

Applications for flow rates from 91 to 753 cfm and for all industries.

Operating pressure ..... 0 to 232 psi

Temperature ..... +34°F to 149°F

Body construction..... Anodized aluminum

External coating ... Polyester-based epoxy paint

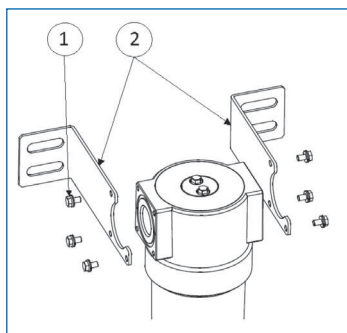
Tank gasket material ..... NBR

Cyclone component ..... PA6 30% glass fiber, steel

Separation: Greater than 98% at nominal flow rate and at 100 psi, temperature 68°F, particle size from 10 µm to 60 µm.

Classification according to ISO 8573-1

Water: Class 8



Optional: wall mounting kit, part number SPC K

## 2 Magnetic float drain - PMA 201T

### LOCATION

Low points, filter tanks of all kinds.

### OPERATION

Condensates are automatically drained via a magnetic valve.

When a certain water level is reached, the float opens the magnetic valve.

Once the water has been discharged, the float falls and closes the valve.

### ADVANTAGES

- No loss of compressed air
- No electrical power supply
- No adjustment
- Servicing limited to simple cleaning
- High discharge capacity
- Corrosion-resistant aluminum body
- No risk of condensates forming an emulsion

### TECHNICAL SPECIFICATIONS

Inlet connection	1/2" FNPT
Outlet connection	1/8" FNPT
Max. working temp.	122°F
Min. working temp.	37°F
Max. operating temperature	212°F
Max. operating pressure	232 psi
Clearance	0.08"
Body material:	corrosion-resistant aluminum



## 3 Electromagnetic drain valve - PDE 100T

### LOCATION

Dryers, separators, low points on networks

### OPERATION

When the level of contaminants reaches a certain height within the bowl, the drain float reaches its top position and sends a magnetic pulse to the control valve (electrical control) which opens, draining the condensates without any loss of compressed air. The outlet closes once draining is complete.



### ADVANTAGES

- No loss of compressed air and no turbulence during condensate draining.
- Treatment of condensates for decantation.

*The PDE 100 drain is supplied with a male/male equal union and a pushfit fitting for connection of an 8 mm (0.31") polyamide tube (allows immediate connection of a drain hose).*

### TECHNICAL SPECIFICATIONS

Air inlet connection:	1/2" FNPT male coupling
Condensate drain connection:	.....
Push-fit fitting	..... for 8 mm (0.31") polyurethane or polyamide tubing
Temperature	..... 36°F to 140°F
Operating pressure	..... 3 to 232 psi
Power supply voltage	...230 V AC (50/60 Hz)
Protection rating	.....IP 65
Discharge capacity	..... 1.35 gal/h



# Separators and drain systems

## 4 Timed electric drain - TEMP

### LOCATION

Low points, compressor tanks, dryers, separators, filters.



### OPERATION

Equipped with a timer and a solenoid valve, the timed electric drains open and discharge accumulated contaminants based on an adjustable time switch.

### ADVANTAGES

**Depending on the degree of contamination and humidity in the atmosphere:**

- Choice of drain valve opening time
- Choice of drain valve opening frequency
- Compact assembly
- Can be integrated in all positions at all points of use

### TECHNICAL SPECIFICATIONS

Interval duration .....	0.5 - 45 minutes
Discharge time .....	0.5 - 10 seconds
Voltage options .....	24 - 240 V AC/DC
.....	50-60 Hz (± 10%)
Timer housing .....	ABS plastic FR classified
Connection .....	DIN 43650A / ISO 4400
Indicators .....	LED (yellow) ON/OFF
Valve type .....	2/2 - directly controlled
Max. pressure .....	232 psi
Min./max. temp.....	35°F to 134°F ambient
Max. fluid temperature .....	194°F
Brass solenoid valve, port .....	5/32"
Coil insulation . .....	Degree -H
Environmental protection .....	IP65



## 5 Float drain - PAM 203

### LOCATION

Low points, line ends.

### OPERATION

Depending on the water level in the drain bowl, the float raises and opens the bowl. Once the condensates have drained, the float lowers and closes the port.



### ADVANTAGES

- Automatic, standalone drain
- No loss of compressed air
- Discharge of impure water (oil)
- Sturdy construction

### TECHNICAL SPECIFICATIONS

Min./max. working pressures .....	29 to 174 psi
Min./max. temperature .....	35°F to 136°F
Inlet connection .....	1/2" FNPT
Drain outlet .....	5/16"
Bowl capacity .....	4 Oz
Bowl and cover material .....	Zinc
Max. temperature .....	212°F
Clearance .....	0.08"

# PROGRAMMABLE ELECTRONIC DRAINS

Operating pressure  
0 to 232 psi

ID Passage  
5/32"


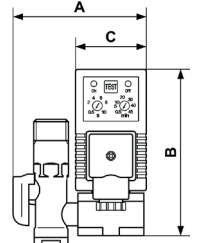
Temperature  
+35°F to +131°F

Drain cycle  
0.5 - 45 min


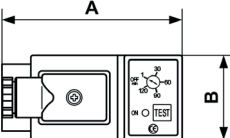
Drain opening  
0.5 - 10 sec

Supply voltage  
24 - 220 V  
50/60 HZ


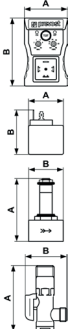
## ECONOMY SERIES COMPLETE AUTOMATIC DRAIN VALVE KIT

		A (inch)	B (inch)	Inlet NPT male thread	Outlet NPT female thread	Supply voltage	Part Numbers
		-	-	3/8" FNPT	3/8" FNPT	110 V - 50/60 Hz	<b>TEMP 202115COLS</b>
Includes: - Programmable timer - Solenoid for evacuating condensates - Drain trap with 1/4 turn shut-off valve - ID passage: 5/32" - Temperature: +35°F to +131°F - Drain opening: 0.5-10 sec - Drain cycle: 0.5-45 min							


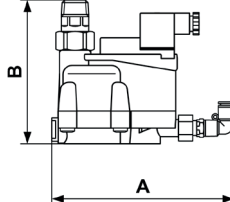
## MINI ELECTRONIC DRAINS

		A (inch)	B (inch)	Supply voltage	Operation	NPT female thread	Part Numbers
		3.228	1.496	110 V	Manual opening test	1/8" FNPT	<b>TEMP MN115V</b>

## PARTS FOR PROGRAMMABLE ELECTRONIC DRAIN

		A (inch)	B (inch)	Description	Fastening NPT male thread	Part Numbers
		1.614	2.087	(2) Coil	110V-50/60 Hz	<b>BOB 110VA</b>
3.15	1.575	(3) Solenoid	1/4" FNPT	<b>ELV 201</b>		
3.15	1.575	(3) Solenoid	3/8" FNPT	<b>ELV 202</b>		
3.15	1.811	(3) Solenoid	1/2" FNPT	<b>ELV 203</b>		
3.858	2.362	(4) Impurity collector	1/2" MNPT x 3/8" MNPT	<b>COL 253252</b>		
1.771	0.984	(5) Power connector		<b>TEMP CONNECT</b>		

## ELECTRIC DRAIN VALVE W/ FLOAT AND PILOT VALVE

		A (inch)	B (inch)	Inlet NPT male thread	Outlet Ø	Removal capacity (gal/h)	Operating pressure (psi)	Protection rating	Supply voltage (V)	Temperature	Description	Part Numbers
		-	-									
6.102	4.803	1/2" MNPT	Ø 8 mm	1.35	3-232	IP 65	115 AC (50/60Hz)	36 - 140° F				<b>PDE 100T</b>
Meets Pressure Equipment Directive 2014/68/CE												

