



# Special Purpose Push-to-Connect Pneumatic Fittings

**NITRA** pneumatic inline fittings are special purpose products mounted inline with pneumatic circuits. With these small, highly efficient components it is possible to perform many pneumatic functions at any point in a circuit.

- Ultra-modular
- Components can be connected in parallel
- Push-to-Connect: No tools required!
- Made of lightweight technopolymer
- Stem adapters connect push-to-connect fittings to NPT ports



(Fasteners shown not included)



**Inline Pressure Regulators**  
from \$20.25



**Inline Pressure Gauges**  
from \$17.75



**Inline Pressure Indicators**  
from \$11.75



**Inline Manual Shutoff Valves**  
from \$11.25



**Inline Quick Exhaust Valves**  
from \$8.75

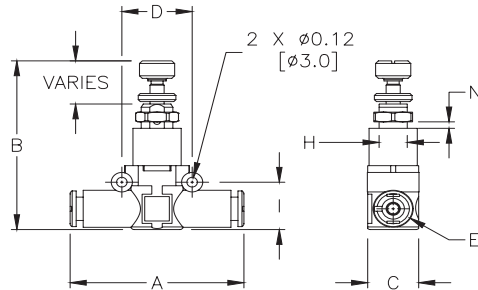


**Stem Adapters**  
from \$3.25



# Inline Pressure Regulators and Gauges

**NITRA** pneumatic push-to-connect miniature pressure regulators have a technopolymer body and nickel-plated brass internal parts. Downstream air pressure can be easily adjusted to a range of 15 to 120 psi with a built-in relief valve to exhaust over-pressure. These regulators can be installed in series or parallel with other special inline fittings.



## Features

- Works with flexible pneumatic tubing
- Easily added to existing circuits
- Ideal for use in secondary branches of a pneumatic system
- Use with PGU series pressure gauges for precise control
- Two-year warranty



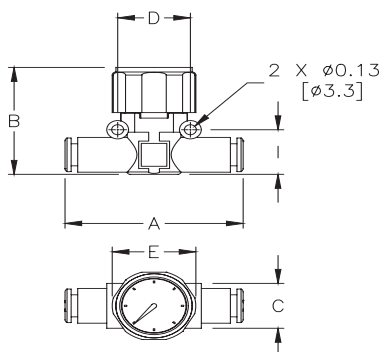
## NITRA Inline Pressure Regulators

*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Tube Size	Ø	A	B	C	D	E	H	I	N	Inlet Pressure Range (psi)	Flow Rate (scfm)*	Package Weight (lbs)
<b>PRU14</b>	\$25.00	1/4 in. x 1/4 in.	1/4	1.85	1.81-2.05	0.58	0.79	0.45	M9x0.75	0.57	0.18	29-145	5.3	0.1
<b>PRU516</b>	\$26.50	5/16 in. [8mm] x 5/16 in. [8mm]	5/16	2.18	2.05-2.28	0.74	0.94	0.54	M11x1	0.74	0.15	29-145	9.2	0.1

\*Flow conditions: 90psi inlet pressure, 14.5 psi ΔP

**NITRA** pneumatic push-to-connect in-line pressure gauges have a technopolymer body and metal gauge casing. They install easily anywhere in a pneumatic circuit and have a range of 0 to 170 psi.



## Features

- Works with flexible pneumatic tubing
- Easily added to existing circuits



## NITRA Inline Pressure Gauges

*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Tube Size	Ø	A	B	C	D	E	I	Max Pressure (psi)	Package Weight (lbs)
<b>PGU14</b>	\$22.00	1/4 in. x 1/4 in.	1/4	1.85	1.38	0.58	0.79	0.45	0.57	174	0.1
<b>PGU516</b>	\$23.50	5/16 in. [8mm] x 5/16 in. [8mm]	5/16	2.18	1.61	0.74	0.94	0.54	0.74	174	0.1

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.

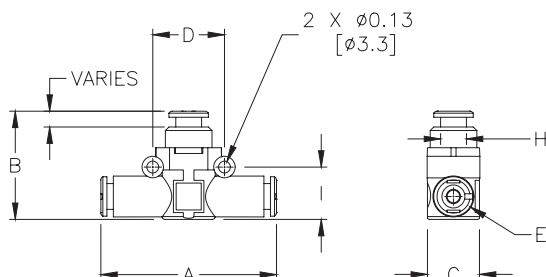


# Inline Pressure Indicators and Quick Exhaust Valves

**NITRA** pneumatic push-to-connect inline pressure indicators have a technopolymer body and nickel-plated brass internal parts, with a range of 29 to 145 psi. When pressure is off, the indicator is clear. When pressure is on, a colored indicator appears.

## Features

- Works with flexible pneumatic tubing
- Easily added to existing circuits
- Green or orange indicator buttons
- Two-year warranty



## NITRA Inline Pressure Indicators

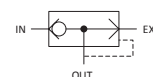
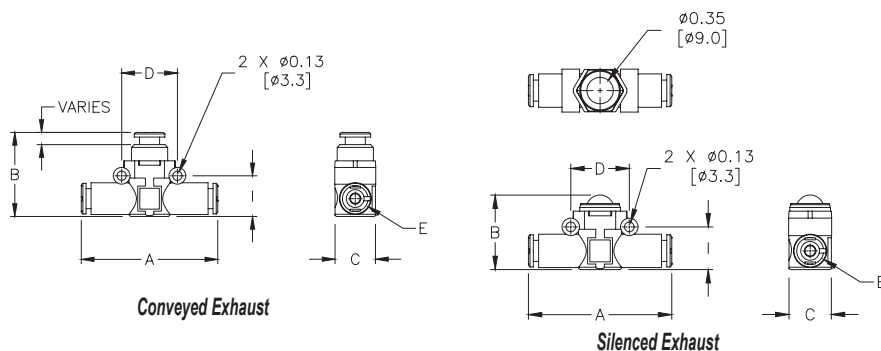
*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Tube Size	Indicator Color	Ø	A	B	C	D	H	I	Operating Pressure Range (psi)	Package Weight (lbs)
<a href="#">PMU14A</a>	\$15.00	1/4 in. x 1/4 in.	Orange	1/4	1.85	1.46	0.58	0.79	M15x1	0.57	29-145	0.1
<a href="#">PMU14G</a>	\$15.00	1/4 in. x 1/4 in.	Green	1/4	1.85	1.46	0.58	0.79	M15x1	0.57	29-145	0.1
<a href="#">PMU516A</a>	\$16.00	5/16 in. [8mm] x 5/16 in. [8mm]	Orange	5/16	2.18	1.61	0.74	0.94	M15x1	0.74	29-145	0.1
<a href="#">PMU516G</a>	\$16.00	5/16 in. [8mm] x 5/16 in. [8mm]	Green	5/16	2.18	1.61	0.74	0.94	M15x1	0.74	29-145	0.1

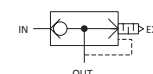
**NITRA** pneumatic push-to-connect in-line quick exhaust valves have a technopolymer body and nickel-plated brass valve insert, with a range of 7 to 150 psi. Normal flow is from inlet to outlet ports. Reversing flow from outlet is directed to exhaust port. These valve are ideal for use with pneumatic actuators that require a very fast stroke speed.

## Features

- Works with flexible pneumatic tubing
- Easily added to existing circuits
- Ideal for use with fast stroke air cylinders
- Two-year warranty



Conveyed Exhaust



Silenced Exhaust

## NITRA Inline Quick Exhaust Valves

*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Tube Size	Exhaust	A	B	C	D	E	I	Inlet Pressure Range (psi)	Inlet Flow Rate (scfm)*	Exhaust Flow Rate (scfm)*	Package Weight (lbs)
<a href="#">QEU14</a>	\$11.00	1/4 in. x 1/4 in. x 1/4 in.	Conveyed	1.85	1.14	0.58	0.79	0.45	0.57	14.5-145	9.5	24.7	0.1
<a href="#">QEU516</a>	\$11.00	5/16 in. [8mm] x 5/16 in. [8mm] x 5/16 in. [8mm]	Conveyed	2.18	1.37	0.74	0.94	0.54	0.74	14.5-145	14	35.3	0.1
<a href="#">QEU14-S</a>	\$11.00	1/4 in. x 1/4 in.	Silenced	1.85	1.0	0.58	0.79	0.45	0.57	14.5-145	9.5	24.7	0.1
<a href="#">QEU516-S</a>	\$12.00	5/16 in. x 5/16 in.	Silenced	2.18	1.24	0.74	0.94	0.54	0.74	14.5-145	14	35.3	0.1

\*Flow conditions: 90psi inlet pressure, 14.5 psi ΔP

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# Inline Manual Shutoff Valves - 2-Way/ 3-Way Locking/Non-Locking



Non-Locking Valve

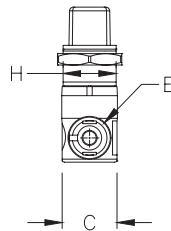
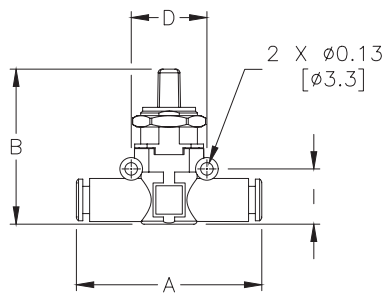
Locking Valve



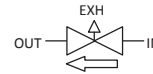
**NITRA** pneumatic push-to-connect in-line hand valves have a technopolymer body and nickel-plated brass valve insert, with a range of 0 to 150 psi. Both 2-way and 3-way valves are available with or without locking capability. 3-way valves relieve pressure downstream when in the closed position.

## Features

- Works with flexible pneumatic tubing
- Easily added to existing circuits
- 2-way and 3-way valves available
- Lockable valves keep valve in closed position during maintenance (Note: Valve can only be locked in closed position)
- Two-year warranty



2-Way Valve



3-Way Valve

## NITRA Inline Manual Shutoff Valves

*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Tube Size	Position	A	B	C	D	E	H	I	Max Pressure (psi)	Flow Rate (scfm)*	Package Weight (lbs)
<a href="#"><u>HVU14-2</u></a>	\$14.00	1/4 in. x 1/4 in.	2-way (non-locking)	1.85	1.61	0.58	0.79	0.45	M15x1	0.55	145	9.9	0.1
<a href="#"><u>HVU14-3</u></a>	\$14.00	1/4 in. x 1/4 in.	3-way (non-locking)										0.1
<a href="#"><u>HVU516-2</u></a>	\$15.50	5/16 in. [8mm] x 5/16 in. [8mm]	2-way (non-locking)	2.18	1.81	0.74	0.94	0.54	M15x1	0.59	145	16.6	0.1
<a href="#"><u>HVU516-3</u></a>	\$15.50	5/16 in. [8mm] x 5/16 in. [8mm]	3-way (non-locking)										0.1
<a href="#"><u>HVU14-2L</u></a>	\$23.50	1/4 in. x 1/4 in.	2-way (locking)	1.85	1.61	0.58	0.79	0.45	M15x1	0.55	145	9.9	0.1
<a href="#"><u>HVU14-3L</u></a>	\$30.50	1/4 in. x 1/4 in.	3-way (locking)										0.1
<a href="#"><u>HVU516-2L</u></a>	\$25.00	5/16 in. [8mm] x 5/16 in. [8mm]	2-way (locking)	2.18	1.81	0.74	0.94	0.54	M15x1	0.59	145	16.6	0.2
<a href="#"><u>HVU516-3L</u></a>	\$24.50	5/16 in. [8mm] x 5/16 in. [8mm]	3-way (locking)										0.2

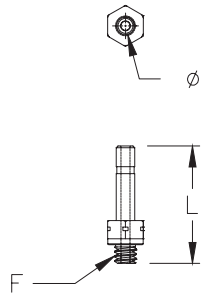
\*Flow conditions: 90psi inlet pressure, 14.5 psi ΔP

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.





# Pneumatic Stem Adapters and Special Purpose Fitting Accessories



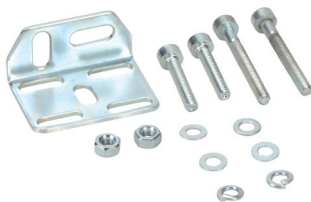
**NITRA** pneumatic stem adapters are used to easily connect push-to-connect fittings to a threaded port. They are made of nickel-plated brass. Five adapters per package.

## Features

- Works with push-to-connect fittings
- Nickel-plated brass
- Two-year warranty

NITRA Stem Adapters							
Inch Sizes - dimensions in inches (in.)							
Part No.	Price	Tube Size	ø	F	L	Package Weight (lbs)	Qty. per pack
<a href="#"><u>SA532-10N</u></a>	\$3.75	5/32 in. [4mm] x 10/32 UNF	5/32	10/32 UNF	0.99	0.1	5
<a href="#"><u>SA532-18N</u></a>	\$4.00	5/32 in. [4mm] x 1/8 NPT	5/32	1/8 NPT	1.09	0.1	5
<a href="#"><u>SA532-14N</u></a>	\$6.25	5/32 in. [4mm] x 1/4 NPT	5/32	1/4 NPT	1.19	0.2	5
<a href="#"><u>SA14-10N</u></a>	\$5.25	1/4 in. x 10/32 UNF	1/4	10/32 UNF	1.01	0.1	5
<a href="#"><u>SA14-18N</u></a>	\$3.75	1/4 in. x 1/8 NPT	1/4	1/8 NPT	1.11	0.1	5
<a href="#"><u>SA14-14N</u></a>	\$4.00	1/4 in. x 1/4 NPT	1/4	1/4 NPT	1.20	0.2	5
<a href="#"><u>SA14-38N</u></a>	\$4.50	1/4 in. x 3/8 NPT	1/4	3/8 NPT	1.31	0.3	5
<a href="#"><u>SA516-18N</u></a>	\$3.75	5/16 in. [8mm] x 1/8 NPT	5/16	1/8 NPT	1.15	0.1	5
<a href="#"><u>SA516-14N</u></a>	\$4.00	5/16 in. [8mm] x 1/4 NPT	5/16	1/4 NPT	1.24	0.2	5
<a href="#"><u>SA516-38N</u></a>	\$6.75	5/16 in. [8mm] x 3/8 NPT	5/16	3/8 NPT	1.35	0.3	5

## Special Purpose Fitting Accessories



[FBKT](#)



[TU14](#)

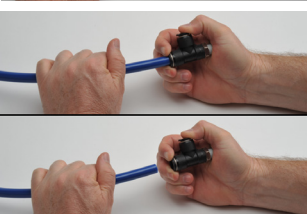
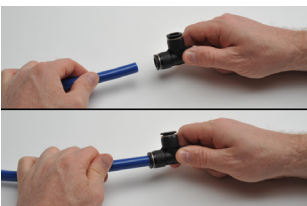
NITRA Special Purpose Pneumatic Fitting Accessories			
Part No.	Price	Description	Weight (lbs)
<a href="#"><u>FBKT</u></a>	\$2.50	NITRA pneumatic mounting bracket, fits all push-to-connect fittings, plated steel. Screws supplied with bracket are for mounting one fitting only.	0.1
<a href="#"><u>TU14</u></a>	\$3.00	NITRA pneumatic U-tube, polyamide, 1/4 inch, works with push-to-connect fittings	0.1
<a href="#"><u>TU516</u></a>	\$3.00	NITRA pneumatic U-tube, polyamide, 5/16 inch [8mm], works with push-to-connect fittings	0.1

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# Pneumatic Fitting Instructions and Caution Information

## Assembly Instructions



Prepare the **NITRA** tubing for cutting and make sure to have the proper tubing cutters like the **NITRA** TC-12 or TC-20.

(If cutting bonded tubing, carefully split the tubes with a knife and then pull apart as needed.)

Cut the **NITRA** tubing at a right angle with the axis using a standard tube cutter. After cutting the tubing, make sure to check the cut end for an even cut with no debris.

Insertion of the **NITRA** tubing into fittings

- Make sure the tube is inserted fully into the fitting.
- Pull the tube gently to make sure it does not release.
- If the tube end is damaged or deformed, leakage or unexpected tube release may occur. Make sure to check tubing end thoroughly.

Removing the **NITRA** tubing from fittings

- Make sure the pressure in the tube is zero before releasing the tube from the fittings.
- To release the tubing, press the release ring at the end of the fitting and pull the tube with one hand.
- Inspect the released tube end and make a clean cut if it is damaged or deformed.

## Common Precautions for Tubing and Fitting Products

### Warnings:

- Do not use fittings with media other than air.
- Avoid installing with tubing under tension or with excessive bends.
- Do not use the product where weld spatters occur as fire may occur.
- Product damage or air leakage may occur at places where there is excessive rotation or vibration of the fittings.
- Use caution in water as the product may be damaged by surge pressure.
- Do not use the product where it is directly exposed to fluids such as cutting oil, lubricating oil, and coolant oil.

### Cautions:

- Assemble the tubing only after cleaning away impurities such as dust and excess debris.
- Fitting products are recommended for air systems only. Avoid using for other purposes.
- When using tubing other than **NITRA** brand with **NITRA** fittings, be sure the tubing OD conforms to the tolerances in Table 1 below.

**Table 1 - Tolerance of the Outer Diameter of the Tube**

Tube Specifications	ø5/32 [ø4]	ø1/4 [ø6]	ø5/16 [ø8]	ø3/8 [ø10]	ø1/2 [ø12]
Permissible tolerance	+ 0.005 [+/- 0.13]				

### Pneumatic Tubing Cutter

Part Number	Description	Pcs/Pkg	Wt (lb)	Price
<a href="#"><u>TC-12</u></a>	NITRA pneumatic tubing cutter for use with 1/8 to 1/2 inch and 4 to 12 mm outside diameter flexible plastic tubing.	1	0.1	\$5.75
<a href="#"><u>TC-20</u></a>	NITRA pneumatic heavy duty tubing cutter for use with polyurethane, nylon and other flexible tubing up to 2 inch [50mm] outside diameter.	1	0.2	\$12.00



[TC-12](#)



[TC-20](#)



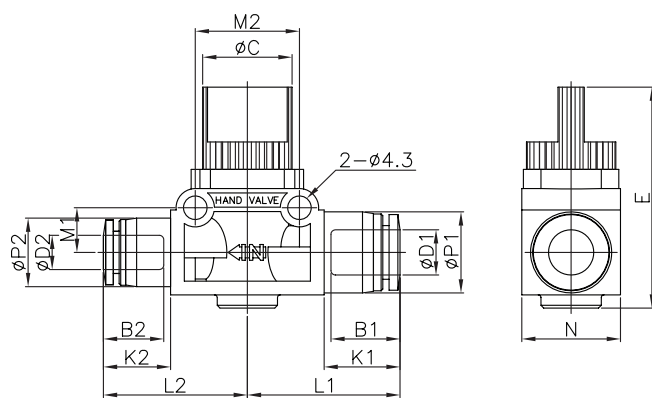
# Pneumatic Union Hand Valve

## Union Hand Valve

**NITRA** Pneumatic Push-to-Connect union straight manual hand valve bodies are made of a strong thermoplastic (PBT) and have stainless steel tube gripping claws. In the closed (off) position, upstream air pressure is blocked while downstream air pressure is vented to atmosphere. **NITRA** Polyurethane and Nylon 12 tubing is easily connected by simply inserting the tubing end into the fitting. To release the tubing, press the circular release ring and the tubing can be easily pulled out. Each package contains two valves.

## Features

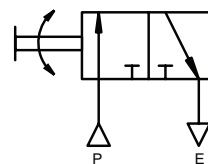
- Inch and metric sizes available
- Tough thermoplastic bodies and stainless steel tube gripping claws
- Release rings are color coded to differentiate between inch and metric sizes
- In the closed (off) position, upstream air pressure is blocked while downstream air pressure is vented to atmosphere.



Inch Fitting



Metric Fitting



NITRA Union Hand Valve																			
Inch Sizes - dimensions in inches (in.)																			
Part No.	Price	Size	$\phi D1$	$\phi D2$	$\phi P1$	$\phi P2$	$\phi C$	N	E	B1	B2	K1	K2	L1	L2	M1	M2	Package Weight (lbs)	Qty. per pack
<a href="#">HVU14</a>	\$21.50	1/4 in.	1/4	1/4	0.51	0.51	0.64	0.71	1.59	0.66	0.66	0.49	0.49	1.04	1.04	0.32	0.75	0.1	2
<a href="#">HVU516</a>	\$22.50	5/16 in. (8 mm)	5/16	5/16	0.58	0.58	0.69	0.70	1.59	0.72	0.72	0.53	0.53	1.08	1.08	0.32	0.75	0.1	2
<a href="#">HVU38</a>	\$24.00	3/8 in.	3/8	3/8	0.69	0.69	0.76	0.83	1.59	0.79	0.79	0.56	0.56	1.21	1.21	0.43	0.94	0.2	2
<a href="#">HVU12</a>	\$27.00	1/2 in.	1/2	1/2	0.83	0.83	0.76	0.83	1.59	0.90	0.90	0.70	0.70	1.35	1.35	0.43	0.94	0.2	2
Metric Sizes - dimensions in millimeters (mm)																			
<a href="#">HVU6M</a>	\$19.50	6 mm	6	6	12.5	12.5	16.3	18.0	40.3	16.4	16.4	12.3	12.3	26.3	26.3	8.2	19.0	0.1	2
<a href="#">HVU8M</a>	\$21.00	8 mm (5/16 in.)	8	8	14.8	14.8	18.0	18.7	40.3	18.7	18.7	13.9	13.9	27.9	27.9	8.2	19.0	0.1	2
<a href="#">HVU10M</a>	\$22.00	10 mm	10	10	17.5	17.5	19.3	21.2	40.5	20.1	20.1	14.4	14.4	30.9	30.9	10.9	24.0	0.2	2
<a href="#">HVU12M</a>	\$23.50	12 mm	12	12	20.5	20.5	19.3	21.2	40.5	22.8	22.8	17.6	17.6	34.1	34.1	10.9	24.0	0.2	2



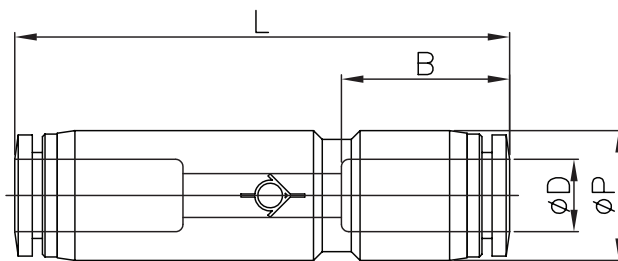
# Pneumatic Union Check Valve

## Union Check Valve

**NITRA** Pneumatic Push-to-Connect union straight check valve bodies are made of a strong thermoplastic (PBT) or aluminum and have stainless steel tube gripping claws. The check valve allows air flow in one direction and blocks air flow in the reverse direction. **NITRA** Polyurethane and Nylon 12 tubing is easily connected by simply inserting the tubing end into the fitting. To release the tubing, press the circular release ring and the tubing can be easily pulled out. Each package contains five valves.

## Features

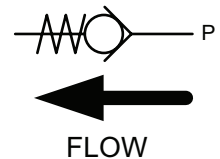
- Inch and metric sizes available
- Tough thermoplastic or aluminum bodies and stainless steel tube gripping claws
- Release rings are color coded to differentiate between inch and metric sizes
- Allows air flow in one direction and blocks air flow in the reverse direction.



*Inch Fitting*



*Metric Fitting*



NITRA Union Check Valve								
<i>Inch Sizes - dimensions in inches (in.)</i>								
<i>Part No.</i>	<i>Price</i>	<i>Size</i>	<i>ØD</i>	<i>ØP</i>	<i>L</i>	<i>B</i>	<i>Package Weight (lbs)</i>	<i>Qty. per pack</i>
<a href="#"><u>CVU532</u></a>	\$42.50	5/32 in. (4 mm)	5/32	0.41	1.67	0.59	0.1	5
<a href="#"><u>CVU14</u></a>	\$49.00	1/4 in.	1/4	0.51	1.91	0.66	0.1	5
<a href="#"><u>CVU38*</u></a>	\$131.00	3/8 in.	3/8	0.91	2.55	0.79	0.5	5
<i>Metric Sizes - dimensions in millimeters (mm)</i>								
<a href="#"><u>CVU6M</u></a>	\$43.50	6 mm	6	12.5	47.5	16.4	0.1	5
<a href="#"><u>CVU8M</u></a>	\$54.00	8 mm (5/16 in.)	8	14.8	56.4	18.7	0.2	5

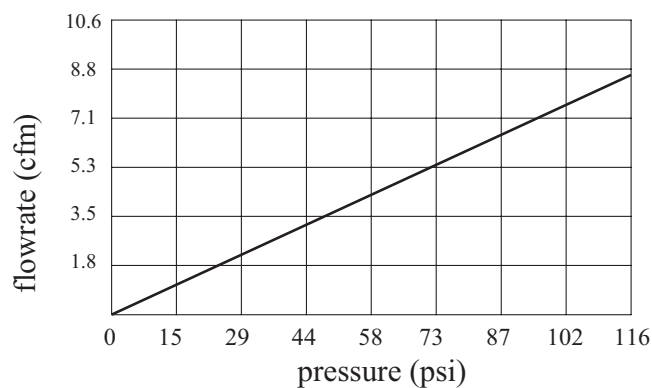
\* Aluminum body



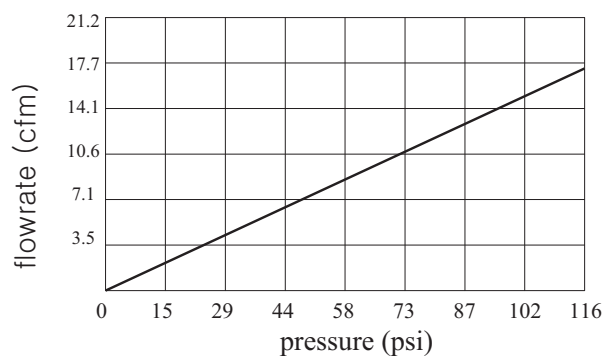
# Pneumatic Union Check Valve

## Flowrate Charts

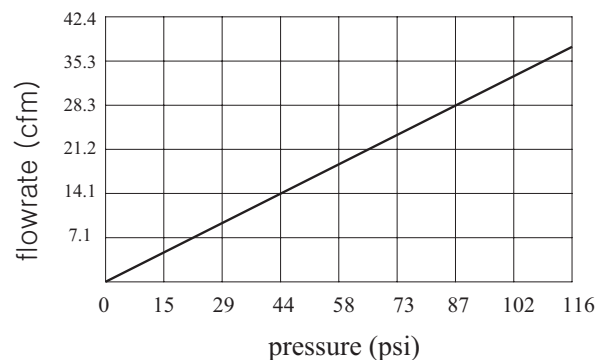
**CVU532**



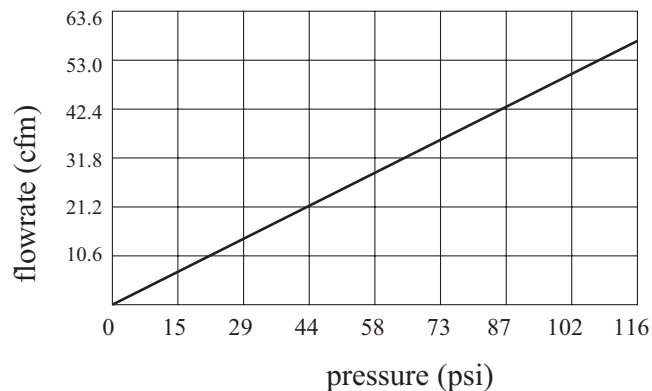
**CVU14  
CVU6M**



**CVU8M**



**CVU38**





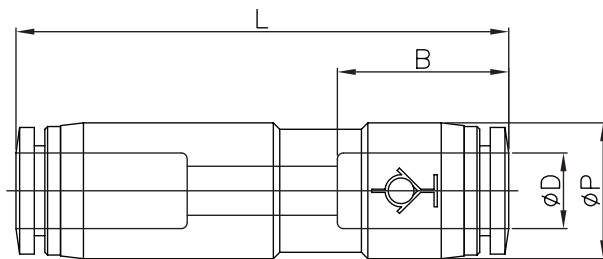
# Pneumatic Union Stop Valve

## Union Stop Valve

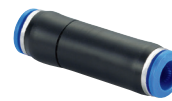
**NITRA** Pneumatic Push-to-Connect union straight stop valve bodies are made of a strong thermoplastic (PBT) and have stainless steel tube gripping claws. When the downstream tube is removed from the stop valve, upstream air pressure is blocked. **NITRA** Polyurethane and Nylon 12 tubing is easily connected by simply inserting the tubing end into the fitting. To release the tubing, press the circular release ring and the tubing can be easily pulled out. Each package contains five valves.

## Features

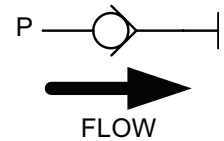
- Inch and metric sizes available
- Tough thermoplastic bodies and stainless steel tube gripping claws
- Release rings are color coded to differentiate between inch and metric sizes
- When the downstream tube is removed from the stop valve, upstream air pressure is blocked.



Inch Fitting



Metric Fitting



NITRA Union Stop Valve								
Inch Sizes - dimensions in inches (in.)								
Part No.	Price	Size	$\phi D$	$\phi P$	L	B	Package Weight (lbs)	Qty. per pack
<a href="#">SVU532</a>	\$39.00	5/32 in. (4 mm)	5/32	0.41	1.66	0.59	0.1	5
<a href="#">SVU14</a>	\$46.50	1/4 in.	1/4	0.51	1.85	0.66	0.1	5
<a href="#">SVU38</a>	\$62.00	3/8 in.	3/8	0.69	2.29	0.79	0.2	5
<a href="#">SVU12</a>	\$62.00	1/2 in.	1/2	0.83	2.67	0.90	0.4	5
Metric Sizes - dimensions in millimeters (mm)								
<a href="#">SVU6M</a>	\$41.50	6 mm	6	12.5	46.0	16.4	0.1	5
<a href="#">SVU8M</a>	\$49.00	8 mm (5/16 in.)	8	14.8	53.7	18.7	0.1	5
<a href="#">SVU10M</a>	\$56.00	10 mm	10	17.5	58.2	20.1	0.2	5
<a href="#">SVU12M</a>	\$57.00	12 mm	12	20.5	67.1	22.8	0.3	5





# Pneumatic Check Valve Fittings

## Union Check Valves

These high quality check valves work well in pneumatic circuits requiring free flow in one direction and no flow in the opposite direction. All valve bodies are nickel-plated brass.

## Features

- Multiple porting options
- Durable brass construction
- Low cracking pressure (less than 1 psi)
- Compact in-line or port mounting styles
- Made in USA



NITRA™ Pneumatic Check Valve Fittings				
Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<a href="#"><u>CVU10N</u></a>	\$8.50	NITRA pneumatic threaded fitting, check valve, nickel-plated brass body, nickel-plated brass threads, (2) #10-32 female threaded connection(s).	1	0.2
<a href="#"><u>CVU18N</u></a>	\$10.00	NITRA pneumatic threaded fitting, check valve, nickel-plated brass body, nickel-plated brass threads, (2) 1/8in female NPT connection(s).	1	0.7
<a href="#"><u>CVF18N-M18N</u></a>	\$10.00	NITRA pneumatic threaded fitting, check valve, nickel-plated brass body, nickel-plated brass threads, (1) 1/8in female NPT to (1) 1/8in male NPT connection(s).	1	0.7
<a href="#"><u>CVM18N-F18N</u></a>	\$10.00	NITRA pneumatic threaded fitting, check valve, nickel-plated brass body, nickel-plated brass threads, (1) 1/8in male NPT to (1) 1/8in female NPT connection(s).	1	0.7



Part No. [CVU10N](#)



Part No. [CVU18N](#)



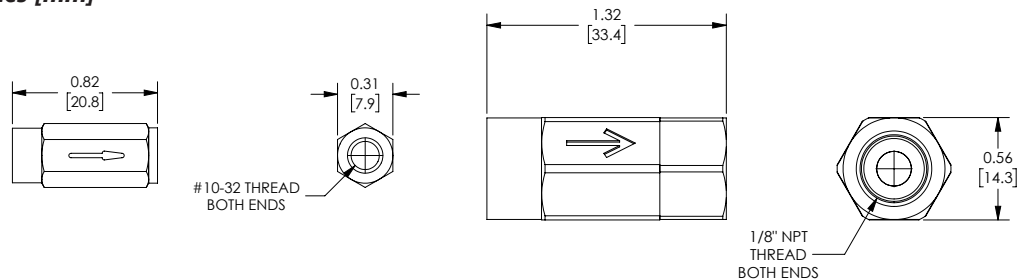
Part No. [CVF18N-M18N](#)



Part No. [CVM18N-F18N](#)

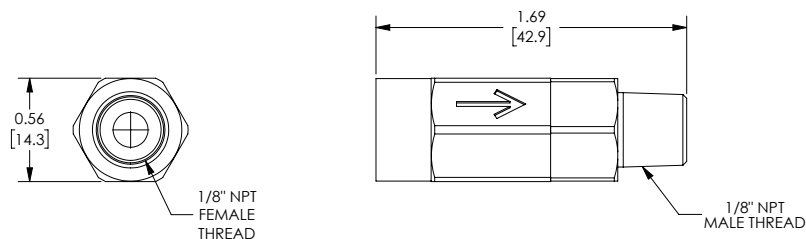
## Dimensions

inches [mm]

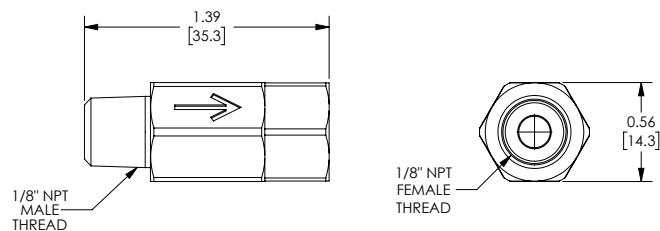


Part No. [CVU10N](#)

Part No. [CVU18N](#)



Part No. [CVF18N-M18N](#)



Part No. [CVM18N-F18N](#)

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# Pneumatic Shuttle Valve Fittings

## Shuttle Valves

These shuttle valves automatically select the higher of two inlet pressures and direct that flow to the outlet.



## Features

- Various porting options including push-to-connect fittings
- Space saving
- Long service life
- Low cracking pressure (less than 1 psi)
- Porting versatility - eliminates excess fitting requirements
- Made in USA



Part No. [SV18N](#)

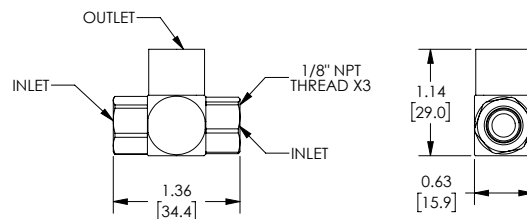
NITRA™ Pneumatic Union Check Valve Fittings				
Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<a href="#">SV18N</a>	\$17.00	NITRA pneumatic threaded fitting, shuttle valve, anodized aluminum body, nickel-plated brass threads, (3) 1/8in female NPT connection(s).	1	0.10
<a href="#">SV14</a>	\$26.50	NITRA pneumatic threaded fitting, shuttle valve, anodized aluminum body, nickel-plated brass threads, (3) 1/4in push-to-connect tubing connection(s).	1	0.15

## Dimensions

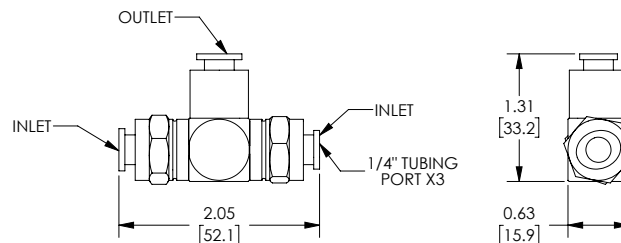
inches [mm]



Part No. [SV14](#)



Part No. [SV18N](#)



Part No. [SV14](#)

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# Pneumatic Pilot Operated Check Valve Fittings

## Pilot Operated Check Valves

These valves are designed for use in applications requiring an actuator to be locked in position. They work as a normal check valve (free flow from inlet to outlet, no flow outlet to inlet) until pressure is applied to the pilot port allow free flow from outlet to inlet.

## Features

- Swivel input port
- Direct cylinder mount
- Plated for corrosion resistance
- Low cracking pressure
- Thread sealant standard on output ports



Part No. [POC18N](#)



Part No. [POC14-18N](#)

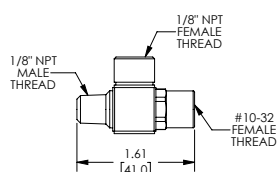


Part No. [POC14-14N](#)

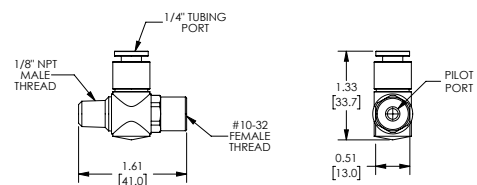
NITRA™ Pneumatic Pilot Operated Check Valve Fittings				
Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<a href="#">POC18N</a>	\$55.00	NITRA pneumatic threaded fitting, pilot operated check valve, rotating, anodized aluminum body, zinc-plated brass threads, (1) 1/8in female NPT to (1) 1/8in male NPT to (1) #10-32 female threaded connection(s).	1	0.05
<a href="#">POC14-18N</a>	\$56.00	NITRA pneumatic threaded fitting, pilot operated check valve, rotating, anodized aluminum body, zinc-plated brass threads, (1) 1/4in push-to-connect tubing to (1) 1/8in male NPT to (1) #10-32 female threaded connection(s).	1	0.05
<a href="#">POC14-14N</a>	\$41.00	NITRA pneumatic threaded fitting, pilot operated check valve, rotating, anodized aluminum body, nickel-plated brass threads, (1) 1/4in push-to-connect tubing to (1) 1/4in male NPT to (1) #10-32 female threaded connection(s).	1	0.15

## Dimensions

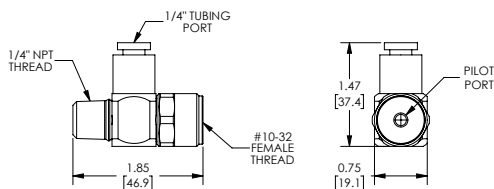
inches [mm]



Part No. [POC18N](#)



Part No. [POC14-18N](#)



Part No. [POC14-14N](#)

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# Pneumatic Nickel-Plated Bleed Valve Fittings

## Nickel-Plated Bleed Valves

These bleed valves offer an easy solution to releasing trapped or excess air pressure from a pneumatic system. Simply press the button to exhaust air pressure.

## Features

- Release 100 in<sup>3</sup> in 4 seconds
- Durable construction
- Available with standard pipe thread and 10-32 thread
- Operating pressure: 0 to 125 psi
- Made in USA



Part No. [GBV10N](#)



Part No. [GBV18N](#)

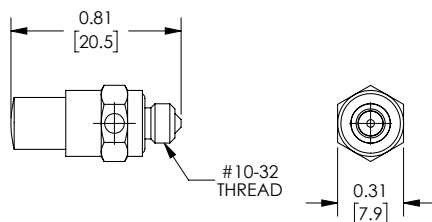


Part No. [GBV14N](#)

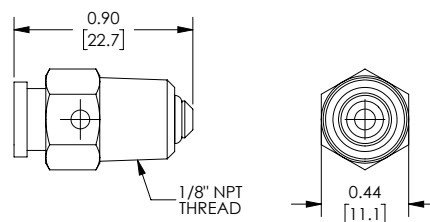
NITRA™ Pneumatic Nickel-Plated Bleed Valve Fittings				
Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<a href="#">GBV10N</a>	\$15.00	NITRA pneumatic threaded fitting, bleed valve, nickel-plated brass body, nickel-plated brass threads, (1) #10-32 male threaded connection(s).	1	0.01
<a href="#">GBV18N</a>	\$13.50	NITRA pneumatic threaded fitting, bleed valve, nickel-plated brass body, nickel-plated brass threads, (1) 1/8in male NPT connection(s).	1	0.05
<a href="#">GBV14N</a>	\$15.00	NITRA pneumatic threaded fitting, bleed valve, nickel-plated brass body, nickel-plated brass threads, (1) 1/4in male NPT connection(s).	1	0.10

## Dimensions

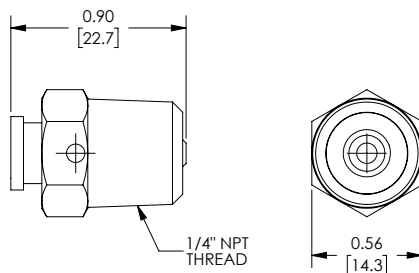
inches [mm]



Part No. [GBV10N](#)



Part No. [GBV18N](#)



Part No. [GBV14N](#)

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



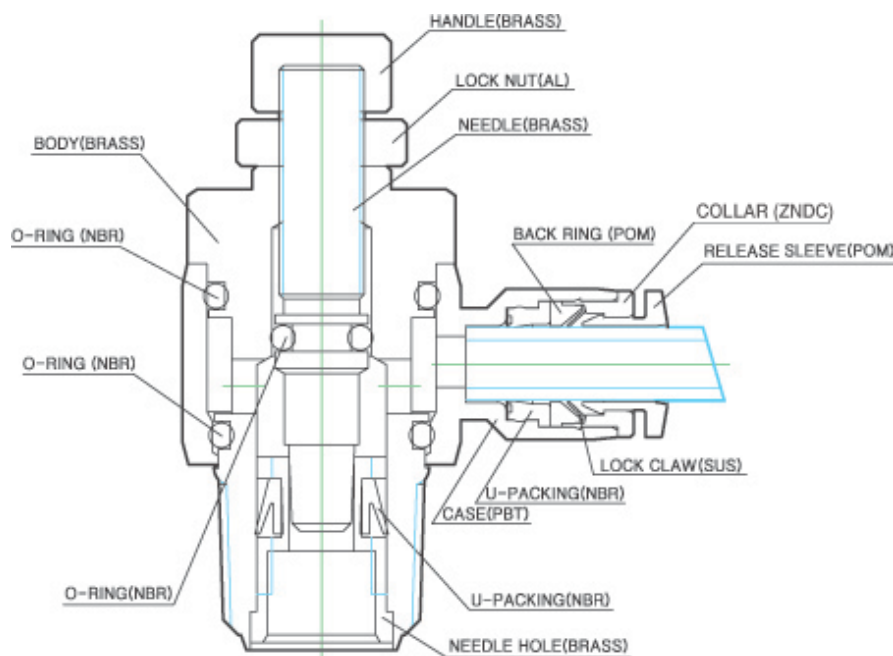
# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves

**NITRA** Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves provide accurate airflow regulation for precise speed control of pneumatic cylinders. **NITRA** flow control valve bodies are made of a strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded

components are made of nickel-plated brass and have pre-applied Teflon thread sealant (O-ring on #10-32, M5 and G threads). Flow control valve bodies can be rotated after installation to allow for variations in piping direction. **NITRA** Polyurethane and Nylon 12 tubing is easily connected by simply inserting the tubing end into the fitting. To release the tubing, press the circular release ring and the tubing can be easily pulled out.

## Features

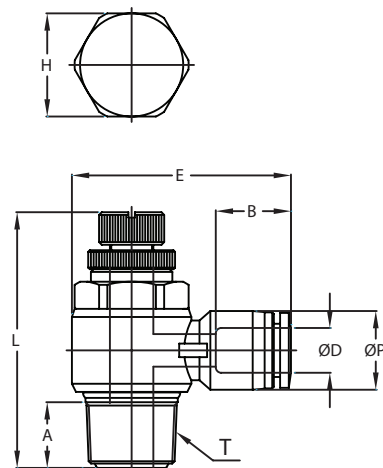
- Meter-in , meter-out and in-line configurations
- Inch and metric sizes available
- NPT, BSPT (R) and BSPP (G) threads available
- Tough thermoplastic bodies, stainless steel tube gripping claws, nickel-plated threads with pre-applied Teflon sealant (O-ring on #10-32, M5 and G threads)
- Bodies can be rotated after installation
- Release rings are color coded to differentiate between meter-in and meter-out
- For use with air only.
- Working pressure: -29.5" Hg to 150 psi.
- Working Temperature 32 to 140°F (0 to 60°C)



*Flow Control Valve Cut-away Diagram*



# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves



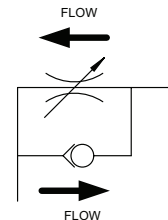
**NITRA** pneumatic push-to-connect **meter-in** flow control valve (speed controller) elbow with rotating thermoplastic (PBT) body, nickel-plated brass threads, stainless steel tube gripping claws, and pre-applied Teflon thread sealant (#10-32, M5 and G threads have O-ring instead of thread sealant). For use with polyurethane or nylon tubing. Two fittings per package.



Inch/Metric Flow Control Valve



G-Thread (BSPP) Flow Control Valve



## NITRA Elbow Flow Control Valve Meter-In

*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Size	øD	øP	T	L		E	A	B	H (Hex)	Package Weight (lbs)	Qty. per pack
						Min.	Max.						
<a href="#">FVR18-10N</a>	\$16.00	1/8 in. x #10-32	1/8	0.30	UNF 10-32	1.06	1.15	0.85	0.14	0.44	5/16	0.1	2
<a href="#">FVR532-10N</a>	\$12.50	5/32 in. (4 mm) x #10-32	5/32	0.41	UNF 10-32	1.06	1.15	1.04	0.14	0.59	5/16	0.1	2
<a href="#">FVR532-18N</a>	\$16.50	5/32 in. (4 mm) x 1/8 NPT	5/32	0.41	NPT 1/8	1.37	1.57	1.21	0.32	0.59	7/16	0.1	2
<a href="#">FVR14-10N</a>	\$15.50	1/4 in. x #10-32	1/4	0.51	UNF 10-32	1.06	1.15	1.13	0.14	0.66	5/16	0.1	2
<a href="#">FVR14-18N</a>	\$18.50	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.37	1.57	1.26	0.32	0.66	7/16	0.1	2
<a href="#">FVR14-14N</a>	\$20.00	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	1.60	1.85	1.41	0.43	0.66	19/32	0.2	2
<a href="#">FVR516-18N</a>	\$21.00	5/16 in. (8 mm) x 1/8 NPT	5/16	0.57	NPT 1/8	1.37	1.56	1.31	0.32	0.72	7/16	0.1	2
<a href="#">FVR516-14N</a>	\$21.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.57	NPT 1/4	1.59	1.85	1.47	0.43	0.72	19/32	0.2	2
<a href="#">FVR516-38N</a>	\$23.50	5/16 in. (8 mm) x 3/8 NPT	5/16	0.57	NPT 3/8	1.88	2.16	1.59	0.52	0.72	3/4	0.3	2
<a href="#">FVR38-14N</a>	\$23.50	3/8 in. x 1/4 NPT	3/8	0.69	NPT 1/4	1.60	1.85	1.57	0.43	0.79	19/32	0.2	2
<a href="#">FVR38-38N</a>	\$24.50	3/8 in. x 3/8 NPT	3/8	0.69	NPT 3/8	1.89	2.16	1.65	0.52	0.79	3/4	0.4	2
<a href="#">FVR38-12N</a>	\$36.00	3/8 in. x 1/2 NPT	3/8	0.69	NPT 1/2	2.12	2.41	1.86	0.65	0.79	15/16	0.4	2
<a href="#">FVR12-38N</a>	\$36.00	1/2 in. x 3/8 NPT	1/2	0.82	NPT 3/8	1.89	2.16	1.78	0.52	0.90	3/4	0.4	2
<a href="#">FVR12-12N</a>	\$37.00	1/2 in. x 1/2 NPT	1/2	0.82	NPT 1/2	2.12	2.41	1.99	0.65	0.90	15/16	0.4	2

BSPT = British Standard Pipe Taper

BSPP = British Standard Pipe Parallel





# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves

NITRA Elbow Flow Control Valve Meter-In													
R-Thread (BSPT) Metric Sizes - dimensions in millimeters (mm)													
Part No.	Price	Size	øD	øP	T	L		E	A	B	H (Hex)	Package Weight (lbs)	Qty. per pack
						Min.	Max.						
<a href="#"><u>FVR4M-M5</u></a>	\$13.50	4 mm (5/32 in.) x M5	4	10.5	M5*0.8p	27.1	29.1	25.4	3.6	14.9	8	0.1	2
<a href="#"><u>FVR4M-18R</u></a>	\$16.00	4 mm (5/32 in.) x R1/8	4	10.5	R 1/8	35.5	40.7	30.5	8.2	14.9	11	0.1	2
<a href="#"><u>FVR6M-M5</u></a>	\$16.50	6 mm x M5	6	12.5	M5*0.8p	27.1	29.1	27.8	3.6	16.4	8	0.1	2
<a href="#"><u>FVR6M-18R</u></a>	\$17.00	6 mm x R1/8	6	12.5	R 1/8	35.5	40.7	31.3	8.2	16.4	11	0.1	2
<a href="#"><u>FVR6M-14R</u></a>	\$20.00	6 mm x R1/4	6	12.5	R 1/4	40.3	46.6	35.3	11.0	16.4	15	0.2	2
<a href="#"><u>FVR8M-14R</u></a>	\$22.00	8 mm (5/16 in.) x R1/4	8	14.5	R 1/4	40.3	46.6	37.4	11.0	18.7	15	0.2	2
<a href="#"><u>FVR8M-38R</u></a>	\$25.00	8 mm (5/16 in.) x R3/8	8	14.5	R 3/8	46.9	54.9	40.4	12.2	18.7	19	0.1	2
<a href="#"><u>FVR10M-14R</u></a>	\$27.50	10 mm x R1/4	10	17.5	R 1/4	40.3	46.6	38.8	11.0	20.1	15	0.1	2
<a href="#"><u>FVR10M-38R</u></a>	\$28.00	10 mm x R3/8	10	17.5	R 3/8	46.9	54.9	42.1	12.2	20.1	19	0.2	2
<a href="#"><u>FVR10M-12R</u></a>	\$31.50	10 mm x R1/2	10	17.5	R 1/2	54.0	60.1	47.3	16.5	20.1	24	0.4	2
<a href="#"><u>FVR12M-38R</u></a>	\$32.00	12 mm x R3/8	12	20.5	R 3/8	46.9	54.9	45.2	12.2	22.8	19	0.4	2
G-Thread (BSPP) Metric Sizes - dimensions in millimeters (mm)													
<a href="#"><u>FVR4M-18G</u></a>	\$16.00	4 mm (5/32 in.) x G1/8	4	10.5	G 1/8	34.6	39.8	30.3	6.0	15.3	8	0.2	2
<a href="#"><u>FVR6M-18G</u></a>	\$17.00	6 mm x G1/8	6	12.5	G 1/8	34.6	39.8	31.2	6.0	16.4	8	0.2	2
<a href="#"><u>FVR6M-14G</u></a>	\$20.00	6 mm x G1/4	6	12.5	G 1/4	39.8	46.1	35.2	8.0	16.4	12	0.3	2
<a href="#"><u>FVR6M-38G</u></a>	\$23.00	6 mm x G3/8	6	12.5	G 3/8	47.7	54.9	38.7	8.0	16.4	14	0.4	2
<a href="#"><u>FVR8M-14G</u></a>	\$22.00	8 mm (5/16 in.) x G1/4	8	14.5	G 1/4	39.8	46.1	36.9	8.0	18.3	12	0.2	2
<a href="#"><u>FVR8M-38G</u></a>	\$25.00	8 mm (5/16 in.) x G3/8	8	14.5	G 3/8	47.7	54.9	39.9	8.0	18.3	14	0.3	2
<a href="#"><u>FVR8M-12G</u></a>	\$35.00	8 mm (5/16 in.) x G1/2	8	14.5	G 1/2	54.5	61.7	45.8	9.0	18.3	17	0.4	2
<a href="#"><u>FVR10M-38G</u></a>	\$28.00	10 mm x G3/8	10	17.5	G 3/8	47.7	54.9	42.2	8.0	19.7	14	0.4	2

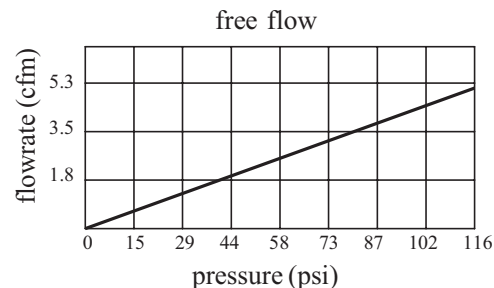
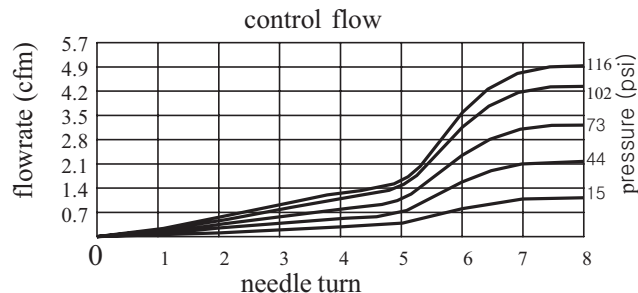
BSPT = British Standard Pipe Taper  
 BSPP = British Standard Pipe Parallel



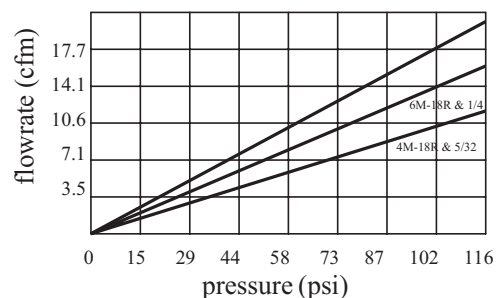
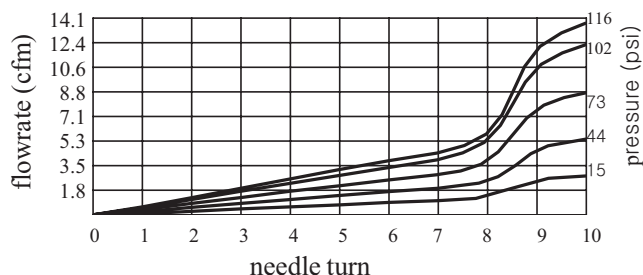
# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves

## Flowrate Charts

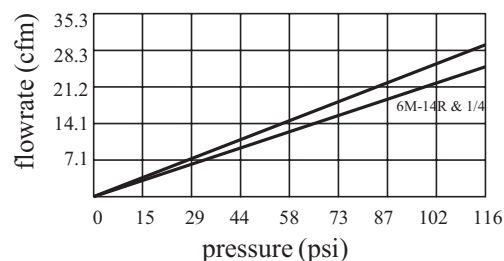
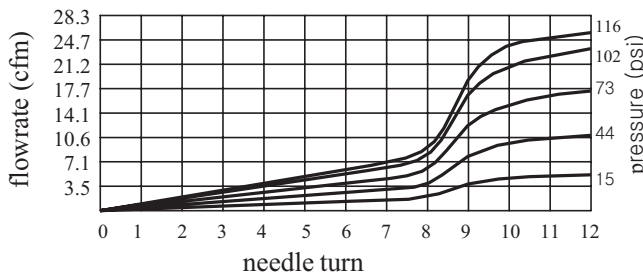
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FVR6M-M5  
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FVS6M-M5  
FVS14-10N  
FVS532-10N



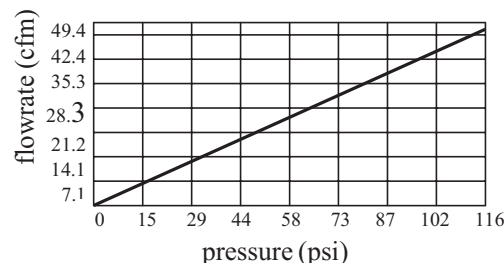
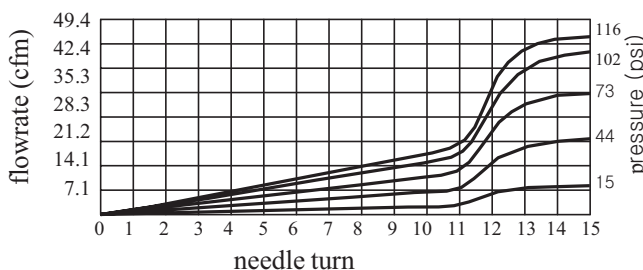
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FVR532-18N  
FVR6M-18R  
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FVR516-18N  
FVS4M-18R  
FVS6M-18R  
FVS14-18N  
FVS516-18N



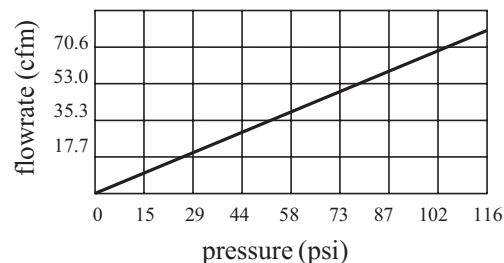
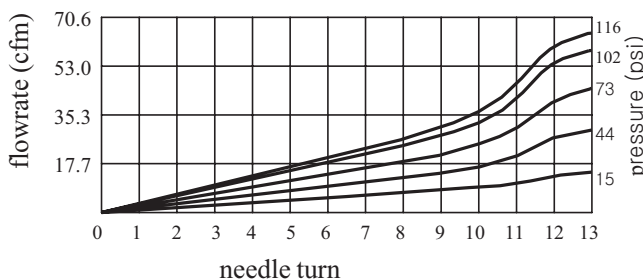
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FVR8M-14R  
FVR516-14N  
FVR10M-14R  
FVR38-14N  
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FVS14-14N  
FVS8M-14R  
FVS516-14N  
FVS10M-14R  
FVS38-14N



FVR8M-38R  
FVR516-38N  
FVR10M-38R  
FVR38-38N  
FVR12M-38R  
FVR12-38N  
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FVS38-38N  
FVS12M-38R  
FVS12-38N

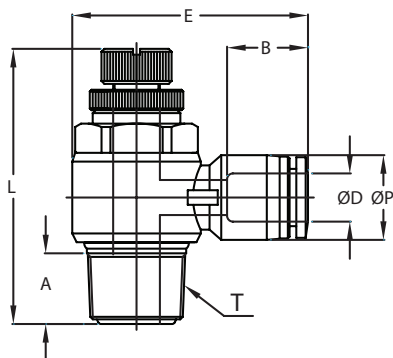
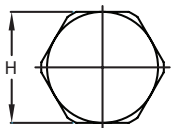


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FVR38-12N  
FVR12M-12R  
FVR12-12N  
FVS10M-12R  
FVS38-12N  
FVS12-12N  
FVS12M-12R





# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves



**NITRA** pneumatic push-to-connect **meter-out** flow control valve (speed controller) elbow with rotating thermoplastic (PBT) body, nickel-plated brass threads, stainless steel tube gripping claws, and pre-applied Teflon thread sealant (#10-32, M5 and G threads have O-ring instead of thread sealant). For use with polyurethane or nylon tubing. Two fittings per package.



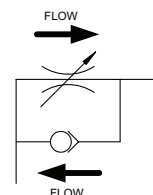
*Inch Fitting*



*R-Thread (BSPT)  
Flow Control Valve*



*G-Thread (BSPP) Flow  
Control Valve*



## NITRA Elbow Flow Control Valve Meter-Out

*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Size	øD	øP	T	L		E	A	B	H (Hex)	Package Weight (lbs)	Qty. per pack
						Min.	Max.						
<a href="#">FVS18-10N</a>	\$16.00	1/8 in. x #10-32	1/8	0.30	UNF 10-32	1.06	1.15	0.85	0.14	0.44	5/16	0.1	2
<a href="#">FVS532-10N</a>	\$12.50	5/32 in. (4 mm) x #10-32	5/32	0.41	UNF 10-32	1.06	1.15	1.04	0.14	0.59	5/16	0.1	2
<a href="#">FVS532-18N</a>	\$16.50	5/32 in. (4 mm) x 1/8 NPT	5/32	0.41	NPT 1/8	1.37	1.57	1.21	0.32	0.59	7/16	0.1	2
<a href="#">FVS14-10N</a>	\$15.50	1/4 in. x #10-32	1/4	0.51	UNF 10-32	1.06	1.15	1.13	0.14	0.66	5/16	0.1	2
<a href="#">FVS14-18N</a>	\$18.50	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.37	1.57	1.26	0.32	0.66	7/16	0.2	2
<a href="#">FVS14-14N</a>	\$20.00	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	1.60	1.85	1.41	0.43	0.66	19/32	0.2	2
<a href="#">FVS516-18N</a>	\$21.00	5/16 in. (8 mm) x 1/8 NPT	5/16	0.57	NPT 1/8	1.37	1.56	1.31	0.32	0.72	7/16	0.1	2
<a href="#">FVS516-14N</a>	\$21.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.57	NPT 1/4	1.59	1.85	1.47	0.43	0.72	19/32	0.2	2
<a href="#">FVS516-38N</a>	\$23.50	5/16 in. (8 mm) x 3/8 NPT	5/16	0.57	NPT 3/8	1.88	2.16	1.59	0.52	0.72	3/4	0.3	2
<a href="#">FVS38-14N</a>	\$23.50	3/8 in. x 1/4 NPT	3/8	0.69	NPT 1/4	1.60	1.85	1.57	0.43	0.79	19/32	0.2	2
<a href="#">FVS38-38N</a>	\$24.50	3/8 in. x 3/8 NPT	3/8	0.69	NPT 3/8	1.89	2.16	1.65	0.52	0.79	3/4	0.4	2
<a href="#">FVS38-12N</a>	\$36.00	3/8 in. x 1/2 NPT	3/8	0.69	NPT 1/2	2.12	2.41	1.86	0.65	0.79	15/16	0.4	2
<a href="#">FVS12-38N</a>	\$36.00	1/2 in. x 3/8 NPT	1/2	0.82	NPT 3/8	1.89	2.16	1.78	0.52	0.90	3/4	0.4	2
<a href="#">FVS12-12N</a>	\$37.00	1/2 in. x 1/2 NPT	1/2	0.82	NPT 1/2	2.12	2.41	1.99	0.65	0.90	15/16	0.4	2

BSPT = British Standard Pipe Taper

BSPP = British Standard Pipe Parallel



# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves

NITRA Elbow Flow Control Valve Meter-Out													
R-Thread (BSPT) Metric Sizes - dimensions in millimeters (mm)													
Part No.	Price	Size	øD	øP	T	L		E	A	B	H (Hex)	Package Weight (lbs)	Qty. per pack
						Min.	Max.						
<a href="#"><u>FVS4M-M5</u></a>	\$13.50	4 mm (5/32 in.) x M5	4	10.5	M5*0.8p	27.1	29.1	25.4	3.6	14.9	8	0.2	2
<a href="#"><u>FVS4M-18R</u></a>	\$16.50	4 mm (5/32 in.) x R1/8	4	10.5	R 1/8	35.5	40.7	30.5	8.2	14.9	11	0.2	2
<a href="#"><u>FVS6M-M5</u></a>	\$16.50	6 mm x M5	6	12.5	M5*0.8p	27.1	29.1	27.8	3.6	16.4	8	0.2	2
<a href="#"><u>FVS6M-18R</u></a>	\$17.00	6 mm x R1/8	6	12.5	R 1/8	35.5	40.7	31.3	8.2	16.4	11	0.2	2
<a href="#"><u>FVS6M-14R</u></a>	\$19.50	6 mm x R1/4	6	12.5	R 1/4	40.3	46.6	35.3	11.0	16.4	15	0.2	2
<a href="#"><u>FVS8M-14R</u></a>	\$22.00	8 mm (5/16 in.) x R1/4	8	14.5	R 1/4	40.3	46.6	37.4	11.0	18.7	15	0.3	2
<a href="#"><u>FVS8M-38R</u></a>	\$25.00	8 mm (5/16 in.) x R3/8	8	14.5	R 3/8	46.9	54.9	40.4	12.2	18.7	19	0.3	2
<a href="#"><u>FVS10M-14R</u></a>	\$27.50	10 mm x R1/4	10	17.5	R 1/4	40.3	46.6	38.8	11.0	20.1	15	0.4	2
<a href="#"><u>FVS10M-38R</u></a>	\$28.00	10 mm x R3/8	10	17.5	R 3/8	46.9	54.9	42.1	12.2	20.1	19	0.4	2
<a href="#"><u>FVS10M-12R</u></a>	\$31.50	10 mm x R1/2	10	17.5	R 1/2	54.0	60.1	47.3	16.5	20.1	24	0.4	2
<a href="#"><u>FVS12M-38R</u></a>	\$32.00	12 mm x R3/8	12	20.5	R 3/8	46.9	54.9	45.2	12.2	22.8	19	0.4	2
<a href="#"><u>FVS12M-12R</u></a>	\$32.00	12 mm x R1/2	12	20.5	R 1/2	54.0	60.1	50.1	16.5	22.8	24	0.4	2
G-Thread (BSPP) Metric Sizes - dimensions in millimeters (mm)													
<a href="#"><u>FVS4M-18G</u></a>	\$16.50	4 mm (5/32 in.) x G1/8	4	10.5	G 1/8	34.6	39.8	30.3	6.0	15.3	8	0.2	2
<a href="#"><u>FVS6M-18G</u></a>	\$17.00	6 mm x G1/8	6	12.5	G 1/8	34.6	39.8	31.2	6.0	16.4	8	0.2	2
<a href="#"><u>FVS6M-14G</u></a>	\$20.00	6 mm x G1/4	6	12.5	G 1/4	39.8	46.1	35.2	8.0	16.4	12	0.3	2
<a href="#"><u>FVS6M-38G</u></a>	\$23.00	6 mm x G3/8	6	12.5	G 3/8	47.7	54.9	38.7	8.0	16.4	14	0.4	2
<a href="#"><u>FVS8M-14G</u></a>	\$22.00	8 mm (5/16 in.) x G1/4	8	14.5	G 1/4	39.8	46.1	36.9	8.0	18.3	12	0.2	2
<a href="#"><u>FVS8M-38G</u></a>	\$25.00	8 mm (5/16 in.) x G3/8	8	14.5	G 3/8	47.7	54.9	39.9	8.0	18.3	14	0.3	2
<a href="#"><u>FVS8M-12G</u></a>	\$35.00	8 mm (5/16 in.) x G1/2	8	14.5	G 1/2	54.5	61.7	45.8	9.0	18.3	17	0.4	2
<a href="#"><u>FVS10M-38G</u></a>	\$28.00	10 mm x G3/8	10	17.5	G 3/8	47.7	54.9	42.2	8.0	19.7	14	0.4	2
<a href="#"><u>FVS10M-12G</u></a>	\$31.50	10 mm x G1/2	10	17.5	G 1/2	54.5	61.7	48.4	9.0	19.7	17	0.5	2

BSPT = British Standard Pipe Taper

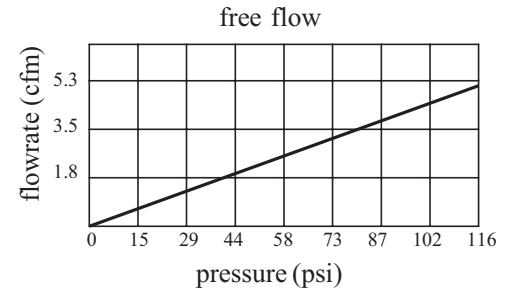
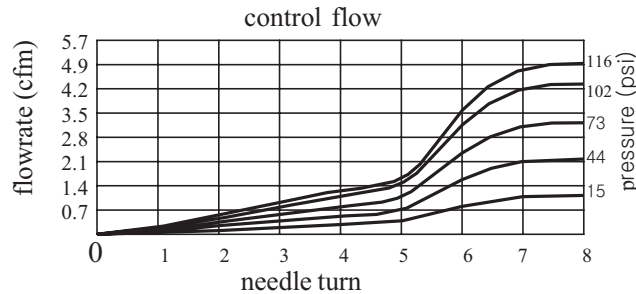
BSPP = British Standard Pipe Parallel



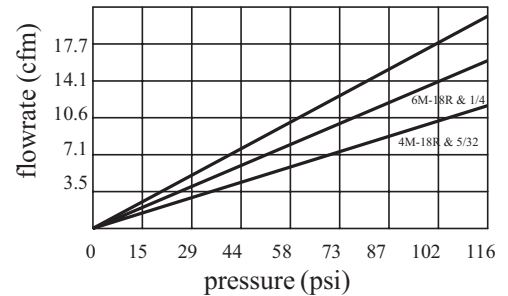
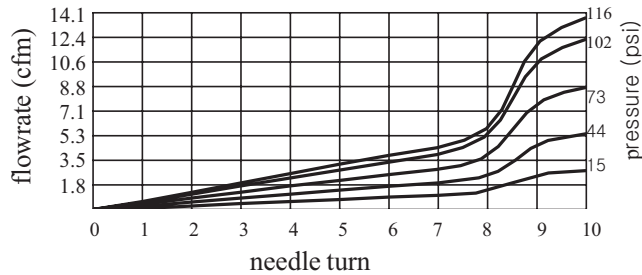
# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves

## Flowrate Charts

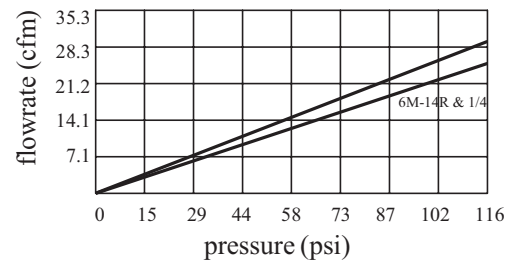
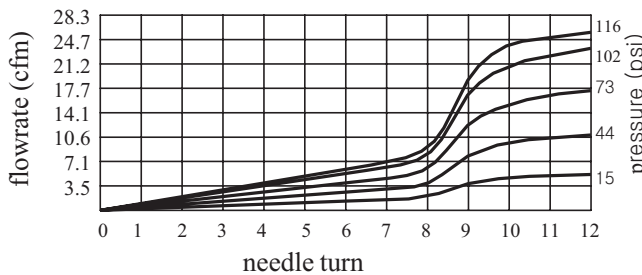
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FVR532-10N  
FVR6M-M5  
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FVS14-10N  
FVS532-10N



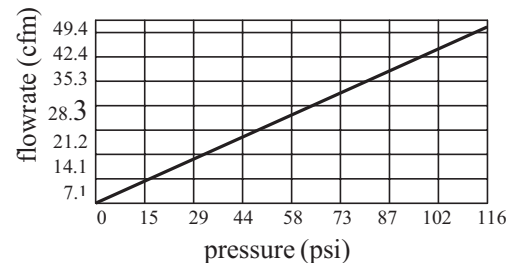
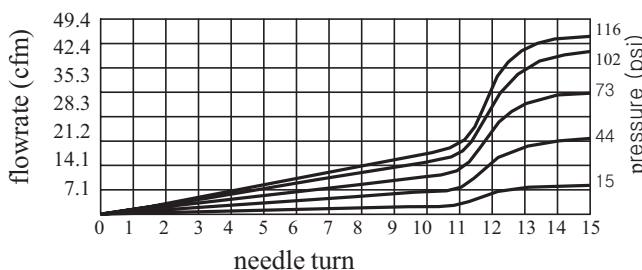
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FVS516-18N



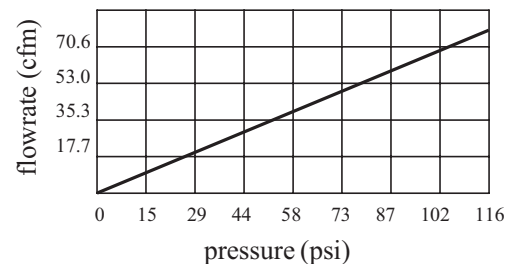
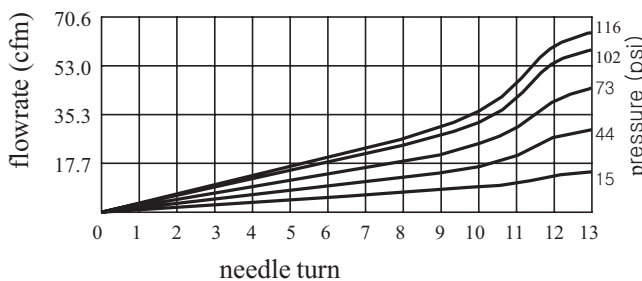
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FVS14-14N  
FVS8M-14R  
FVS516-14N  
FVS10M-14R  
FVS38-14N



FVR8M-38R  
FVR516-38N  
FVR10M-38R  
FVR38-38N  
FVR12M-38R  
FVR12-38N  
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FVS38-38N  
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FVS12-38N

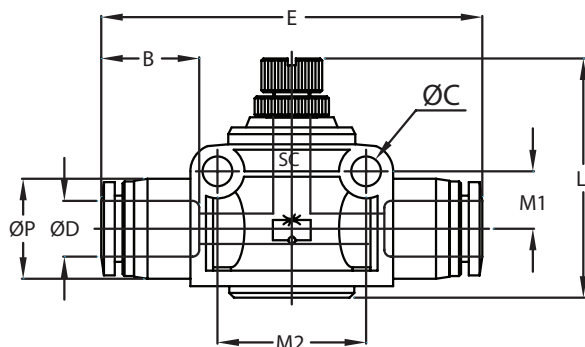


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FVR38-12N  
FVR12M-12R  
FVR12-12N  
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FVS38-12N  
FVS12-12N  
FVS12M-12R





# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves



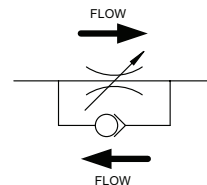
**NITRA** pneumatic push-to-connect in-line flow control valve (speed controller) with thermoplastic (PBT) body, nickel-plated brass control knob and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Two fittings per package.



*Inch Fitting*



*Metric Fitting*



NITRA In-Line													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	øD	øP	L		E	øC	B	M1	M2	Package Weight (lbs)	Qty. per pack
					Min.	Max.							
<b>FVU532*</b>	\$18.50	5/32 in. (4 mm) in. x 5/32 in. (4 mm)	5/32	0.41	1.04	1.14	1.76	0.13	0.59	0.22	0.61	0.1	2
<b>FVU14</b>	\$23.00	1/4 in. x 1/4	1/4	0.52	1.32	1.53	1.97	0.17	0.66	0.31	0.80	0.1	2
<b>FVU38</b>	\$32.00	3/8 in. x 3/8	3/8	0.69	1.60	1.91	2.42	0.17	0.79	0.41	1.11	0.3	2
<b>FVU12</b>	\$45.00	1/2 in. x 1/2	1/2	0.81	1.79	2.10	2.78	0.17	0.90	0.48	1.26	0.5	2
Metric Sizes - dimensions in millimeters (mm)													
<b>FVU6M</b>	\$22.50	6 mm x 6 mm	6	12.5	33.5	37.9	49.6	4.3	16.4	8.0	20.4	0.1	2
<b>FVU8M</b>	\$28.50	8 mm (5/16 in.) x 8 mm (5/16 in.)	8	14.8	35.5	41.5	56.4	4.4	18.7	8.5	22.0	0.1	2
<b>FVU10M</b>	\$33.00	10 mm x 10 mm	10	17.5	40.7	48.7	61.4	4.3	20.1	10.3	28.1	0.3	2
<b>FVU12M</b>	\$44.00	12 mm x 12 mm	12	20.5	45.0	53.5	70.3	4.4	22.8	12.1	32.0	0.5	2

\* FVU532 has blue release rings

Note: Due to changes made by the manufacturer, these flow control valves could have either of the following symbols molded into them:



If the part shows a single arrow, this arrow points in the direction of the controlled flow



If the part shows a dual arrow, the smaller arrow points in the direction of the controlled flow

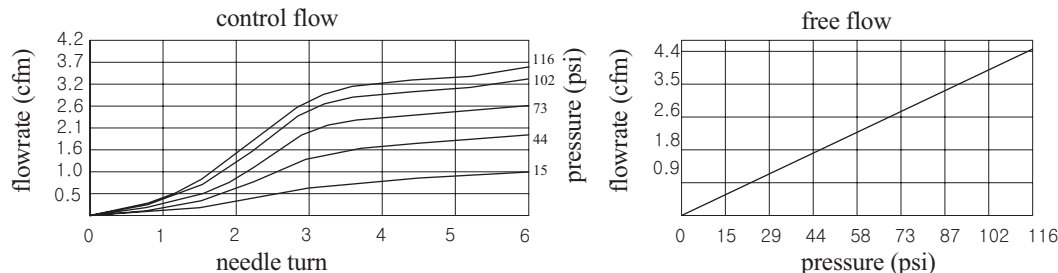




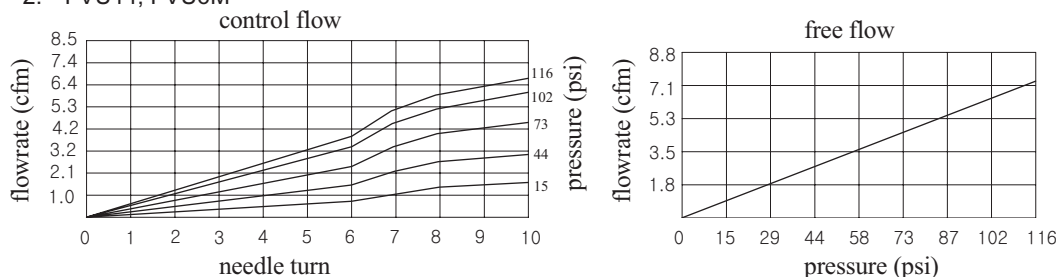
# Pneumatic Push-to-Connect Flow Control (Speed Controller) Valves

## Flowrate Charts

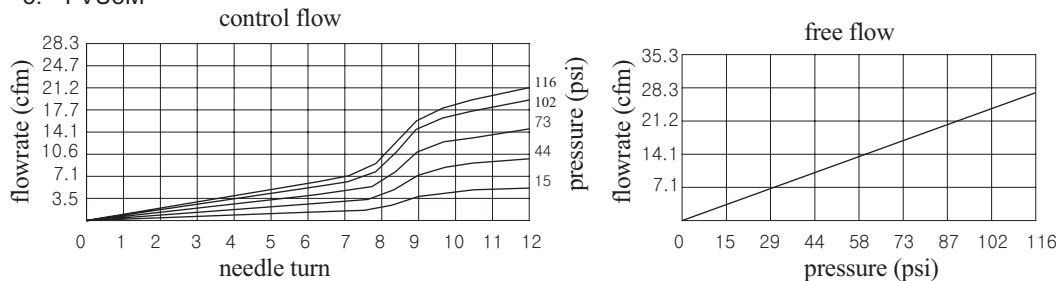
### 1. FVU532



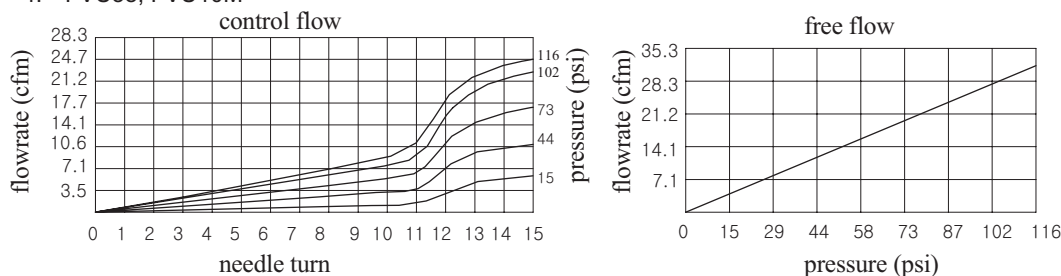
### 2. FVU14, FVU6M



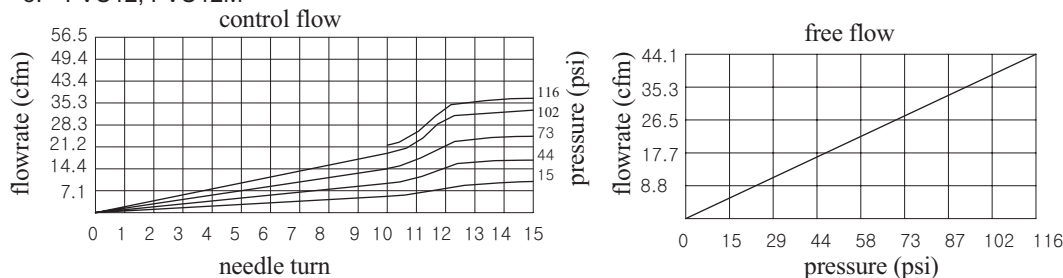
### 3. FVU8M



### 4. FVU38, FVU10M



### 5. FVU12, FVU12M





# Pneumatic Push-to-Connect Fittings

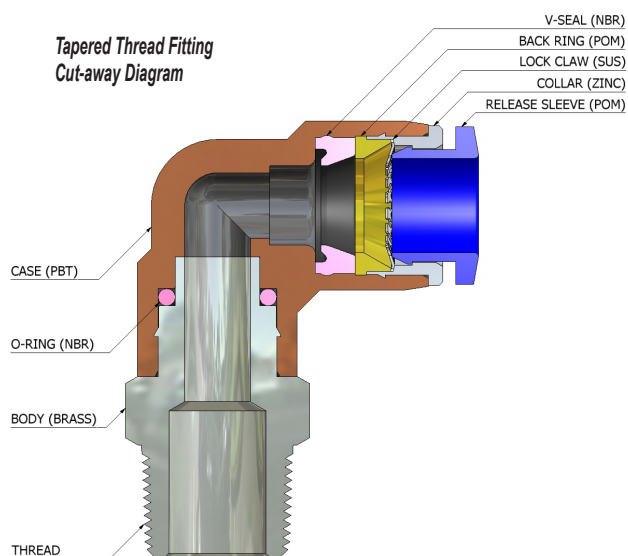
**NITRA** pneumatic push-to-connect fitting bodies are made of a strong thermoplastic (PBT) and have stainless steel tube gripping claws. Threaded components are made of nickel-plated brass and have pre-applied Teflon thread sealant (O-ring on #10-32, M5 and G threads). The bodies of elbow and tee fittings with threaded connections can be rotated after installation to allow for variations in piping direction. NITRA Polyurethane and Nylon 12 tubing is easily connected by simply inserting the tubing end into the fitting. To release the tubing, press the circular release ring and the tubing can be easily pulled out.