# WATER SEPARATOR

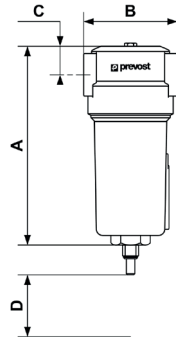
Max operating pressure  
232 psi

Temperature  
+34°F to +149°F

Construction  
Anodized Aluminum

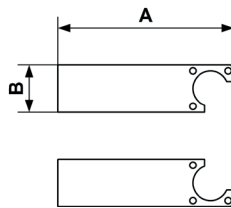
Equipped with  
Automatic float drain

## CYCLONIC WATER SEPARATOR W/ FLOAT DRAIN



A (inch)	B (inch)	C (inch)	D (inch)	Female thread (NPT)	Flow rate (cfm)	Part Numbers
7.362	3.465	0.787	2.362	1/2" FNPT	91	<b>SPC 155T</b>
10.118	3.465	0.787	3.15	3/4" FNPT	138	<b>SPC 235T</b>
10.354	4.921	1.26	3.937	1" FNPT	215	<b>SPC 365T</b>
18.15	4.921	1.26	5.512	1" 1/2 FNPT	452	<b>SPC 770T</b>
26.929	6.417	1.693	20.472	2" FNPT	753	<b>SPC 1280T</b>

## WALL BRACKET FOR SPC SEPARATOR



A (inch)	B (inch)	C (inch)	D (inch)	Compatible with	Part Numbers
5.984	1.575	-	-	SPC 155T - SPC 235T	<b>SPC Q1</b>
7.441	2.52	-	-	SPC 365T - SPC 770T - SPC 1280T	<b>SPC Q2</b>

## DRAIN FOR SPC


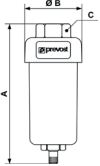


A (inch)	B (inch)	C (inch)	D (inch)	Description	Part Numbers
-	-	-	-	Drain for SPC	<b>SPC D</b>


# MECHANICAL DRAIN VALVES

Temperature  
+32°F to +176°F


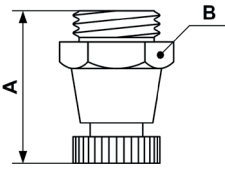
## AUTOMATIC MECHANICAL DRAIN VALVE

		A (inch)	B (inch)	C (mm)	NPT female thread	Drain outlet (in)	Operating pressure (psi)	Part Numbers
		5.236	2.087	1 - 1/8	1/2" FNPT	5/16"	29 to 174	<b>PAM 203</b>

## FLOAT FOR MECHANICAL DRAIN VALVE

	A (inch)	B (inch)	C (inch)	Description	Part Numbers
	-	-	-	Float drain for PAM 203 drain valve	<b>PAM FLO</b>

## MANUAL DRAIN

		A (inch)	B (inch)	C (inch)	BSP male thread	NPT male thread	Part Numbers
		0.906	0.591	-	1/4" MBSP		<b>MA 14</b>
		0.906	0.551	-		1/4" MNPT	<b>MA 14T</b>

MA 14 = used on the WK manifolds  
MA 14T = used on the MF manifolds


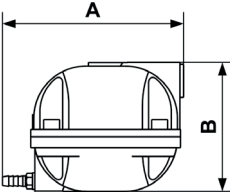
# MAGNETIC DRAIN

Max operating pressure  
232 psi

Temperature  
+35°F to +122°F

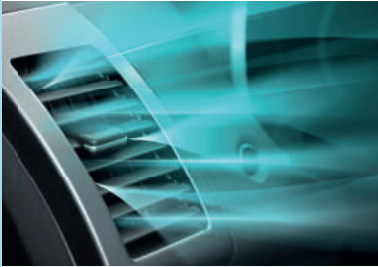
Construction  
Body: Aluminum

## MAGNETIC DRAIN CONDENSATE DRAINING

		A (inch)	B (inch)	Inlet NPT female thread	Drain outlet (in)	Condensates draining	Part Numbers
		5.709	4.134	2 connections 1/2" FNPT	1/16"	52.8 gal/hour	<b>PMA 201T</b>

Condensates are automatically drained by a magnetic valve.  
The valve opens when a float inside reaches a certain level and closes when the float drops back down.  
Zero air loss.  
No electricity required.

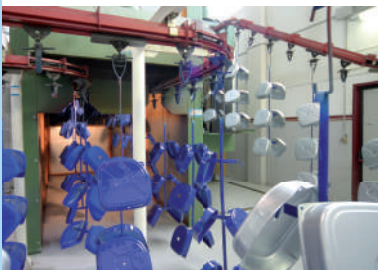
# Technical manual



A/ **COMPRESSED** AIR

B/ **COMPRESSED** AIR NETWORKS

C/ AIR TREATMENT/**FILTRATION**



D/ PAINTING **APPLICATIONS**

E/ PIPE **DIAMETER**



F/ FLOW RATES AND **PRESSURE LOSS**

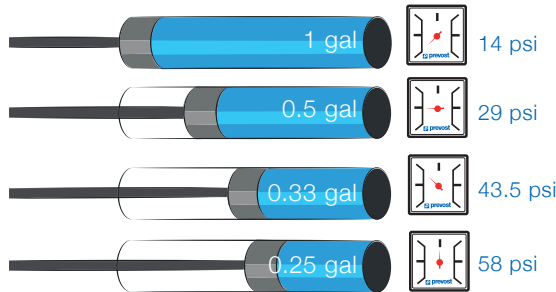
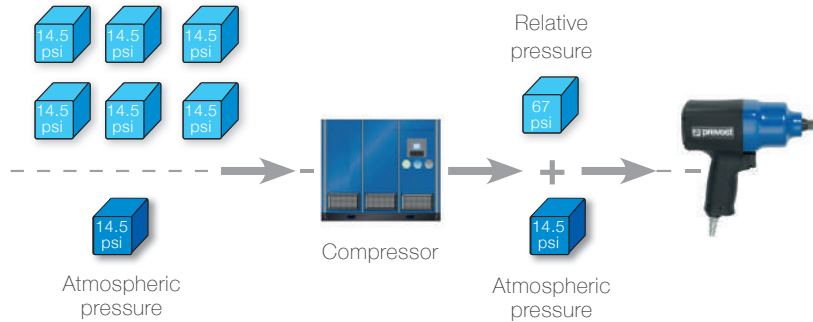
G/ STANDARDS AND **DIRECTIVES**