## Features

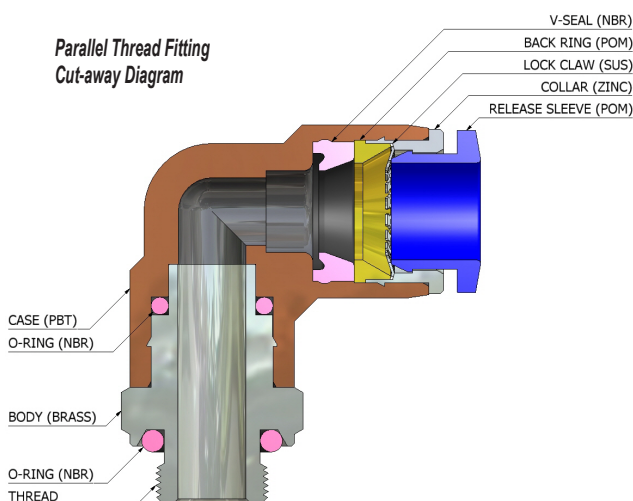
- Large selection of fitting configurations
- Inch and metric sizes available
- NPT, BSPT (R), and BSPP (G) threads available
- Tough thermoplastic bodies, stainless steel tube gripping claws, nickel-plated threads with pre-applied Teflon sealant (O-ring on #10-32, M5 and G threads)
- Threaded Elbow and Tee bodies can be rotated after installation
- Release rings are color coded to differentiate between inch and metric sizes
- For use with air only
- Working pressure: -29.5" Hg to 150 psi.
- Working temperature: 32 to 140°F (0 to 60°C)



*Tapered Thread Fitting  
Cut-away Diagram*

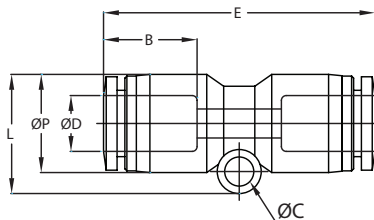


*Parallel Thread Fitting  
Cut-away Diagram*





# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect union straight fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting

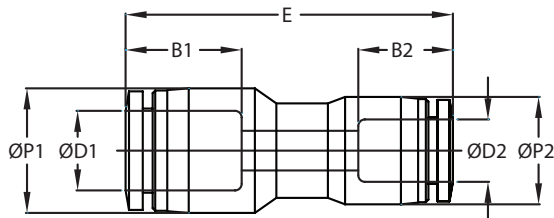


Metric Fitting

NITRA Union Straight											
Inch Sizes - dimensions in inches (in.)											
Part No.	Price	Size	ØD	ØP	L	E	ØC	B	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">US18*</a>	\$10.50	1/8 in.	1/8	0.30	N/A	0.93	N/A	0.44	0.09	0.2	5
<a href="#">US532*</a>	\$9.25	5/32 in (4 mm)	5/32	0.41	0.50	1.35	0.13	0.59	0.12	0.2	5
<a href="#">US14</a>	\$10.00	1/4 in.	1/4	0.51	0.64	1.45	0.14	0.66	0.19	0.2	5
<a href="#">US38</a>	\$13.00	3/8 in.	3/8	0.69	0.85	1.67	0.18	0.79	0.31	0.3	5
<a href="#">US12</a>	\$15.50	1/2 in.	1/2	0.83	0.96	1.92	0.18	0.90	0.35	0.3	5
Metric Sizes - dimensions in millimeters (mm)											
<a href="#">US6M</a>	\$9.75	6 mm	6	12.5	14.7	36.5	3.3	16.4	4.0	0.2	5
<a href="#">US8M</a>	\$11.50	8 mm (5/16 in.)	8	14.5	17.6	40.1	4.3	18.7	6.5	0.2	5
<a href="#">US10M</a>	\$13.00	10 mm	10	17.5	20.0	43.4	4.3	20.1	8.0	0.4	5
<a href="#">US12M</a>	\$15.00	12 mm	12	20.5	23.3	48.3	4.3	22.8	10.0	0.4	5
<a href="#">US16M</a>	\$33.00	16 mm	16	25.5	25.5	51.6	4.3	24.1	13.0	0.4	5

\* US18 does not have mounting sleeve

\*\* US532 has blue release rings



**NITRA** pneumatic push-to-connect union reducer fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting

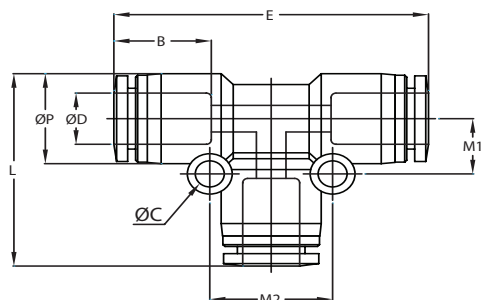


Metric Fitting

NITRA Union Reducer												
Inch Sizes - dimensions in inches (in.)												
Part No.	Price	Size	ØD1	ØD2	ØP1	ØP2	E	B1	B2	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">UR532-18</a>	\$12.50	5/32 in. (4 mm) x 1/8 in.	5/32	1/8	0.33	0.30	0.95	0.46	0.44	0.09	0.1	5
<a href="#">UR14-18</a>	\$13.00	1/4 in. x 1/8 in.	1/4	1/8	0.44	0.30	1.06	0.53	0.44	0.09	0.1	5
<a href="#">UR14-532</a>	\$11.50	1/4 in. x 5/32 in. (4 mm)	1/4	5/32	0.51	0.41	1.40	0.66	0.59	0.13	0.1	5
<a href="#">UR516-14</a>	\$10.50	5/16 in. x 1/4 in.	5/16	1/4	0.57	0.51	1.50	0.72	0.66	0.20	0.2	5
<a href="#">UR38-14</a>	\$14.00	3/8 in. x 1/4 in.	3/8	1/4	0.69	0.51	1.56	0.79	0.66	0.20	0.2	5
<a href="#">UR38-516</a>	\$13.50	3/8 in. x 5/16 in.	3/8	5/16	0.69	0.57	1.61	0.79	0.72	0.26	0.3	5
<a href="#">UR12-38</a>	\$20.50	1/2 in. x 3/8 in.	1/2	3/8	0.83	0.69	1.78	0.90	0.79	0.31	0.4	5
Metric Sizes - dimensions in millimeters (mm)												
<a href="#">UR6M-4M</a>	\$13.50	6 mm x 4 mm (5/32 in.)	6.0	4.0	12.5	10.5	35.2	16.4	14.9	3.0	0.1	5
<a href="#">UR8M-6M</a>	\$14.00	8 mm (5/16 in.) x 6 mm	8.0	6.0	14.5	12.5	38.1	18.7	16.4	4.0	0.2	5
<a href="#">UR10M-8M</a>	\$14.00	10 mm x 8 mm (5/16 in.)	10.0	8.0	17.5	14.5	40.3	20.1	18.7	6.5	0.3	5
<a href="#">UR12M-10M</a>	\$19.50	12 mm x 10 mm	12.0	10.0	20.5	17.5	43.8	22.8	20.1	8.0	0.3	5
<a href="#">UR16M-12M</a>	\$25.00	16 mm x 12 mm	16.0	12.0	25.5	20.5	49.9	24.1	22.8	10.0	0.4	5



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect union tee fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting



Metric Fitting

## NITRA Union Tee

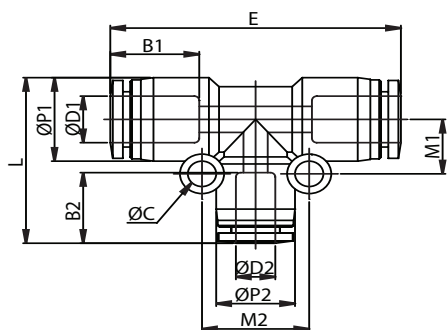
*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Size	ØD	ØP	L	E	ØC	B	M1	M2	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>UT18</u></a>	\$18.00	1/8 in.	1/8	0.30	0.53	0.53	0.13	0.44	0.21	0.42	0.09	0.1	5
<a href="#"><u>UT532*</u></a>	\$13.00	5/32 in. (4 mm)	5/32	0.41	0.94	1.43	0.13	0.59	0.25	0.50	0.12	0.1	5
<a href="#"><u>UT14</u></a>	\$13.50	1/4 in.	1/4	0.51	1.09	1.68	0.14	0.66	0.32	0.65	0.19	0.2	5
<a href="#"><u>UT38</u></a>	\$15.00	3/8 in.	3/8	0.69	1.35	2.02	0.18	0.79	0.43	0.87	0.31	0.4	5
<a href="#"><u>UT12</u></a>	\$21.00	1/2 in.	1/2	0.83	1.60	2.38	0.18	0.90	0.50	1.00	0.35	0.4	5

*Metric Sizes - dimensions in millimeters (mm)*

<a href="#"><u>UT6M</u></a>	\$13.00	6 mm	6	12.5	27.3	41.5	3.3	16.4	7.7	15.4	5.0	0.2	5
<a href="#"><u>UT8M</u></a>	\$14.00	8 mm (5/16 in.)	8	14.5	31.0	45.6	4.3	18.7	8.9	17.8	6.5	0.2	5
<a href="#"><u>UT10M</u></a>	\$15.50	10 mm	10	17.5	34.1	48.4	4.3	20.1	9.8	19.7	8.0	0.4	5
<a href="#"><u>UT12M</u></a>	\$20.50	12 mm	12	20.5	40.1	57.3	4.3	22.8	13.2	26.3	10.0	0.4	5
<a href="#"><u>UT16M</u></a>	\$30.50	16 mm	16	25.5	47.0	68.6	5.3	24.1	15.9	31.8	13.0	0.4	5

\* UT532 has blue release rings



**NITRA** pneumatic push-to-connect union tee reducer fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting



Metric Fitting

## NITRA Union Tee Reducer

*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Size	ØD1	ØD2	ØP1	ØP2	L	E	ØC	B1	B2	M1	M2	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>UTR14-532</u></a>	\$13.00	1/4 in. x 5/32 in. (4 mm)	1/4	5/32	0.51	0.41	1.04	1.60	0.17	0.66	0.59	0.32	0.57	0.13	0.2	5
<a href="#"><u>UTR516-14</u></a>	\$13.50	5/16 in. x 1/4 in.	5/16	1/4	0.57	0.51	0.89	0.89	0.18	0.72	0.66	0.38	0.69	0.20	0.2	5
<a href="#"><u>UTR38-14</u></a>	\$15.50	3/8 in. x 1/4 in.	3/8	1/4	0.69	0.51	1.26	1.90	0.18	0.79	0.66	0.43	0.69	0.20	0.3	5
<a href="#"><u>UTR38-516</u></a>	\$14.50	3/8 in. x 5/16 in.	3/8	5/16	0.69	0.57	0.98	0.97	0.17	0.79	0.72	0.43	0.74	0.26	0.4	5
<a href="#"><u>UTR12-38</u></a>	\$21.50	1/2 in. x 3/8 in.	1/2	3/8	0.83	0.69	1.44	2.30	0.18	0.90	0.79	0.50	0.87	0.31	0.4	5

*Metric Sizes - dimensions in millimeters (mm)*

<a href="#"><u>UTR6M-4M</u></a>	\$13.50	6 mm x 4 mm (5/32 in.)	6	4	12.5	10.4	25.4	41.6	3.3	16.4	14.9	7.9	13.8	3.0	0.2	5
<a href="#"><u>UTR8M-6M</u></a>	\$15.00	8 mm (5/16 in.) x 6 mm	8	6	14.8	12.5	29.3	46.1	4.5	18.7	16.4	9.6	17.0	5.0	0.4	5
<a href="#"><u>UTR10M-8M</u></a>	\$17.00	10 mm x 8 mm (5/16 in.)	10	8	17.5	14.5	33.9	49.4	4.3	20.1	18.7	10.9	18.8	6.5	0.4	5
<a href="#"><u>UTR12M-10M</u></a>	\$22.50	12 mm x 10 mm	12	10	20.5	17.5	37.6	56.1	4.3	22.8	20.1	12.4	21.9	8.0	0.4	5
<a href="#"><u>UTR16M-10M</u></a>	\$30.00	16 mm x 10 mm	16	10	25.5	17.5	42.8	61.6	5.3	24.1	20.1	15.9	22.8	8.0	0.4	5
<a href="#"><u>UTR16M-12M</u></a>	\$30.50	16 mm x 12 mm	16	12	25.5	20.5	45.3	64.6	5.3	24.1	22.8	15.9	25.8	10.0	0.4	5



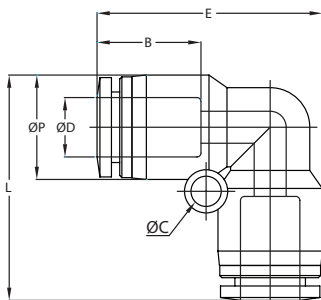
# Pneumatic Push-to-Connect Fittings



Inch Fitting



Metric Fitting



**NITRA** pneumatic push-to-connect union elbow fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.

NITRA Union Elbow											
Inch Sizes - dimensions in inches (in.)											
Part No.	Price	Size	ØD	ØP	L	E	ØC	B	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>UL18</u></a>	\$10.50	1/8 in.	1/8	0.30	0.70	0.70	0.13	0.44	0.10	0.1	5
<a href="#"><u>UL532*</u></a>	\$8.00	5/32 in. (4 mm)	5/32	0.41	0.95	0.95	0.13	0.59	0.12	0.1	5
<a href="#"><u>UL14</u></a>	\$9.25	1/4 in.	1/4	0.51	1.09	1.09	0.14	0.66	0.19	0.1	5
<a href="#"><u>UL38</u></a>	\$13.00	3/8 in.	3/8	0.69	1.35	1.35	0.18	0.79	0.31	0.3	5
<a href="#"><u>UL12</u></a>	\$14.00	1/2 in.	1/2	0.83	1.60	1.60	0.18	0.90	0.35	0.4	5
Metric Sizes - dimensions in millimeters (mm)											
<a href="#"><u>UL6M</u></a>	\$8.50	6 mm	6	12.5	27.3	27.3	4.3	16.4	5.0	0.2	5
<a href="#"><u>UL8M</u></a>	\$11.00	8 mm (5/16 in.)	8	14.5	31.3	31.3	4.3	18.7	7.0	0.2	5
<a href="#"><u>UL10M</u></a>	\$13.50	10 mm	10	17.5	33.9	33.9	4.3	20.1	8.0	0.4	5
<a href="#"><u>UL12M</u></a>	\$13.50	12 mm	12	20.5	38.8	38.8	4.3	22.8	10.0	0.4	5
<a href="#"><u>UL16M</u></a>	\$33.00	16 mm	16	25.5	47.0	47.0	5.3	24.1	13.0	0.4	5

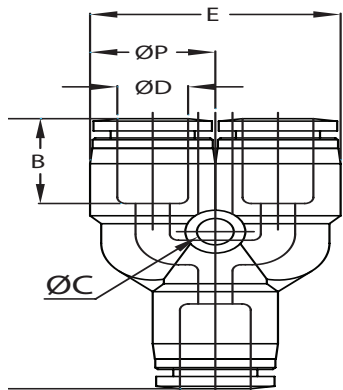
\* UL532 has blue release rings



Inch Fitting



Metric Fitting



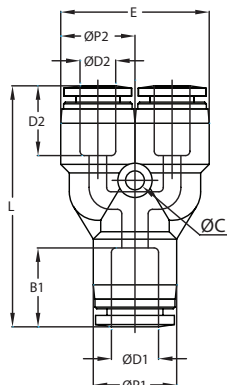
**NITRA** pneumatic push-to-connect union Y fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.

NITRA Union Y											
Inch Sizes - dimensions in inches (in)											
Part No.	Price	Size	ØD	ØP	L	E	ØC	B	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>UY18</u></a>	\$21.50	1/8 in.	1/8	0.30	1.06	0.60	0.13	0.44	0.09	0.1	5
<a href="#"><u>UY532*</u></a>	\$14.00	5/32 in. (4 mm)	5/32	0.41	1.43	0.83	0.13	0.63	0.10	0.1	5
<a href="#"><u>UY14</u></a>	\$16.00	1/4 in.	1/4	0.51	1.57	1.02	0.13	0.70	0.16	0.1	5
<a href="#"><u>UY38</u></a>	\$20.00	3/8 in.	3/8	0.69	1.85	1.38	0.18	0.78	0.31	0.4	5
<a href="#"><u>UY12</u></a>	\$24.50	1/2 in.	1/2	0.83	2.16	1.65	0.18	0.90	0.41	0.4	5
Metric Sizes - dimensions in millimeters (mm)											
<a href="#"><u>UY6M</u></a>	\$13.50	6 mm	6	13.0	39.3	26.0	3.3	17.6	5.2	0.2	5
<a href="#"><u>UY8M</u></a>	\$14.00	8 mm (5/16 in.)	8	14.6	44.1	29.2	4.3	19.0	6.8	0.2	5
<a href="#"><u>UY10M</u></a>	\$18.50	10 mm	10	17.5	47.1	35.0	4.5	19.8	8.0	0.4	5
<a href="#"><u>UY12M</u></a>	\$24.00	12 mm	12	21.0	54.1	42.0	4.5	22.7	10.3	0.4	5

\* UY532 has blue release rings



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect union reducer Y fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.

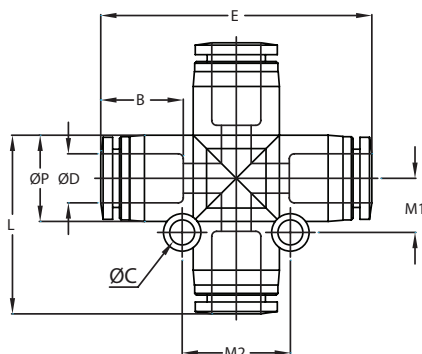


Inch Fitting



Metric Fitting

NITRA Union Reducer Y														
Inch Sizes - dimensions in inches (in.)														
Part No.	Price	Size	ØD1	ØD2	ØP1	ØP2	L	E	ØC	B1	D2	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">URY532-18</a>	\$26.00	5/32 in. (4 mm) x 1/8 in.	5/32	1/8	0.34	0.30	1.08	0.60	0.13	0.46	0.44	0.09	0.1	5
<a href="#">URY14-18</a>	\$28.00	1/4 in. x 1/8 in.	1/4	1/8	0.44	0.30	1.15	0.60	0.13	0.53	0.44	0.09	0.1	5
<a href="#">URY14-532</a>	\$18.00	1/4 in. x 5/32 in. (4 mm)	1/4	5/32	0.51	0.41	1.50	0.83	0.13	0.70	0.63	0.13	0.1	5
<a href="#">URY516-14</a>	\$18.00	5/16 in. (8 mm) x 1/4 in.	5/16	1/4	0.57	0.51	1.66	1.02	0.13	0.74	0.70	0.20	0.2	5
<a href="#">URY38-14</a>	\$20.00	3/8 in. x 1/4 in.	3/8	1/4	0.69	0.51	1.70	1.02	0.13	0.78	0.70	0.20	0.2	5
<a href="#">URY38-516</a>	\$21.00	3/8 in. x 5/16 in. (8 mm)	3/8	5/16	0.69	0.57	1.75	1.14	0.17	0.78	0.74	0.20	0.3	5
<a href="#">URY12-38</a>	\$28.50	1/2 in. x 3/8 in.	1/2	3/8	0.83	0.69	2.00	1.38	0.18	0.90	0.78	0.28	0.3	5
Metric Sizes - dimensions in millimeters (mm)														
<a href="#">URY6M-4M</a>	\$17.00	6 mm x 4 mm (5/32 in.)	6	4	13.0	10.5	37.8	21.0	3.3	17.6	16.1	3.4	0.1	5
<a href="#">URY8M-6M</a>	\$20.00	8 mm (5/16 in.) x 6 mm	8	6	14.6	13.0	42.2	26.0	3.3	19.0	17.6	5.4	0.2	5
<a href="#">URY10M-8M</a>	\$21.50	10 mm x 8 mm (5/16 in.)	10	8	17.5	14.6	44.8	29.2	4.3	19.7	19.0	7.0	0.3	5
<a href="#">URY12M-10M</a>	\$28.50	12 mm x 10 mm	12	10	21.0	17.5	50.6	35.0	4.5	22.7	19.8	8.0	0.3	5



**NITRA** pneumatic push-to-connect union cross fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting



Metric Fitting

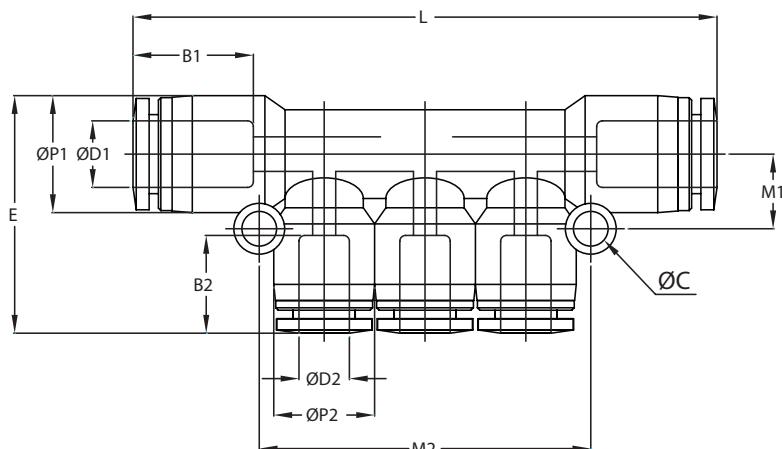
NITRA Union Cross													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	ØD	ØP	L	E	ØC	B	M1	M2	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">UX532*</a>	\$22.00	5/32 in. (4 mm)	5/32	0.41	0.91	1.41	0.31	0.59	0.25	0.50	0.10	0.3	5
<a href="#">UX14</a>	\$23.50	1/4 in.	1/4	0.51	1.09	1.68	0.13	0.66	0.32	0.64	0.20	0.3	5
<a href="#">UX38</a>	\$30.00	3/8 in.	3/8	0.69	1.30	1.90	0.17	0.79	0.40	0.80	0.28	0.6	5
<a href="#">UX12</a>	\$33.00	1/2 in.	1/2	0.83	1.60	2.38	0.17	0.90	0.50	1.00	0.35	0.6	5
Metric Sizes - dimensions in millimeters (mm)													
<a href="#">UX6M</a>	\$23.00	6 mm	6	12.5	27.0	41.5	3.3	16.4	7.4	14.9	4.5	0.4	5
<a href="#">UX8M</a>	\$27.50	8 mm (5/16 in.)	8	14.5	30.0	45.6	4.2	18.7	9.1	18.2	6.0	0.4	5
<a href="#">UX10M</a>	\$30.50	10 mm	10	17.5	32.9	48.4	4.3	20.1	10.1	20.3	7.4	0.6	5
<a href="#">UX12M</a>	\$32.00	12 mm	12	20.5	37.9	55.3	4.3	22.8	11.8	23.7	9.0	0.6	5

\* UX532 has blue release rings





# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect union tri-branch fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting



Metric Fitting

## NITRA Union Tri-Branch

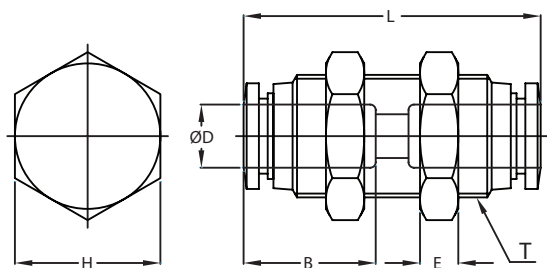
*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Size	ØD1	ØD2	ØP1	ØP2	L	E	ØC	B1	B2	M1	M2	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">U3B14-532</a>	\$31.00	1/4 in. x 5/32 in. (4 mm)	1/4	5/32	0.51	0.41	2.43	1.06	0.18	0.66	0.59	0.34	1.42	0.13	0.4	5
<a href="#">U3B516-14</a>	\$33.50	5/16 in. (8 mm) x 1/4 in.	5/16	1/4	0.57	0.51	2.83	1.18	0.18	0.72	0.66	0.38	1.71	0.19	0.5	5
<a href="#">U3B38-14</a>	\$40.00	3/8 in. x 1/4 in.	3/8	1/4	0.69	0.51	2.91	1.26	0.18	0.79	0.66	0.43	1.71	0.20	0.6	5
<a href="#">U3B38-516</a>	\$37.50	3/8 in. x 5/16 in. (8 mm)	3/8	5/16	0.69	0.57	3.29	1.36	0.17	0.79	0.72	0.37	1.85	0.27	0.6	5

*Metric Sizes - dimensions in millimeters (mm)*

<a href="#">U3B6M-4M</a>	\$29.50	6 mm x 4 mm (5/32 in.)	6	4	12.5	10.5	63.2	25.9	3.3	16.4	14.9	7.5	34.0	3.0	0.4	5
<a href="#">U3B8M-6M</a>	\$35.00	8 mm (5/16 in.) x 6 mm	8	6	14.5	12.5	72.4	29.4	4.3	18.7	16.4	9.2	41.1	4.0	0.6	5
<a href="#">U3B10M-8M</a>	\$42.50	10 mm x 8 mm (5/16 in.)	10	8	17.5	14.5	83.6	34.8	4.3	20.1	18.7	9.5	47.0	6.5	0.7	5

**NITRA** pneumatic push-to-connect bulkhead union fitting with nickel-plated brass body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting



Metric Fitting

## NITRA Bulkhead Union

*Inch Sizes - dimensions in inches (in.)*

Part No.	Price	Size	ØD	T	L	E	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">UB532*</a>	\$20.00	5/32 in. (4 mm)	5/32	M12*1.0p	1.40	0.16	0.58	0.55	0.12	0.2	5
<a href="#">UB14</a>	\$21.00	1/4 in.	1/4	M14*1.0p	1.54	0.16	0.67	0.67	0.20	0.3	5
<a href="#">UB38</a>	\$29.00	3/8 in.	3/8	M20*1.0p	1.69	0.20	0.77	0.94	0.31	0.6	5
<a href="#">UB12</a>	\$38.50	1/2 in.	1/2	M22*1.0p	1.95	0.20	0.89	1.02	0.43	0.9	5

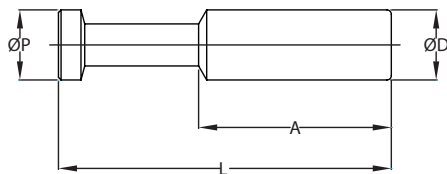
*Metric Sizes - dimensions in millimeters (mm)*

<a href="#">UB6M</a>	\$20.50	6 mm	6	M14*1.0p	39.9	4	16.4	17	5.0	0.2	5
<a href="#">UB8M</a>	\$25.00	8 mm (5/16 in.)	8	M16*1.0p	42.2	5	18.4	19	7.0	0.4	5
<a href="#">UB10M</a>	\$30.50	10 mm	10	M20*1.0p	45.1	5	19.6	24	9.0	0.6	5
<a href="#">UB12M</a>	\$31.50	12 mm	12	M22*1.0p	50.3	5	21.9	26	11.0	0.8	5

\* UB532 has blue release rings



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic plug fitting. For use with push-to-connect fittings. Five fittings per package.

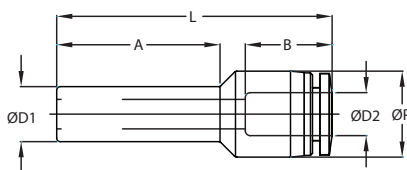


Inch/Metric Fitting

NITRA Plug								
Inch Sizes - dimensions in inches (in.)								
Part No.	Price	Size	ØD	ØP	L	A	Package Weight (lbs)	Qty. per pack
<a href="#"><u>PLUG532</u></a>	\$4.00	5/32 in. (4 mm)	5/32	5/32	1.18	0.71	0.1	5
<a href="#"><u>PLUG14</u></a>	\$4.25	1/4 in.	1/4	1/4	1.34	0.79	0.1	5
<a href="#"><u>PLUG38</u></a>	\$5.00	3/8 in.	3/8	3/8	1.65	0.98	0.1	5
<a href="#"><u>PLUG12</u></a>	\$6.00	1/2 in.	1/2	1/2	1.81	1.10	0.1	5
Metric Sizes - dimensions in millimeters (mm)								
<a href="#"><u>PLUG6M</u></a>	\$4.00	6 mm	6	6	34.0	20.0	0.1	5
<a href="#"><u>PLUG8M</u></a>	\$4.75	8 mm (5/16 in.)	8	8	38.0	22.0	0.1	5
<a href="#"><u>PLUG10M</u></a>	\$5.25	10 mm	10	10	42.0	25.0	0.1	5
<a href="#"><u>PLUG12M</u></a>	\$6.00	12 mm	12	12	46.0	28.0	0.1	5
<a href="#"><u>PLUG16M</u></a>	\$12.00	16 mm	16	16	50.0	30.0	0.1	5



Inch Fitting



**NITRA** pneumatic plug-in to push-to-connect reducer fitting with thermoplastic (PBT) body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.

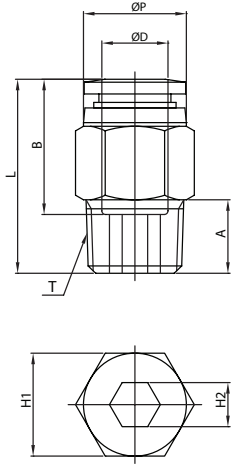


Metric Fitting

NITRA Plug-In Reducer											
Inch Sizes - dimensions in inches (in.)											
Part No.	Price	Size	ØD1	ØD2	ØP	L	A	B	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>PR532-18</u></a>	\$21.50	5/32 in. (4 mm) x 1/8 in.	5/32	1/8	0.30	1.20	0.71	0.44	0.09	0.1	5
<a href="#"><u>PR14-18</u></a>	\$22.50	1/4 in. x 1/8 in.	1/4	1/8	0.30	1.26	0.85	0.44	0.09	0.1	5
<a href="#"><u>PR14-532</u></a>	\$6.75	1/4 in. x 5/32 in. (4 mm)	1/4	5/32	0.41	1.59	0.89	0.59	0.13	0.1	5
<a href="#"><u>PR516-14</u></a>	\$7.75	5/16 in. (8 mm) x 1/4 in.	5/16	1/4	0.51	1.89	1.13	0.66	0.16	0.1	5
<a href="#"><u>PR38-14</u></a>	\$7.75	3/8 in. x 1/4 in.	3/8	1/4	0.51	1.89	1.23	0.66	0.22	0.1	5
<a href="#"><u>PR38-516</u></a>	\$9.50	3/8 in. x 5/16 in. (8 mm)	3/8	5/16	0.58	1.76	0.96	0.72	0.26	0.1	5
<a href="#"><u>PR12-38</u></a>	\$8.50	1/2 in. x 3/8 in.	1/2	3/8	0.69	2.04	1.20	0.79	0.31	0.1	5
Metric Sizes - dimensions in millimeters (mm)											
<a href="#"><u>PR6M-4M</u></a>	\$6.50	6 mm x 4 mm (5/32 in.)	6	4	10.5	37.8	21.7	14.9	3.0	0.1	5
<a href="#"><u>PR8M-6M</u></a>	\$6.75	8 mm (5/16 in.) x 6 mm	8	6	12.5	40.0	23.7	16.4	4.8	0.1	5
<a href="#"><u>PR10M-8M</u></a>	\$8.00	10 mm x 8 mm (5/16 in.)	10	8	14.8	46.8	27.6	18.7	6.8	0.1	5
<a href="#"><u>PR12M-10M</u></a>	\$8.50	12 mm x 10 mm	12	10	17.5	50.8	31.2	20.1	8.0	0.1	5
<a href="#"><u>PR16M-12M</u></a>	\$15.50	16 mm x 12 mm	16	12	20.5	63.0	38.0	23.6	9.9	0.1	5



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect male straight fitting with nickel-plated brass body, stainless steel tube gripping claws and pre-applied Teflon thread sealant (#10-32, M5 and G threads have O-ring instead of thread sealant). For use with polyurethane or nylon tubing. Five fittings per package.



*Inch Fitting and M3 Fittings*



*R-Thread (BSPT)  
Metric Fitting*



*G-Thread (BSPP)  
Metric Fitting*

NITRA Male Straight													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	ØD	ØP	T	L	A	B	H1 (Hex)	H2 (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>MS18-M3</u></a>	\$11.00	1/8 in. x M3	1/8	0.36	M3	0.73	0.12	0.44	8mm	N/A	0.06	0.1	5
<a href="#"><u>MS18-10N</u></a>	\$11.50	1/8 in. x #10-32	1/8	0.28	UNF 10-32	0.65	0.14	0.44	5/16	N/A	0.08	0.1	5
<a href="#"><u>MS18-18N</u></a>	\$12.50	1/8 in. x 1/8 NPT	1/8	0.28	NPT 1/8	0.67	0.33	0.44	7/16	N/A	0.10	0.1	5
<a href="#"><u>MS18-14N</u></a>	\$14.50	1/8 in. x 1/4 NPT	1/8	0.28	NPT 1/4	0.85	0.41	0.44	9/16	N/A	0.10	0.1	5
<a href="#"><u>MS532-M3</u></a>	\$11.00	5/32 in. (4 mm) x M3	5/32	0.41	M3	0.77	0.12	0.46	8mm	N/A	0.06	0.1	5
<a href="#"><u>MS532-10N</u></a>	\$6.50	5/32 in. (4 mm) x #10-32	5/32	0.41	UNF 10-32	0.88	0.16	0.58	7/16	3/32	0.10	0.1	5
<a href="#"><u>MS532-18N</u></a>	\$6.50	5/32 in. (4 mm) x 1/8 NPT	5/32	0.41	NPT 1/8	0.76	0.33	0.58	7/16	1/8	0.13	0.1	5
<a href="#"><u>MS532-14N</u></a>	\$6.50	5/32 in. (4 mm) x 1/4 NPT	5/32	0.41	NPT 1/4	0.86	0.41	0.58	9/16	1/8	0.13	0.2	5
<a href="#"><u>MS14-10N</u></a>	\$7.25	1/4 in. x #10-32	1/4	0.50	UNF 10-32	0.95	0.16	0.67	1/2	3/32	0.10	0.1	5
<a href="#"><u>MS14-18N</u></a>	\$6.50	1/4 in. x 1/8 NPT	1/4	0.50	NPT 1/8	0.94	0.33	0.67	1/2	3/16	0.19	0.2	5
<a href="#"><u>MS14-14N</u></a>	\$6.75	1/4 in. x 1/4 NPT	1/4	0.50	NPT 1/4	0.92	0.41	0.67	9/16	3/16	0.19	0.2	5
<a href="#"><u>MS14-38N</u></a>	\$9.75	1/4 in. x 3/8 NPT	1/4	0.50	NPT 3/8	0.96	0.45	0.67	11/16	3/16	0.19	0.2	5
<a href="#"><u>MS516-18N</u></a>	\$8.00	5/16 in. (8 mm) x 1/8 NPT	5/16	0.55	NPT 1/8	1.13	0.33	0.73	9/16	3/16	0.19	0.2	5
<a href="#"><u>MS516-14N</u></a>	\$8.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.55	NPT 1/4	1.04	0.41	0.73	9/16	1/4	0.25	0.2	5
<a href="#"><u>MS516-38N</u></a>	\$9.50	5/16 in. (8 mm) x 3/8 NPT	5/16	0.55	NPT 3/8	0.96	0.45	0.73	11/16	1/4	0.25	0.2	5
<a href="#"><u>MS38-18N</u></a>	\$10.50	3/8 in. x 1/8 NPT	3/8	0.66	NPT 1/8	1.18	0.33	0.77	11/16	3/16	0.19	0.2	5
<a href="#"><u>MS38-14N</u></a>	\$11.00	3/8 in. x 1/4 NPT	3/8	0.66	NPT 1/4	1.22	0.41	0.77	11/16	1/4	0.25	0.2	5
<a href="#"><u>MS38-38N</u></a>	\$11.00	3/8 in. x 3/8 NPT	3/8	0.66	NPT 3/8	1.09	0.45	0.77	11/16	5/16	0.31	0.2	5
<a href="#"><u>MS38-12N</u></a>	\$14.00	3/8 in. x 1/2 NPT	3/8	0.66	NPT 1/2	1.11	0.57	0.77	7/8	5/16	0.31	0.4	5
<a href="#"><u>MS12-14N</u></a>	\$13.50	1/2 in. x 1/4 NPT	1/2	0.82	NPT 1/4	1.39	0.41	0.89	7/8	1/4	0.25	0.4	5
<a href="#"><u>MS12-38N</u></a>	\$14.00	1/2 in. x 3/8 NPT	1/2	0.82	NPT 3/8	1.25	0.45	0.89	7/8	3/8	0.37	0.5	5
<a href="#"><u>MS12-12N</u></a>	\$15.50	1/2 in. x 1/2 NPT	1/2	0.82	NPT 1/2	1.23	0.57	0.89	7/8	3/8	0.37	0.5	5