H/ CONVERSION **TABLES**

# A

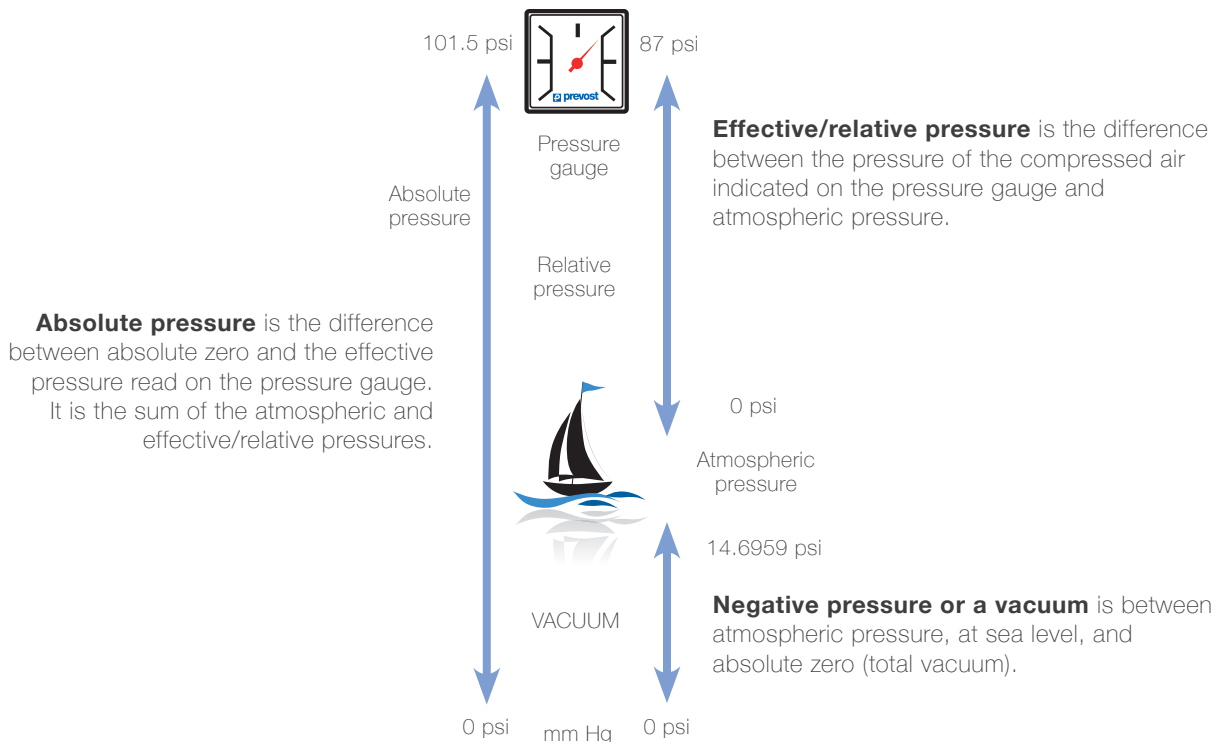
# Compressed air

## ■ WHAT IS COMPRESSED AIR?



The compression of air generates a transformation determined by the laws of thermodynamics. Boyle's law states that if a volume of gas (air) is reduced by compression, the pressure increases proportionally.

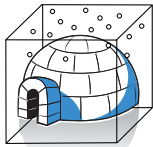
## ■ THE DIFFERENT LEVELS OF PRESSURE



# Compressed air

## ■ WHAT IS THE DEW POINT?

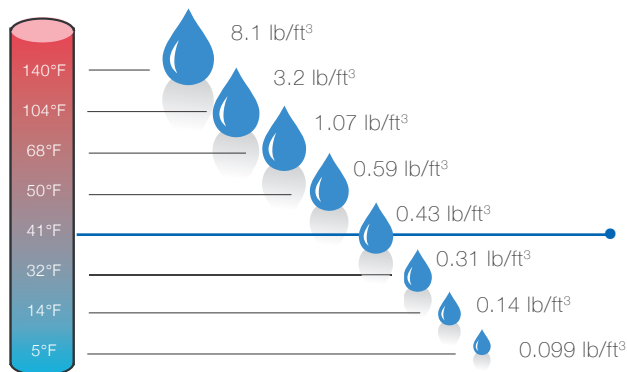
A given amount of air has a certain holding capacity for water vapor. After the holding capacity is reached, the additional water begins to condense and form a liquid. As temperatures increase, the holding capacity increases and more water can be held in the air as vapor. When temperatures decrease, the water will condense and form liquid.



At 5°F, 1 ft<sup>3</sup> of air at atmospheric pressure can hold  $0.099 \times 10^{-3}$  lb/ft<sup>3</sup> of water vapor, any excess amount will condense.  
Example: At the North Pole, the air is dry because the water it contained froze at ground level. This is **condensation**.



At 140°F, 1 ft<sup>3</sup> of air at atmospheric pressure can hold  $8.1 \times 10^{-3}$  lb/ft<sup>3</sup> of water vapor. After that point, any excess will evaporate.  
Example: In the desert, the air is so hot and dry it can hold an excessive amount of water. This is called **evaporation**.

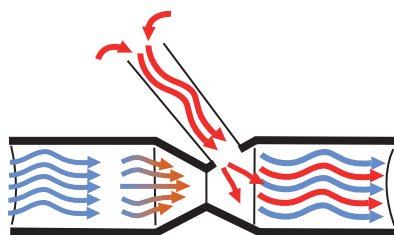


The **dew point** is when the air becomes saturated with water and droplets begin to condense and form a liquid.

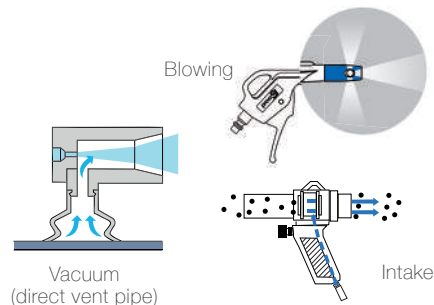
Maximum quantity of water (59 °F) vapor that cannot be contained in 1 ft<sup>3</sup> of air at atmospheric pressure and with 100% relative humidity.

## ■ WHAT IS THE VENTURI EFFECT?

The **Venturi effect** named after Italian physicist Giovanni Battista Venturi, is a fluid dynamics phenomenon where the movement of gas or liquid particles accelerates due to a reduction of the size of the pipe through which it is traveling. The Bernoulli principle helps to explain this effect: if the fluid flow rate is constant and the diameter is reduced, the speed then increases which creates a decrease in pressure.



**Venturi effect:** at the outlet from the constriction, the acceleration of the air creates a decrease in pressure. The pressure drop pulls in external air and is added to the original air flow. The additional air is supplied via a lateral pipe.



In pneumatics, the **Venturi effect** is used to increase blowing, generate a vacuum or draw in dust from the environment.

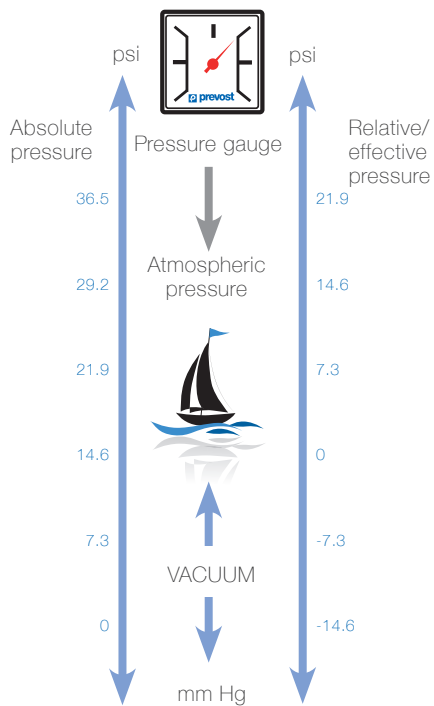
## ■ WHAT IS A VACUUM?

When air becomes thin or less dense, it forms a vacuum. By removing air from an enclosed space, a negative pressure (or vacuum) is created relative to the atmospheric pressure.

The level of vacuum can be expressed as:

- Level of negative pressure as a relative pressure value, in relation to the atmospheric pressure
- Level of vacuum as an absolute value (defined relative to absolute zero)

The standard unit used for a vacuum is the millimeter of mercury (mm Hg). A vacuum is commonly expressed in mbar or as a percentage.



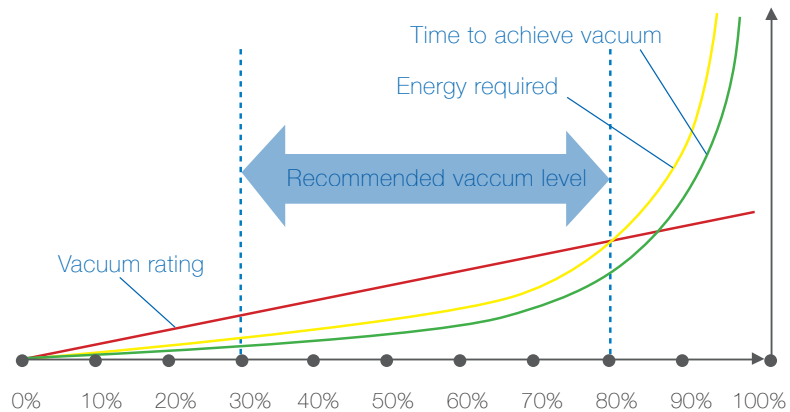
mm Hg	vacuum	mm Hg
750	0 %	0
675	10 %	75
600	20 %	150
525	30 %	225
450	40 %	300
375	50 %	375
300	60 %	450
225	70 %	525
150	80 %	600
75	90 %	675
0	100 %	750

Absolute pressure
Relative/effective pressure

The table above shows the correlation between pressures expressed in bar or mbar and the vacuum as a percentage.

**Note:** The relative or effective pressure corresponds to the reading on the pressure gauge, located on the tool or machine.

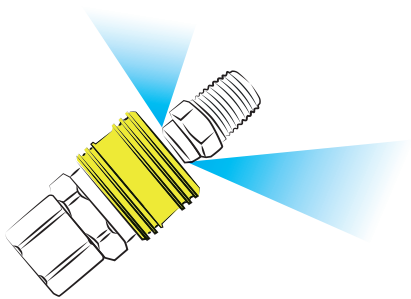
There is a tendency to think that the greater the vacuum, the better the result. However, the cost-efficiency ratio must also be taken into account. In doing so, it is determined that the best results are achieved when the vacuum is between 30% and 80%. In general, these are the values applied in the industrial sector.





## ■ HOW MUCH DOES A COMPRESSED AIR LEAK COST?

Leak in cfm		Diameter of leak in inch					
		0.02	0.04	0.08	0.12	0.16	0.20
Compressed air pressure in psi	15	0.12	0.47	2.00	4.53	8.59	15.18
	90	0.41	1.82	8.47	19.12	34.00	53.12
	100	0.59	2.41	9.71	21.88	38.88	60.71
	120	0.71	2.71	10.94	24.59	43.71	68.29
	150	0.76	3.06	12.12	27.29	48.59	75.88
	175	0.82	3.35	13.35	30.60	53.41	83.47
	200	1.00	3.94	15.76	35.53	63.12	98.65



One leaking coupling represents on average an opening of 0.02 inch  
 At 100 psi, this corresponds to a leak of 0.59 cfm  
 The energy cost of 100 cfm of compressed air is 0.008 USD

For 1 hour = 0.008 USD  
 For 8 hours = 0.064 USD  
 For 24 hours = 0.20 USD  
**For 1 year = 70.98 USD**

# B

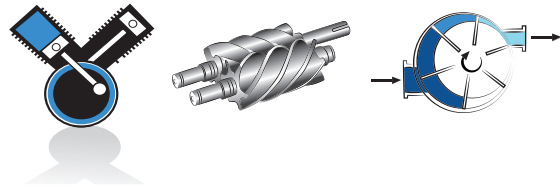
# Compressed air networks

## ■ NETWORK DESIGN CHECKLIST

The topics below must be considered during an initial site visit for a new installation or network.

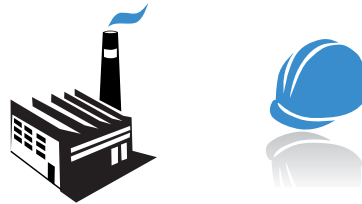
### COMPRESSOR(S)

- Piston, screw, vane or other
- Power (HP)
- Pressure (psi)
- One or several compressors
- If several, working together or separately?
- Age of compressor(s)



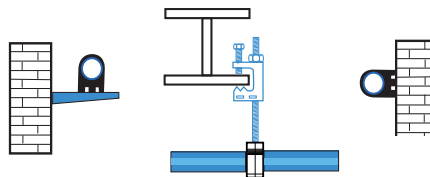
### ACTIVITY

- Business area or industry
- Number of operators using the network
- Future plans to expand workforce
- Type of pneumatic applications being used



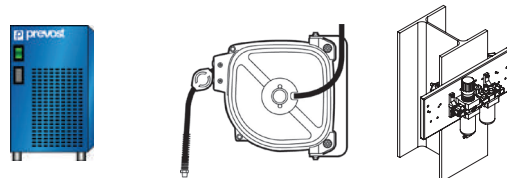
### BUILDING

- Length of the main line (on site or on diagram)
- Type of bracket
- Hard to access areas
- Maximum ambient temperature
- Minimum ambient temperature
- Plans to expand the building, thus increasing the network



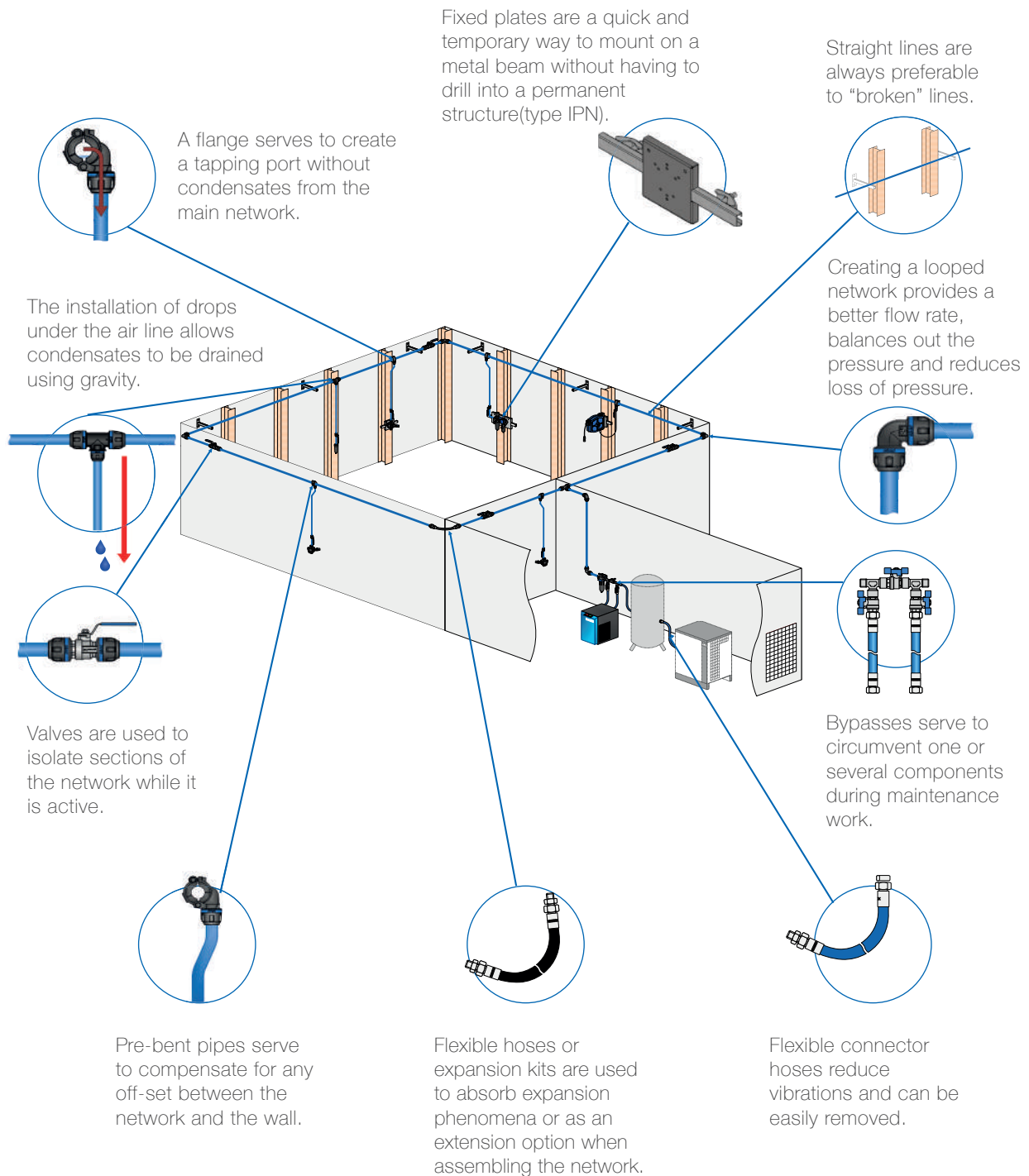
### OPTIONS

- Dryers
- Hose reels
- Plates
- Additional accessories



# Compressed air networks

## ■ GUIDELINES FOR INSTALLING A PREVOST COMPRESSED AIR NETWORK



## PIPE SELECTION FOR COMPRESSED AIR NETWORKS

Before undertaking any compressed air network calculations, you must first choose the type of pipe material.