BSPT = British Standard Pipe Taper  
BSPP = British Standard Pipe Parallel



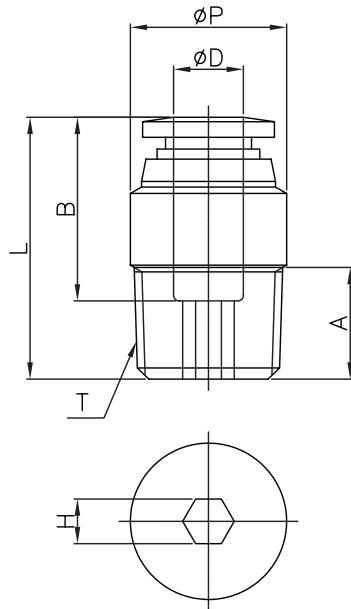
# Pneumatic Push-to-Connect Fittings

NITRA Male Straight Continued													
R-Thread (BSPT) Metric Sizes - dimensions in millimeters (mm)													
Part No.	Price	Size	øD	øP	T	L	A	B	H1 (Hex)	H2 (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>MS4M-M5</u></a>	\$7.75	4 mm (5/32 in.) x M5	4	10.0	M5*0.8p	20.8	4.0	14.7	10	-	2.5	0.1	5
<a href="#"><u>MS4M-18R</u></a>	\$6.50	4 mm (5/32 in.) x R1/8	4	10.0	R 1/8	21.9	8.0	14.7	10	3	3.5	0.2	5
<a href="#"><u>MS4M-14R</u></a>	\$6.50	4 mm (5/32 in.) x R1/4	4	10.0	R 1/4	20.9	10.0	14.7	14	3	3.5	0.2	5
<a href="#"><u>MS6M-M5</u></a>	\$7.75	6 mm x M5	6	12.0	M5*0.8p	23.1	4.0	16.4	12	-	2.5	0.3	5
<a href="#"><u>MS6M-18R</u></a>	\$6.25	6 mm x R1/8	6	12.0	R 1/8	22.4	8.0	16.4	12	4	5.0	0.4	5
<a href="#"><u>MS6M-14R</u></a>	\$6.75	6 mm x R1/4	6	12.0	R 1/4	21.9	10.0	16.4	14	5	5.0	0.4	5
<a href="#"><u>MS6M-38R</u></a>	\$9.25	6 mm x R3/8	6	12.0	R 3/8	22.9	11.0	16.4	17	5	5.0	0.5	5
<a href="#"><u>MS8M-18R</u></a>	\$8.25	8 mm (5/16 in.) x R1/8	8	14.0	R 1/8	28.4	8.0	18.4	14	5	6.0	0.5	5
<a href="#"><u>MS8M-14R</u></a>	\$8.50	8 mm (5/16 in.) x R1/4	8	14.0	R 1/4	26.4	10.0	18.4	14	6	7.0	0.6	5
<a href="#"><u>MS8M-38R</u></a>	\$10.50	8 mm (5/16 in.) x R3/8	8	14.0	R 3/8	23.9	11.0	18.4	17	6	7.0	0.4	5
<a href="#"><u>MS8M-12R</u></a>	\$11.50	8 mm (5/16 in.) x R1/2	8	14.0	R 1/2	29.4	14.0	18.4	19	6	7.0	0.5	5
<a href="#"><u>MS10M-18R</u></a>	\$11.00	10 mm x R1/8	10	16.1	R 1/8	29.8	8.0	19.6	17	5	6.0	0.6	5
<a href="#"><u>MS10M-14R</u></a>	\$11.00	10 mm x R1/4	10	16.1	R 1/4	31.3	10.0	19.6	17	6	7.0	0.6	5
<a href="#"><u>MS10M-38R</u></a>	\$11.50	10 mm x R3/8	10	16.1	R 3/8	27.4	11.0	19.6	17	8	8.0	0.7	5
<a href="#"><u>MS10M-12R</u></a>	\$15.00	10 mm x R1/2	10	16.1	R 1/2	29.8	14.0	19.6	19	8	8.0	0.8	5
<a href="#"><u>MS12M-14R</u></a>	\$13.00	12mm x R1/4	12	19.0	R 1/4	33.7	10.0	21.9	19	6	8.0	0.8	5
<a href="#"><u>MS12M-38R</u></a>	\$13.50	12 mm x R3/8	12	19.0	R 3/8	30.7	11.0	21.9	19	8	10.0	0.8	5
<a href="#"><u>MS12M-12R</u></a>	\$15.00	12 mm x R1/2	12	19.0	R 1/2	30.2	14.0	21.9	19	8	10.0	1.0	5
<a href="#"><u>MS16M-38R</u></a>	\$41.50	16 mm x R3/8	16	24.0	R 3/8	37.5	11.0	24.0	24	10	10.0	1.0	5
<a href="#"><u>MS16M-12R</u></a>	\$43.00	16 mm x R1/2	16	24.0	R 1/2	40.5	14.0	24.0	24	10	10.0	1.0	5
G-Thread (BSPP) Metric Sizes - dimensions in millimeters (mm)													
<a href="#"><u>MS4M-18G</u></a>	\$6.50	4 mm (5/32 in.) x G1/8	4	10.3	G 1/8	20.0	5.0	14.8	13	3	3.0	0.2	5
<a href="#"><u>MS4M-14G</u></a>	\$6.50	4 mm (5/32 in.) x G1/4	4	10.3	G 1/4	21.5	6.5	14.8	15	3	3.0	0.3	5
<a href="#"><u>MS6M-18G</u></a>	\$6.25	6 mm x G1/8	6	12.3	G 1/8	21.2	5.0	16.4	13	4	4.0	0.2	5
<a href="#"><u>MS6M-14G</u></a>	\$6.75	6 mm x G1/4	6	12.3	G 1/4	23.2	6.5	16.4	15	5	5.0	0.3	5
<a href="#"><u>MS6M-38G</u></a>	\$9.25	6 mm x G3/8	6	12.3	G 3/8	22.2	6.5	16.4	17	5	5.0	0.3	5
<a href="#"><u>MS8M-14G</u></a>	\$8.50	8 mm (5/16 in.) x G1/4	8	14.3	G 1/4	24.4	6.5	18.4	15	6	6.0	0.2	5
<a href="#"><u>MS8M-38G</u></a>	\$10.50	8 mm (5/16 in.) x G3/8	8	14.3	G 3/8	23.4	6.5	18.4	17	6	6.0	0.3	5
<a href="#"><u>MS8M-12G</u></a>	\$15.00	8 mm (5/16 in.) x G1/2	8	14.3	G 1/2	23.9	8.0	18.4	21	6	6.0	0.4	5
<a href="#"><u>MS10M-38G</u></a>	\$11.50	10 mm x G3/8	10	16.5	G 3/8	25.4	6.5	19.7	17	8	8.0	0.3	5
<a href="#"><u>MS10M-12G</u></a>	\$15.00	10 mm x G1/2	10	16.5	G 1/2	25.9	8.0	19.7	21	8	8.0	0.4	5

BSPT = British Standard Pipe Taper  
 BSPP = British Standard Pipe Parallel



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect round male straight fitting with nickel-plated brass body, internal hex, stainless steel tube gripping claws and pre-applied Teflon thread sealant (O-ring on #10-32 and M5 threads). For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting

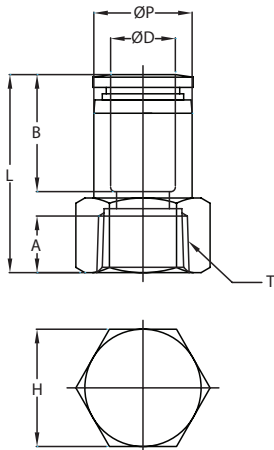


Metric Fitting

NITRA Round Male Straight												
Inch Sizes - dimensions in inches (in.)												
Part No.	Price	Size	$\phi D$	$\phi P$	T	L	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">MSR18-10N</a>	\$14.50	1/8 in. x #10-32	1/8	0.28	UNF 10-32	0.65	0.14	0.44	3/32	0.09	0.1	5
<a href="#">MSR18-18N</a>	\$11.00	1/8 in. x 1/8 NPT	1/8	0.43	NPT 1/8	0.64	0.33	0.44	3/32	0.09	0.1	5
<a href="#">MSR532-10N</a>	\$8.25	5/32 in. (4 mm) x #10-32	5/32	0.43	UNF 10-32	0.84	0.16	0.58	3/32	0.09	0.1	5
<a href="#">MSR532-18N</a>	\$6.50	5/32 in. (4 mm) x 1/8 NPT	5/32	0.43	NPT 1/8	0.82	0.33	0.58	1/8	0.13	0.1	5
<a href="#">MSR14-10N</a>	\$9.00	1/4 in. x #10-32	1/4	0.51	UNF 10-32	0.95	0.16	0.67	3/32	0.09	0.1	5
<a href="#">MSR14-18N</a>	\$7.25	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	0.93	0.33	0.67	3/16	0.19	0.1	5
<a href="#">MSR14-14N</a>	\$7.50	1/4 in. x 1/4 NPT	1/4	0.55	NPT 1/4	0.94	0.41	0.67	3/16	0.19	0.1	5
<a href="#">MSR516-18N</a>	\$10.00	5/16 in. (8 mm) x 1/8 NPT	5/16	0.55	NPT 1/8	1.13	0.33	0.73	3/16	0.19	0.1	5
<a href="#">MSR516-14N</a>	\$10.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.55	NPT 1/4	1.04	0.41	0.73	1/4	0.25	0.1	5
Metric Sizes - dimensions in millimeters (mm)												
<a href="#">MSR4M-M5</a>	\$7.50	4 mm (5/32 in.) x M5	4	10.0	M5*0.8p	20.8	4.6	14.7	2	2.0	0.1	5
<a href="#">MSR4M-18R</a>	\$6.25	4 mm (5/32 in.) x R1/8	4	10.0	R 1/8	20.7	8.0	14.7	3	3.0	0.1	5
<a href="#">MSR6M-M5</a>	\$7.75	6 mm x M5	6	12.0	M5*0.8p	23.1	4.6	16.4	2	2.0	0.1	5
<a href="#">MSR6M-18R</a>	\$6.00	6 mm x R1/8	6	12.0	R 1/8	22.7	8.0	16.4	4	4.0	0.1	5
<a href="#">MSR6M-14R</a>	\$6.50	6 mm x R1/4	6	14.0	R 1/4	23.4	10.0	16.4	4	4.0	0.2	5



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect female straight fitting with nickel-plated brass body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



*Inch Fitting*



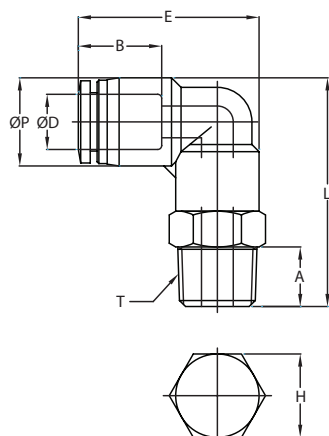
*Metric Fitting*

NITRA Female Straight												
Inch Sizes - dimensions in inches (in.)												
Part No.	Price	Size	ØD	ØP	T	L	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>FS18-10N</u></a>	\$16.50	1/8 in. x #10-32	1/8	0.30	UNF 10-32	0.74	0.24	0.44	5/16	0.10	0.1	5
<a href="#"><u>FS18-18N</u></a>	\$16.50	1/8 in. x 1/8 NPT	1/8	0.30	NPT 1/8	0.89	0.33	0.44	7/16	0.10	0.1	5
<a href="#"><u>FS18-14N</u></a>	\$16.50	1/8 in. x 1/4 NPT	1/8	0.30	NPT 1/4	1.00	0.45	0.44	11/16	0.10	0.2	5
<a href="#"><u>FS532-18N</u></a>	\$12.50	5/32 in. (4 mm) x 1/8 NPT	5/32	0.39	NPT 1/8	1.06	0.37	0.58	9/16	0.14	0.1	5
<a href="#"><u>FS532-14N</u></a>	\$14.00	5/32 in. (4 mm) x 1/4 NPT	5/32	0.39	NPT 1/4	1.16	0.45	0.58	11/16	0.14	0.2	5
<a href="#"><u>FS14-18N</u></a>	\$14.00	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.13	0.37	0.67	9/16	0.20	0.2	5
<a href="#"><u>FS14-14N</u></a>	\$15.00	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	1.21	0.45	0.67	11/16	0.20	0.2	5
<a href="#"><u>FS14-38N</u></a>	\$17.00	1/4 in. x 3/8 NPT	1/4	0.51	NPT 3/8	1.29	0.49	0.67	7/8	0.20	0.4	5
<a href="#"><u>FS516-18N</u></a>	\$19.00	5/16 in. (8 mm) x 1/8 NPT	5/16	0.55	NPT 1/8	1.16	0.37	0.77	9/16	0.24	0.2	5
<a href="#"><u>FS516-14N</u></a>	\$23.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.55	NPT 1/4	1.26	0.45	0.77	11/16	0.24	0.3	5
<a href="#"><u>FS516-38N</u></a>	\$23.00	5/16 in. (8 mm) x 3/8 NPT	5/16	0.55	NPT 3/8	1.28	0.49	0.77	7/8	0.24	0.4	5
<a href="#"><u>FS38-18N</u></a>	\$21.00	3/8 in. x 1/8 NPT	3/8	0.66	NPT 1/8	1.30	0.37	0.77	11/16	0.31	0.3	5
<a href="#"><u>FS38-14N</u></a>	\$21.00	3/8 in. x 1/4 NPT	3/8	0.66	NPT 1/4	1.30	0.45	0.77	11/16	0.31	0.3	5
<a href="#"><u>FS38-38N</u></a>	\$22.00	3/8 in. x 3/8 NPT	3/8	0.66	NPT 3/8	1.34	0.49	0.77	7/8	0.31	0.5	5
<a href="#"><u>FS38-12N</u></a>	\$28.00	3/8 in. x 1/2 NPT	3/8	0.66	NPT 1/2	1.44	0.57	0.77	15/16	0.31	0.6	5
<a href="#"><u>FS12-14N</u></a>	\$28.50	1/2 in. x 1/4 NPT	1/2	0.82	NPT 1/4	1.47	0.45	0.89	7/8	0.39	0.5	5
<a href="#"><u>FS12-38N</u></a>	\$28.50	1/2 in. x 3/8 NPT	1/2	0.82	NPT 3/8	1.47	0.49	0.89	7/8	0.39	0.6	5
<a href="#"><u>FS12-12N</u></a>	\$34.00	1/2 in. x 1/2 NPT	1/2	0.82	NPT 1/2	1.55	0.57	0.89	15/16	0.39	0.7	5
Metric Sizes - dimensions in millimeters (mm)												
<a href="#"><u>FS4M-18R</u></a>	\$12.50	4 mm (5/32 in.) x R1/8	4	10.0	R 1/8	27.0	9.0	14.7	14	3.5	0.2	5
<a href="#"><u>FS4M-14R</u></a>	\$14.00	4 mm (5/32 in.) x R1/4	4	10.0	R 1/4	29.0	11.0	14.7	17	3.5	0.2	5
<a href="#"><u>FS6M-M5</u></a>	\$15.50	6 mm x M5	6	12.0	M5*0.8p	26.7	7.0	16.4	12	4.2	0.2	5
<a href="#"><u>FS6M-18R</u></a>	\$14.00	6 mm x R1/8	6	12.0	R 1/8	28.2	9.0	16.4	14	5.0	0.2	5
<a href="#"><u>FS6M-14R</u></a>	\$15.00	6 mm x R1/4	6	12.0	R 1/4	30.2	11.0	16.4	17	5.0	0.2	5
<a href="#"><u>FS6M-38R</u></a>	\$17.00	6 mm x R3/8	6	12.0	R 3/8	31.2	12.0	16.4	22	5.0	0.4	5
<a href="#"><u>FS8M-18R</u></a>	\$17.00	8 mm (5/16 in.) x R1/8	8	14.0	R 1/8	29.4	9.0	18.4	14	6.0	0.2	5
<a href="#"><u>FS8M-14R</u></a>	\$18.50	8 mm (5/16 in.) x R1/4	8	14.0	R 1/4	31.4	11.0	18.4	17	6.0	0.2	5
<a href="#"><u>FS8M-38R</u></a>	\$20.00	8 mm (5/16 in.) x R3/8	8	14.0	R 3/8	32.4	12.0	18.4	22	6.0	0.5	5
<a href="#"><u>FS10M-18R</u></a>	\$21.50	10 mm x R1/8	10	16.4	R 1/8	32.5	9.0	19.6	17	8.5	0.3	5
<a href="#"><u>FS10M-14R</u></a>	\$21.50	10 mm x R1/4	10	16.4	R 1/4	32.5	11.0	19.6	17	8.5	0.3	5
<a href="#"><u>FS10M-38R</u></a>	\$22.50	10 mm x R3/8	10	16.4	R 3/8	33.5	12.0	19.6	22	8.5	0.5	5
<a href="#"><u>FS10M-12R</u></a>	\$28.50	10 mm x R1/2	10	16.4	R 1/2	33.5	14.0	19.6	24	8.5	0.5	5
<a href="#"><u>FS12M-14R</u></a>	\$27.50	12 mm x R1/4	12	19.0	R 1/4	37.1	11.0	21.9	22	10.0	0.5	5
<a href="#"><u>FS12M-38R</u></a>	\$28.00	12 mm x R3/8	12	19.0	R 3/8	37.1	12.0	21.9	22	10.0	0.5	5
<a href="#"><u>FS12M-12R</u></a>	\$33.00	12 mm x R1/2	12	19.0	R 1/2	39.1	14.0	21.9	24	10.0	1.0	5





# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect male elbow fitting with rotating thermoplastic (PBT) body, nickel-plated brass threads, stainless steel tube gripping claws and pre-applied Teflon thread sealant (#10-32, M5 and G threads have O-ring instead of thread sealant). For use with polyurethane or nylon tubing. Five fittings per package.



*Inch Fitting and M3 Fittings*



*R-Thread (BSPT)  
Metric Fitting*



*G-Thread (BSPP)  
Metric Fitting*

NITRA Male Elbow													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	ØD	ØP	T	L	E	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">ME18-M3</a>	\$15.50	1/8 in. x M3	1/8	0.36	M3	0.63	0.69	0.12	0.44	8mm	0.06	0.1	5
<a href="#">ME18-10N</a>	\$16.50	1/8 in. x #10-32	1/8	0.31	UNF 10-32	0.75	0.68	0.14	0.44	5/16	0.09	0.1	5
<a href="#">ME18-18N</a>	\$12.50	1/8 in. x 1/8 NPT	1/8	0.31	NPT 1/8	0.77	0.68	0.33	0.44	7/16	0.09	0.1	5
<a href="#">ME18-14N</a>	\$13.50	1/8 in. x 1/4 NPT	1/8	0.31	NPT 1/4	0.87	0.68	0.41	0.44	9/16	0.09	0.1	5
<a href="#">ME532-M3</a>	\$15.50	5/32 in. (4 mm) x M3	5/32	0.41	M3	0.66	0.73	0.12	0.46	8mm	0.06	0.1	5
<a href="#">ME532-10N</a>	\$9.50	5/32 in. (4 mm) x #10-32	5/32	0.41	UNF 10-32	1.05	0.93	0.14	0.59	7/16	0.10	0.1	5
<a href="#">ME532-18N</a>	\$10.00	5/32 in. (4 mm) x 1/8 NPT	5/32	0.41	NPT 1/8	1.19	0.93	0.33	0.59	7/16	0.12	0.1	5
<a href="#">ME532-14N</a>	\$11.00	5/32 in. (4 mm) x 1/4 NPT	5/32	0.41	NPT 1/4	1.31	0.93	0.41	0.59	9/16	0.12	0.1	5
<a href="#">ME14-10N</a>	\$10.00	1/4 in. x #10-32	1/4	0.51	UNF 10-32	1.28	1.04	0.14	0.66	1/2	0.10	0.1	5
<a href="#">ME14-18N</a>	\$10.50	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.35	1.04	0.33	0.66	1/2	0.18	0.2	5
<a href="#">ME14-14N</a>	\$11.00	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	1.46	1.04	0.41	0.66	9/16	0.18	0.2	5
<a href="#">ME14-38N</a>	\$12.50	1/4 in. x 3/8 NPT	1/4	0.51	NPT 3/8	1.50	1.04	0.45	0.66	11/16	0.18	0.3	5
<a href="#">ME516-18N</a>	\$11.50	5/16 in. (8 mm) x 1/8 NPT	5/16	0.58	NPT 1/8	1.45	1.20	0.33	0.72	9/16	0.24	0.2	5
<a href="#">ME516-14N</a>	\$12.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.58	NPT 1/4	1.53	1.20	0.41	0.72	9/16	0.24	0.3	5
<a href="#">ME516-38N</a>	\$13.50	5/16 in. (8 mm) x 3/8 NPT	5/16	0.58	NPT 3/8	1.57	1.20	0.45	0.72	11/16	0.24	0.4	5
<a href="#">ME38-18N</a>	\$16.00	3/8 in. x 1/8 NPT	3/8	0.69	NPT 1/8	1.52	1.27	0.33	0.79	11/16	0.20	0.3	5
<a href="#">ME38-14N</a>	\$16.50	3/8 in. x 1/4 NPT	3/8	0.69	NPT 1/4	1.60	1.27	0.41	0.79	11/16	0.28	0.3	5
<a href="#">ME38-38N</a>	\$16.00	3/8 in. x 3/8 NPT	3/8	0.69	NPT 3/8	1.64	1.27	0.45	0.79	11/16	0.28	0.4	5
<a href="#">ME38-12N</a>	\$22.00	3/8 in. x 1/2 NPT	3/8	0.69	NPT 1/2	1.76	1.27	0.57	0.79	7/8	0.28	0.4	5
<a href="#">ME12-14N</a>	\$20.50	1/2 in. x 1/4 NPT	1/2	0.83	NPT 1/4	1.81	1.49	0.41	0.90	3/4	0.31	0.4	5
<a href="#">ME12-38N</a>	\$22.00	1/2 in. x 3/8 NPT	1/2	0.83	NPT 3/8	1.85	1.49	0.45	0.90	3/4	0.35	0.4	5
<a href="#">ME12-12N</a>	\$23.00	1/2 in. x 1/2 NPT	1/2	0.83	NPT 1/2	1.97	1.49	0.57	0.90	7/8	0.35	0.5	5

BSPT = British Standard Pipe Taper

BSPP = British Standard Pipe Parallel





# Pneumatic Push-to-Connect Fittings

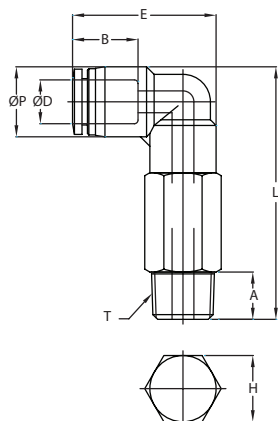
NITRA Male Elbow													
R-Thread (BSPT) Metric Sizes - dimensions in millimeters (mm)													
Part No.	Price	Size	øD	øP	T	L	E	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#"><u>ME4M-M5</u></a>	\$11.00	4 mm (5/32 in.) x M5	4	10.5	M5*0.8p	25.7	23.6	4.0	14.9	10	2.5	0.1	5
<a href="#"><u>ME4M-18R</u></a>	\$10.00	4 mm (5/32 in.) x R1/8	4	10.5	R 1/8	29.7	23.6	8.0	14.9	10	3.0	0.1	5
<a href="#"><u>ME4M-14R</u></a>	\$11.00	4 mm (5/32 in.) x R1/4	4	10.5	R 1/4	31.7	23.6	10.0	14.9	14	3.0	0.2	5
<a href="#"><u>ME6M-M5</u></a>	\$11.50	6 mm x M5	6	12.5	M5*0.8p	28.7	26.3	4.0	16.4	12	2.5	0.2	5
<a href="#"><u>ME6M-18R</u></a>	\$10.00	6 mm x R1/8	6	12.5	R 1/8	32.7	26.3	8.0	16.4	12	4.5	0.3	5
<a href="#"><u>ME6M-14R</u></a>	\$10.50	6 mm x R1/4	6	12.5	R 1/4	35.7	26.3	10.0	16.4	14	4.5	0.3	5
<a href="#"><u>ME6M-38R</u></a>	\$12.00	6 mm x R3/8	6	12.5	R 3/8	36.7	26.3	11.0	16.4	17	4.5	0.3	5
<a href="#"><u>ME8M-18R</u></a>	\$13.50	8 mm (5/16 in.) x R1/8	8	14.8	R 1/8	35.4	30.3	8.0	18.7	14	6.0	0.4	5
<a href="#"><u>ME8M-14R</u></a>	\$13.50	8 mm (5/16 in.) x R1/4	8	14.8	R 1/4	38.4	30.3	10.0	18.7	14	6.0	0.4	5
<a href="#"><u>ME8M-38R</u></a>	\$14.00	8 mm (5/16 in.) x R3/8	8	14.8	R 3/8	39.4	30.3	11.0	18.7	17	6.0	0.4	5
<a href="#"><u>ME8M-12R</u></a>	\$16.00	8 mm (5/16 in.) x R1/2	8	14.8	R 1/2	42.4	30.3	14.0	18.7	21	6.5	0.4	5
<a href="#"><u>ME10M-18R</u></a>	\$17.00	10 mm x R1/8	10	17.5	R 1/8	37.2	33.0	8.0	20.1	17	6.0	0.5	5
<a href="#"><u>ME10M-14R</u></a>	\$17.00	10 mm x R1/4	10	17.5	R 1/4	40.2	33.0	10.0	20.1	17	7.0	0.5	5
<a href="#"><u>ME10M-38R</u></a>	\$18.50	10 mm x R3/8	10	17.5	R 3/8	41.2	33.0	11.0	20.1	17	7.0	0.6	5
<a href="#"><u>ME10M-12R</u></a>	\$22.00	10 mm x R1/2	10	17.5	R 1/2	44.2	33.0	14.0	20.1	21	7.0	0.7	5
<a href="#"><u>ME12M-14R</u></a>	\$20.50	12 mm x R1/4	12	20.5	R 1/4	44.6	38.1	10.0	22.8	19	7.0	0.7	5
<a href="#"><u>ME12M-38R</u></a>	\$21.00	12 mm x R3/8	12	20.5	R 3/8	45.6	38.1	11.0	22.8	19	10.0	0.7	5
<a href="#"><u>ME12M-12R</u></a>	\$23.00	12 mm x R1/2	12	20.5	R 1/2	48.6	38.1	14.0	22.8	21	10.0	0.8	5
<a href="#"><u>ME16M-38R</u></a>	\$45.00	16 mm x R3/8	16	25.5	R 3/8	55.5	44.8	11.0	24.1	24	10.0	0.8	5
<a href="#"><u>ME16M-12R</u></a>	\$48.50	16 mm x R1/2	16	25.5	R 1/2	58.5	44.8	14.0	24.1	24	13.0	0.8	5
G-Thread (BSPP) Metric Sizes - dimensions in millimeters (mm)													
<a href="#"><u>ME4M-18G</u></a>	\$10.00	4 mm (5/32 in.) x G1/8	4	10.5	G 1/8	26.7	18.5	5.0	14.8	14	3.0	0.2	5
<a href="#"><u>ME4M-14G</u></a>	\$11.00	4 mm (5/32 in.) x G1/4	4	10.5	G 1/4	28.7	18.5	6.5	14.8	17	3.0	0.3	5
<a href="#"><u>ME6M-18G</u></a>	\$10.00	6 mm x G1/8	6	12.5	G 1/8	29.7	20.3	5.0	16.4	14	4.0	0.3	5
<a href="#"><u>ME6M-14G</u></a>	\$10.50	6 mm x G1/4	6	12.5	G 1/4	31.7	20.3	6.5	16.4	17	4.0	0.3	5
<a href="#"><u>ME6M-38G</u></a>	\$12.00	6 mm x G3/8	6	12.5	G 3/8	31.2	20.3	6.5	16.4	20	4.0	0.4	5
<a href="#"><u>ME8M-14G</u></a>	\$13.50	8 mm (5/16 in.) x G1/4	8	14.8	G 1/4	34.4	22.9	6.5	18.3	17	6.0	0.4	5
<a href="#"><u>ME8M-38G</u></a>	\$14.00	8 mm (5/16 in.) x G3/8	8	14.8	G 3/8	33.9	22.9	6.5	18.3	20	6.0	0.4	5
<a href="#"><u>ME8M-12G</u></a>	\$16.00	8 mm (5/16 in.) x G1/2	8	14.8	G 1/2	35.4	22.9	8.0	18.3	24	6.0	0.5	5
<a href="#"><u>ME10M-38G</u></a>	\$18.50	10 mm x G3/8	10	17.5	G 3/8	35.7	24.6	6.5	20.2	20	6.0	0.4	5
<a href="#"><u>ME10M-12G</u></a>	\$22.00	10 mm x G1/2	10	17.5	G 1/2	37.2	24.6	8.0	20.2	24	6.0	0.5	5

BSPT = British Standard Pipe Taper

BSPP = British Standard Pipe Parallel



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect long male elbow fitting with rotating thermoplastic (PBT) body, nickel-plated brass threads, stainless steel tube gripping claws and pre-applied Teflon thread sealant (O-ring on #10-32 and M5 threads). For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting

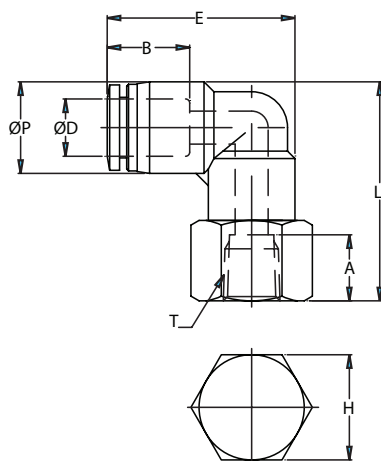


Metric Fitting

NITRA Long Male Elbow													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	ØD	ØP	T	L	E	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">MEL18-10N</a>	\$26.00	1/8 in. x #10-32	1/8	0.30	UNF 10-32	1.09	0.68	0.14	0.44	5/16	0.09	0.1	5
<a href="#">MEL18-18N</a>	\$19.00	1/8 in. x 1/8 NPT	1/8	0.30	NPT 1/8	1.11	0.68	0.33	0.44	7/16	0.09	0.1	5
<a href="#">MEL532-10N</a>	\$16.50	5/32 in. (4 mm) x #10-32	5/32	0.41	UNF 10-32	1.48	0.93	0.14	0.59	7/16	0.08	0.2	5
<a href="#">MEL532-14N</a>	\$18.50	5/32 in. (4 mm) x 1/4 NPT	5/32	0.41	NPT 1/4	1.68	0.93	0.41	0.59	9/16	0.12	0.2	5
<a href="#">MEL14-10N</a>	\$15.50	1/4 in. x #10-32	1/4	0.51	UNF 10-32	1.73	1.04	0.14	0.66	1/2	0.08	0.3	5
<a href="#">MEL14-18N</a>	\$16.00	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.87	1.04	0.33	0.66	1/2	0.18	0.2	5
<a href="#">MEL14-14N</a>	\$18.50	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	1.99	1.04	0.41	0.66	9/16	0.18	0.3	5
<a href="#">MEL14-38N</a>	\$22.50	1/4 in. x 3/8 NPT	1/4	0.51	NPT 3/8	2.03	1.04	0.45	0.66	11/16	0.18	0.3	5
<a href="#">MEL516-18N</a>	\$19.00	5/16 in. (8 mm) x 1/8 NPT	5/16	0.58	NPT 1/8	1.75	1.20	0.33	0.72	9/16	0.24	0.4	5
<a href="#">MEL516-14N</a>	\$19.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.58	NPT 1/4	1.83	1.20	0.41	0.72	9/16	0.24	0.4	5
<a href="#">MEL516-38N</a>	\$22.50	5/16 in. (8 mm) x 3/8 NPT	5/16	0.58	NPT 3/8	1.99	1.20	0.45	0.72	11/16	0.24	0.7	5
<a href="#">MEL38-18N</a>	\$24.50	3/8 in. x 1/8 NPT	3/8	0.68	NPT 1/8	2.24	1.27	0.33	0.79	11/16	0.24	0.3	5
<a href="#">MEL38-14N</a>	\$25.00	3/8 in. x 1/4 NPT	3/8	0.69	NPT 1/4	2.31	1.27	0.41	0.79	11/16	0.28	0.4	5
<a href="#">MEL38-38N</a>	\$25.00	3/8 in. x 3/8 NPT	3/8	0.69	NPT 3/8	2.35	1.27	0.45	0.79	11/16	0.28	0.5	5
<a href="#">MEL38-12N</a>	\$37.50	3/8 in. x 1/2 NPT	3/8	0.69	NPT 1/2	2.47	1.27	0.57	0.79	7/8	0.28	0.7	5
<a href="#">MEL12-14N</a>	\$37.00	1/2 in. x 1/4 NPT	1/2	0.83	NPT 1/4	2.68	1.49	0.41	0.90	3/4	0.31	0.6	5
<a href="#">MEL12-38N</a>	\$38.50	1/2 in. x 3/8 NPT	1/2	0.83	NPT 3/8	2.72	1.49	0.45	0.90	3/4	0.35	0.7	5
<a href="#">MEL12-12N</a>	\$39.00	1/2 in. x 1/2 NPT	1/2	0.83	NPT 1/2	2.83	1.49	0.57	0.90	7/8	0.35	0.8	5
Metric Sizes - dimensions in millimeters (mm)													
<a href="#">MEL4M-M5</a>	\$19.50	4 mm (5/32 in.) x M5	4	10.5	M5*0.8p	38.2	23.6	4.1	14.9	10	2.0	0.2	5
<a href="#">MEL4M-14R</a>	\$18.50	4 mm (5/32 in.) x R1/4	4	10.5	R 1/4	42.7	23.6	10.0	14.9	14	3.0	0.2	5
<a href="#">MEL6M-M5</a>	\$17.00	6 mm x M5	6	12.5	M5*0.8p	43.7	26.3	4.1	16.4	12	2.0	0.3	5
<a href="#">MEL6M-18R</a>	\$15.50	6 mm x R1/8	6	12.5	R 1/8	46.2	26.3	8.0	16.4	12	4.0	0.3	5
<a href="#">MEL6M-14R</a>	\$17.00	6 mm x R1/4	6	12.5	R 1/4	48.2	26.3	10.0	16.4	14	4.0	0.3	5
<a href="#">MEL6M-38R</a>	\$22.00	6 mm x R3/8	6	12.5	R 3/8	49.2	26.3	11.0	16.4	17	4.5	0.4	5
<a href="#">MEL8M-18R</a>	\$21.00	8 mm (5/16 in.) x R1/8	8	14.8	R 1/8	51.4	30.3	8.0	18.7	14	6.0	0.5	5
<a href="#">MEL8M-14R</a>	\$22.50	8 mm (5/16 in.) x R1/4	8	14.8	R 1/4	53.4	30.3	10.0	18.7	14	6.0	0.7	5
<a href="#">MEL8M-38R</a>	\$24.00	8 mm (5/16 in.) x R3/8	8	14.8	R 3/8	54.4	30.3	11.0	18.7	17	6.0	0.6	5
<a href="#">MEL8M-12R</a>	\$28.00	8 mm (5/16 in.) x R1/2	8	14.8	R 1/2	57.4	30.3	14.0	18.7	22	6.0	0.7	5
<a href="#">MEL10M-18R</a>	\$25.00	10 mm x R1/8	10	17.5	R 1/8	56.4	33.0	8.0	20.1	17	6.0	0.8	5
<a href="#">MEL10M-14R</a>	\$27.00	10 mm x R1/4	10	17.5	R 1/4	58.4	33.0	10.0	20.1	17	7.0	0.8	5
<a href="#">MEL10M-38R</a>	\$27.50	10 mm x R3/8	10	17.5	R 3/8	59.4	33.0	11.0	20.1	17	7.0	0.9	5
<a href="#">MEL10M-12R</a>	\$37.50	10 mm x R1/2	10	17.5	R 1/2	62.4	33.0	14.0	20.1	22	7.0	1.0	5
<a href="#">MEL12M-14R</a>	\$37.00	12 mm x R1/4	12	20.5	R 1/4	66.1	38.1	10.0	22.8	19	8.0	1.0	5
<a href="#">MEL12M-38R</a>	\$37.50	12 mm x R3/8	12	20.5	R 3/8	67.1	38.1	11.0	22.8	19	10.0	1.0	5
<a href="#">MEL12M-12R</a>	\$38.00	12 mm x R1/2	12	20.5	R 1/2	70.1	38.1	14.0	22.8	22	10.0	1.1	5



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect female elbow fitting with rotating thermoplastic (PBT) body, nickel-plated brass threads, stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting

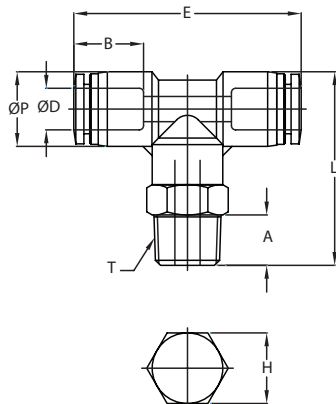


Metric Fitting

NITRA Female Elbow													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	ØD	ØP	T	L	E	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">FE532-18N</a>	\$18.50	5/32 in. (4 mm) x 1/8 NPT	5/32	0.41	NPT 1/8	1.09	0.93	0.35	0.59	9/16	0.10	0.2	5
<a href="#">FE532-14N</a>	\$20.00	5/32 in. (4 mm) x 1/4 NPT	5/32	0.41	NPT 1/4	1.09	0.93	0.43	0.59	11/16	0.10	0.2	5
<a href="#">FE14-18N</a>	\$20.00	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.24	1.04	0.35	0.66	9/16	0.16	0.2	5
<a href="#">FE14-14N</a>	\$21.00	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	1.34	1.04	0.43	0.66	11/16	0.16	0.3	5
<a href="#">FE14-38N</a>	\$23.50	1/4 in. x 3/8 NPT	1/4	0.51	NPT 3/8	1.36	1.04	0.47	0.66	7/8	0.16	0.3	5
<a href="#">FE516-18N</a>	\$21.50	5/16 in. (8 mm) x 1/8 NPT	5/16	0.58	NPT 1/8	1.31	1.20	0.35	0.72	9/16	0.24	0.2	5
<a href="#">FE516-14N</a>	\$22.50	5/16 in. (8 mm) x 1/4 NPT	5/16	0.58	NPT 1/4	1.39	1.20	0.43	0.72	11/16	0.24	0.3	5
<a href="#">FE516-38N</a>	\$22.50	5/16 in. (8 mm) x 3/8 NPT	5/16	0.58	NPT 3/8	1.43	1.20	0.47	0.72	7/8	0.24	0.3	5
<a href="#">FE38-14N</a>	\$22.00	3/8 in. x 1/4 NPT	3/8	0.69	NPT 1/4	1.46	1.27	0.43	0.79	11/16	0.28	0.3	5
<a href="#">FE38-38N</a>	\$24.00	3/8 in. x 3/8 NPT	3/8	0.69	NPT 3/8	1.50	1.27	0.47	0.79	7/8	0.28	0.3	5
<a href="#">FE38-12N</a>	\$25.00	3/8 in. x 1/2 NPT	3/8	0.69	NPT 1/2	1.58	1.27	0.57	0.79	15/16	0.28	0.4	5
<a href="#">FE12-38N</a>	\$36.00	1/2 in. x 3/8 NPT	1/2	0.83	NPT 3/8	1.71	1.49	0.47	0.90	7/8	0.35	0.5	5
<a href="#">FE12-12N</a>	\$37.50	1/2 in. x 1/2 NPT	1/2	0.83	NPT 1/2	1.79	1.49	0.57	0.90	15/16	0.35	0.6	5
Metric Sizes - dimensions in millimeters (mm)													
<a href="#">FE4M-M5</a>	\$20.00	4 mm (5/32 in.) x M5	4	10.5	M5*0.8p	26.7	23.6	8.0	14.9	10	2.5	0.2	5
<a href="#">FE4M-18R</a>	\$18.50	4 mm (5/32 in.) x R1/8	4	10.5	R 1/8	27.7	23.6	9.0	14.9	14	2.5	0.2	5
<a href="#">FE6M-M5</a>	\$20.00	6 mm x M5	6	12.5	M5*0.8p	29.7	26.3	8.0	16.4	12	4.0	0.3	5
<a href="#">FE6M-18R</a>	\$18.50	6 mm x R1/8	6	12.5	R 1/8	30.7	26.3	9.0	16.4	14	4.0	0.3	5
<a href="#">FE6M-14R</a>	\$20.50	6 mm x R1/4	6	12.5	R 1/4	32.7	26.3	11.0	16.4	17	4.0	0.3	5
<a href="#">FE6M-38R</a>	\$23.50	6 mm x R3/8	6	12.5	R 3/8	33.7	26.3	12.0	16.4	22	4.0	0.3	5
<a href="#">FE8M-18R</a>	\$20.50	8 mm (5/16 in.) x R1/8	8	14.8	R 1/8	33.4	30.3	9.0	18.7	14	6.0	0.4	5
<a href="#">FE8M-14R</a>	\$21.50	8 mm (5/16 in.) x R1/4	8	14.8	R 1/4	35.4	30.3	11.0	18.7	17	6.0	0.5	5
<a href="#">FE8M-12R</a>	\$24.50	8 mm (5/16 in.) x R1/2	8	14.8	R 1/2	38.4	30.3	14.0	18.7	24	6.0	0.6	5
<a href="#">FE10M-14R</a>	\$22.00	10 mm x R1/4	10	17.5	R 1/4	37.2	33.0	11.0	20.1	17	7.0	0.6	5
<a href="#">FE10M-38R</a>	\$24.00	10 mm x R3/8	10	17.5	R 3/8	38.2	33.0	12.0	20.1	22	7.0	0.7	5
<a href="#">FE10M-12R</a>	\$25.00	10 mm x R1/2	10	17.5	R 1/2	40.2	33.0	14.0	20.1	24	7.0	0.8	5
<a href="#">FE12M-14R</a>	\$34.00	12 mm x R1/4	12	20.5	R 1/4	41.6	38.1	11.0	22.8	19	10.0	0.8	5
<a href="#">FE12M-38R</a>	\$36.00	12 mm x R3/8	12	20.5	R 3/8	42.6	38.1	12.0	22.8	22	10.0	0.8	5
<a href="#">FE12M-12R</a>	\$37.50	12 mm x R1/2	12	20.5	R 1/2	44.6	38.1	14.0	22.8	24	10.0	0.9	5