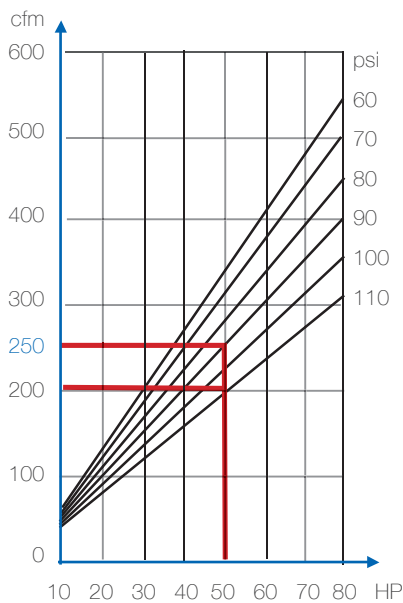
Advantages and/or disadvantages for each type of material

	Steel	Galvanized Steel	Copper	Alu	Stainless Steel (SST)
Air quality	Not recommended	Not recommended	Acceptable	Recommended	Recommended
Pressure loss	Not recommended	Not recommended	Recommended	Recommended	Recommended
Fast installation	Not recommended	Not recommended	Not recommended	Recommended	Not recommended
Easy installation	Not recommended	Not recommended	Not recommended	Recommended	Not recommended
Installation tools	Not recommended	Not recommended	Not recommended	Recommended	Not recommended
Disassembly	Not recommended	Not recommended	Not recommended	Recommended	Not recommended
Weight	Not recommended	Not recommended	Acceptable	Recommended	Acceptable
Anti-corrosive	Not recommended	Not recommended	Acceptable	Recommended	Recommended
Fire resistance	Recommended	Recommended	Recommended	Recommended	Recommended
Crush proof	Recommended	Recommended	Acceptable	Acceptable	Acceptable
Standardized color	Not recommended	Not recommended	Not recommended	Recommended	Not recommended

Not recommended Acceptable Recommended

## COMPRESSOR FLOW RATE CALCULATIONS

To calculate the flow rate of a compressor, multiply the motor power rating in kW by 10. This gives the air flow in m<sup>3</sup>/h (at 100 psi).



### Example:

A 50 HP compressor produces a flow rate of 50 cfm at 90 psi.

Note that the greater the pressure, the lower the flow rate.

The same compressor produces a flow rate of less than 200 cfm at 110 psi.

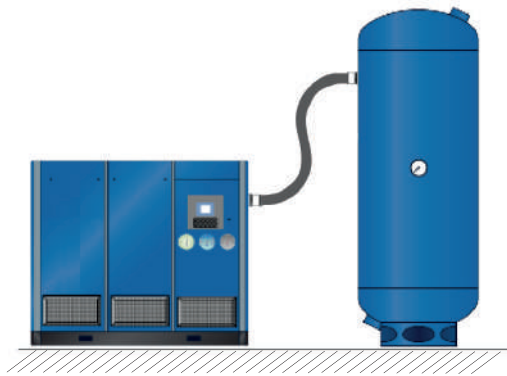


$$\text{HP} \times 4.5 = \text{cfm}$$

Low pressure is a common problem in air systems but increasing the pressure is not the solution. Often times, the network design is the problem. A few reasons why low pressure occurs is: the pipe diameter is too small, too many elbows, pipes are clogged by rust, network not looped, etc. (See Flow rates and pressure loss).

# Compressed air networks

## DETERMINING TANK VOLUME



If the tank is too big, the compressor is operating infrequently and for longer time frames.

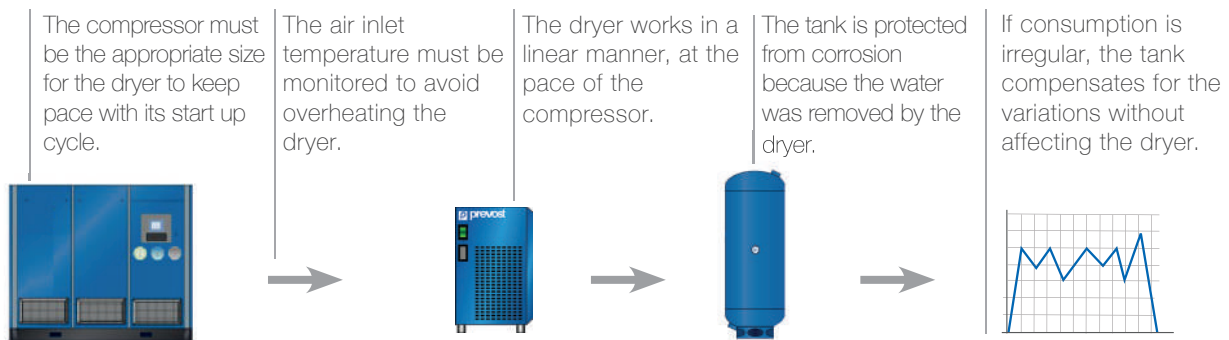
If the tank is too small, the compressor will operate more frequently and for shorter time frames.

Compressor power	*Air flow from compressor		*Recommended tank volume		
	kW/Cv	cfm	m <sup>3</sup> /h	cu ft	gal
<b>18/25</b>	106	180	11	80	300
<b>30/40</b>	206	350	16	120	500
<b>45/60</b>	294	500	32	240	900
<b>75/100</b>	441	750	53	400	1250
<b>90/125</b>	589	900	53	400	1500
<b>132/175</b>	883	1500	88	660	2500
<b>160/215</b>	1030	1750	88	660	3000
<b>200/270</b>	1177	2000	142	1060	3500

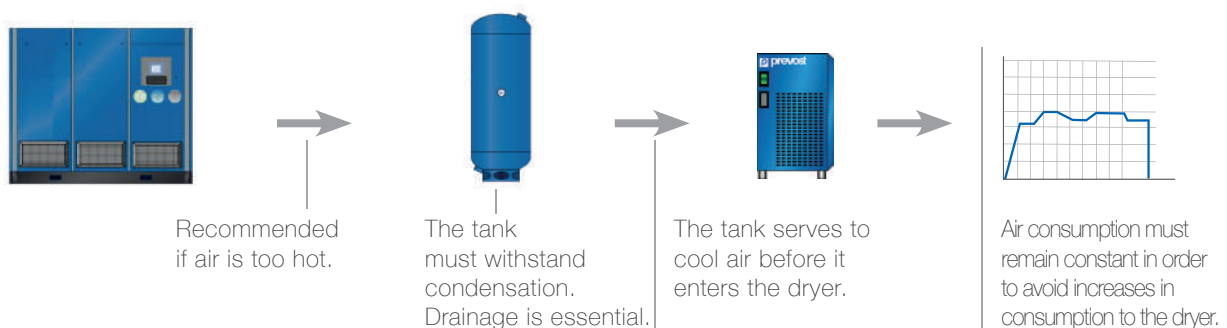
\*These values may differ slightly from the data provided by compressor manufacturers.