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect male branch tee fitting with rotating thermoplastic (PBT) body, nickel-plated brass threads, stainless steel tube gripping claws and pre-applied Teflon thread sealant (O-ring on #10-32 and M5 threads). For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting

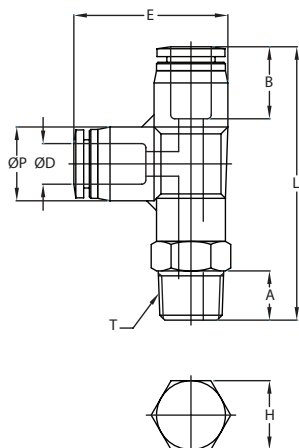


Metric Fitting

NITRA Male Branch Tee													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	ØD	ØP	T	L	E	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">MBT18-10N</a>	\$22.50	1/8 in. x #10-32	1/8	0.30	UNF 10-32	0.75	1.44	0.14	0.44	5/16	0.10	0.1	5
<a href="#">MBT18-18N</a>	\$20.00	1/8 in. x 1/8 NPT	1/8	0.30	NPT 1/8	0.77	1.44	0.33	0.44	7/16	0.10	0.1	5
<a href="#">MBT532-18N</a>	\$15.50	5/32 in. (4 mm) x 1/8 NPT	5/32	0.41	NPT 1/8	1.19	1.47	0.33	0.59	7/16	0.12	0.2	5
<a href="#">MBT532-14N</a>	\$15.50	5/32 in. (4 mm) x 1/4 NPT	5/32	0.41	NPT 1/4	1.31	1.47	0.41	0.59	9/16	0.12	0.2	5
<a href="#">MBT14-18N</a>	\$16.00	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.35	1.61	0.33	0.67	1/2	0.18	0.2	5
<a href="#">MBT14-14N</a>	\$16.00	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	1.46	1.61	0.41	0.67	9/16	0.18	0.3	5
<a href="#">MBT14-38N</a>	\$22.50	1/4 in. x 3/8 NPT	1/4	0.51	NPT 3/8	1.50	1.61	0.45	0.67	11/16	0.18	0.3	5
<a href="#">MBT516-18N</a>	\$19.00	5/16 in. (8 mm) x 1/8 NPT	5/16	0.59	NPT 1/8	1.46	1.79	0.33	0.72	9/16	0.24	0.3	5
<a href="#">MBT516-14N</a>	\$19.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.59	NPT 1/4	1.54	1.79	0.41	0.72	9/16	0.24	0.3	5
<a href="#">MBT516-38N</a>	\$20.00	5/16 in. (8 mm) x 3/8 NPT	5/16	0.59	NPT 3/8	1.58	1.79	0.45	0.72	11/16	0.24	0.3	5
<a href="#">MBT38-18N</a>	\$20.50	3/8 in. x 1/8 NPT	3/8	0.69	NPT 1/8	1.52	1.87	0.33	0.79	11/16	0.20	0.3	5
<a href="#">MBT38-14N</a>	\$20.50	3/8 in. x 1/4 NPT	3/8	0.69	NPT 1/4	1.60	1.87	0.41	0.79	11/16	0.28	0.4	5
<a href="#">MBT38-38N</a>	\$21.00	3/8 in. x 3/8 NPT	3/8	0.69	NPT 3/8	1.64	1.87	0.45	0.79	11/16	0.28	0.4	5
<a href="#">MBT38-12N</a>	\$29.00	3/8 in. x 1/2 NPT	3/8	0.69	NPT 1/2	1.76	1.87	0.57	0.79	7/8	0.28	0.5	5
<a href="#">MBT12-14N</a>	\$29.00	1/2 in. x 1/4 NPT	1/2	0.83	NPT 1/4	1.81	2.22	0.41	0.90	3/4	0.31	0.4	5
<a href="#">MBT12-38N</a>	\$29.00	1/2 in. x 3/8 NPT	1/2	0.83	NPT 3/8	1.85	2.22	0.45	0.90	3/4	0.35	0.5	5
<a href="#">MBT12-12N</a>	\$30.00	1/2 in. x 1/2 NPT	1/2	0.83	NPT 1/2	1.97	2.22	0.57	0.90	7/8	0.35	0.6	5
Metric Sizes - dimensions in millimeters (mm)													
<a href="#">MBT4M-M5</a>	\$17.00	4 mm (5/32 in.) x M5	4	10.5	M5*0.8p	25.7	37.3	4.0	14.9	10	2.0	0.2	5
<a href="#">MBT4M-18R</a>	\$15.50	4 mm (5/32 in.) x R1/8	4	10.5	R 1/8	29.7	37.3	8.0	14.9	10	3.0	0.2	5
<a href="#">MBT4M-14R</a>	\$15.50	4 mm (5/32 in.) x R1/4	4	10.5	R 1/4	31.7	37.3	10.0	14.9	14	3.0	0.2	5
<a href="#">MBT6M-M5</a>	\$17.00	6 mm x M5	6	12.5	M5*0.8p	28.7	40.7	4.0	16.4	12	2.0	0.3	5
<a href="#">MBT6M-18R</a>	\$15.50	6 mm x R1/8	6	12.5	R 1/8	32.7	40.7	8.0	16.4	12	4.5	0.3	5
<a href="#">MBT6M-14R</a>	\$16.50	6 mm x R1/4	6	12.5	R 1/4	35.7	40.7	10.0	16.4	14	4.5	0.3	5
<a href="#">MBT6M-38R</a>	\$22.00	6 mm x R3/8	6	12.5	R 3/8	36.7	40.7	11.0	16.4	17	4.5	0.3	5
<a href="#">MBT8M-18R</a>	\$21.00	8 mm (5/16 in.) x R1/8	8	14.8	R 1/8	35.4	45.1	8.0	18.7	14	6.0	0.4	5
<a href="#">MBT8M-14R</a>	\$18.50	8 mm (5/16 in.) x R1/4	8	14.8	R 1/4	38.4	45.1	10.0	18.7	14	6.0	0.5	5
<a href="#">MBT8M-38R</a>	\$22.00	8 mm (5/16 in.) x R3/8	8	14.8	R 3/8	39.4	45.1	11.0	18.7	17	6.0	0.6	5
<a href="#">MBT8M-12R</a>	\$23.50	8 mm (5/16 in.) x R1/2	8	14.8	R 1/2	42.4	45.1	14.0	18.7	21	6.5	0.6	5
<a href="#">MBT10M-18R</a>	\$24.00	10 mm x R1/8	10	17.5	R 1/8	37.2	47.4	8.0	20.1	17	6.0	0.6	5
<a href="#">MBT10M-14R</a>	\$21.00	10 mm x R1/4	10	17.5	R 1/4	40.2	47.4	10.0	20.1	17	7.0	0.6	5
<a href="#">MBT10M-38R</a>	\$22.00	10 mm x R3/8	10	17.5	R 3/8	41.2	47.4	11.0	20.1	17	7.0	0.7	5
<a href="#">MBT10M-12R</a>	\$29.00	10 mm x R1/2	10	17.5	R 1/2	44.2	47.4	14.0	20.1	21	7.0	0.8	5
<a href="#">MBT12M-14R</a>	\$28.50	12 mm x R1/4	12	20.5	R 1/4	44.6	55.3	10.0	22.8	19	7.0	0.8	5
<a href="#">MBT12M-38R</a>	\$29.00	12 mm x R3/8	12	20.5	R 3/8	45.6	55.3	11.0	22.8	19	10.0	0.8	5
<a href="#">MBT16M-38R</a>	\$39.00	16 mm x R3/8	16	25.5	R 3/8	55.5	65.6	11.0	24.1	24	10.0	0.9	5
<a href="#">MBT16M-12R</a>	\$40.00	16 mm x R1/2	16	25.5	R 1/2	58.5	65.6	14.0	24.1	24	13.0	0.9	5



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect male run tee fitting with rotating thermoplastic (PBT) body, nickel-plated brass threads, stainless steel tube gripping claws and pre-applied Teflon thread sealant (O-ring on #10-32 and M5 threads). For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting



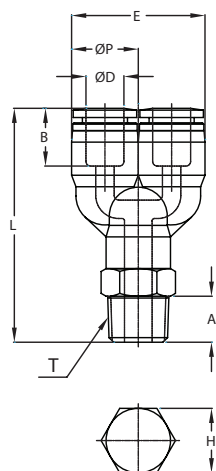
Metric Fitting

NITRA Male Run Tee													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	ØD	ØP	T	L	E	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">MRT18-10N</a>	\$28.50	1/8 in. x #10-32	1/8	0.30	UNF 10-32	1.14	0.69	0.15	0.44	5/16	0.10	0.1	5
<a href="#">MRT18-18N</a>	\$23.50	1/8 in. x 1/8 NPT	1/8	0.30	NPT 1/8	1.16	0.69	0.33	0.44	7/16	0.10	0.1	5
<a href="#">MRT532-18N</a>	\$17.00	5/32 in. (4 mm) x 1/8 NPT	5/32	0.42	NPT 1/8	1.83	0.98	0.33	0.59	7/16	0.12	0.1	5
<a href="#">MRT532-14N</a>	\$18.50	5/32 in. (4 mm) x 1/4 NPT	5/32	0.42	NPT 1/4	1.91	0.98	0.41	0.59	9/16	0.12	0.2	5
<a href="#">MRT14-18N</a>	\$17.00	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.94	1.10	0.33	0.66	1/2	0.18	0.2	5
<a href="#">MRT14-14N</a>	\$18.50	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	2.05	1.10	0.41	0.66	9/16	0.18	0.2	5
<a href="#">MRT14-38N</a>	\$22.50	1/4 in. x 3/8 NPT	1/4	0.51	NPT 3/8	2.09	1.10	0.45	0.66	11/16	0.18	0.4	5
<a href="#">MRT516-18N</a>	\$19.50	5/16 in. (8 mm) x 1/8 NPT	5/16	0.60	NPT 1/8	2.11	1.22	0.33	0.72	9/16	0.24	0.3	5
<a href="#">MRT516-14N</a>	\$19.50	5/16 in. (8 mm) x 1/4 NPT	5/16	0.60	NPT 1/4	2.19	1.22	0.41	0.72	9/16	0.24	0.3	5
<a href="#">MRT516-38N</a>	\$21.50	5/16 in. (8 mm) x 3/8 NPT	5/16	0.60	NPT 3/8	2.23	1.22	0.45	0.72	11/16	0.24	0.3	5
<a href="#">MRT38-18N</a>	\$24.00	3/8 in. x 1/8 NPT	3/8	0.69	NPT 1/8	2.25	1.35	0.33	0.79	11/16	0.20	0.3	5
<a href="#">MRT38-14N</a>	\$24.50	3/8 in. x 1/4 NPT	3/8	0.69	NPT 1/4	2.33	1.35	0.41	0.79	11/16	0.28	0.3	5
<a href="#">MRT38-38N</a>	\$25.00	3/8 in. x 3/8 NPT	3/8	0.69	NPT 3/8	2.37	1.35	0.45	0.79	11/16	0.28	0.4	5
<a href="#">MRT38-12N</a>	\$31.50	3/8 in. x 1/2 NPT	3/8	0.69	NPT 1/2	2.48	1.35	0.57	0.79	7/8	0.28	0.5	5
<a href="#">MRT12-14N</a>	\$30.00	1/2 in. x 1/4 NPT	1/2	0.83	NPT 1/4	2.59	1.60	0.41	0.90	3/4	0.31	0.4	5
<a href="#">MRT12-38N</a>	\$31.00	1/2 in. x 3/8 NPT	1/2	0.83	NPT 3/8	2.63	1.60	0.45	0.90	3/4	0.39	0.5	5
<a href="#">MRT12-12N</a>	\$32.00	1/2 in. x 1/2 NPT	1/2	0.83	NPT 1/2	2.74	1.60	0.57	0.90	7/8	0.39	0.6	5
Metric Sizes - dimensions in millimeters (mm)													
<a href="#">MRT4M-M5</a>	\$19.50	4 mm (5/32 in.) x M5	4	10.6	M5*0.8p	41.6	24.9	4.0	14.9	10	2.0	0.1	5
<a href="#">MRT4M-18R</a>	\$17.00	4 mm (5/32 in.) x R1/8	4	10.6	R 1/8	45.1	24.9	8.0	14.9	10	3.0	0.1	5
<a href="#">MRT4M-14R</a>	\$18.50	4 mm (5/32 in.) x R1/4	4	10.6	R 1/4	47.1	24.9	10.0	14.9	14	3.0	0.2	5
<a href="#">MRT6M-M5</a>	\$19.50	6 mm x M5	6	13.0	M5*0.8p	44.9	27.9	4.0	16.4	12	2.0	0.2	5
<a href="#">MRT6M-18R</a>	\$17.00	6 mm x R1/8	6	13.0	R 1/8	48.4	27.9	8.0	16.4	12	4.5	0.4	5
<a href="#">MRT8M-18R</a>	\$22.00	8 mm x R1/8	8	15.0	R 1/8	52.5	31.3	8.0	18.7	14	6.0	0.4	5
<a href="#">MRT8M-14R</a>	\$22.50	8 mm (5/16 in.) x R1/4	8	15.0	R 1/4	55.5	31.3	10.0	18.7	14	6.0	0.5	5
<a href="#">MRT8M-12R</a>	\$24.50	8 mm (5/16 in.) x R1/2	8	15.0	R 1/2	59.5	31.3	14.0	18.7	21	6.5	0.5	5
<a href="#">MRT10M-18R</a>	\$28.50	10 mm x R1/8	10	18.0	R 1/8	55.7	34.7	8.0	20.1	17	6.0	0.6	5
<a href="#">MRT10M-14R</a>	\$24.50	10 mm x R1/4	10	18.0	R 1/4	58.7	34.7	10.0	20.1	17	7.0	0.6	5
<a href="#">MRT10M-38R</a>	\$25.00	10 mm x R3/8	10	18.0	R 3/8	59.7	34.7	11.0	20.1	17	7.0	0.7	5
<a href="#">MRT10M-12R</a>	\$31.50	10 mm x R1/2	10	18.0	R 1/2	62.7	34.7	14.0	20.1	21	7.0	0.8	5
<a href="#">MRT12M-14R</a>	\$30.50	12 mm x R1/4	12	20.8	R 1/4	65.0	40.5	10.0	22.8	19	7.0	0.8	5
<a href="#">MRT12M-38R</a>	\$30.50	12 mm x R3/8	12	20.8	R 3/8	66.0	40.5	11.0	22.8	19	10.0	0.8	5
<a href="#">MRT12M-12R</a>	\$31.50	12 mm x R1/2	12	20.8	R 1/2	69.0	40.5	14.0	22.8	21	10.0	0.9	5





# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect male Y fitting with rotating thermoplastic (PBT) body, nickel-plated brass threads, stainless steel tube gripping claws and pre-applied Teflon thread sealant. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting

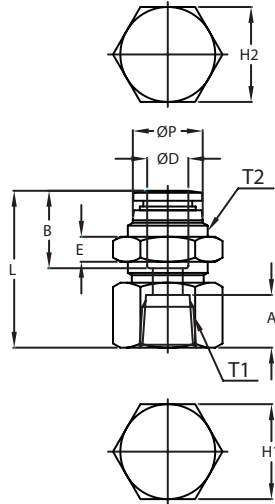


Metric Fitting

NITRA Male Y													
Inch Sizes - dimensions in inches (in.)													
Part No.	Price	Size	ØD	ØP	T	L	E	A	B	H (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">MY532-18N</a>	\$17.00	5/32 in. (4 mm) x 1/8 NPT	5/32	0.41	NPT 1/8	1.73	0.83	0.33	0.61	7/16	0.12	0.1	5
<a href="#">MY532-14N</a>	\$18.50	5/32 in. (4 mm) x 1/4 NPT	5/32	0.41	NPT 1/4	1.85	0.83	0.41	0.61	9/16	0.12	0.2	5
<a href="#">MY14-18N</a>	\$19.50	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	1.88	1.02	0.33	0.70	1/2	0.18	0.2	5
<a href="#">MY14-14N</a>	\$20.00	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	1.99	1.02	0.41	0.70	9/16	0.18	0.2	5
<a href="#">MY14-38N</a>	\$22.50	1/4 in. x 3/8 NPT	1/4	0.51	NPT 3/8	2.03	1.02	0.45	0.70	11/16	0.18	0.3	5
<a href="#">MY516-18N</a>	\$20.00	5/16 in. (8 mm) x 1/8 NPT	5/16	0.57	NPT 1/8	1.92	1.14	0.33	0.73	9/16	0.24	0.2	5
<a href="#">MY516-14N</a>	\$20.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.57	NPT 1/4	1.99	1.14	0.41	0.73	9/16	0.24	0.3	5
<a href="#">MY516-38N</a>	\$22.00	5/16 in. (8 mm) x 3/8 NPT	5/16	0.57	NPT 3/8	2.04	1.14	0.45	0.73	9/16	0.24	0.3	5
<a href="#">MY38-18N</a>	\$24.00	3/8 in. x 1/8 NPT	3/8	0.69	NPT 1/8	2.07	1.39	0.33	0.79	11/16	0.20	0.3	5
<a href="#">MY38-14N</a>	\$24.50	3/8 in. x 1/4 NPT	3/8	0.69	NPT 1/4	2.15	1.39	0.41	0.79	11/16	0.28	0.3	5
<a href="#">MY38-38N</a>	\$25.00	3/8 in. x 3/8 NPT	3/8	0.69	NPT 3/8	2.19	1.39	0.45	0.79	11/16	0.28	0.4	5
<a href="#">MY38-12N</a>	\$31.00	3/8 in. x 1/2 NPT	3/8	0.69	NPT 1/2	2.31	1.39	0.57	0.79	7/8	0.28	0.4	5
<a href="#">MY12-14N</a>	\$30.00	1/2 in. x 1/4 NPT	1/2	0.83	NPT 1/4	2.54	1.65	0.41	0.90	3/4	0.28	0.4	5
<a href="#">MY12-38N</a>	\$31.50	1/2 in. x 3/8 NPT	1/2	0.83	NPT 3/8	2.58	1.65	0.45	0.90	3/4	0.28	0.6	5
<a href="#">MY12-12N</a>	\$33.00	1/2 in. x 1/2 NPT	1/2	0.83	NPT 1/2	2.70	1.65	0.57	0.90	7/8	0.28	0.8	5
Metric Sizes - dimensions in millimeters (mm)													
<a href="#">MY4M-M5</a>	\$19.50	4 mm (5/32 in.) x M5	4	10.5	M5*0.8p	39.5	21.0	4.0	15.6	10	2.5	0.1	5
<a href="#">MY4M-18R</a>	\$17.00	4 mm (5/32 in.) x R1/8	4	10.5	R 1/8	43.5	21.0	8.0	15.6	10	3.0	0.1	5
<a href="#">MY4M-14R</a>	\$18.50	4 mm (5/32 in.) x R1/4	4	10.5	R 1/4	45.5	21.0	10.0	15.6	14	3.0	0.2	5
<a href="#">MY6M-M5</a>	\$20.50	6 mm x M5	6	12.5	M5*0.8p	40.4	25.0	4.0	16.9	12	2.5	0.2	5
<a href="#">MY6M-18R</a>	\$19.50	6 mm x R1/8	6	12.5	R 1/8	44.4	25.0	8.0	16.9	12	4.5	0.3	5
<a href="#">MY6M-14R</a>	\$19.50	6 mm x R1/4	6	12.5	R 1/4	47.4	25.0	10.0	16.9	14	4.5	0.3	5
<a href="#">MY6M-38R</a>	\$22.00	6 mm x R3/8	6	12.5	R 3/8	48.4	25.0	11.0	16.9	17	4.5	0.3	5
<a href="#">MY8M-18R</a>	\$23.50	8 mm (5/16 in.) x R1/8	8	14.5	R 1/8	47.8	29.0	8.0	19.0	14	6.0	0.4	5
<a href="#">MY8M-14R</a>	\$22.50	8 mm (5/16 in.) x R1/4	8	14.5	R 1/4	50.8	29.0	10.0	19.0	14	6.0	0.4	5
<a href="#">MY8M-38R</a>	\$23.50	8 mm (5/16 in.) x R3/8	8	14.5	R 3/8	51.8	29.0	11.0	19.0	17	6.0	0.4	5
<a href="#">MY8M-12R</a>	\$24.50	8 mm (5/16 in.) x R1/2	8	14.5	R 1/2	54.8	29.0	14.0	19.0	21	6.5	0.6	5
<a href="#">MY10M-18R</a>	\$28.00	10 mm x R1/8	10	17.6	R 1/8	51.2	35.2	8.0	20.2	17	6.0	0.8	5
<a href="#">MY10M-14R</a>	\$25.00	10 mm x R1/4	10	17.6	R 1/4	54.2	35.2	10.0	20.2	17	7.0	0.8	5
<a href="#">MY10M-38R</a>	\$25.00	10 mm x R3/8	10	17.6	R 3/8	55.2	35.2	11.0	20.2	17	7.0	0.9	5
<a href="#">MY10M-12R</a>	\$31.00	10 mm x R1/2	10	17.6	R 1/2	58.2	35.2	14.0	20.2	21	7.0	1.0	5
<a href="#">MY12M-12R</a>	\$32.00	12 mm x R1/2	12	21.0	R 1/2	63.1	42.0	14.0	22.6	21	10.0	1.2	5



# Pneumatic Push-to-Connect Fittings



**NITRA** pneumatic push-to-connect bulkhead female straight fitting with nickel-plated brass body and stainless steel tube gripping claws. For use with polyurethane or nylon tubing. Five fittings per package.



Inch Fitting



Metric Fitting

NITRA Bulkhead Female															
Inch Sizes - dimensions in inches (in.)															
Part No.	Price	Size	ØD	ØP	T1	T2	L	E	A	B	H1 (Hex)	H2 (Hex)	Orifice	Package Weight (lbs)	Qty. per pack
<a href="#">FB532-18N</a>	\$22.50	5/32 in. (4 mm) x 1/8 NPT	5/32	0.39	NPT 1/8	M12*1.0p	1.06	0.16	0.37	0.58	9/16	14 mm	0.12	0.2	5
<a href="#">FB14-18N</a>	\$23.50	1/4 in. x 1/8 NPT	1/4	0.51	NPT 1/8	M14*1.0p	1.22	0.16	0.37	0.67	11/16	17 mm	0.20	0.2	5
<a href="#">FB14-14N</a>	\$23.50	1/4 in. x 1/4 NPT	1/4	0.51	NPT 1/4	M14*1.0p	1.22	0.16	0.45	0.67	11/16	17 mm	0.20	0.2	5
<a href="#">FB516-14N</a>	\$27.00	5/16 in. (8 mm) x 1/4 NPT	5/16	0.55	NPT 1/4	M16*1.0p	1.24	0.19	0.45	0.72	3/4	19 mm	0.24	0.5	5
<a href="#">FB516-38N</a>	\$28.00	5/16 in. (8 mm) x 3/8 NPT	5/16	0.55	NPT 3/8	M16*1.0p	1.27	0.19	0.47	0.72	7/8	22 mm	0.24	0.5	5
<a href="#">FB38-14N</a>	\$37.50	3/8 in. x 1/4 NPT	3/8	0.65	NPT 1/4	M20*1.0p	1.40	0.20	0.45	0.77	15/16	24 mm	0.31	0.5	5
<a href="#">FB38-38N</a>	\$38.00	3/8 in. x 3/8 NPT	3/8	0.65	NPT 3/8	M20*1.0p	1.40	0.20	0.49	0.77	15/16	24 mm	0.31	0.6	5
<a href="#">FB12-14N</a>	\$40.00	1/2 in. x 1/4 NPT	1/2	0.81	NPT 1/4	M22*1.0p	1.57	0.20	0.45	0.89	15/16	26 mm	0.39	0.9	5
<a href="#">FB12-38N</a>	\$41.50	1/2 in. x 3/8 NPT	1/2	0.81	NPT 3/8	M22*1.0p	1.57	0.20	0.49	0.89	15/16	26 mm	0.39	0.9	5
<a href="#">FB12-12N</a>	\$47.00	1/2 in. x 1/2 NPT	1/2	0.81	NPT 1/2	M22*1.0p	1.57	0.20	0.57	0.89	15/16	26 mm	0.39	0.9	5
Metric Sizes - dimensions in millimeters (mm)															
<a href="#">FB4M-18R</a>	\$22.50	4 mm (5/32 in.) x R1/8	4	10.0	R 1/8	M12*1.0p	27.0	4	9.0	14.7	14	14	3.0	0.2	5
<a href="#">FB4M-14R</a>	\$23.50	4 mm (5/32 in.) x R1/4	4	10.0	R 1/4	M12*1.0p	29.0	4	11.0	14.7	17	14	3.0	0.3	5
<a href="#">FB6M-18R</a>	\$23.00	6 mm x R1/8	6	12.0	R 1/8	M14*1.0p	30.2	4	9.0	16.4	17	17	5.0	0.3	5
<a href="#">FB6M-14R</a>	\$23.00	6 mm x R1/4	6	12.0	R 1/4	M14*1.0p	30.2	4	11.0	16.4	17	17	5.0	0.6	5
<a href="#">FB6M-38R</a>	\$37.50	6 mm x R3/8	6	12.0	R 3/8	M14*1.0p	31.2	4	12.0	16.4	22	17	5.0	0.6	5
<a href="#">FB8M-18R</a>	\$30.00	8 mm (5/16 in.) x R1/8	8	14.0	R 1/8	M16*1.0p	31.4	5	9.0	18.4	19	19	6.0	1.0	5
<a href="#">FB8M-14R</a>	\$30.50	8 mm (5/16 in.) x R1/4	8	14.0	R 1/4	M16*1.0p	31.4	5	11.0	18.4	19	19	6.0	1.2	5
<a href="#">FB8M-38R</a>	\$31.00	8 mm (5/16 in.) x R3/8	8	14.0	R 3/8	M16*1.0p	32.4	5	12.0	18.4	22	19	6.0	1.2	5
<a href="#">FB8M-12R</a>	\$32.00	8 mm (5/16 in.) x R1/2	8	14.0	R 1/2	M16*1.0p	34.4	5	14.0	18.4	24	19	6.0	1.3	5
<a href="#">FB10M-18R</a>	\$37.50	10 mm x R1/8	10	16.1	R 1/8	M20*1.0p	33.5	5	9.0	19.6	24	24	8.0	1.3	5
<a href="#">FB10M-14R</a>	\$38.00	10 mm x R1/4	10	16.1	R 1/4	M20*1.0p	33.5	5	11.0	19.6	24	24	8.0	1.3	5
<a href="#">FB10M-38R</a>	\$39.00	10 mm x R3/8	10	16.1	R 3/8	M20*1.0p	33.5	5	12.0	19.6	24	24	8.0	1.4	5
<a href="#">FB10M-12R</a>	\$39.50	10 mm x R1/2	10	16.1	R 1/2	M20*1.0p	35.5	5	14.0	19.6	24	24	8.0	1.5	5
<a href="#">FB12M-14R</a>	\$40.50	12 mm x R1/4	12	19.0	R 1/4	M22*1.0p	38.3	5	11.0	21.9	24	26	10.0	1.5	5
<a href="#">FB12M-38R</a>	\$40.50	12 mm x R3/8	12	19.0	R 3/8	M22*1.0p	38.3	5	12.0	21.9	24	26	10.0	1.6	5
<a href="#">FB12M-12R</a>	\$47.00	12 mm x R1/2	12	19.0	R 1/2	M22*1.0p	40.3	5	14.0	21.9	24	26	10.0	1.7	5



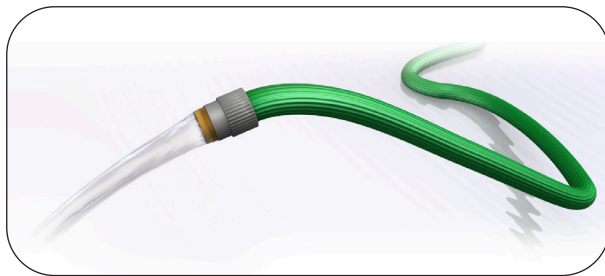


# Nickel-Plated Brass Push-to-Connect Fittings

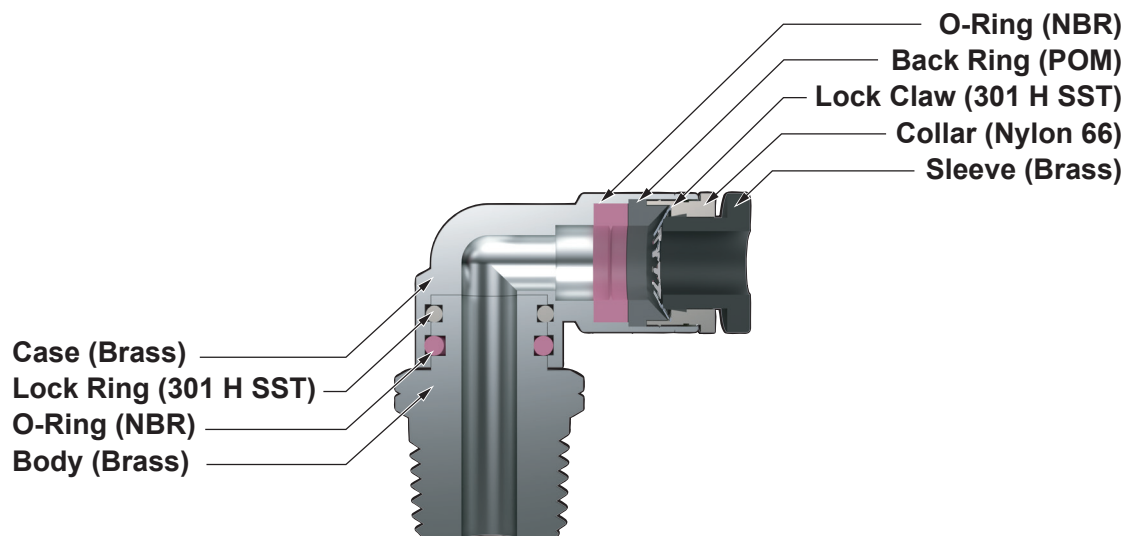
**NITRA** nickel-plated brass push-to-connect fittings are an excellent choice for many industrial applications. They have an attractive, easily maintained finish and have a higher pressure and temperature rating when compared to resin fittings.

## Features

- Large selection of fitting configurations
- Inch and metric sizes available
- Hybrid Inch to metric conversion fittings available
- NPT, BSPT (R) and BSPP (G) threads available
- Nickel-plated brass bodies, threads and release rings
- Threaded elbow and tee bodies can be rotated after installation
- For use with air and water
- Working pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)



**Ideal for washdown and harsh environments**



*Fitting Cut-away Diagram*



# Nickel-Plated Brass Push-to-Connect Fittings

Part No. [MS532-10N-B](#)

**NITRA** pneumatic push-to-connect male straight fittings with nickel-plated brass body and release ring, stainless steel tube gripping claws and pre-applied Teflon thread sealant (#10-32, M5 and G threads have O-ring instead of thread sealant). For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Male Straight					
Imperial Tube and Threads					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">MS532-10N-B</a>	(1) #10-32 male UNF x (1) 5/32in (4mm) push-to-connect	\$8.00	<a href="#">PDF</a>	5	0.1
<a href="#">MS532-18N-B</a>	(1) 1/8in male NPT x (1) 5/32in (4mm) push-to-connect	\$7.50	<a href="#">PDF</a>	5	0.09
<a href="#">MS532-14N-B</a>	(1) 1/4in male NPT x (1) 5/32in (4mm) push-to-connect	\$9.50	<a href="#">PDF</a>	5	0.2
<a href="#">MS14-10N-B</a>	(1) #10-32 male UNF x (1) 1/4in push-to-connect	\$9.50	<a href="#">PDF</a>	5	0.11
<a href="#">MS14-18N-B</a>	(1) 1/8in male NPT x (1) 1/4in push-to-connect	\$7.75	<a href="#">PDF</a>	5	0.12
<a href="#">MS14-14N-B</a>	(1) 1/4in male NPT x (1) 1/4in push-to-connect	\$10.00	<a href="#">PDF</a>	5	0.17
<a href="#">MS14-38N-B</a>	(1) 3/8in male NPT x (1) 1/4in push-to-connect	\$16.00	<a href="#">PDF</a>	5	0.32
<a href="#">MS516-18N-B</a>	(1) 1/8in male NPT x (1) 5/16in (8mm) push-to-connect	\$11.00	<a href="#">PDF</a>	5	0.18
<a href="#">MS516-14N-B</a>	(1) 1/4in male NPT x (1) 5/16in (8mm) push-to-connect	\$10.50	<a href="#">PDF</a>	5	0.18
<a href="#">MS516-38N-B</a>	(1) 3/8in male NPT x (1) 5/16in (8mm) push-to-connect	\$14.00	<a href="#">PDF</a>	5	0.29
<a href="#">MS38-18N-B</a>	(1) 1/8in male NPT x (1) 3/8in push-to-connect	\$13.50	<a href="#">PDF</a>	5	0.27
<a href="#">MS38-14N-B</a>	(1) 1/4in male NPT x (1) 3/8in push-to-connect	\$14.50	<a href="#">PDF</a>	5	0.3
<a href="#">MS38-38N-B</a>	(1) 3/8in male NPT x (1) 3/8in push-to-connect	\$15.00	<a href="#">PDF</a>	5	0.3
<a href="#">MS38-12N-B</a>	(1) 1/2in male NPT x (1) 3/8in push-to-connect	\$20.00	<a href="#">PDF</a>	5	0.54
<a href="#">MS12-14N-B</a>	(1) 1/4in male NPT x (1) 1/2in push-to-connect	\$20.00	<a href="#">PDF</a>	5	0.51
<a href="#">MS12-38N-B</a>	(1) 3/8in male NPT x (1) 1/2in push-to-connect	\$18.50	<a href="#">PDF</a>	5	0.42
<a href="#">MS12-12N-B</a>	(1) 1/2in male NPT x (1) 1/2in push-to-connect	\$21.50	<a href="#">PDF</a>	5	0.51
Hybrid Imperial to Metric R Threads (BSPT)					
<a href="#">MS14-18R-B</a>	(1) R1/8 male BSPT x (1) 1/4in push-to-connect	\$7.75	<a href="#">PDF</a>	5	0.12
<a href="#">MS14-14R-B</a>	(1) R1/4 male BSPT x (1) 1/4in push-to-connect	\$10.00	<a href="#">PDF</a>	5	0.16
<a href="#">MS14-38R-B</a>	(1) R3/8 male BSPT x (1) 1/4in push-to-connect	\$16.00	<a href="#">PDF</a>	5	0.29
<a href="#">MS38-14R-B</a>	(1) R1/4 male BSPT x (1) 3/8in push-to-connect	\$14.50	<a href="#">PDF</a>	5	0.28
<a href="#">MS38-38R-B</a>	(1) R3/8 male BSPT x (1) 3/8in push-to-connect	\$15.00	<a href="#">PDF</a>	5	0.28
Hybrid Imperial to Metric G Threads (BSPP)					
<a href="#">MS14-14G-B</a>	(1) G1/4 male BSPP x (1) 1/4in push-to-connect	\$10.00	<a href="#">PDF</a>	5	0.19
<a href="#">MS14-38G-B</a>	(1) G3/8 male BSPP x (1) 1/4in push-to-connect	\$16.00	<a href="#">PDF</a>	5	0.25
<a href="#">MS38-14G-B</a>	(1) G1/4 male BSPP x (1) 3/8in push-to-connect	\$14.50	<a href="#">PDF</a>	5	0.27
<a href="#">MS38-38G-B</a>	(1) G3/8 male BSPP x (1) 3/8in push-to-connect	\$15.00	<a href="#">PDF</a>	5	0.24
<a href="#">MS38-12G-B</a>	(1) G1/2 male BSPP x (1) 3/8in push-to-connect	\$20.00	<a href="#">PDF</a>	5	0.43



# Nickel-Plated Brass Push-to-Connect Fittings

NITRA™ Nickel-Plated Brass Male Straight Continued					
Hybrid Metric Tube to Imperial					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#"><u>MS4M-M5-B</u></a>	(1) M5 x 0.8 male ISO x (1) 5/32in (4mm) push-to-connect	\$7.50	<a href="#"><u>PDF</u></a>	5	0.1
<a href="#"><u>MS6M-M5-B</u></a>	(1) M5 x 0.8 male ISO x (1) 6mm push-to-connect	\$8.50	<a href="#"><u>PDF</u></a>	5	0.1
<a href="#"><u>MS6M-18N-B</u></a>	(1) 1/8in male NPT x (1) 6mm push-to-connect	\$7.75	<a href="#"><u>PDF</u></a>	5	0.12
<a href="#"><u>MS6M-14N-B</u></a>	(1) 1/4in male NPT x (1) 6mm push-to-connect	\$10.00	<a href="#"><u>PDF</u></a>	5	0.17
<a href="#"><u>MS10M-14N-B</u></a>	(1) 1/4in male NPT x (1) 10mm push-to-connect	\$14.50	<a href="#"><u>PDF</u></a>	5	0.28
<a href="#"><u>MS10M-38N-B</u></a>	(1) 3/8in male NPT x (1) 10mm push-to-connect	\$15.00	<a href="#"><u>PDF</u></a>	5	0.29
Metric Tube to Metric R Threads (BSPT)					
<a href="#"><u>MS4M-18R-B</u></a>	(1) R1/8 male BSPT x (1) 5/32in (4mm) push-to-connect	\$7.50	<a href="#"><u>PDF</u></a>	5	0.1
<a href="#"><u>MS6M-18R-B</u></a>	(1) R1/8 male BSPT x (1) 6mm push-to-connect	\$9.00	<a href="#"><u>PDF</u></a>	5	0.12
<a href="#"><u>MS6M-14R-B</u></a>	(1) R1/4 male BSPT x (1) 6mm push-to-connect	\$9.50	<a href="#"><u>PDF</u></a>	5	0.16
<a href="#"><u>MS8M-18R-B</u></a>	(1) R1/8 male BSPT x (1) 5/16in (8mm) push-to-connect	\$10.00	<a href="#"><u>PDF</u></a>	5	0.18
<a href="#"><u>MS8M-14R-B</u></a>	(1) R1/4 male BSPT x (1) 5/16in (8mm) push-to-connect	\$10.00	<a href="#"><u>PDF</u></a>	5	0.17
<a href="#"><u>MS8M-38R-B</u></a>	(1) R3/8 male BSPT x (1) 5/16in (8mm) push-to-connect	\$12.50	<a href="#"><u>PDF</u></a>	5	0.27
<a href="#"><u>MS10M-18R-B</u></a>	(1) R1/8 male BSPT x (1) 10mm push-to-connect	\$12.00	<a href="#"><u>PDF</u></a>	5	0.25
<a href="#"><u>MS10M-14R-B</u></a>	(1) R1/4 male BSPT x (1) 10mm push-to-connect	\$12.50	<a href="#"><u>PDF</u></a>	5	0.28
<a href="#"><u>MS10M-38R-B</u></a>	(1) R3/8 male BSPT x (1) 10mm push-to-connect	\$12.00	<a href="#"><u>PDF</u></a>	5	0.27
<a href="#"><u>MS12M-14R-B</u></a>	(1) R1/4 male BSPT x (1) 12mm push-to-connect	\$15.50	<a href="#"><u>PDF</u></a>	5	0.33
<a href="#"><u>MS12M-38R-B</u></a>	(1) R3/8 male BSPT x (1) 12mm push-to-connect	\$14.50	<a href="#"><u>PDF</u></a>	5	0.32
<a href="#"><u>MS12M-12R-B</u></a>	(1) R1/2 male BSPT x (1) 12mm push-to-connect	\$16.50	<a href="#"><u>PDF</u></a>	5	0.41
Metric Tube to Metric G Threads (BSPP)					
<a href="#"><u>MS4M-18G-B</u></a>	(1) G1/8 male BSPP x (1) 5/32in (4mm) push-to-connect	\$8.50	<a href="#"><u>PDF</u></a>	5	0.12
<a href="#"><u>MS6M-18G-B</u></a>	(1) G1/8 male BSPP x (1) 6mm push-to-connect	\$8.00	<a href="#"><u>PDF</u></a>	5	0.11
<a href="#"><u>MS6M-14G-B</u></a>	(1) G1/4 male BSPP x (1) 6mm push-to-connect	\$10.00	<a href="#"><u>PDF</u></a>	5	0.19
<a href="#"><u>MS8M-18G-B</u></a>	(1) G1/8 male BSPP x (1) 5/16in (8mm) push-to-connect	\$10.50	<a href="#"><u>PDF</u></a>	5	0.2
<a href="#"><u>MS8M-14G-B</u></a>	(1) G1/4 male BSPP x (1) 5/16in (8mm) push-to-connect	\$10.50	<a href="#"><u>PDF</u></a>	5	0.18
<a href="#"><u>MS10M-14G-B</u></a>	(1) G1/4 male BSPP x (1) 10mm push-to-connect	\$13.00	<a href="#"><u>PDF</u></a>	5	0.26
<a href="#"><u>MS10M-38G-B</u></a>	(1) G3/8 male BSPP x (1) 10mm push-to-connect	\$13.50	<a href="#"><u>PDF</u></a>	5	0.24
<a href="#"><u>MS10M-12G-B</u></a>	(1) G1/2 male BSPP x (1) 10mm push-to-connect	\$16.50	<a href="#"><u>PDF</u></a>	5	0.43
<a href="#"><u>MS12M-38G-B</u></a>	(1) G3/8 male BSPP x (1) 12mm push-to-connect	\$14.50	<a href="#"><u>PDF</u></a>	5	0.26
<a href="#"><u>MS12M-12G-B</u></a>	(1) G1/2 male BSPP x (1) 12mm push-to-connect	\$17.50	<a href="#"><u>PDF</u></a>	5	0.41