## WHERE SHOULD A DRYER BE INSTALLED?

### Dryer located upstream of the tank

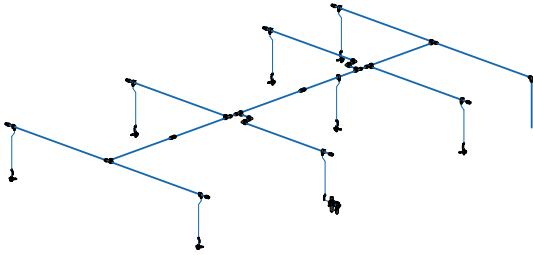


### Dryer located downstream of the tank



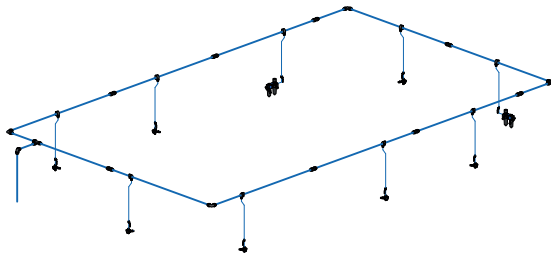
## ■ TYPES OF COMPRESSED AIR PIPING NETWORK

### Bypass network



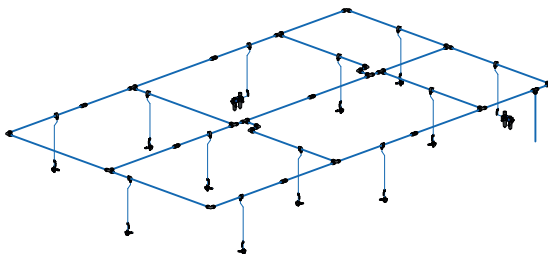
- The main line must be long to achieve adequate air flow.
- Drops must also have a larger diameter due to their greater length.
- No possibility of isolating a section.

### Looped network



- Provides equivalent air flow and pressure at all points in the network.
- Smaller sections of pipe are required.
- Opportunity to isolate a section using valves.
- Recommended system for all industry applications.

### Crossed network (meshed)



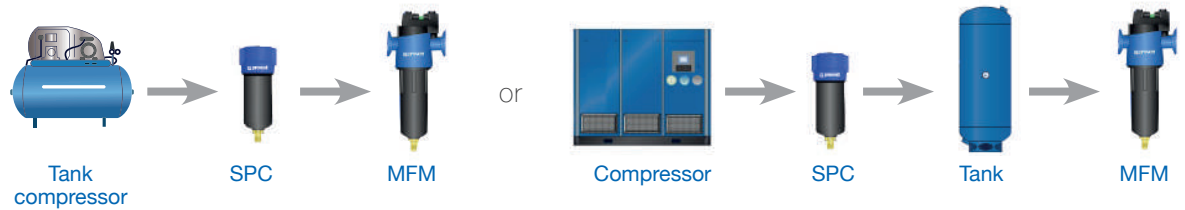
- Provides equivalent air flow and pressure at all points in the network.
- Smaller sections of pipe are required.
- Opportunity to isolate a section using valves.
- Recommended for large companies.

# C

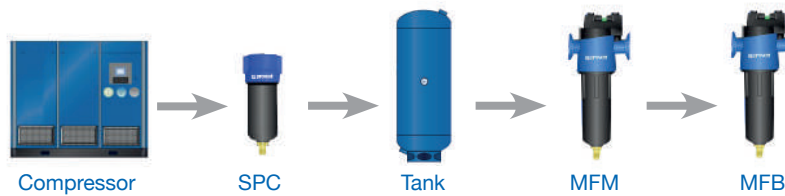
# Air treatment & filtration

## EXAMPLES OF AIR TREATMENT SYSTEMS

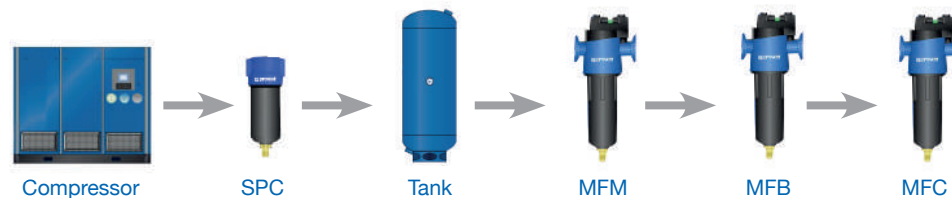
**Conventional applications:** Automotive garages / Small industry / Craft workshops / Standard workshops



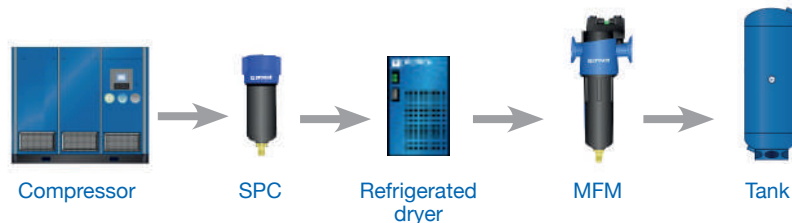
**“Oil-free” applications:** Painting / Varnishing / Printing / Measurements



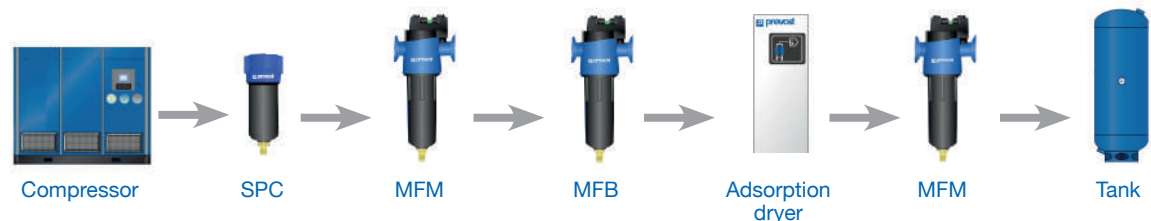
**“Clean air” applications:** Breathable air / Water-based paints / Food industries  
Medical sector / Pharmaceuticals



**Refrigerated dryer applications:** All industries / All dry air bodywork shops



**Adsorption dryer applications:** Very dry air industries / Very low ambient temperatures

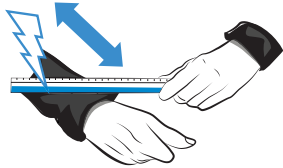


**SPC:** Cyclonic Separator - **MFM:** 1 µm filter - **MFB:** coalescence filter 0.01 µm - **MFC:** Active coal filter

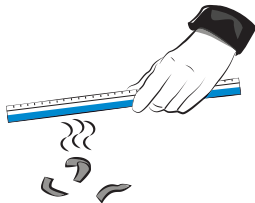
# D

# Painting applications

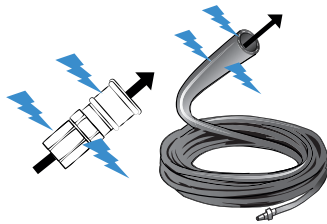
## ■ CREATION OF STATIC ELECTRICITY IN COMPRESSED AIR



When a plastic ruler is rubbed on a piece of fabric, the ruler is gradually charged with static electricity.



When charged with static electricity, the ruler will attract small pieces of paper scattered around it.



The same phenomenon applies to compressed air when it circulates under pressure in a coupling or hose.



In bodywork shops, the electrically charged compressed air in the spray gun mixes with the paint, which, once applied to the sheet metal, will attract dust from the surrounding environment.



In painting facilities, dust in the air is attracted to static electricity and will stick to freshly painted surfaces. Rectifying this means re-doing the entire painting process, resulting in an overall loss for the bodyshop operator. The use of a special anti-static hose is essential in order to avoid this type of problem.



## E

# Pipe diameter

- The **Nominal Diameters** (DN) differ from the actual **Outer Diameters** of the pipes. Several different thicknesses may be available for the same DN: DN is equivalent to NPS (Nominal Pipe Size) in the ASME (American) standards expressed in inches. The various thicknesses are set out in the EN 10220 European standard (in this except, DN's greater than 700 are not included).

Nominal Diameter		Outer Diameter (in)
Ø in millimeters (DN)	Ø in inches (NPS)	ASME standard pipes
6	1/8"	0.405"
8	1/4"	0.540"
12	3/8"	0.675"
15	1/2"	0.840"
20	3/4"	1.050"
25	1"	1.315"
32	1 1/4"	1.660"
40	1 1/2"	1.900"
50	2"	2.375"
65	2 1/2"	2.875"
80	3"	3.500"
90	3 1/2"	4.000"
100	4"	4.500"
125	5"	5.563"
150	6"	6.625"
200	8"	8.625"
250	10"	10.750"
300	12"	12.750"
350	14"	14.000"
400	16"	16.000"
450	18"	18.000"
500	20"	20.000"
550	22"	22.000"
600	24"	24.000"
650	26"	26.000"
700	28"	28.000"



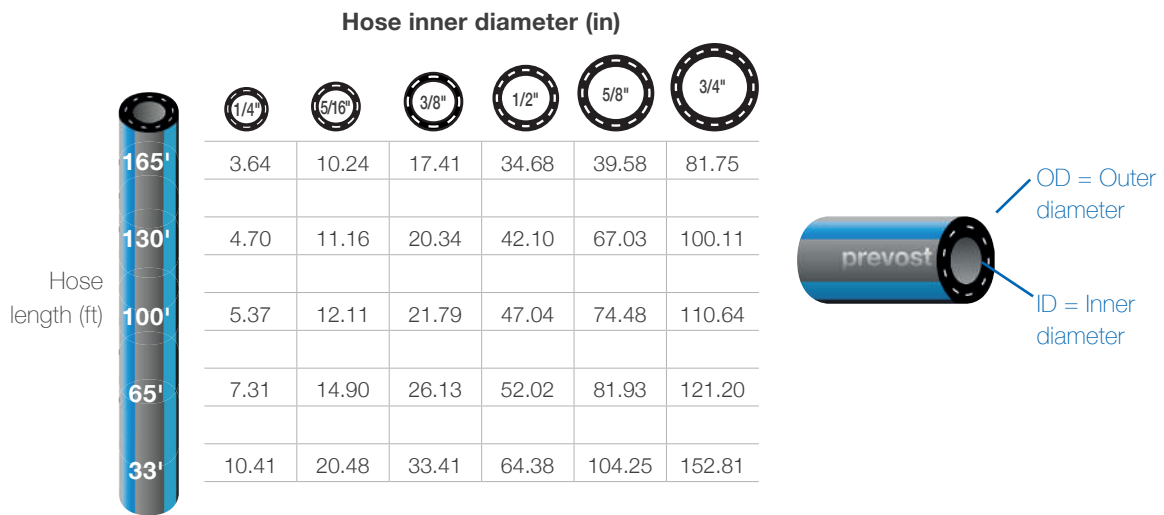
# F

# Flow rates and pressure loss

## ■ FLOW RATE IN COMPRESSED AIR FLEXIBLE HOSES

It is important to select the correct size hose because using a hose that is too long or too small of a diameter, can cause pressure loss or a reduced flow rate.

**Estimated flow rate (cfm)** Supply pressure = 100 psi and pressure loss  $\Delta P = 4$  psi

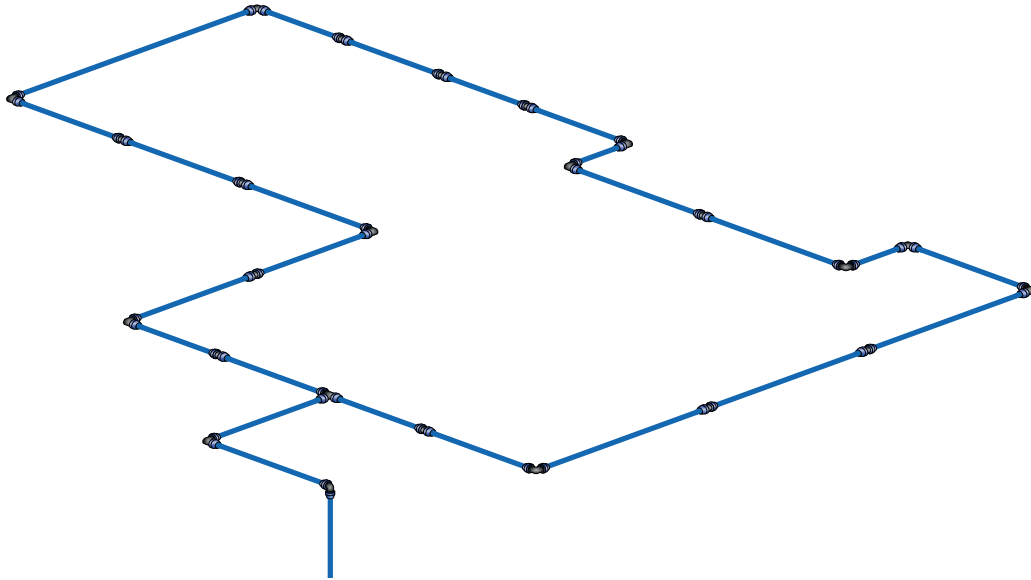


Designation of hose inner diameters	
Diameter in inches (NPS)	Diameter (mm)
3/16"	4
1/4"	6
5/16"	8
3/8"	10
1/2"	12
5/8"	16
3/4"	20
1"	25
1 1/4"	32
1 1/2"	40
2"	50






**In North America**, hose dimensions are expressed in **fractions of inches NPS (nominal pipe size)**. This table shows the conversion between the two systems. There is no link between this and the threads.

# Flow rates and pressure loss

## ■ SELECTING THE DIAMETER OF PPS PIPE (PREVOST PIPING SYSTEM)



Correspondence of PPS fitting in additional feet of pipes

Ø pipe (in)				→ 	→ 
3/4"	0.66	3.94	3.28	0.66	2.80
1"	0.66	6.56	4.26	0.66	5.90
1 1/4"	0.98	13.2	4.92	0.98	7.90
1 1/2"	0.98	11.55	5.90	1.31	11.48
2"	0.98	14.10		1.31	18.04
2 1/2"	1.31	16.40		1.64	
3"	1.31	21.00		1.64	

at 100 psi

- Example of a 50 HP compressor at 87 psi  $50 \times 4.5 = 225$  cfm
- The facility is comprised of 25 lengths of pipe that are 19.7 ft each  $\times 25 = 492.5$  ft
- There are 11 equal fittings, 12 equal elbow fittings, and one equal T-fitting.
- Without calculating pressure losses, we select 1 1/2" from the diameter table.
- The loss of pressure from the equal fittings represents  $0.98 \text{ ft} \times 11 =$  additional 10.8 ft
- The loss of pressure from the elbow fittings represents  $12.46 \text{ ft} \times 12 =$  additional 150 ft
- The loss of pressure from the T-fitting represents  $11.48 \text{ ft} \times 1 =$  additional 11.48 ft
- The total loss is:  $10.8 + 150 + 11.5 = 172.3$  ft i.e. a total of 664.8 ft

# G

# Standards and directives

## ■ ATEX DIRECTIVE



The **ATEX Directive** refers to **EX**plosive **AT**mospheres, defined as a mixture with the air, in atmospheric conditions, of flammable substances such as gases, vapors, mists or dusts, in which, after ignition, the combustion may spread to the entire unburned mixture (definition drawn from **Directive 2014/34/UE**). Certified equipment must be designed to prevent the creation of an ignition source, as defined by the **EN1127-1 standard**:

- Hot surfaces
- Flames and hot gases
- Mechanically generated sparks
- Electrical sparks
- Stray electric currents, cathodic corrosion protection
- Static electricity
- Lightning
- Electromagnetic fields
- Electromagnetic waves
- Ionizing radiation
- Ultrasonics
- Adiabatic compression and shock waves, gas flows
- Chemical reactions