# Nickel-Plated Brass Push-to-Connect Fittings

Part No. [ME532-10N-B](#)

**NITRA** pneumatic push-to-connect male elbow fittings with rotating nickel-plated brass body, nickel-plated brass threads, stainless steel tube gripping claws and pre-applied Teflon thread sealant (#10-32, M5 and G threads have O-ring instead of thread sealant). For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Male Elbow					
Imperial Tube and Threads					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">ME532-10N-B</a>	(1) #10-32 male UNF x (1) 5/32in (4mm) push-to-connect	\$17.50	<a href="#">PDF</a>	5	0.19
<a href="#">ME532-18N-B</a>	(1) 1/8in male NPT x (1) 5/32in (4mm) push-to-connect	\$17.00	<a href="#">PDF</a>	5	0.22
<a href="#">ME532-14N-B</a>	(1) 1/4in male NPT x (1) 5/32in (4mm) push-to-connect	\$20.50	<a href="#">PDF</a>	5	0.25
<a href="#">ME14-10N-B</a>	(1) #10-32 male UNF x (1) 1/4in push-to-connect	\$18.00	<a href="#">PDF</a>	5	0.22
<a href="#">ME14-18N-B</a>	(1) 1/8in male NPT x (1) 1/4in push-to-connect	\$17.00	<a href="#">PDF</a>	5	0.24
<a href="#">ME14-14N-B</a>	(1) 1/4in male NPT x (1) 1/4in push-to-connect	\$19.00	<a href="#">PDF</a>	5	0.28
<a href="#">ME14-38N-B</a>	(1) 3/8 male NPT x (1) 1/4in push-to-connect	\$24.50	<a href="#">PDF</a>	5	0.35
<a href="#">ME516-18N-B</a>	(1) 1/8in male NPT x (1) 5/16in (8mm) push-to-connect	\$19.00	<a href="#">PDF</a>	5	0.27
<a href="#">ME516-14N-B</a>	(1) 1/4in male NPT x (1) 5/16in (8mm) push-to-connect	\$20.50	<a href="#">PDF</a>	5	0.3
<a href="#">ME38-18N-B</a>	(1) 1/8in male NPT x (1) 3/8in push-to-connect	\$26.00	<a href="#">PDF</a>	5	0.44
<a href="#">ME38-14N-B</a>	(1) 1/4in male NPT x (1) 3/8in push-to-connect	\$27.00	<a href="#">PDF</a>	5	0.46
<a href="#">ME38-38N-B</a>	(1) 3/8in male NPT x (1) 3/8in push-to-connect	\$28.50	<a href="#">PDF</a>	5	0.48
<a href="#">ME38-12N-B</a>	(1) 1/2in male NPT x (1) 3/8in push-to-connect	\$33.00	<a href="#">PDF</a>	5	0.67
<a href="#">ME12-14N-B</a>	(1) 1/4in male NPT x (1) 1/2in push-to-connect	\$34.50	<a href="#">PDF</a>	5	0.72
<a href="#">ME12-38N-B</a>	(1) 3/8 male NPT x (1) 1/2in push-to-connect	\$35.50	<a href="#">PDF</a>	5	0.74
<a href="#">ME12-12N-B</a>	(1) 1/2in male NPT x (1) 1/2in push-to-connect	\$39.50	<a href="#">PDF</a>	5	0.82
Hybrid Imperial to Metric R Threads (BSPT)					
<a href="#">ME14-18R-B</a>	(1) R1/8 male BSPT x (1) 1/4in push-to-connect	\$17.00	<a href="#">PDF</a>	5	0.23
<a href="#">ME14-14R-B</a>	(1) R1/4 male BSPT x (1) 1/4in push-to-connect	\$19.00	<a href="#">PDF</a>	5	0.28
<a href="#">ME38-14R-B</a>	(1) R1/4 male BSPT x (1) 3/8in push-to-connect	\$27.00	<a href="#">PDF</a>	5	0.43
<a href="#">ME38-38R-B</a>	(1) R3/8 male BSPT x (1) 3/8in push-to-connect	\$28.50	<a href="#">PDF</a>	5	0.49
<a href="#">ME12-14R-B</a>	(1) R1/4 male BSPT x (1) 1/2in push-to-connect	\$34.50	<a href="#">PDF</a>	5	0.65
<a href="#">ME12-38R-B</a>	(1) R3/8 male BSPT x (1) 1/2in push-to-connect	\$35.50	<a href="#">PDF</a>	5	0.68
Hybrid Imperial to Metric G Threads (BSPP)					
<a href="#">ME14-18G-B</a>	(1) G1/8 male BSPP x (1) 1/4in push-to-connect	\$17.00	<a href="#">PDF</a>	5	0.24
<a href="#">ME14-14G-B</a>	(1) G1/4 male BSPP x (1) 1/4in push-to-connect	\$19.00	<a href="#">PDF</a>	5	0.29
<a href="#">ME38-14G-B</a>	(1) G1/4 male BSPP x (1) 3/8in push-to-connect	\$27.00	<a href="#">PDF</a>	5	0.42
<a href="#">ME38-38G-B</a>	(1) G3/8 male BSPP x (1) 3/8in push-to-connect	\$28.50	<a href="#">PDF</a>	5	0.46
<a href="#">ME38-12G-B</a>	(1) G1/2 male BSPP x (1) 3/8in push-to-connect	\$33.00	<a href="#">PDF</a>	5	0.56
<a href="#">ME12-38G-B</a>	(1) G3/8 male BSPP x (1) 1/2in push-to-connect	\$35.50	<a href="#">PDF</a>	5	0.64
<a href="#">ME12-12G-B</a>	(1) G1/2 male BSPP x (1) 1/2in push-to-connect	\$39.50	<a href="#">PDF</a>	5	0.72



# Nickel-Plated Brass Push-to-Connect Fittings

## NITRA™ Nickel-Plated Brass Male Elbow Continued

### Hybrid Metric Tube to Imperial

Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#"><u>ME4M-M5-B</u></a>	(1) M5 x 0.8 male ISO x (1) 5/32in (4mm) push-to-connect	\$17.00	<a href="#"><u>PDF</u></a>	5	0.19
<a href="#"><u>ME6M-M5-B</u></a>	(1) M5 x 0.8 male ISO x (1) 6mm push-to-connect	\$17.50	<a href="#"><u>PDF</u></a>	5	0.21
<a href="#"><u>ME6M-18N-B</u></a>	(1) 1/8in male NPT x (1) 6mm push-to-connect	\$17.00	<a href="#"><u>PDF</u></a>	5	0.24
<a href="#"><u>ME6M-14N-B</u></a>	(1) 1/4in male NPT x (1) 6mm push-to-connect	\$19.00	<a href="#"><u>PDF</u></a>	5	0.28

### Metric Tube to Metric R Threads (BSPT)

<a href="#"><u>ME4M-18R-B</u></a>	(1) R1/8 male BSPT x (1) 5/32in (4mm) push-to-connect	\$16.00	<a href="#"><u>PDF</u></a>	5	0.21
<a href="#"><u>ME4M-14R-B</u></a>	(1) R1/4 male BSPT x (1) 5/32in (4mm) push-to-connect	\$18.00	<a href="#"><u>PDF</u></a>	5	0.25
<a href="#"><u>ME6M-18R-B</u></a>	(1) R1/8 male BSPT x (1) 6mm push-to-connect	\$17.00	<a href="#"><u>PDF</u></a>	5	0.23
<a href="#"><u>ME6M-14R-B</u></a>	(1) R1/4 male BSPT x (1) 6mm push-to-connect	\$18.00	<a href="#"><u>PDF</u></a>	5	0.27
<a href="#"><u>ME8M-18R-B</u></a>	(1) R1/8 male BSPT x (1) 5/16in (8mm) push-to-connect	\$18.00	<a href="#"><u>PDF</u></a>	5	0.25
<a href="#"><u>ME8M-14R-B</u></a>	(1) R1/4 male BSPT x (1) 5/16in (8mm) push-to-connect	\$20.00	<a href="#"><u>PDF</u></a>	5	0.3
<a href="#"><u>ME10M-18R-B</u></a>	(1) R1/8 male BSPT x (1) 10mm push-to-connect	\$23.00	<a href="#"><u>PDF</u></a>	5	0.4
<a href="#"><u>ME10M-14R-B</u></a>	(1) R1/4 male BSPT x (1) 10mm push-to-connect	\$24.00	<a href="#"><u>PDF</u></a>	5	0.42
<a href="#"><u>ME10M-38R-B</u></a>	(1) R3/8 male BSPT x (1) 10mm push-to-connect	\$27.00	<a href="#"><u>PDF</u></a>	5	0.48

### Metric Tube to Metric G Threads (BSPP)

<a href="#"><u>ME4M-18G-B</u></a>	(1) G1/8 male BSPP x (1) 5/32in (4mm) push-to-connect	\$17.00	<a href="#"><u>PDF</u></a>	5	0.21
<a href="#"><u>ME6M-18G-B</u></a>	(1) G1/8 male BSPP x (1) 6mm push-to-connect	\$16.00	<a href="#"><u>PDF</u></a>	5	0.24
<a href="#"><u>ME6M-14G-B</u></a>	(1) G1/4 male BSPP x (1) 6mm push-to-connect	\$18.00	<a href="#"><u>PDF</u></a>	5	0.29
<a href="#"><u>ME8M-18G-B</u></a>	(1) G1/8 male BSPP x (1) 5/16in (8mm) push-to-connect	\$18.00	<a href="#"><u>PDF</u></a>	5	0.26
<a href="#"><u>ME8M-14G-B</u></a>	(1) G1/4 male BSPP x (1) 5/16in (8mm) push-to-connect	\$21.00	<a href="#"><u>PDF</u></a>	5	0.31



# Nickel-Plated Brass Push-to-Connect Fittings



Part No. [MBT14-18N-B](#)

**NITRA** pneumatic push-to-connect male branch tee fittings with rotating nickel-plated brass body, nickel-plated brass threads, stainless steel tube gripping claws and pre-applied Teflon thread sealant (#10-32, M5 and G threads have O-ring instead of thread sealant). For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Male Branch T					
Imperial Tube and Threads					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">MBT14-18N-B</a>	(1) 1/8in male NPT x (2) 1/4in push-to-connect	\$24.00	<a href="#">PDF</a>	5	0.32
<a href="#">MBT14-14N-B</a>	(1) 1/4in male NPT x (2) 1/4in push-to-connect	\$25.50	<a href="#">PDF</a>	5	0.35
<a href="#">MBT38-14N-B</a>	(1) 1/4in male NPT x (2) 3/8in push-to-connect	\$37.50	<a href="#">PDF</a>	5	0.59
<a href="#">MBT38-38N-B</a>	(2) 3/8in push-to-connect x (1) 3/8in male NPT	\$38.50	<a href="#">PDF</a>	5	0.61
Hybrid Imperial to Metric R Threads (BSPT)					
<a href="#">MBT14-18R-B</a>	(1) R1/8 male BSPT x (2) 1/4in push-to-connect	\$24.00	<a href="#">PDF</a>	5	0.3
<a href="#">MBT14-14R-B</a>	(1) R1/4 male BSPT x (2) 1/4in push-to-connect	\$25.50	<a href="#">PDF</a>	5	0.35
<a href="#">MBT38-14R-B</a>	(1) R1/4 male BSPT x (2) 3/8in push-to-connect	\$37.50	<a href="#">PDF</a>	5	0.56
Hybrid Imperial to Metric G Threads (BSPP)					
<a href="#">MBT14-18G-B</a>	(1) G1/8 male BSPP x (2) 1/4in push-to-connect	\$24.00	<a href="#">PDF</a>	5	0.31
<a href="#">MBT14-14G-B</a>	(1) G1/4 male BSPP x (2) 1/4in push-to-connect	\$25.50	<a href="#">PDF</a>	5	0.37
<a href="#">MBT38-14G-B</a>	(1) G1/4 male BSPP x (2) 3/8in push-to-connect	\$37.50	<a href="#">PDF</a>	5	0.55





# Nickel-Plated Brass Push-to-Connect Fittings

Part No. [US532-B](#)

**NITRA** pneumatic push-to-connect union straight fittings with nickel-plated brass body and stainless steel tube gripping claws. For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Union Straight					
Imperial Tube					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">US532-B</a>	(1) 5/32in (4mm) push-to-connect to (1) 5/32in (4mm) push-to-connect	\$12.50	<a href="#">PDF</a>	5	0.09
<a href="#">US14-B</a>	(1) 1/4in push-to-connect to (1) 1/4in push-to-connect	\$14.50	<a href="#">PDF</a>	5	0.14
<a href="#">US38-B</a>	(1) 3/8in push-to-connect to (1) 3/8in push-to-connect	\$21.50	<a href="#">PDF</a>	5	0.26
<a href="#">US12-B</a>	(1) 1/2in push-to-connect to (1) 1/2in push-to-connect	\$25.50	<a href="#">PDF</a>	5	0.4
Metric Tube					
<a href="#">US6M-B</a>	(1) 6mm push-to-connect to (1) 6mm push-to-connect	\$14.00	<a href="#">PDF</a>	5	0.14
<a href="#">US8M-B</a>	(1) 5/16in (8mm) push-to-connect to (1) 5/16in (8mm) push-to-connect	\$17.50	<a href="#">PDF</a>	5	0.18
<a href="#">US10M-B</a>	(1) 10mm push-to-connect to (1) 10mm push-to-connect	\$19.00	<a href="#">PDF</a>	5	0.25

Part No. [UR14-532-B](#)

**NITRA** pneumatic push-to-connect union straight reducer fittings with nickel-plated brass body and stainless steel tube gripping claws. For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Union Straight Reducer					
Imperial Tube					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">UR14-532-B</a>	(1) 1/4in push-to-connect x (1) 5/32in (4mm) push-to-connect	\$15.00	<a href="#">PDF</a>	5	0.11
<a href="#">UR516-14-B</a>	(1) 5/16in (8mm) push-to-connect x (1) 1/4in push-to-connect	\$21.50	<a href="#">PDF</a>	5	0.18
<a href="#">UR38-516-B</a>	(1) 3/8in push-to-connect x (1) 5/16in (8mm) push-to-connect	\$26.00	<a href="#">PDF</a>	5	0.23
<a href="#">UR38-14-B</a>	(1) 3/8in push-to-connect x (1) 1/4in push-to-connect	\$26.00	<a href="#">PDF</a>	5	0.21
Hybrid Imperial to Metric Tube					
<a href="#">UR14-6M-B</a>	(1) 1/4in push-to-connect x (1) 6mm push-to-connect	\$15.00	<a href="#">PDF</a>	5	0.15
<a href="#">UR38-6M-B</a>	(1) 3/8in push-to-connect x (1) 6mm push-to-connect	\$26.00	<a href="#">PDF</a>	5	0.22
<a href="#">UR38-10M-B</a>	(1) 10mm push-to-connect x (1) 3/8in push-to-connect	\$26.50	<a href="#">PDF</a>	5	0.25
Metric Tube					
<a href="#">UR6M-4M-B</a>	(1) 6mm push-to-connect x (1) 5/32in (4mm) push-to-connect	\$15.00	<a href="#">PDF</a>	5	0.12
<a href="#">UR8M-6M-B</a>	(1) 5/16in (8mm) push-to-connect x (1) 6mm push-to-connect	\$21.50	<a href="#">PDF</a>	5	0.16





# Nickel-Plated Brass Push-to-Connect Fittings

Part No. [UL532-B](#)

**NITRA** pneumatic push-to-connect union elbow fittings with nickel-plated brass body and stainless steel tube gripping claws. For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Union Elbow					
Imperial Tube					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">UL532-B</a>	(1) 5/32in (4mm) push-to-connect to (1) 5/32in (4mm) push-to-connect	\$15.00	<a href="#">PDF</a>	5	0.15
<a href="#">UL14-B</a>	(1) 1/4in push-to-connect to (1) 1/4in push-to-connect	\$16.50	<a href="#">PDF</a>	5	0.17
<a href="#">UL38-B</a>	(1) 3/8in push-to-connect to (1) 3/8in push-to-connect	\$24.00	<a href="#">PDF</a>	5	0.37
Metric Tube					
<a href="#">UL6M-B</a>	(1) 6mm push-to-connect to (1) 6mm push-to-connect	\$16.50	<a href="#">PDF</a>	5	0.18
<a href="#">UL8M-B</a>	(1) 5/16in (8mm) push-to-connect to (1) 5/16in (8mm) push-to-connect	\$19.00	<a href="#">PDF</a>	5	0.23

Part No. [UT532-B](#)

**NITRA** pneumatic push-to-connect union T fittings with nickel plated brass body and stainless steel tube gripping claws. For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Union T					
Imperial Tube					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">UT532-B</a>		\$20.50	<a href="#">PDF</a>	5	0.14
<a href="#">UT14-B</a>		\$23.50	<a href="#">PDF</a>	5	0.24
<a href="#">UT38-B</a>		\$33.50	<a href="#">PDF</a>	5	0.5
Metric Tube					
<a href="#">UT6M-B</a>		\$23.50	<a href="#">PDF</a>	5	0.25
<a href="#">UT8M-B</a>		\$26.50	<a href="#">PDF</a>	5	0.31



# Nickel-Plated Brass Push-to-Connect Fittings

Part No. [UY532-B](#)

**NITRA** pneumatic push-to-connect union Y fittings with nickel plated-brass body and stainless steel tube gripping claws. For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Union Y					
Imperial Tube					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">UY532-B</a>		\$43.50	<a href="#">PDF</a>	5	0.15
<a href="#">UY14-B</a>		\$49.00	<a href="#">PDF</a>	5	0.29
<a href="#">UY38-B</a>		\$76.00	<a href="#">PDF</a>	5	0.63
Metric Tube					
<a href="#">UY6M-B</a>		\$49.00	<a href="#">PDF</a>	5	0.27
<a href="#">UY8M-B</a>		\$57.00	<a href="#">PDF</a>	5	0.38

Part No. [PR14-532-B](#)

**NITRA** pneumatic push-to-connect plug-in reducer fittings with nickel plated brass body and stainless steel tube gripping claws. For use with flexible tubing. Five fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Plug-In Reducer					
Imperial Tube					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">PR14-532-B</a>	(1) 1/4in plug-in x (1) 5/32in (4mm) push-to-connect	\$10.00	<a href="#">PDF</a>	5	0.09
<a href="#">PR38-14-B</a>	(1) 3/8in plug-in x (1) 1/4in push-to-connect	\$13.50	<a href="#">PDF</a>	5	0.17
Metric Tube					
<a href="#">PR6M-4M-B</a>	(1) 6mm plug-in x (1) 5/32in (4mm) push-to-connect	\$10.00	<a href="#">PDF</a>	5	0.09
<a href="#">PR8M-6M-B</a>	(1) 5/16in (8mm) plug-in x (1) 6mm push-to-connect	\$12.50	<a href="#">PDF</a>	5	0.13



# Nickel-Plated Brass Push-to-Connect Fittings

Part No. [FVS532-10N-B](#)

**NITRA** pneumatic push-to-connect male elbow flow control valves with rotating nickel-plated brass body, nickel-plated brass threads, stainless steel tube gripping claws and pre-applied Teflon thread sealant (#10-32, M5 and G threads have O-ring instead of thread sealant). All valves are free flow in, controlled flow out. For use with flexible tubing. Two fittings per package.

- Performs well in harsh duty or washdown applications
- Working Pressure 0 to 300 psi
- Working Temperature 0 to 175°F (-17.8 to 79.4°C)

NITRA™ Nickel-Plated Brass Elbow Flow Control Valves					
Imperial Tube and Threads					
Part No.	Size	Price	Drawing Link	Qty. per pack	Weight (lb)
<a href="#">FVS532-10N-B</a>	(1) #10-32 male UNF x (1) 5/32in (4mm) push-to-connect	\$23.00	<a href="#">PDF</a>	2	0.06
<a href="#">FVS532-18N-B</a>	(1) 1/8in male NPT x (1) 5/32in (4mm) push-to-connect	\$22.00	<a href="#">PDF</a>	2	0.13
<a href="#">FVS14-10N-B</a>	(1) #10-32 male UNF x (1) 1/4in push-to-connect	\$23.50	<a href="#">PDF</a>	2	0.07
<a href="#">FVS14-18N-B</a>	(1) 1/8in male NPT x (1) 1/4in push-to-connect	\$22.50	<a href="#">PDF</a>	2	0.14
<a href="#">FVS14-14N-B</a>	(1) 1/4in male NPT x (1) 1/4in push-to-connect	\$26.00	<a href="#">PDF</a>	2	0.23
<a href="#">FVS516-14N-B</a>	(1) 1/4in male NPT x (1) 5/16in (8mm) push-to-connect	\$26.50	<a href="#">PDF</a>	2	0.24
<a href="#">FVS38-14N-B</a>	(1) 1/4in male NPT x (1) 3/8in push-to-connect	\$30.50	<a href="#">PDF</a>	2	0.3
<a href="#">FVS38-38N-B</a>	(1) 3/8in male NPT x (1) 3/8in push-to-connect	\$38.50	<a href="#">PDF</a>	2	0.41
<a href="#">FVS38-12N-B</a>	(1) 1/2in male NPT x (1) 3/8in push-to-connect	\$48.00	<a href="#">PDF</a>	2	0.63
Hybrid Imperial to Metric R Threads (BSPT)					
<a href="#">FVS14-18R-B</a>	(1) R1/8 male BSPT x (1) 1/4in push-to-connect	\$22.50	<a href="#">PDF</a>	2	0.14
<a href="#">FVS14-14R-B</a>	(1) R1/4 male BSPT x (1) 1/4in push-to-connect	\$26.00	<a href="#">PDF</a>	2	0.23
Hybrid Imperial to Metric G Threads (BSPP)					
<a href="#">FVS14-18G-B</a>	(1) G1/8 male BSPP x (1) 1/4in push-to-connect	\$22.50	<a href="#">PDF</a>	2	0.14
<a href="#">FVS14-14G-B</a>	(1) G1/4 male BSPP x (1) 1/4in push-to-connect	\$26.00	<a href="#">PDF</a>	2	0.23
<a href="#">FVS38-14G-B</a>	(1) G1/4 male BSPP x (1) 3/8in push-to-connect	\$30.50	<a href="#">PDF</a>	2	0.25
<a href="#">FVS38-38G-B</a>	(1) G3/8 male BSPP x (1) 3/8in push-to-connect	\$38.50	<a href="#">PDF</a>	2	0.42
<a href="#">FVS38-12G-B</a>	(1) G1/2 male BSPP x (1) 3/8in push-to-connect	\$48.00	<a href="#">PDF</a>	2	0.63
Metric Tube to Imperial					
<a href="#">FVS4M-M5-B</a>	(1) M5 x 0.8 male ISO x (1) 5/32in (4mm) push-to-connect	\$23.00	<a href="#">PDF</a>	2	0.06
<a href="#">FVS6M-M5-B</a>	(1) M5 x 0.8 male ISO x (1) 6mm push-to-connect	\$23.50	<a href="#">PDF</a>	2	0.07
<a href="#">FVS6M-18N-B</a>	(1) 1/8in male NPT x (1) 6mm push-to-connect	\$22.50	<a href="#">PDF</a>	2	0.14
Hybrid Metric Tube to Metric R Threads (BSPT)					
<a href="#">FVS6M-18R-B</a>	(1) R1/8 male BSPT x (1) 6mm push-to-connect	\$22.50	<a href="#">PDF</a>	2	0.14
<a href="#">FVS6M-14R-B</a>	(1) R1/4 male BSPT x (1) 6mm push-to-connect	\$26.00	<a href="#">PDF</a>	2	0.23
<a href="#">FVS8M-14R-B</a>	(1) R1/4 male BSPT x (1) 5/16in (8mm) push-to-connect	\$26.50	<a href="#">PDF</a>	2	0.24
Hybrid Metric Tube to Metric G Threads (BSPP)					
<a href="#">FVS6M-18G-B</a>	(1) G1/8 male BSPP x (1) 6mm push-to-connect	\$22.50	<a href="#">PDF</a>	2	0.14
<a href="#">FVS6M-14G-B</a>	(1) G1/4 male BSPP x (1) 6mm push-to-connect	\$26.00	<a href="#">PDF</a>	2	0.23
<a href="#">FVS8M-14G-B</a>	(1) G1/4 male BSPP x (1) 5/16in (8mm) push-to-connect	\$26.50	<a href="#">PDF</a>	2	0.24



# Stainless Steel Push-to-Connect Fittings

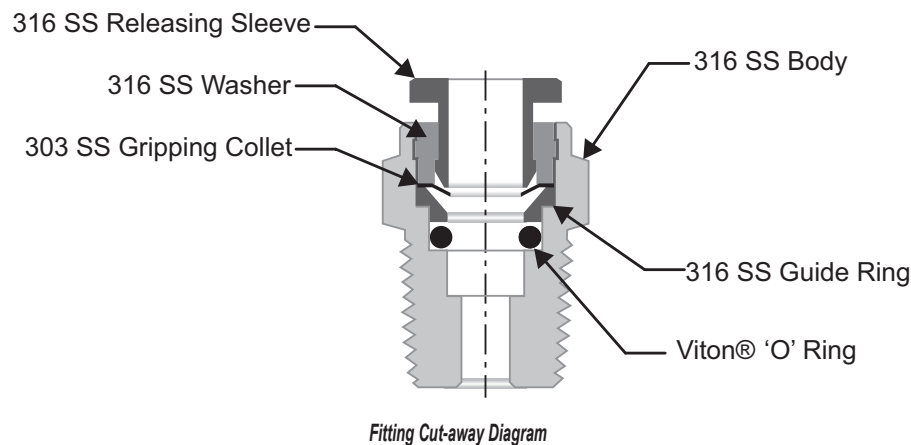
**NITRA** stainless steel pneumatic push-to-connect fittings are made with 316 stainless steel bodies and 303 stainless steel gripping collets with internal Viton o-ring. Threaded components are 316 stainless steel. The rugged construction of the fittings allows for use in high temperature applications. The bodies of elbow fittings with threaded connections can be rotated after installation to allow for variations in piping direction. **NITRA** flexible pneumatic tubing is easily connected by simply inserting the tubing end into the fitting. To release the tubing, press the circular releasing sleeve and the tubing can be easily pulled out. **NITRA** stainless steel fittings can be used with polyurethane, nylon and PTFE tubing among others.

## Features

- Large selection of fitting configurations
- Inch and metric sizes available
- NPT and BSPT (R) threads available
- 316 stainless steel bodies and 303 stainless steel gripping collets, 316 stainless steel threads, internal Viton O-ring
- Threaded elbow bodies can be rotated after installation
- For use with air, water, oil, etc... (check chemical compatibility for other media)
- Working pressure: -29.5" Hg to 290 psi
- Working temperature: 32 to 390°F (0 to 200°C)

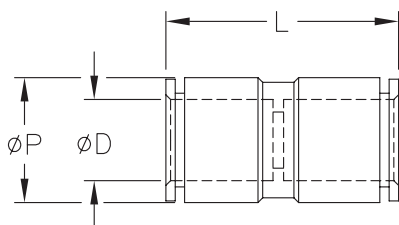


**Ideal for washdown and harsh environments**





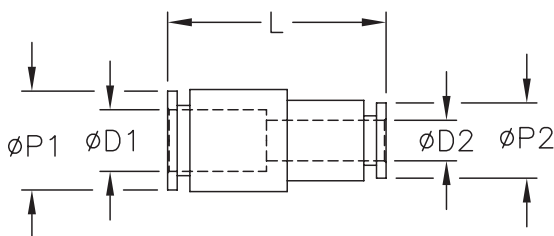
# Stainless Steel Push-to-Connect Fittings



## NITRA stainless steel union straight fitting

- Performs well in harsh duty or washdown applications

NITRA™ Stainless Steel Union Straight							
Inch Sizes - dimensions in inches (in.)							
Part No.	Price	Size	øD	øP	L	Items Weight (lbs)	Qty. per pack
<a href="#"><u>US532-SS</u></a>	\$19.50	5/32 in. [4 mm]	5/32	0.41	1.28	0.2	1
<a href="#"><u>US14-SS</u></a>	\$21.00	1/4 in.	1/4	0.49	1.28	0.2	1
<a href="#"><u>US38-SS</u></a>	\$30.00	3/8 in.	3/8	0.69	1.62	0.3	1
<a href="#"><u>US12-SS</u></a>	\$37.50	1/2 in.	1/2	0.77	1.76	0.3	1
Metric Sizes - dimensions in millimeters (mm)							
<a href="#"><u>US6M-SS</u></a>	\$21.00	6 mm	6	12.5	32.6	0.2	1
<a href="#"><u>US8M-SS</u></a>	\$22.50	8 mm	8	14.5	35.6	0.3	1



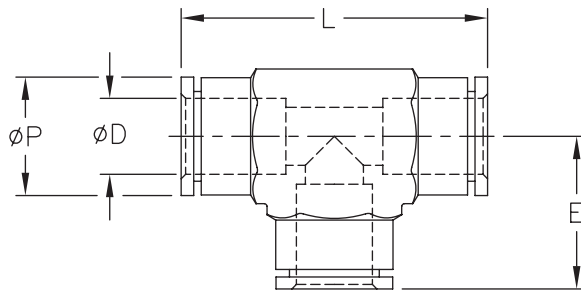
## NITRA stainless steel union reducer

- Performs well in harsh duty or washdown applications

NITRA™ Stainless Steel Union Reducer									
Inch Sizes - dimensions in inches (in.)									
Part No.	Price	Size	øD1	øD2	øP1	L	øP2	Items Weight (lbs)	Qty. per pack
<a href="#"><u>UR38-14-SS</u></a>	\$31.00	3/8 in. x 1/4 in.	3/8	1/4	0.69	1.46	0.49	0.3	1
<a href="#"><u>UR12-38-SS</u></a>	\$39.50	1/2 in. x 3/8 in.	1/2	3/8	0.77	1.69	0.69	0.3	1
Metric Sizes - dimensions in millimeters (mm)									
<a href="#"><u>UR6M-4M-SS</u></a>	\$20.50	6 mm x 4 mm	6	4	12.5	32.5	10.5	0.2	1
<a href="#"><u>UR8M-6M-SS</u></a>	\$24.00	8 mm x 6 mm	8	6	14.5	34.1	12.5	0.3	1



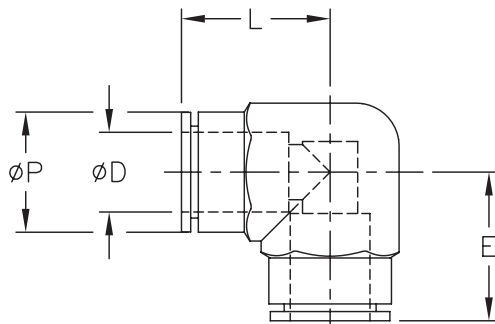
# Stainless Steel Push-to-Connect Fittings



## NITRA stainless steel union tee

- Performs well in harsh duty or washdown applications

NITRA™ Stainless Steel Union Tee								
Inch Sizes - dimensions in inches (in.)								
Part No.	Price	Size	øD	øP	E	L	Items Weight (lbs)	Qty. per pack
<a href="#">UT532-SS</a>	\$30.00	5/32 in. [4 mm]	5/32	0.39	0.73	1.46	0.3	1
<a href="#">UT14-SS</a>	\$37.00	1/4 in.	1/4	0.47	1.55	1.01	0.4	1
<a href="#">UT38-SS</a>	\$51.00	3/8 in.	3/8	0.67	2.14	1.07	0.9	1
<a href="#">UT12-SS</a>	\$72.00	1/2 in.	1/2	0.77	2.30	1.15	1.1	1
Metric Sizes - dimensions in millimeters (mm, except where noted)								
<a href="#">UT6M-SS</a>	\$32.00	6 mm	6	12.0	19.7	39.4	0.4	1
<a href="#">UT8M-SS</a>	\$39.00	8 mm	8	14.0	22.5	45.0	0.5	1
<a href="#">UT10M-SS</a>	\$51.00	10 mm	10	17.0	27.2	54.4	0.9	1



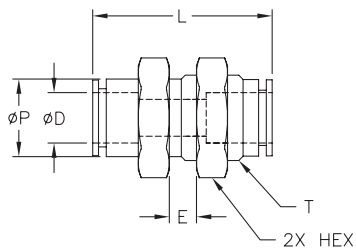
## NITRA stainless steel union elbow

- Performs well in harsh duty or washdown applications

NITRA™ Stainless Steel Union Elbow								
Inch Sizes - dimensions in inches (in.)								
Part No.	Price	Size	øD	øP	L	E	Items Weight (lbs)	Qty. per pack
<a href="#">UL532-SS</a>	\$23.50	5/32 in. [4 mm]	5/32	0.39	0.73	0.73	0.3	1
<a href="#">UL14-SS</a>	\$23.50	1/4 in.	1/4	0.47	0.78	0.78	0.3	1
<a href="#">UL38-SS</a>	\$39.50	3/8 in.	3/8	0.67	1.07	1.07	0.7	1
<a href="#">UL12-SS</a>	\$53.00	1/2 in.	1/2	0.77	1.15	1.15	0.9	1
Metric Sizes - dimensions in millimeters (mm)								
<a href="#">UL6M-SS</a>	\$25.00	6 mm	6	12.0	19.7	19.7	0.3	1
<a href="#">UL8M-SS</a>	\$30.50	8 mm	8	14.0	22.5	22.5	0.4	1
<a href="#">UL10M-SS</a>	\$39.50	10 mm	10	17.0	27.2	27.2	0.7	1



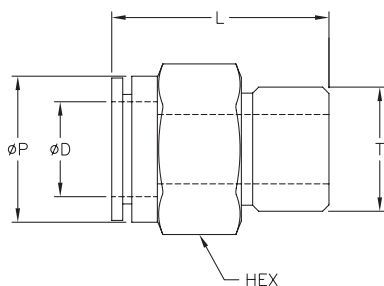
# Stainless Steel Push-to-Connect Fittings



## NITRA stainless steel bulkhead union

- Performs well in harsh duty or washdown applications
- Note: If penetrating a NEMA enclosure, this union will only maintain a NEMA 1 rating.