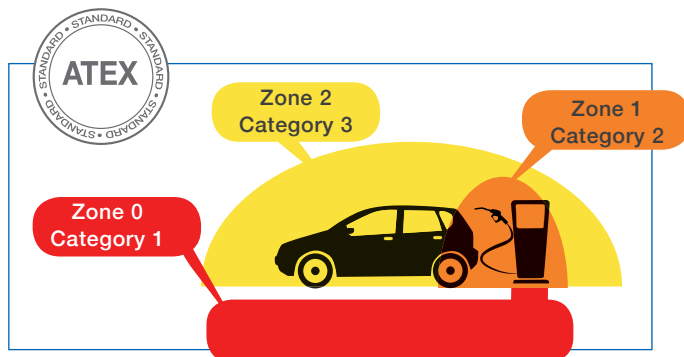
The prevailing regulations are as follows:

- Directive 1999/92/CE
- Directive 2014/34/UE

**prevoS1 couplings comply with ATEX category 2 and 3 requirements.**



Zone		Equipment category	Presence of explosive atmosphere
Gaz	Dust		
0	20	1	Constantly or for long periods > 1000 hours per year
1	21	2	Sometimes 10 ~ 1000 hours per year
2	22	3	Rarely or during short periods < 10 hours per year



Examples of explosive risk zone classifications

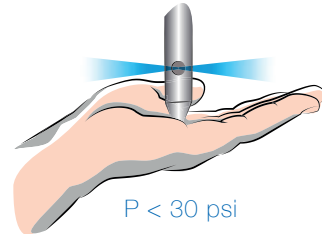
## Standards and directives

### ■ WHAT IS THE OSHA COMPRESSED AIR STANDARD?



**OSHA** is the United States' Department of Labor regulatory body. The article relating to safety using compressed air is: **OSHA 1910 242B**.

The nozzle used for cleaning operations must be fitted with a pressure-reducing valve or other mechanism that reduces the pressure at the end of the nozzle when in contact with a surface to less than 30 psi (2.10 bar).



Relief of pressure above 30 psi

OSH, OSHA, MTLOSHA AND SIL nozzle blow guns are compliant with **OSHA 1910 242B** standard.



### ■ REACH & ROHS STANDARDS

**PREVOST** is compliant with the specifications outlined in the **REACH** and **RoHS** standards regarding the substances used to coat parts in its product ranges.



The **REACH** (Registration, Evaluation, Authorization and Restriction of **CH**emicals) specifications correspond broadly to the constraints previously imposed by the **RoHS** standards.

**REACH** is a European Parliament regulation that entered into force in 2007 and is applicable to all industrial fields



**RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment)**. Effective since 2006, **RoHS** was implemented for public health and recycling reasons.

This directive applies to all new products marketed in the European Union, regardless of whether they are imported or manufactured within the EU.

The following substances are prohibited: Lead / Mercury / Cadmium / Hexavalent chromium (Cr6+) / Polybromobiphenyl (PBB) / Polybrominated diphenyl ether (PBDE)

# H

# Conversion tables

Metric and imperial units							
Physical quantities	Metric units	Imperial units					
Pressure	bar	psi					
Volumetric flow rate	l/min	cfm					
Power	kW	HP					
Temperature	°C	°F					
Length	m	foot					
Volume	l	gal					
Mass	kg	lb					
Pressure							
		Bar	MPa	psi			
Bar	1 bar	1	0.10	14.50			
Megapascal	1 MPa	10	1	145.04			
Pound per Squared Inch	1 psi	0.07	0.007	1			
Vacuum							
		mbar	psi	mmHg	inHg		
Millibar	1 mbar	1	0.01	0.75	0.03		
Pound per squared inch	1 psi	68.95	1	51.71	2.04		
Millimeter of mercury	1 mmHg	1.33	0.02	1	0.04		
Inch of mercury	1 inHg	33.86	0.49	25.40	1		
Volumetric flow rate							
		m³/h	l/min	cfm	gpm		
Cubing meter per hour	1 m³/h	1	16.67	0.59	4.40		
Liter per minute	1 l/min	0.06	1	0.04	0.26		
Cubic Foot per Minute	1 cfm	1.70	28.32	1	7.48		
Gallon US per minute	1 gpm	0.23	3.79	0.13	1		
Power							
		Cv	kW				
Horse power	1 Cv	1	0.74				
Kilowatt	1 kW	1.36	1				
Temperature							
		°C	K	°F			
Degree Celsius	1°C	1	274.15	33.80			
Kelvin	1 K	-272.15	1	-457.87			
Degree Fahrenheit	1°F	-17.22	255.93	1			
Length							
		m	mm	ft	in		
Meter	1 m	1	1000	3.28	39.37		
Millimeter	1 mm	0.001	1	0,003	0,04		
Foot	1 ft	0.30	304.80	1	12		
Inch	1 in	0.03	25.40	0.08	1		
Volume							
		cm³	l	in³	ft³	fl Oz	gal
Cubic centimeter	1 cm³	1	0.001	0.06	0.00003	0.03	0.0003
Liter	1 l	1000	1	61.02	0,04	33.81	0.264
Cubic inch	1 in³	16.39	0.02	1	0.0006	0.55	0.004
Cubic foot	1 ft³	28316.85	28.32	1728	1	957.51	7.48
Fluid ounce	1 fl Oz	29.57	0.03	1,80	0.001	1	0.008
Gallon US	1 gal	3785.41	3.79	231	0.13	128	1
Masse							
		kg	g	lb	Oz		
Kilogram	1 kg	1	1000.00	2,2	35.27		
Gram	1 g	0.001	1	0.002	0.04		
Pound	1 lb	0.45	453.59	1	16		
Ounce	1 Oz	0.03	28.35	0.06	1		

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RCD MG06M5	146	RCU TT1818	152	RPB MG1826	108	RPC FG04M5	105	RPC LR0803	103
RCD MG0400	146	RCU TT4141	152	RPB MG3126	108	RPC FG06M5	105	RPC LR1000	103
RCD MG0600	146	RCU TT5353	152	RPB MG5326	108	RPC FG0400	105	RPC LR1001	103
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RCD MG4126	146	RCY ET0606	153	RPB MR0401	109	RPC FG0600	105	RPC LR1003	103
RCD MG5326	146	RCY ET4141	153	RPB MR0600	109	RPC FG0601	105	RPC LR1201	103
RCD MR1820	146	RCY ET5353	153	RPB MR0601	109	RPC FG0602	105	RPC LR1202	103
RCD MR4120	146	RESTO 73835S	236	RPB MR0602	109	RPC FG0603	105	RPC LR1203	103
RCD MR5320	146	RESTO 73850S	236	RPB MR0603	109	RPC FG0800	105	RPC LR1402	103
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RCM BG4126	154	RPB FG04M5	111	RPB MR0801	109	RPC FG0802	105	RPC LR1602	103
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RCM IG1826	153	RPB FG0400	111	RPB MR0803	109	RPC FG1000	105	RPC LR1820	102
RCM OG04M5	154	RPB FG0401	111	RPB MR1000	109	RPC FG1001	105	RPC LR2121	102
RCM OG5326	154	RPB FG0600	111	RPB MR1001	109	RPC FG1002	105	RPC LR2122	102
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RCT AG04M5	151	RPB FG0602	111	RPB MR1003	109	RPC FG1201	105	RPC LR3120	102
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RCT AG0400	151	RPB FG0800	111	RPB MR1202	109	RPC FG1203	105	RPC LR3122	102
RCT AG0600	151	RPB FG0801	111	RPB MR1203	109	RPC FG1402	105	RPC LR3821	102
RCT AG1826	150	RPB FG0802	111	RPB MR1602	109	RPC FG1403	105	RPC LR3822	102
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RCT CG04M3	150	RPB FG1201	111	RPB MR3121	108	RPC FR3120	104	RPC LR5121	102
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