NITRA™ Stainless Steel Bulkhead Union										
Inch Sizes - dimensions in inches (in., except where noted)										
Part No.	Price	Size	ØD	ØP	L	E (Max.)	HEX (mm)	T	Items Weight (lb)	Qty. per pack
<a href="#">UB532-SS</a>	\$29.00	5/32 in. [4 mm]	5/32	0.35	1.28	0.37	14.0	M12x1.0	0.3	1
<a href="#">UB14-SS</a>	\$29.00	1/4 in.	1/4	0.46	1.28	0.37	17.0	M14x1.0	0.5	1
<a href="#">UB38-SS</a>	\$41.50	3/8 in.	3/8	0.63	1.62	0.55	24.0	M20x1.0	0.8	1
<a href="#">UB12-SS</a>	\$62.00	1/2 in.	1/2	0.75	1.76	0.67	26.0	M22x1.0	1.1	1
Metric Sizes - dimensions in millimeters (mm)										
<a href="#">UB6M-SS</a>	\$29.00	6 mm	6	11.6	32.6	9.5	17.0	M14x1.0	0.5	1
<a href="#">UB8M-SS</a>	\$31.50	8 mm	8	13.2	35.6	12.0	19.0	M16x1.0	0.7	1



## NITRA stainless steel male straight

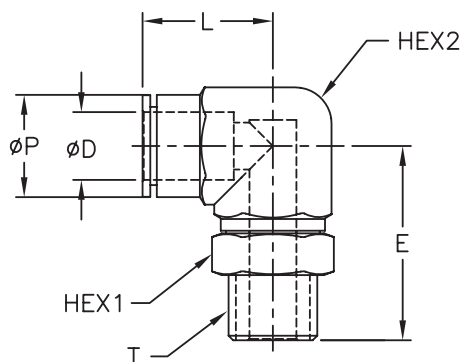
- Performs well in harsh duty or washdown applications

NITRA™ Stainless Steel Male Straight									
Inch Sizes - dimensions in inches (in., except where noted)									
Part No.	Price	Size	ØD	ØP	L	T	HEX (mm)	Items Weight (lb)	Qty. per pack
<a href="#">MS532-18N-SS</a>	\$12.00	5/32 in. [4 mm] x 1/8 NPT	5/32	0.35	0.83	1/8 NPT	10.0	0.1	1
<a href="#">MS14-18N-SS</a>	\$14.00	1/4 in. x 1/8 NPT	1/4	0.46	0.81	1/8 NPT	12.0	0.2	1
<a href="#">MS14-14N-SS</a>	\$14.00	1/4 in. x 1/4 NPT	1/4	0.46	0.97	1/4 NPT	14.0	0.2	1
<a href="#">MS38-14N-SS</a>	\$22.00	3/8 in. x 1/4 NPT	3/8	0.63	1.27	1/4 NPT	17.0	0.3	1
<a href="#">MS38-38N-SS</a>	\$22.00	3/8 in. x 3/8 NPT	3/8	0.63	1.28	3/8 NPT	19.0	0.4	1
<a href="#">MS12-14N-SS</a>	\$24.00	1/2 in. x 1/4 NPT	1/2	0.75	1.37	1/4 NPT	19.0	0.5	1
<a href="#">MS12-38N-SS</a>	\$27.50	1/2 in. x 3/8 NPT	1/2	0.75	1.37	3/8 NPT	19.0	0.5	1
<a href="#">MS12-12N-SS</a>	\$28.50	1/2 in. x 1/2 NPT	1/2	0.75	1.52	1/2 NPT	22.0	0.6	1
Metric Sizes - dimensions in millimeters (mm)									
<a href="#">MS4M-18R-SS</a>	\$12.00	4 mm x R1/8	4	9.0	21.0	1/8 BSPT	10.0	0.2	1
<a href="#">MS4M-14R-SS</a>	\$13.50	4 mm x R1/4	4	9.0	24.4	1/4 BSPT	14.0	0.3	1
<a href="#">MS6M-18R-SS</a>	\$14.00	6 mm x R1/8	6	11.6	20.7	1/8 BSPT	12.0	0.2	1
<a href="#">MS6M-14R-SS</a>	\$14.00	6 mm x R1/4	6	11.6	24.7	1/4 BSPT	14.0	0.3	1
<a href="#">MS8M-18R-SS</a>	\$15.00	8 mm x R1/8	8	13.2	27.5	1/8 BSPT	14.0	0.2	1
<a href="#">MS8M-14R-SS</a>	\$15.00	8 mm x R1/4	8	13.2	1.0	1/4 BSPT	14.0	0.2	1
<a href="#">MS8M-38R-SS</a>	\$18.50	8 mm x R3/8	8	13.2	26.5	3/8 BSPT	19.0	0.4	1
<a href="#">MS10M-14R-SS</a>	\$20.50	10 mm x R1/4	10	16.0	32.2	1/4 BSPT	17.0	0.3	1
<a href="#">MS10M-38R-SS</a>	\$20.50	10 mm x R3/8	10	16.0	32.5	3/8 BSPT	19.0	0.4	1





# Stainless Steel Push-to-Connect Fittings



## NITRA stainless steel male elbow

- Performs well in harsh duty or washdown applications

NITRA™ Stainless Steel Male Elbow											
Inch Sizes - dimensions in inches (in., except where noted)											
Part No.	Price	Size	øD	øP	L	E	HEX1 (mm)	HEX2 (mm)	T	Items Weight (lbs)	Qty. per pack
<a href="#">ME532-18N-SS</a>	\$29.50	5/32 in. [4 mm] x 1/8 NPT	5/32	0.39	0.73	0.79	12.0	7.5	1/8 NPT	0.3	1
<a href="#">ME14-18N-SS</a>	\$30.00	1/4 in. x 1/8 NPT	1/4	0.47	1.01	10.6	12.0	9.5	1/8 NPT	0.4	1
<a href="#">ME14-14N-SS</a>	\$31.50	1/4 in. x 1/4 NPT	1/4	0.47	0.74	0.93	14.0	9.5	1/4 NPT	0.5	1
<a href="#">ME38-14N-SS</a>	\$40.00	3/8 in. x 1/4 NPT	3/8	0.67	0.99	1.22	17.0	13.0	1/4 NPT	1.0	1
<a href="#">ME38-38N-SS</a>	\$51.00	3/8 in. x 3/8 NPT	3/8	0.67	0.99	1.22	19.0	13.0	3/8 NPT	1.1	1
<a href="#">ME12-14N-SS</a>	\$64.00	1/2 in. x 1/4 NPT	1/2	0.77	1.07	1.27	17.0	19.5	1/4 NPT	1.2	1
<a href="#">ME12-38N-SS</a>	\$64.00	1/2 in. x 3/8 NPT	1/2	0.77	1.07	1.27	19.0	15.5	3/8 NPT	1.2	1
<a href="#">ME12-12N-SS</a>	\$66.00	1/2 in. x 1/2 NPT	1/2	0.77	10.7	1.39	22.0	15.5	1/2 NPT	1.4	1
Metric Sizes - dimensions in millimeters (mm)											
<a href="#">ME4M-18R-SS</a>	\$29.50	4 mm x R1/8	4	10.0	18.6	20.1	12.0	7.5	1/8 BSPT	0.3	1
<a href="#">ME4M-14R-SS</a>	\$31.00	4 mm x R1/4	4	10.0	18.6	20.1	12.0	7.5	1/4 BSPT	0.4	1
<a href="#">ME6M-18R-SS</a>	\$30.00	6 mm x R1/8	6	12.0	18.7	21.0	12.0	9.5	1/8 BSPT	0.4	1
<a href="#">ME6M-14R-SS</a>	\$31.50	6mm x R1/4	6	12.0	18.7	23.5	14.0	9.5	1/4 BSPT	0.5	1
<a href="#">ME8M-18R-SS</a>	\$35.00	8 mm x R1/8	8	14.0	20.0	22.0	13.9	10.5	1/8 BSPT	0.5	1
<a href="#">ME8M-14R-SS</a>	\$36.00	8 mm x R1/4	8	14.0	20.0	24.5	16.2	10.5	1/4 BSPT	0.6	1
<a href="#">ME8M-38R-SS</a>	\$39.00	8 mm x R3/8	8	14.0	20.0	27.5	19.0	10.5	3/8 BSPT	0.7	1
<a href="#">ME10M-14R-SS</a>	\$40.00	10 mm x R1/4	10	17.0	25.2	31.0	17.0	13.0	1/4 BSPT	0.8	1
<a href="#">ME10M-38R-SS</a>	\$51.00	10 mm x R3/8	10	17.0	25.2	31.0	19.0	13.0	3/8 BSPT	0.9	1



# Quick-Disconnect Fittings

NITRA pneumatic quick-disconnect hose couplings allow easy changing of tools or hose connections. Couplers and plugs are sold separately. Industrial Interchange, ARO210 and Truflate plugs are available in steel and chrome-plated steel. Couplers are available in Industrial Interchange manual or automatic and universal automatic.

## Features

- Plugs and couplers for 1/4 and 3/8 inch hose sizes
- Male and female NPT threaded
- Thread sealant supplied on all male fittings
- Maximum pressure of 250 psi, including safety coupler fittings



**HC14-38F-A**

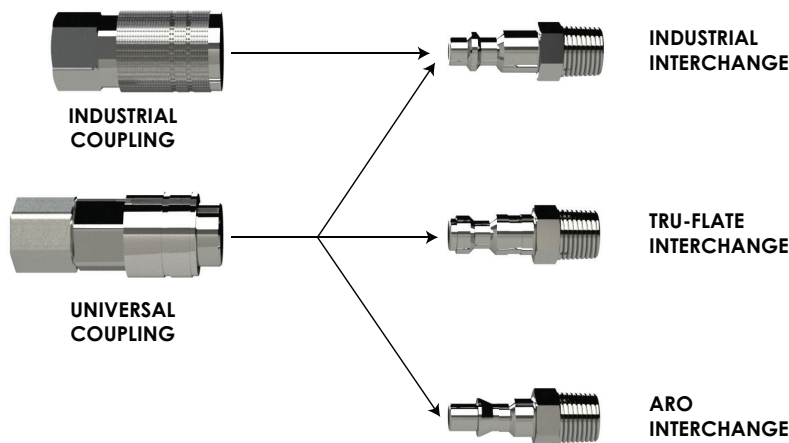


**HC14-38F-B**



**HC14-14M-C**

NITRA™ Quick-Disconnect 1/4 in. I.D. Coupler Fittings				
Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<a href="#"><u>HC14-14F-A</u></a>	\$8.50	Quick-disconnect coupler, industrial interchange, steel, 1/4 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.2
<a href="#"><u>HC14-38F-A</u></a>	\$9.00	Quick-disconnect coupler, industrial interchange, steel, 1/4 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.2
<a href="#"><u>HC14-14M-A</u></a>	\$8.50	Quick-disconnect coupler, industrial interchange, steel, 1/4 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.2
<a href="#"><u>HC14-38M-A</u></a>	\$8.75	Quick-disconnect coupler, industrial interchange, steel, 1/4 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.2
<a href="#"><u>HC14-14F-B</u></a>	\$16.00	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 1/4 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.2
<a href="#"><u>HC14-38F-B</u></a>	\$16.00	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 1/4 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.2
<a href="#"><u>HC14-14M-B</u></a>	\$16.00	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 1/4 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.2
<a href="#"><u>HC14-38M-B</u></a>	\$16.00	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 1/4 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.2
<a href="#"><u>HC14-14F-C</u></a>	\$22.00	Quick-disconnect automatic coupler, universal, chrome plated steel, 1/4 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.2
<a href="#"><u>HC14-38F-C</u></a>	\$22.00	Quick-disconnect automatic coupler, universal, chrome plated steel, 1/4 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.2
<a href="#"><u>HC14-14M-C</u></a>	\$22.00	Quick-disconnect automatic coupler, universal, chrome plated steel, 1/4 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.2
<a href="#"><u>HC14-38M-C</u></a>	\$22.00	Quick-disconnect automatic coupler, universal, chrome plated steel, 1/4 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.2





# Quick-Disconnect Fittings

**HCP14-14F-J****HCP14-14M-K****HCP14-14M-L****HCP14-14F-M**

NITRA™ Quick-Disconnect 1/4 in. I.D. Plug Fittings				
Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<a href="#"><u>HCP14-14F-J</u></a>	\$1.75	Quick-disconnect plug, industrial interchange, steel, 1/4 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP14-38F-J</u></a>	\$3.50	Quick-disconnect plug, industrial interchange, steel, 1/4 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP14-14M-J</u></a>	\$1.75	Quick-disconnect plug, industrial interchange, steel, 1/4 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP14-38M-J</u></a>	\$2.75	Quick-disconnect plug, industrial interchange, steel, 1/4 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP14-14F-K</u></a>	\$2.50	Quick-disconnect plug, ARO 210, steel, 1/4 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP14-14M-K</u></a>	\$2.25	Quick-disconnect plug, ARO 210, steel, 1/4 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP14-14F-L</u></a>	\$2.25	Quick-disconnect plug, Truflate, steel, 1/4 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP14-14M-L</u></a>	\$1.75	Quick-disconnect plug, Truflate, steel, 1/4 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP14-38M-L</u></a>	\$3.00	Quick-disconnect plug, Truflate, steel, 1/4 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP14-14F-M</u></a>	\$3.00	Quick-disconnect plug, industrial interchange, chrome plated steel, 1/4 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP14-38F-M</u></a>	\$4.75	Quick-disconnect plug, industrial interchange, chrome plated steel, 1/4 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP14-14M-M</u></a>	\$3.00	Quick-disconnect plug, industrial interchange, chrome plated steel, 1/4 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP14-38M-M</u></a>	\$3.00	Quick-disconnect plug, industrial interchange, chrome plated steel, 1/4 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.1

## NITRA™ Quick-Disconnect 3/8 in. I.D. Coupler Fittings

Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<a href="#"><u>HC38-14F-A</u></a>	\$12.50	Quick-disconnect coupler, industrial interchange, steel, 3/8 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.3
<a href="#"><u>HC38-38F-A</u></a>	\$12.50	Quick-disconnect coupler, industrial interchange, steel, 3/8 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.3
<a href="#"><u>HC38-12F-A</u></a>	\$19.00	Quick-disconnect coupler, industrial interchange, steel, 3/8 inch inside diameter with 1/2 inch female NPT threaded connection	1	0.3
<a href="#"><u>HC38-14M-A</u></a>	\$11.50	Quick-disconnect coupler, industrial interchange, steel, 3/8 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.3
<a href="#"><u>HC38-38M-A</u></a>	\$18.50	Quick-disconnect coupler, industrial interchange, steel, 3/8 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.3
<a href="#"><u>HC38-12M-A</u></a>	\$16.50	Quick-disconnect coupler, industrial interchange, steel, 3/8 inch inside diameter with 1/2 inch male NPT threaded connection	1	0.3
<a href="#"><u>HC38-14F-B</u></a>	\$17.50	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.2
<a href="#"><u>HC38-38F-B</u></a>	\$17.50	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.2
<a href="#"><u>HC38-14M-B</u></a>	\$17.50	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.2
<a href="#"><u>HC38-38M-B</u></a>	\$17.50	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.2
<a href="#"><u>HC38-12M-B</u></a>	\$23.00	Quick-disconnect automatic coupler, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 1/2 inch male NPT threaded connection	1	0.2

**HC38-14F-A****HC38-14M-A****HC38-14M-B**



# Quick-Disconnect Fittings

**HCP38-14M-J****HCP38-14F-M**

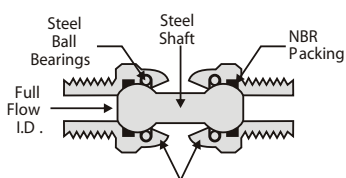
<b>NITRA™ Quick-Disconnect 3/8 in. I.D. Plug Fittings Cont'd</b>				
<b>Part No.</b>	<b>Price</b>	<b>Description</b>	<b>Parts Per Pkg</b>	<b>Weight (lbs)</b>
<a href="#"><u>HCP38-14F-J</u></a>	\$2.75	Quick-disconnect plug, industrial interchange, steel, 3/8 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP38-38F-J</u></a>	\$4.25	Quick-disconnect plug, industrial interchange, steel, 3/8 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP38-14M-J</u></a>	\$4.50	Quick-disconnect plug, industrial interchange, steel, 3/8 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP38-38M-J</u></a>	\$4.75	Quick-disconnect plug, industrial interchange, steel, 3/8 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP38-14F-M</u></a>	\$4.25	Quick-disconnect plug, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 1/4 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP38-38F-M</u></a>	\$4.75	Quick-disconnect plug, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 3/8 inch female NPT threaded connection	1	0.1
<a href="#"><u>HCP38-12F-M</u></a>	\$6.50	Quick-disconnect plug, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 1/2 inch female NPT threaded connection	1	0.2
<a href="#"><u>HCP38-14M-M</u></a>	\$4.25	Quick-disconnect plug, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 1/4 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP38-38M-M</u></a>	\$4.25	Quick-disconnect plug, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 3/8 inch male NPT threaded connection	1	0.1
<a href="#"><u>HCP38-12M-M</u></a>	\$5.75	Quick-disconnect plug, industrial interchange, chrome plated steel, 3/8 inch inside diameter with 1/2 inch male NPT threaded connection	1	0.1



# Quick-Disconnect Swivel Fittings

## Features

- Two independent-rotation points allow a full 360° circular rotation and 45° angled rotation for better swivel action vs. traditional swivel fittings
- Prevents kinking of and strain on the supply line
- Lightweight, streamlined design
- Chrome-plated steel construction for long service life
- Thread sealant supplied on all male fittings
- Maximum pressure of 145 psi



**45° Swivel Design**



**HS14F-14M**

NITRA™ 1/4 in. NPT Swivel Fittings				
Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<b><u>HS14F-14M</u></b>	\$40.00	Swivel fitting, chrome plated steel, 1/4 inch female NPT and 1/4 inch male NPT threaded connections	1	0.2



**HSP38-14M-S**

NITRA™ Quick-Disconnect Plug to NPT Swivel Fittings				
Part No.	Price	Description	Parts Per Pkg	Weight (lbs)
<b><u>HSP14-14M-S</u></b>	\$43.00	Quick-disconnect swivel fitting, chrome plated steel, 1/4 inch industrial interchange plug and 1/4 inch male NPT threaded connection	1	0.2
<b><u>HSP38-14M-S</u></b>	\$43.00	Quick-disconnect swivel fitting, chrome plated steel, 3/8 inch industrial interchange plug and 1/4 inch male NPT threaded connection	1	0.2
<b><u>HSP38-38M-S</u></b>	\$48.00	Quick-disconnect swivel fitting, chrome plated steel, 3/8 inch industrial interchange plug and 3/8 inch male NPT threaded connection	1	0.2
<b><u>HSP14-14M-T</u></b>	\$48.00	Quick-disconnect swivel fitting, chrome plated steel, 1/4 inch ARO 210 plug and 1/4 inch male NPT threaded connection	1	0.1
<b><u>HSP14-14M-U</u></b>	\$48.00	Quick-disconnect swivel fitting, chrome plated steel, 1/4 inch Truflate plug and 1/4 inch male NPT threaded connection	1	0.1



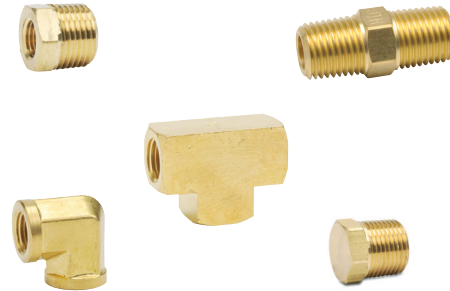
# Brass Adapter Fittings

**NITRA** brass fittings are machined from quality brass bar stock or forgings. They work well with air, water, oil, oxygen, nitrogen and argon. Available in most popular styles and sizes, the fittings all have NPT threaded connections.

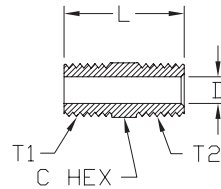
## Features

- 10 different styles
- Machined from yellow brass bar stock or forging
- Work with water, oil, air and other gases
- Maximum pressure of 800 psi

**Note: Actual product dimensions and appearance may vary**



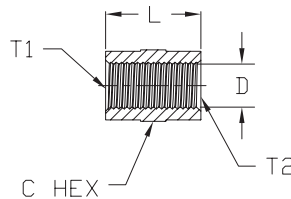
**BPMC-14N**



NITRA™ Male Brass Connectors									
Inch Sizes - dimensions in inches									
Part No.	Price	Description	Parts Per Pkg	Weight	T1	T2	C Hex	L	Flow Dia. D
<b>BPMC-18N</b>	\$6.00	Male connector, 1/8 inch NPT to 1/8 inch NPT	5	0.1	1/8	1/8	7/16	0.97	0.22
<b>BPMC-14N-18N</b>	\$8.50	Male connector, 1/4 inch NPT to 1/8 inch NPT	5	0.1	1/4	1/8	9/16	1.19	0.22
<b>BPMC-14N</b>	\$8.75	Male connector, 1/4 inch NPT to 1/4 inch NPT	5	0.1	1/4	1/4	9/16	1.38	0.31
<b>BPMC-38N-18N</b>	\$11.50	Male connector, 3/8 inch NPT to 1/8 inch NPT	5	0.3	3/8	1/8	11/16	1.22	0.22
<b>BPMC-38N-14N</b>	\$12.50	Male connector, 3/8 inch NPT to 1/4 inch NPT	5	0.3	3/8	1/4	11/16	1.41	0.31
<b>BPMC-38N</b>	\$14.00	Male connector, 3/8 inch NPT to 3/8 inch NPT	5	0.3	3/8	3/8	11/16	1.41	0.44
<b>BPMC-12N-14N</b>	\$7.75	Male connector, 1/2 inch NPT to 1/4 inch NPT	2	0.3	1/2	1/4	7/8	1.62	0.31
<b>BPMC-12N-38N</b>	\$7.75	Male connector, 1/2 inch NPT to 3/8 inch NPT	2	0.2	1/2	3/8	7/8	1.62	0.44
<b>BPMC-12N</b>	\$8.75	Male connector, 1/2 inch NPT to 1/2 inch NPT	2	0.3	1/2	1/2	7/8	1.81	0.56



**BFFC-12N-14N**



NITRA™ Female Brass Connectors									
Inch Sizes - dimensions in inches									
Part No.	Price	Description	Parts Per Pkg	Weight	T1	T2	C Hex	L	Flow Dia. D
<b>BFFC-18N</b>	\$6.50	Female connector, 1/8 inch NPT to 1/8 inch NPT	5	0.1	1/8	1/8	9/16	0.75	0.34
<b>BFFC-14N-18N</b>	\$11.00	Female connector, 1/4 inch NPT to 1/8 inch NPT	5	0.1	1/4	1/8	3/4	0.97	0.34
<b>BFFC-14N</b>	\$13.50	Female connector, 1/4 inch NPT to 1/4 inch NPT	5	0.2	1/4	1/4	3/4	1.12	0.44
<b>BFFC-38N-14N</b>	\$23.00	Female connector, 3/8 inch NPT to 1/4 inch NPT	5	0.2	3/8	1/4	7/8	1.16	0.44
<b>BFFC-38N</b>	\$17.00	Female connector, 3/8 inch NPT to 3/8 inch NPT	5	0.3	3/8	3/8	7/8	1.12	0.52
<b>BFFC-12N-14N</b>	\$10.00	Female connector, 1/2 inch NPT to 1/4 inch NPT	2	0.4	1/2	1/4	1-1/16	1.28	0.44
<b>BFFC-12N-38N</b>	\$13.00	Female connector, 1/2 inch NPT to 3/8 inch NPT	2	0.2	1/2	3/8	15/16	1.32	0.52
<b>BFFC-12N</b>	\$11.50	Female connector, 1/2 inch NPT to 1/2 inch NPT	2	0.4	1/2	1/2	1-1/16	1.50	0.70



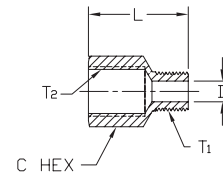


# Brass Adapter Fittings

**Note: Actual product dimensions and appearance may vary**



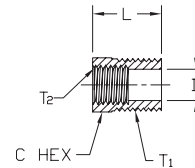
**BFMFR-38N-14N**



NITRA™ Male to Female Brass Connectors									
Inch Sizes - dimensions in inches									
Part No.	Price	Description	Parts Per Pkg	Weight	T1	T2	C Hex	L	Flow Dia. D
<b>BFMFR-14N-18N</b>	\$12.50	Male to female connector, 1/8 inch NPT male to 1/4 inch NPT female	5	0.1	1/4	1/8	3/4	1.06	0.22
<b>BFMFR-38N-18N</b>	\$22.00	Male to female connector, 1/8 inch NPT male to 3/8 inch NPT female	5	0.1	3/8	1/8	7/8	1.1	0.22
<b>BFMFR-38N-14N</b>	\$13.50	Male to female connector, 1/4 inch NPT male to 3/8 inch NPT female	5	0.1	3/8	1/4	7/8	1.25	0.314
<b>BFMFR-12N-38N</b>	\$11.00	Male to female connector, 3/8 inch NPT male to 1/2 inch NPT female	5	0.4	1/2	3/8	1-1/16	1.47	0.44



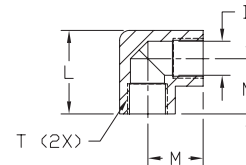
**BFHB-12N-14N**



NITRA™ Brass Hex Bushing									
Inch Sizes - dimensions in inches									
Part No.	Price	Description	Parts Per Pkg	Weight	T1	T2	C Hex	L	Flow Dia. D
<b>BFHB-14N-18N</b>	\$6.50	Hex bushing, 1/4 inch NPT male to 1/8 inch NPT female	5	0.3	1/4	1/8	9/16	0.75	0.34
<b>BFHB-38N-18N</b>	\$10.00	Hex bushing, 3/8 inch NPT male to 1/8 inch NPT female	5	0.3	3/8	1/8	11/16	0.75	0.34
<b>BFHB-38N-14N</b>	\$10.00	Hex bushing, 3/8 inch NPT male to 1/4 inch NPT female	5	0.3	3/8	1/4	3/4	0.75	0.44
<b>BFHB-12N-18N</b>	\$6.75	Hex bushing, 1/2 inch NPT male to 1/8 inch NPT female	2	0.3	1/2	1/8	7/8	1.0	0.34
<b>BFHB-12N-14N</b>	\$6.25	Hex bushing, 1/2 inch NPT male to 1/4 inch NPT female	2	0.3	1/2	1/4	7/8	1.0	0.44
<b>BFHB-12N-38N</b>	\$6.25	Hex bushing, 1/2 inch NPT male to 3/8 inch NPT female	2	0.2	1/2	3/8	7/8	1.0	0.57



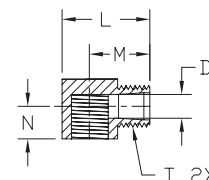
**BFFE-14N**



NITRA™ Brass Female Elbow								
Inch Sizes - dimensions in inches								
Part No.	Price	Description	Parts Per Pkg	Weight	T	M	Flow Dia. D	L
<b>BFFE-18N</b>	\$5.50	Female elbow, 1/8 inch NPT female	2	0.2	1/8	0.55	0.339	0.83
<b>BFFE-14N</b>	\$7.50	Female elbow, 1/4 inch NPT female	2	0.2	1/4	0.78	0.441	1.06
<b>BFFE-38N</b>	\$11.50	Female elbow, 3/8 inch NPT female	2	0.4	3/8	0.84	0.571	1.30



**BFSE-38N**



NITRA™ Female to Male Brass Street Elbow									
Inch Sizes - dimensions in inches									
Part No.	Price	Description	Parts Per Pkg	Weight	T	M	N	Flow Dia. D	L
<b>BFSE-18N</b>	\$3.00	Street elbow, 1/8 inch NPT female to 1/8 male	2	0.2	1/8	0.66	0.35	0.22	0.81
<b>BFSE-14N</b>	\$6.00	Street elbow, 1/4 inch NPT female to 1/4 male	2	0.2	1/4	0.91	0.47	0.34	1.25
<b>BFSE-38N</b>	\$8.75	Street elbow, 3/8 inch NPT female to 3/8 male	2	0.3	3/8	0.97	0.49	0.41	1.42
<b>BFSE-12N</b>	\$19.00	Street elbow, 1/2 inch NPT female to 1/2 male	2	0.4	1/2	1.25	1.03	0.56	1.61



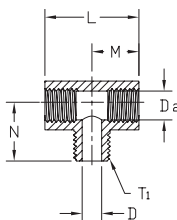


# Brass Adapter Fittings

• **Note: Actual product dimensions and appearance may vary**



**BFMT-14N**



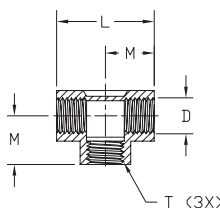
## NITRA™ Brass Male Tee Fittings

*Inch Sizes - dimensions in inches*

Part No.	Price	Description	Parts Per Pkg	Weight	T1	T2	L	M	N	Flow Dia. D
<b>BFMT-18N</b>	\$6.50	Male tee, 1/8 inch NPT male	2	0.3	1/8	1/8	1.06	0.53	0.66	0.22
<b>BFMT-14N</b>	\$12.50	Male tee, 1/4 inch NPT male	2	0.3	1/4	1/4	1.52	0.76	0.91	0.31
<b>BFMT-38N</b>	\$13.50	Male tee, 3/8 inch NPT male	2	0.4	3/8	3/8	1.68	0.84	0.97	0.44



**BFFT-14N**



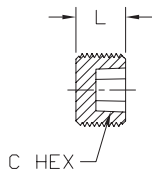
## NITRA™ Brass Female Tee Fittings

*Inch Sizes - dimensions in inches*

Part No.	Price	Description	Parts Per Pkg	Weight	T	L	M	Flow Dia. D
<b>BFFT-18N</b>	\$6.75	Female tee, 1/8 inch NPT female	2	0.3	1/8	1.06	0.53	0.34
<b>BFFT-14N</b>	\$12.00	Female tee, 1/4 inch NPT female	2	0.3	1/4	1.52	0.76	0.44
<b>BFFT-38N</b>	\$14.00	Female tee, 3/8 inch NPT female	2	0.5	3/8	1.68	0.84	0.57
<b>BFFT-12N</b>	\$26.50	Female tee, 1/2 inch NPT female	2	0.9	1/2	2.14	1.07	0.70



**BFRHP-38N**



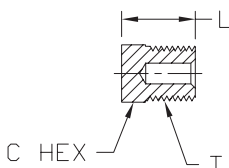
## NITRA™ Brass Recessed Hex Plug Fittings

*Inch Sizes - dimensions in inches*

Part No.	Price	Description	Parts Per Pkg	Weight	C Hex	L
<b>BFRHP-14N</b>	\$4.50	Recessed hex plug, 1/4 inch NPT male	5	0.1	1/4	0.46
<b>BFRHP-38N</b>	\$6.25	Recessed hex plug, 3/8 inch NPT male	5	0.2	5/16	0.46
<b>BFRHP-12N</b>	\$12.50	Recessed hex plug, 1/2 inch NPT male	5	0.2	3/8	0.61



**BFHHP-38N**



## NITRA™ Brass Hex Plug Fittings

*Inch Sizes - dimensions in inches*

Part No.	Price	Description	Parts Per Pkg	Weight	T	C Hex	L
<b>BFHHP-18N</b>	\$4.25	Hex head plug, 1/8 inch NPT male	5	0.1	1/8	7/16	0.56
<b>BFHHP-14N</b>	\$6.25	Hex head plug, 1/4 inch NPT male	5	0.1	1/4	9/16	0.75
<b>BFHHP-38N</b>	\$9.50	Hex head plug, 3/8 inch NPT male	5	0.1	3/8	11/16	0.78
<b>BFHHP-12N</b>	\$13.00	Hex head plug, 1/2 inch NPT male	5	0.2	1/2		0.97

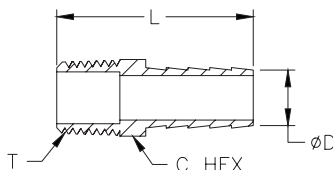


# Brass Adapter Fittings

• **Note: Actual product dimensions and appearance may vary**



**BAHB-316-18N**

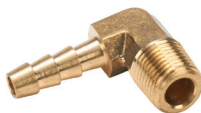
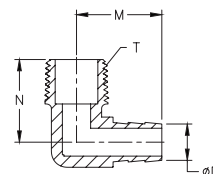


NITRA™ Brass Straight Barb Fitting							
Inch Sizes - dimensions in inches							
Part No.	Price	Description	Weight	T	L	ØD	C Hex
<a href="#"><u>BAHB-316-18N</u></a>	\$13.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/8in male NPT to (1) 3/16in hose. Package of 5.	0.1	1/8	1.20 [305]	0.20 [5.1]	0.44 [11.1]
<a href="#"><u>BAHB-316-14N</u></a>	\$13.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/4in male NPT to (1) 3/16in hose. Package of 5.	0.2	1/4	1.43 [36.2]	0.20 [5.1]	0.56 [14.3]
<a href="#"><u>BAHB-14-18N</u></a>	\$8.50	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/8in male NPT to (1) 1/4in hose. Package of 5.	0.1	1/8	1.49 [37.7]	0.24 [6.1]	0.44 [11.1]
<a href="#"><u>BAHB-14-14N</u></a>	\$11.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/4in male NPT to (1) 1/4in hose. Package of 5.	0.2	1/4	1.69 [42.9]	0.24 [6.1]	0.56 [14.3]
<a href="#"><u>BAHB-14-38N</u></a>	\$14.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 3/8in male NPT to (1) 1/4in hose. Package of 5.	0.3	3/8	1.70 [43.3]	0.24 [6.1]	0.69 [17.5]
<a href="#"><u>BAHB-516-18N</u></a>	\$12.50	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/8in male NPT to (1) 5/16in (8mm) hose. Package of 5.	0.1	1/8	1.40 [35.6]	0.29 [7.4]	0.44 [11.1]
<a href="#"><u>BAHB-516-14N</u></a>	\$10.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/4in male NPT to (1) 5/16in (8mm) hose. Package of 5.	0.2	1/4	1.70 [43.3]	0.29 [7.4]	0.56 [14.3]
<a href="#"><u>BAHB-516-38N</u></a>	\$23.50	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 3/8in male NPT to (1) 5/16in (8mm) hose. Package of 5.	0.3	3/8	1.49 [37.8]	0.29 [7.4]	0.69 [17.5]
<a href="#"><u>BAHB-38-14N</u></a>	\$11.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/4in male NPT to (1) 3/8in hose. Package of 5.	0.2	1/4	1.70 [43.3]	0.36 [9.2]	0.56 [14.3]
<a href="#"><u>BAHB-38-38N</u></a>	\$14.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 3/8in male NPT to (1) 3/8in hose. Package of 5.	0.3	3/8	1.70 [43.3]	0.36 [9.2]	0.69 [17.4]
<a href="#"><u>BAHB-38-12N</u></a>	\$25.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/2in male NPT to (1) 3/8in hose. Package of 5.	0.5	1/2	1.89 [48.0]	0.36 [9.2]	0.88 [22.2]
<a href="#"><u>BAHB-12-14N</u></a>	\$14.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/4in male NPT to (1) 1/2in hose. Package of 5.	0.3	1/4	1.70 [43.3]	0.48 [12.3]	0.56 [14.3]
<a href="#"><u>BAHB-12-38N</u></a>	\$15.50	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 3/8in male NPT to (1) 1/2in hose. Package of 5.	0.3	3/8	1.76 [44.8]	0.48 [12.3]	0.69 [17.5]
<a href="#"><u>BAHB-12-12N</u></a>	\$23.50	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/2in male NPT to (1) 1/2in hose. Package of 5.	0.5	1/2	1.86 [47.2]	0.48 [12.3]	0.88 [22.2]
<a href="#"><u>BAHB-58-38N</u></a>	\$14.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 3/8in male NPT to (1) 5/8in hose. Package of 3.	0.2	3/8	1.84 [46.7]	0.60 [15.3]	0.88 [22.2]
<a href="#"><u>BAHB-58-12N</u></a>	\$16.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/2in male NPT to (1) 5/8in hose. Package of 3.	0.4	1/2	1.98 [50.4]	0.60 [15.3]	0.88 [22.2]
<a href="#"><u>BAHB-58-34N</u></a>	\$27.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 3/4in male NPT to (1) 5/8in hose. Package of 3.	0.5	3/4	1.89 [48.1]	0.60 [15.3]	1.06 [27.0]
<a href="#"><u>BAHB-34-12N</u></a>	\$17.50	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1/2in male NPT to (1) 3/4in hose. Package of 3.	0.4	1/2	1.99 [50.5]	0.73 [18.5]	0.88 [22.2]
<a href="#"><u>BAHB-34-34N</u></a>	\$23.50	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 3/4in male NPT to (1) 3/4in hose. Package of 3.	0.3	3/4	2.03 [51.6]	0.73 [18.5]	1.06 [27.0]
<a href="#"><u>BAHB-34-1N</u></a>	\$44.50	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1in male NPT to (1) 3/4in hose. Package of 3.	0.8	1	2.25 [57.2]	0.73 [18.5]	1.38 [34.9]
<a href="#"><u>BAHB-1-34N</u></a>	\$8.75	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 3/4in male NPT to (1) 1in hose. Package of 1.	0.2	3/4	2.17 [55.0]	0.99 [25.1]	1.06 [27.0]
<a href="#"><u>BAHB-1-1N</u></a>	\$16.00	NITRA water, oil, air or gases threaded fitting, hose barb, brass body, brass threads, (1) 1in male NPT to (1) 1in hose. Package of 1.	0.3	1	2.36 [60.0]	0.99 [25.1]	1.38 [34.9]

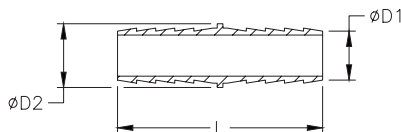


# Brass Adapter Fittings

- Note: Actual product dimensions and appearance may vary

**BAHBL-316-18N**

<b>NITRA™ Brass Male Elbow Barb Fitting</b>							
<i>Inch Sizes - dimensions in inches</i>							
Part No.	Price	Description	Weight	T	M	N	ØD
<b>BAHBL-316-18N</b>	\$25.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/8in male NPT to (1) 3/16in hose. Package of 5.	0.1	1/8	0.95 [24.0]	0.71 [18.2]	0.20 [5.1]
<b>BAHBL-316-14N</b>	\$31.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/4in male NPT to (1) 3/16in hose. Package of 5.	0.3	1/4	1.00 [25.4]	0.83 [21.1]	0.20 [5.1]
<b>BAHBL-14-18N</b>	\$25.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/8in male NPT to (1) 1/4in hose. Package of 5.	0.2	1/8	1.25 [31.8]	0.60 [15.3]	0.24 [6.1]
<b>BAHBL-14-14N</b>	\$31.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/4in male NPT to (1) 1/4in hose. Package of 5.	0.3	1/4	1.33 [33.8]	0.84 [21.4]	0.24 [6.1]
<b>BAHBL-14-38N</b>	\$53.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 3/8in male NPT to (1) 1/4in hose. Package of 5.	0.4	3/8	1.22 [31.0]	0.94 [23.9]	0.24 [6.1]
<b>BAHBL-516-38N</b>	\$58.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 3/8in male NPT to (1) 5/16in (8mm) hose. Package of 5.	0.4	3/8	1.22 [31.1]	0.90 [22.9]	0.29 [7.4]
<b>BAHBL-38-14N</b>	\$25.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/4in male NPT to (1) 3/8in hose. Package of 5.	0.4	1/4	1.32 [33.4]	0.83 [21.1]	0.36 [9.2]
<b>BAHBL-38-38N</b>	\$32.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 3/8in male NPT to (1) 3/8in hose. Package of 5.	0.6	3/8	1.42 [35.9]	0.95 [24.0]	0.36 [9.2]
<b>BAHBL-12-14N</b>	\$33.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/4in male NPT to (1) 1/2in hose. Package of 5.	0.4	1/4	1.29 [32.7]	0.98 [24.9]	0.48 [12.3]
<b>BAHBL-12-38N</b>	\$56.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 3/8in male NPT to (1) 1/2in hose. Package of 5.	0.5	3/8	1.36 [34.6]	1.01 [25.5]	0.48 [12.3]
<b>BAHBL-12-12N</b>	\$48.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/2in male NPT to (1) 1/2in hose. Package of 5.	0.6	1/2	1.14 [28.8]	1.10 [28.0]	0.48 [12.3]
<b>BAHBL-58-38N</b>	\$38.50	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 3/8in male NPT to (1) 5/8in hose. Package of 3.	0.4	3/8	1.45 [37.0]	1.16 [29.5]	0.60 [15.3]
<b>BAHBL-58-12N</b>	\$44.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/2in male NPT to (1) 5/8in hose. Package of 3.	0.5	1/2	1.45 [37.0]	1.14 [29.1]	0.60 [15.3]
<b>BAHBL-34-12N</b>	\$56.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1/2in male NPT to (1) 3/4in hose. Package of 3.	0.6	1/2	1.35 [34.4]	1.25 [31.8]	0.73 [18.5]
<b>BAHBL-34-34N</b>	\$82.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 3/4in male NPT to (1) 3/4in hose. Package of 3.	0.7	3/4	1.54 [39.0]	1.31 [33.2]	0.73 [18.5]
<b>BAHBL-1-34N</b>	\$32.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 3/4in male NPT to (1) 1in hose. Package of 1.	0.4	3/4	1.70 [43.1]	1.42 [36.2]	0.99 [25.1]
<b>BAHBL-1-1N</b>	\$58.00	NITRA water, oil, air or gases threaded fitting, hose barb elbow, brass body, brass threads, (1) 1in male NPT to (1) 1in hose. Package of 1.	0.4	1	1.78 [45.2]	1.63 [41.5]	0.99 [25.1]

**BAHM-58**

<b>NITRA™ Brass Hose Mender Fitting</b>						
<i>Inch Sizes - dimensions in inches</i>						
Part No.	Price	Description	Weight	L	ØD1	ØD2
<b>BAHM-316</b>	\$7.75	NITRA water, oil, air or gases barbed fitting, hose mender, brass body, brass threads, (1) 3/16in hose to (1) 3/16in hose. Package of 5.	0.1	1.45 [36.7]	0.20 [5.1]	0.23 [5.8]
<b>BAHM-14</b>	\$10.00	NITRA water, oil, air or gases barbed fitting, hose mender, brass body, brass threads, (1) 1/4in hose to (1) 1/4in hose. Package of 5.	0.1	2.00 [50.8]	0.24 [6.1]	0.50 [12.7]
<b>BAHM-516</b>	\$13.00	NITRA water, oil, air or gases barbed fitting, hose mender, brass body, brass threads, (1) 5/16in (8mm) hose to (1) 5/16in (8mm) hose. Package of 5.	0.1	1.67 [42.4]	0.29 [7.4]	0.36 [9.1]
<b>BAHM-38</b>	\$14.00	NITRA water, oil, air or gases barbed fitting, hose mender, brass body, brass threads, (1) 3/8in hose to (1) 3/8in hose. Package of 5.	0.2	2.00 [50.8]	0.36 [9.2]	0.50 [12.7]
<b>BAHM-12</b>	\$19.00	NITRA water, oil, air or gases barbed fitting, hose mender, brass body, brass threads, (1) 1/2in hose to (1) 1/2in hose. Package of 5.	0.3	2.01 [51.1]	0.48 [12.3]	0.63 [15.9]
<b>BAHM-58</b>	\$13.50	NITRA water, oil, air or gases barbed fitting, hose mender, brass body, brass threads, (1) 5/8in hose to (1) 5/8in hose. Package of 3.	0.3	2.29 [58.0]	0.60 [15.3]	0.75 [19.1]
<b>BAHM-34</b>	\$17.00	NITRA water, oil, air or gases barbed fitting, hose mender, brass body, brass threads, (1) 3/4in hose to (1) 3/4in hose. Package of 3.	0.3	2.00 [50.8]	0.73 [18.5]	0.88 [22.2]
<b>BAHM-1</b>	\$31.50	NITRA water, oil, air or gases barbed fitting, hose mender, brass body, brass threads, (1) 1in hose to (1) 1in hose. Package of 3.	0.6	2.49 [63.2]	0.99 [25.1]	1.19 [30.2]



# Hose Clamps

**HC-58**

NITRA Adjustable Hose Clamps				
Part No.	Description	Pcs/Pkg	Weight (lbs)	Price
<a href="#"><u>HC-316</u></a>	NITRA hose clamp, 2-ear, 0.318-0.433in diameter, plated steel. For use with HBV series 3/16in hose.	10	0.1	\$5.75
<a href="#"><u>HC-516</u></a>	NITRA hose clamp, 2-ear, 0.492-0.591in diameter, plated steel. For use with HBV series 5/16in hose.	10	0.1	\$6.00
<a href="#"><u>HC-38</u></a>	NITRA hose clamp, 2-ear, 0.551-0.669in diameter, plated steel. For use with HBV series 3/8in hose.	10	0.1	\$6.25
<a href="#"><u>HC-12</u></a>	NITRA hose clamp, 2-ear, 0.638-0.787in diameter, plated steel. For use with HBV series 1/2in hose.	10	0.1	\$6.50
<a href="#"><u>HC-58</u></a>	NITRA hose clamp, 2-ear, 0.748-0.906in diameter, plated steel. For use with HBV series 5/8in hose.	10	0.2	\$7.75
<a href="#"><u>HC-34</u></a>	NITRA hose clamp, 2-ear, 0.945-1.102in diameter, plated steel. For use with HBV series 3/4in hose.	10	0.3	\$11.00
<a href="#"><u>HC-1</u></a>	NITRA hose clamp, 2-ear, 1.154-1.339in diameter, plated steel. For use with HBV series 1in hose.	10	0.3	Retired

**HCSS-58**

NITRA Interlocking Hose Clamps				
Part No.	Description	Pcs/Pkg	Weight (lbs)	Price
<a href="#"><u>HCSS-316</u></a>	NITRA hose clamp, interlocking ear, 0.346-0.413in diameter, 304 stainless steel. For use with HBV series 3/16in hose.	10	0.1	\$6.25
<a href="#"><u>HCSS-14</u></a>	NITRA hose clamp, interlocking ear, 0.398-0.465in diameter, 304 stainless steel. For use with HBV series 1/4in hose.	10	0.1	\$6.25
<a href="#"><u>HCSS-516</u></a>	NITRA hose clamp, interlocking ear, 0.472-0.571in diameter, 304 stainless steel. For use with HBV series 5/16in hose.	10	0.1	\$6.50
<a href="#"><u>HCSS-38</u></a>	NITRA hose clamp, interlocking ear, 0.520-0.618in diameter, 304 stainless steel. For use with HBV series 3/8in hose.	10	0.1	\$6.50
<a href="#"><u>HCSS-12</u></a>	NITRA hose clamp, interlocking ear, 0.654-0.780in diameter, 304 stainless steel. For use with HBV series 1/2in hose.	10	0.1	\$7.75
<a href="#"><u>HCSS-58</u></a>	NITRA hose clamp, interlocking ear, 0.823-0.949in diameter, 304 stainless steel. For use with HBV series 5/8in hose.	10	0.1	\$8.25
<a href="#"><u>HCSS-34</u></a>	NITRA hose clamp, interlocking ear, 0.941-1.067in diameter, 304 stainless steel. For use with HBV series 3/4in hose.	10	0.1	\$9.25
<a href="#"><u>HCSS-1</u></a>	NITRA hose clamp, interlocking ear, 1.236-1.362in diameter, 304 stainless steel. For use with HBV series 1in hose.	10	0.1	\$9.50



# Hose Crimping Tools

**NITRA** hose crimping tools are designed to work with 2-ear and interlocking ear hose clamps. They come in three styles.

- Straight jaw single action, straight jaw compound action and side jaw compound action styles available
- Made in USA



**HCT-ES**



**HCT-SC**

## Nitra Hose Crimping Tools

Part Number	Description	Pcs/Pkg	Package Weight (lbs)	Price
<b><u>HCT-ES</u></b>	NITRA hose clamp crimping tool, single action, straight jaw	1	0.8	\$44.00
<b><u>HCT-SC</u></b>	NITRA hose clamp crimping tool, compound action, straight jaw	1	0.9	\$78.00





# 1/8" NPT Aluminum Manifolds

**MRA-4BA****MRA-4BA-180**

## NITRA aluminum manifolds

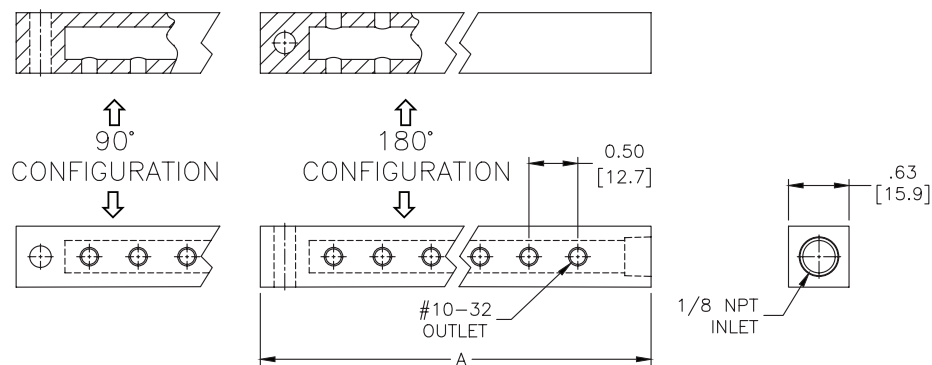
- Black anodized finish
- Maximum input pressure of 1000 psi
- Made in the USA



NITRA 1/8" NPT Aluminum Manifolds					
Part No.	Description	A	Parts Per Pkg	Weight (lbs)	Price
<b><u>MRA-4BA</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (1) 1/8 inch female NPT inlet port(s), 4 stations, (1) #10-32 female threaded outlet port(s) per station, standard hole spacing.	3.0 [76.2]	1	0.1	\$16.00
<b><u>MRA-4BA-180</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (1) 1/8 inch female NPT inlet port(s), 4 stations, (2) #10-32 female threaded outlet port(s) per station, 180-degree orientation, standard hole spacing.	3.0 [76.2]	1	0.1	\$19.50
<b><u>MRA-6BA</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (1) 1/8 inch female NPT inlet port(s), 6 stations, (1) #10-32 female threaded outlet port(s) per station, standard hole spacing.	4.0 [101.6]	1	0.1	\$17.00
<b><u>MRA-6BA-180</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (1) 1/8 inch female NPT inlet port(s), 6 stations, (2) #10-32 female threaded outlet port(s) per station, 180-degree orientation, standard hole spacing.	4.0 [101.6]	1	0.1	\$22.00
<b><u>MRA-8BA</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (1) 1/8 inch female NPT inlet port(s), 8 stations, (1) #10-32 female threaded outlet port(s) per station, standard hole spacing.	5.0 [127.0]	1	0.2	\$18.50
<b><u>MRA-8BA-180</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (1) 1/8 inch female NPT inlet port(s), 8 stations, (2) #10-32 female threaded outlet port(s) per station, 180-degree orientation, standard hole spacing.	5.0 [127.0]	1	0.2	\$22.50
<b><u>MRA-10BA</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (1) 1/8 inch female NPT inlet port(s), 10 stations, (1) #10-32 female threaded outlet port(s) per station, standard hole spacing.	6.0 [152.4]	1	0.2	\$24.50
<b><u>MRA-10BA-180</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (1) 1/8 inch female NPT inlet port(s), 10 stations, (2) #10-32 female threaded outlet port(s) per station, 180-degree orientation, standard hole spacing.	6.0 [152.4]	1	0.2	\$31.00

## Dimensions

inches [mm]



See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.





# 1/4" NPT Aluminum Manifolds

**MRA-2CB****MRA-2CB-90****MRA-2CB-W**

## NITRA aluminum manifolds

- Black anodized finish
- Maximum input pressure of 1000 psi
- Made in the USA

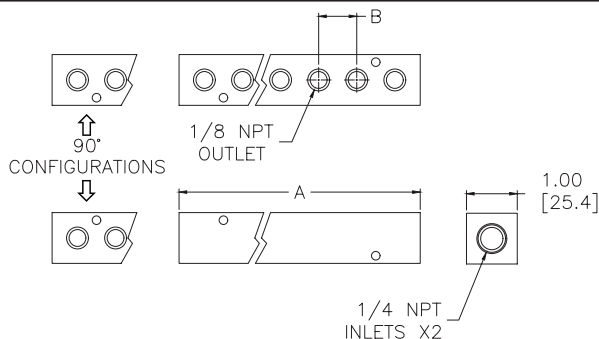


## NITRA 1/4" NPT Aluminum Manifolds

Part No.	Description	A	B	Parts Per Pkg	Weight (lbs)	Price
<b>MRA-2CB</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 2 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	1.75 [44.5]	0.75 [19.1]	1	0.2	\$19.00
<b>MRA-2CB-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 2 stations, (2) 1/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	1.75 [44.5]	0.75 [19.1]	1	0.1	\$30.00
<b>MRA-2CB-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 2 stations, (1) 1/8 inch female NPT outlet port(s) per station, wide hole spacing.	3.25 [82.6]	1.50 [38.1]	1	0.3	\$22.50
<b>MRA-3CB</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 3 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	2.50 [63.5]	0.75 [19.1]	1	0.2	\$20.50
<b>MRA-3CB-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 3 stations, (2) 1/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	2.50 [63.5]	0.75 [19.1]	1	0.2	\$32.00
<b>MRA-3CB-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 3 stations, (1) 1/8 inch female NPT outlet port(s) per station, wide hole spacing.	4.75 [120.7]	1.50 [38.1]	1	0.4	\$25.00
<b>MRA-4CB</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 4 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	3.25 [82.6]	0.75 [19.1]	1	0.3	\$23.00
<b>MRA-4CB-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 4 stations, (2) 1/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	3.25 [82.6]	0.75 [19.1]	1	0.3	\$34.50
<b>MRA-4CB-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 4 stations, (1) 1/8 inch female NPT outlet port(s) per station, wide hole spacing.	6.25 [158.8]	1.50 [38.1]	1	0.5	\$27.00
<b>MRA-5CB</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 5 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	4.00 [101.6]	0.75 [19.1]	1	0.3	\$25.00
<b>MRA-5CB-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 5 stations, (2) 1/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	4.00 [101.6]	0.75 [19.1]	1	0.3	\$37.00
<b>MRA-5CB-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 5 stations, (1) 1/8 inch female NPT outlet port(s) per station, wide hole spacing.	7.75 [196.9]	1.50 [38.1]	1	0.6	\$28.00
<b>MRA-6CB</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 6 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	4.75 [120.7]	0.75 [19.1]	1	0.4	\$27.00
<b>MRA-6CB-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 6 stations, (2) 1/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	4.75 [120.7]	0.75 [19.1]	1	0.4	\$40.00
<b>MRA-6CB-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 6 stations, (1) 1/8 inch female NPT outlet port(s) per station, wide hole spacing.	9.25 [235.0]	1.50 [38.1]	1	0.7	\$29.00
<b>MRA-7CB</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 7 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	5.50 [139.0]	0.75 [19.1]	1	0.5	\$28.00
<b>MRA-8CB</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 8 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	6.25 [158.8]	0.75 [19.1]	1	0.5	\$29.00
<b>MRA-8CB-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 8 stations, (2) 1/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	6.25 [158.8]	0.75 [19.1]	1	0.5	\$46.00
<b>MRA-8CB-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 8 stations, (1) 1/8 inch female NPT outlet port(s) per station, wide hole spacing.	12.25 [311.2]	1.50 [38.1]	1	1.0	\$32.50
<b>MRA-10CB</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/4 inch female NPT inlet port(s), 10 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	7.75 [196.9]	0.75 [19.1]	1	0.6	\$29.50

## Dimensions

inches [mm]



See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.





# 3/8" NPT Aluminum Manifolds

**MRA-2DC****MRA-2DC-90****MRA-2DC-W**

## NITRA aluminum manifolds

- Black anodized finish
- Maximum input pressure of 1000 psi
- Made in the USA

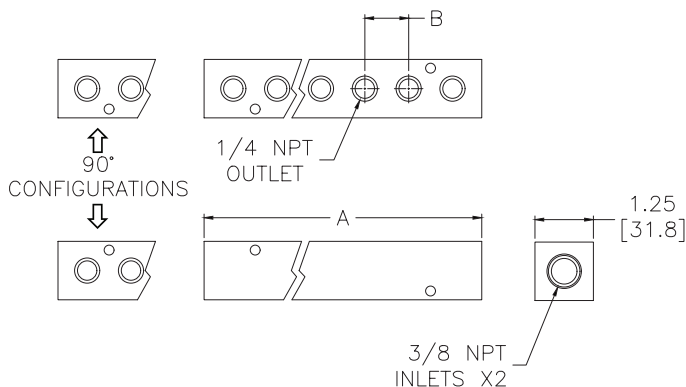


## NITRA 3/8" NPT Aluminum Manifolds

Part No.	Description	A	B	Parts Per Pkg	Weight (lbs)	Price
<b>MRA-2DC</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 2 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	2.13 [54.1]	0.88 [22.4]	1	0.2	\$19.00
<b>MRA-2DC-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 2 stations, (2) 1/4 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	2.13 [54.1]	0.88 [22.4]	1	0.3	\$30.00
<b>MRA-2DC-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 2 stations, (1) 1/4 inch female NPT outlet port(s) per station, wide hole spacing.	3.25 [82.1]	1.50 [38.1]	1	0.4	\$23.00
<b>MRA-3DC</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 3 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	3.00 [76.2]	0.88 [22.4]	1	0.3	\$20.50
<b>MRA-3DC-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 3 stations, (2) 1/4 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	3.00 [76.2]	0.88 [22.4]	1	0.3	\$32.00
<b>MRA-3DC-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 3 stations, (1) 1/4 inch female NPT outlet port(s) per station, wide hole spacing.	4.75 [120.7]	1.50 [38.1]	1	0.6	\$25.00
<b>MRA-4DC</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 4 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	3.88 [98.6]	0.88 [22.4]	1	0.5	\$23.00
<b>MRA-4DC-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 4 stations, (2) 1/4 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	3.88 [98.6]	0.88 [22.4]	1	0.4	\$34.50
<b>MRA-4DC-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 4 stations, (1) 1/4 inch female NPT outlet port(s) per station, wide hole spacing.	6.25 [158.8]	1.50 [38.1]	1	0.8	\$27.50
<b>MRA-5DC</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 5 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	4.75 [120.7]	0.88 [22.4]	1	0.6	\$25.00
<b>MRA-5DC-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 5 stations, (2) 1/4 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	4.75 [120.7]	0.88 [22.4]	1	0.6	\$37.00
<b>MRA-5DC-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 5 stations, (1) 1/4 inch female NPT outlet port(s) per station, wide hole spacing.	7.75 [196.9]	1.50 [38.1]	1	1.0	\$29.00
<b>MRA-6DC</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 6 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	5.63 [143.0]	0.88 [22.4]	1	0.7	\$27.00
<b>MRA-6DC-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 6 stations, (2) 1/4 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	5.63 [143.0]	0.88 [22.4]	1	0.7	\$40.00
<b>MRA-6DC-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 6 stations, (1) 1/4 inch female NPT outlet port(s) per station, wide hole spacing.	9.25 [235.0]	1.50 [38.1]	1	1.1	\$31.00
<b>MRA-7DC</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 7 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	6.50 [165.1]	0.88 [22.4]	1	0.8	\$28.00
<b>MRA-8DC</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 8 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	7.38 [187.5]	0.88 [22.4]	1	0.9	\$29.00
<b>MRA-8DC-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 8 stations, (2) 1/4 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	7.38 [187.5]	0.88 [22.4]	1	0.9	\$46.00
<b>MRA-8DC-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 8 stations, (1) 1/4 inch female NPT outlet port(s) per station, wide hole spacing.	12.25 [311.2]	1.50 [38.1]	1	1.5	\$35.00
<b>MRA-10DC</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 10 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	9.13 [231.9]	0.88 [22.4]	1	1.1	\$31.00
<b>MRA-10DC-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 10 stations, (2) 1/4 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	9.13 [231.9]	0.88 [22.4]	1	0.9	\$50.00
<b>MRA-10DC-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/8 inch female NPT inlet port(s), 10 stations, (1) 1/4 inch female NPT outlet port(s) per station, wide hole spacing.	15.25 [387.4]	1.50 [38.1]	1	1.9	\$39.00

## Dimensions

inches [mm]



See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# 1/2" NPT Aluminum Manifolds

**MRA-2ED****MRA-2ED-90****MRA-2ED-W**

## NITRA aluminum manifolds

- Black anodized finish
- Maximum input pressure of 1000 psi
- Made in the USA

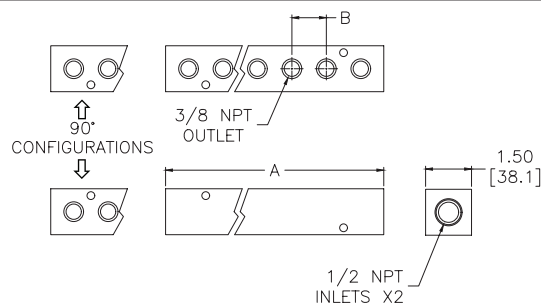


## NITRA 1/2" NPT Aluminum Manifolds

Part No.	Description	A	B	Parts Per Pkg	Weight (lbs)	Price
<b>MRA-2ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 2 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	2.75 [69.9]	1.00 [25.4]	1	0.4	\$33.00
<b>MRA-2ED-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 2 stations, (2) 3/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	2.75 [69.9]	1.00 [25.4]	1	0.4	\$44.00
<b>MRA-2ED-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 2 stations, (1) 3/8 inch female NPT outlet port(s) per station, wide hole spacing.	3.25 [82.6]	1.50 [38.1]	1	0.6	\$34.00
<b>MRA-3ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 3 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	3.75 [95.3]	1.00 [25.4]	1	0.6	\$35.00
<b>MRA-3ED-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 3 stations, (2) 3/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	3.75 [95.3]	1.00 [25.4]	1	0.6	\$45.00
<b>MRA-3ED-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 3 stations, (1) 3/8 inch female NPT outlet port(s) per station, wide hole spacing.	4.75 [120.7]	1.50 [38.1]	1	0.8	\$36.50
<b>MRA-4ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 4 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	4.75 [120.7]	1.00 [25.4]	1	0.8	\$37.00
<b>MRA-4ED-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 4 stations, (2) 3/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	4.75 [120.7]	1.00 [25.4]	1	0.7	\$46.00
<b>MRA-4ED-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 4 stations, (1) 3/8 inch female NPT outlet port(s) per station, wide hole spacing.	6.25 [158.8]	1.50 [38.1]	1	1.1	\$39.50
<b>MRA-5ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 5 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	5.75 [146.1]	1.00 [25.4]	1	1.0	\$38.50
<b>MRA-5ED-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 5 stations, (2) 3/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	5.75 [146.1]	1.00 [25.4]	1	0.9	\$47.00
<b>MRA-5ED-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 5 stations, (1) 3/8 inch female NPT outlet port(s) per station, wide hole spacing.	7.75 [196.9]	1.50 [38.1]	1	1.3	\$41.50
<b>MRA-6ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 6 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	6.75 [171.5]	1.00 [25.4]	1	1.1	\$40.50
<b>MRA-6ED-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 6 stations, (2) 3/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	6.75 [171.5]	1.00 [25.4]	1	1.1	\$47.50
<b>MRA-6ED-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 6 stations, (1) 3/8 inch female NPT outlet port(s) per station, wide hole spacing.	9.25 [235.0]	1.50 [38.1]	1	1.6	\$44.00
<b>MRA-7ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 7 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	7.75 [196.9]	1.00 [25.4]	1	1.3	\$47.50
<b>MRA-8ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 8 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	8.75 [222.3]	1.00 [25.4]	1	1.5	\$55.00
<b>MRA-8ED-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 8 stations, (2) 3/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	8.75 [222.3]	1.00 [25.4]	1	1.4	\$72.00
<b>MRA-8ED-W</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 8 stations, (1) 3/8 inch female NPT outlet port(s) per station, wide hole spacing.	12.25 [311.2]	1.50 [38.1]	1	2.1	\$60.00
<b>MRA-9ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 9 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	9.75 [247.7]	1.00 [25.4]	1	1.6	\$51.00
<b>MRA-10ED</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 10 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	10.75 [273.1]	1.00 [25.4]	1	1.8	\$57.00
<b>MRA-10ED-90</b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1/2 inch female NPT inlet port(s), 10 stations, (2) 3/8 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	10.75 [273.1]	1.00 [25.4]	1	1.7	\$76.00

## Dimensions

inches [mm]



See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# 3/4" NPT Aluminum Manifolds

**MRA-2FD****NITRA** aluminum manifolds

- Black anodized finish
- Maximum input pressure of 1000 psi
- Made in the USA

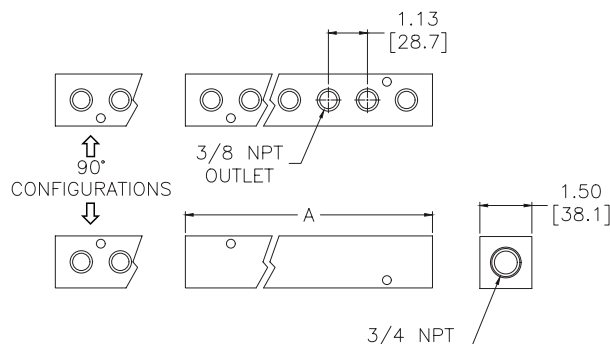


## NITRA 3/4" NPT Aluminum Manifolds

Part No.	Description	A	Parts Per Pkg	Weight (lbs)	Price
<b><u>MRA-2FD</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/4 inch female NPT inlet port(s), 2 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	4.63 [117.6]	1	0.8	\$44.00
<b><u>MRA-3FD</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/4 inch female NPT inlet port(s), 3 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	5.75 [146.1]	1	0.9	\$46.50
<b><u>MRA-4FD</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/4 inch female NPT inlet port(s), 4 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	6.88 [174.8]	1	1.1	\$48.50
<b><u>MRA-5FD</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/4 inch female NPT inlet port(s), 5 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	8.00 [203.2]	1	1.3	\$51.00
<b><u>MRA-6FD</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/4 inch female NPT inlet port(s), 6 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	9.13 [231.9]	1	1.5	\$54.00
<b><u>MRA-8FD</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/4 inch female NPT inlet port(s), 8 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	11.38 [289.1]	1	1.9	\$73.00
<b><u>MRA-10FD</u></b>	NITRA pneumatic manifold, aluminum, rectangular, (2) 3/4 inch female NPT inlet port(s), 10 stations, (1) 3/8 inch female NPT outlet port(s) per station, standard hole spacing.	13.63 [346.2]	1	2.2	\$76.00

## Dimensions

inches [mm]

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# 1" NPT Aluminum Manifolds

**MRA-2GE****MRA-2GE-90**

## NITRA aluminum manifolds

- Plain finish
- Maximum input pressure of 1000 psi
- Made in the USA

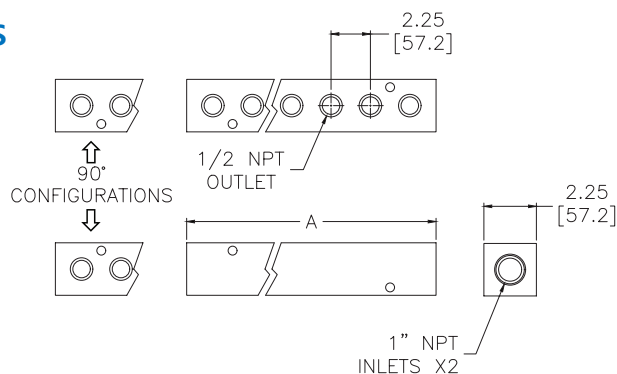


## NITRA 1" NPT Aluminum Manifolds

Part No.	Description	A	Parts Per Pkg	Weight (lbs)	Price
<a href="#"><u>MRA-2GE</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 2 stations, (1) 1/2 inch female NPT outlet port(s) per station, standard hole spacing.	5.25 [133.4]	1	2.0	\$73.00
<a href="#"><u>MRA-2GE-90</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 2 stations, (2) 1/2 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	5.25 [133.4]	1	1.9	\$82.00
<a href="#"><u>MRA-3GE</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 3 stations, (1) 1/2 inch female NPT outlet port(s) per station, standard hole spacing.	7.50 [190.5]	1	2.8	\$84.00
<a href="#"><u>MRA-3GE-90</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 3 stations, (2) 1/2 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	7.50 [190.5]	1	2.7	\$94.00
<a href="#"><u>MRA-4GE</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 4 stations, (1) 1/2 inch female NPT outlet port(s) per station, standard hole spacing.	9.75 [247.7]	1	3.7	\$95.00
<a href="#"><u>MRA-4GE-90</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 4 stations, (2) 1/2 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	9.75 [247.7]	1	3.6	\$107.00
<a href="#"><u>MRA-5GE</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 5 stations, (1) 1/2 inch female NPT outlet port(s) per station, standard hole spacing.	12.00 [304.8]	1	4.6	\$102.00
<a href="#"><u>MRA-5GE-90</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 5 stations, (2) 1/2 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	12.00 [304.8]	1	4.4	\$113.00
<a href="#"><u>MRA-6GE</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 6 stations, (1) 1/2 inch female NPT outlet port(s) per station, standard hole spacing.	14.25 [362.0]	1	5.4	\$108.00
<a href="#"><u>MRA-6GE-90</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 6 stations, (2) 1/2 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	14.25 [362.0]	1	5.3	\$126.00
<a href="#"><u>MRA-7GE</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 7 stations, (1) 1/2 inch female NPT outlet port(s) per station, standard hole spacing.	16.50 [419.1]	1	6.3	\$127.00
<a href="#"><u>MRA-7GE-90</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 7 stations, (2) 1/2 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	16.50 [419.0]	1	6.1	\$139.00
<a href="#"><u>MRA-8GE</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 8 stations, (1) 1/2 inch female NPT outlet port(s) per station, standard hole spacing.	18.75 [476.3]	1	7.2	\$145.00
<a href="#"><u>MRA-8GE-90</u></a>	NITRA pneumatic manifold, aluminum, rectangular, (2) 1 inch female NPT inlet port(s), 8 stations, (2) 1/2 inch female NPT outlet port(s) per station, 90-degree orientation, standard hole spacing.	18.75 [476.3]	1	6.9	\$161.00

## Dimensions

inches [mm]



See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# 1/4" NPT Stainless Steel Manifolds

**MRS-2CB****NITRA** stainless steel manifolds

- 303 Stainless Steel
- Maximum input pressure of 3500 psi
- Made in the USA

**STAINLESS  
STEEL**

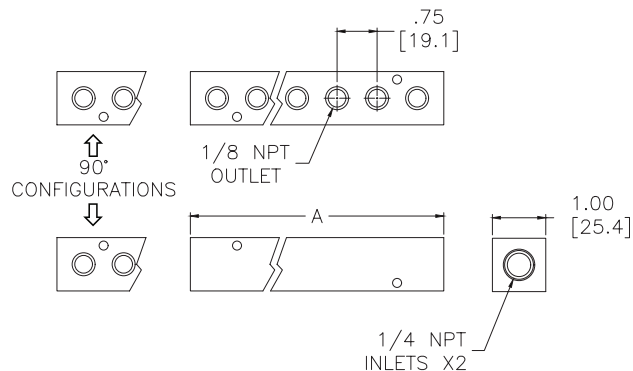


## NITRA 1/4" NPT Stainless Steel Manifolds

Part No.	Description	A	Parts Per Pkg	Weight (lbs)	Price
<b><u>MRS-2CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 2 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	1.75 [44.5]	1	0.4	\$89.00
<b><u>MRS-3CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 3 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	2.50 [63.0]	1	0.5	\$97.00
<b><u>MRS-4CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 4 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	3.25 [82.6]	1	0.7	\$106.00
<b><u>MRS-5CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 5 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	4.00 [101.6]	1	0.9	\$112.00
<b><u>MRS-6CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 6 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	4.75 [120.7]	1	1.1	\$116.00
<b><u>MRS-7CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 7 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	5.50 [139.7]	1	1.2	\$125.00
<b><u>MRS-8CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 8 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	6.25 [158.8]	1	1.4	\$131.00
<b><u>MRS-9CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 9 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	7.00 [177.8]	1	1.6	\$141.00
<b><u>MRS-10CB</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 1/4 inch female NPT inlet port(s), 10 stations, (1) 1/8 inch female NPT outlet port(s) per station, standard hole spacing.	7.75 [196.9]	1	1.7	\$152.00

## Dimensions

inches [mm]



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# 3/8" NPT Stainless Steel Manifolds

**MRS-2DC**

## NITRA stainless steel manifolds

- 303 Stainless Steel
- Maximum input pressure of 3500 psi
- Made in the USA

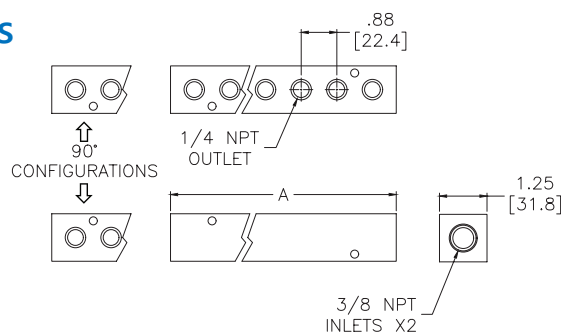


## NITRA 3/8" NPT Stainless Steel Manifolds

Part No.	Description	A	Parts Per Pkg	Weight (lbs)	Price
<b><u>MRS-2DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 2 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	2.13 [54.1]	1	0.7	\$106.00
<b><u>MRS-3DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 3 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	3.00 [76.2]	1	1.0	\$115.00
<b><u>MRS-4DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 4 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	3.88 [98.6]	1	1.3	\$126.00
<b><u>MRS-5DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 5 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	4.75 [120.7]	1	1.6	\$138.00
<b><u>MRS-6DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 6 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	5.63 [143.0]	1	1.9	\$152.00
<b><u>MRS-7DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 7 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	6.50 [165.1]	1	2.2	\$164.00
<b><u>MRS-8DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 8 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	7.38 [187.5]	1	2.5	\$178.00
<b><u>MRS-9DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 9 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	8.25 [209.6]	1	2.8	\$193.00
<b><u>MRS-10DC</u></b>	NITRA pneumatic manifold, stainless steel, rectangular, (2) 3/8 inch female NPT inlet port(s), 10 stations, (1) 1/4 inch female NPT outlet port(s) per station, standard hole spacing.	9.13 [231.9]	1	3.1	\$207.00

## Dimensions

inches [mm]



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# Nylon Manifolds



## NITRA nylon manifolds

- 2 to 10 stations
- Variety of port sizes
- Nylon 6
- Maximum input pressure 200psi
- Made in the USA

Part No. **MRN-2CB**Part No. **MRN-2DC**

NITRA Nylon Manifolds					
Part No.	Description	A	Parts Per Pkg	Weight (lbs)	Price
<b><u>MRN-2CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 2 stations, (2) 1/4in female NPT inlet(s), (2) 1/8in female NPT outlet(s), standard hole spacing.	1.75 [44.5]	1	0.07	\$48.00
<b><u>MRN-3CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 3 stations, (2) 1/4in female NPT inlet(s), (3) 1/8in female NPT outlet(s), standard hole spacing.	2.50 [63.5]	1	0.11	\$54.00
<b><u>MRN-4CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 4 stations, (2) 1/4in female NPT inlet(s), (4) 1/8in female NPT outlet(s), standard hole spacing.	3.25 [82.6]	1	0.13	\$59.00
<b><u>MRN-5CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 5 stations, (2) 1/4in female NPT inlet(s), (5) 1/8in female NPT outlet(s), standard hole spacing.	4.00 [101.6]	1	0.16	\$62.00
<b><u>MRN-6CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 6 stations, (2) 1/4in female NPT inlet(s), (6) 1/8in female NPT outlet(s), standard hole spacing.	4.75 [120.7]	1	0.19	\$65.00
<b><u>MRN-7CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 7 stations, (2) 1/4in female NPT inlet(s), (7) 1/8in female NPT outlet(s), standard hole spacing.	5.50 [139.7]	1	0.24	\$70.00
<b><u>MRN-8CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 8 stations, (2) 1/4in female NPT inlet(s), (8) 1/8in female NPT outlet(s), standard hole spacing.	6.25 [158.8]	1	0.25	\$74.00
<b><u>MRN-9CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 9 stations, (2) 1/4in female NPT inlet(s), (9) 1/8in female NPT outlet(s), standard hole spacing.	7.00 [177.8]	1	0.30	\$78.00
<b><u>MRN-10CB</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 10 stations, (2) 1/4in female NPT inlet(s), (10) 1/8in female NPT outlet(s), standard hole spacing.	7.75 [196.9]	1	0.32	\$80.00
<b><u>MRN-2DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 2 stations, (2) 3/8in female NPT inlet(s), (2) 1/4in female NPT outlet(s), standard hole spacing.	2.13 [54.0]	1	0.13	\$54.00
<b><u>MRN-3DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 3 stations, (2) 3/8in female NPT inlet(s), (3) 1/4in female NPT outlet(s), standard hole spacing.	3.00 [76.2]	1	0.18	\$59.00
<b><u>MRN-4DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 4 stations, (2) 3/8in female NPT inlet(s), (4) 1/4in female NPT outlet(s), standard hole spacing.	3.88 [98.4]	1	0.23	\$64.00
<b><u>MRN-5DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 5 stations, (2) 3/8in female NPT inlet(s), (5) 1/4in female NPT outlet(s), standard hole spacing.	4.75 [120.7]	1	0.30	\$70.00
<b><u>MRN-6DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 6 stations, (2) 3/8in female NPT inlet(s), (6) 1/4in female NPT outlet(s), standard hole spacing.	5.63 [142.9]	1	0.34	\$76.00
<b><u>MRN-7DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 7 stations, (2) 3/8in female NPT inlet(s), (7) 1/4in female NPT outlet(s), standard hole spacing.	6.50 [165.1]	1	0.41	\$78.00
<b><u>MRN-8DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 8 stations, (2) 3/8in female NPT inlet(s), (9) 1/4in female NPT outlet(s), standard hole spacing.	7.38 [187.3]	1	0.45	\$80.00
<b><u>MRN-9DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 9 stations, (2) 3/8in female NPT inlet(s), (9) 1/4in female NPT outlet(s), standard hole spacing.	8.25 [209.6]	1	0.54	\$83.00
<b><u>MRN-10DC</u></b>	NITRA air or water pneumatic manifold, nylon 6, rectangular, 200 psi maximum operating pressure, 10 stations, (2) 3/8in female NPT inlet(s), (10) 1/4in female NPT outlet(s), standard hole spacing.	9.13 [231.8]	1	0.59	\$87.00

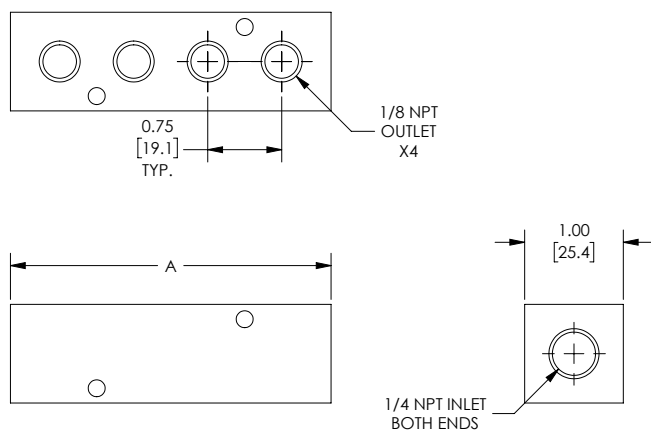




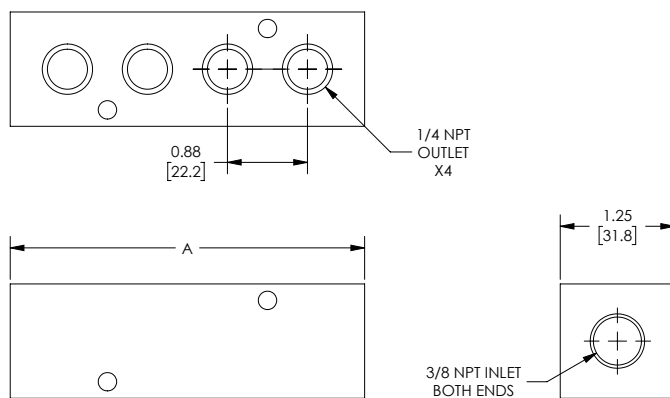
# Nylon Manifolds

## Dimensions

inches [mm]



**Part No. MRN-xCB**



**Part No. MRN-xDC**

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# Polypropylene Manifolds



## NITRA polypropylene manifolds

- 2 to 10 stations
- Variety of port sizes
- Polypropylene (PP)
- Maximum input pressure 150psi
- Made in the USA

Part No. [MRP-2CB](#)Part No. [MRP-2DC](#)

## NITRA Polypropylene Manifolds

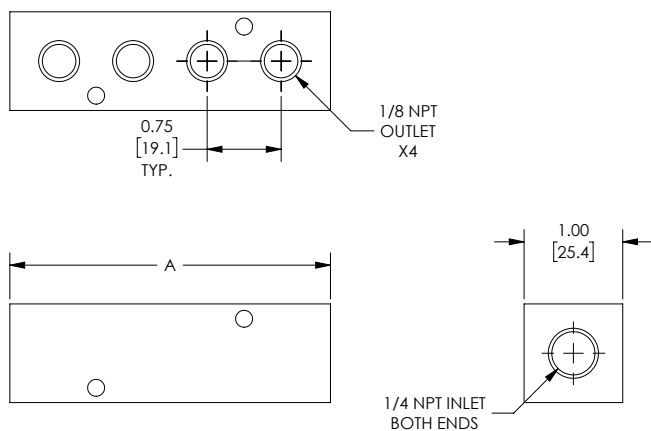
Part No.	Description	A	Parts Per Pkg	Weight (lbs)	Price
<a href="#"><u>MRP-2CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 2 stations, (2) 1/4in female NPT inlet(s), (2) 1/8in female NPT outlet(s), standard hole spacing.	1.75 [44.5]	1	0.07	\$44.50
<a href="#"><u>MRP-3CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 3 stations, (2) 1/4in female NPT inlet(s), (3) 1/8in female NPT outlet(s), standard hole spacing.	2.50 [63.5]	1	0.11	\$49.50
<a href="#"><u>MRP-4CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 4 stations, (2) 1/4in female NPT inlet(s), (4) 1/8in female NPT outlet(s), standard hole spacing.	3.25 [82.6]	1	0.13	\$55.00
<a href="#"><u>MRP-5CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 5 stations, (2) 1/4in female NPT inlet(s), (5) 1/8in female NPT outlet(s), standard hole spacing.	4.00 [101.6]	1	0.16	\$56.00
<a href="#"><u>MRP-6CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 6 stations, (2) 1/4in female NPT inlet(s), (6) 1/8in female NPT outlet(s), standard hole spacing.	4.75 [120.7]	1	0.19	\$59.00
<a href="#"><u>MRP-7CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 7 stations, (2) 1/4in female NPT inlet(s), (7) 1/8in female NPT outlet(s), standard hole spacing.	5.50 [139.7]	1	0.24	\$62.00
<a href="#"><u>MRP-8CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 8 stations, (2) 1/4in female NPT inlet(s), (8) 1/8in female NPT outlet(s), standard hole spacing.	6.25 [158.8]	1	0.25	\$69.00
<a href="#"><u>MRP-9CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 9 stations, (2) 1/4in female NPT inlet(s), (9) 1/8in female NPT outlet(s), standard hole spacing.	7.00 [177.8]	1	0.30	\$71.00
<a href="#"><u>MRP-10CB</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 10 stations, (2) 1/4in female NPT inlet(s), (10) 1/8in female NPT outlet(s), standard hole spacing.	7.75 [196.9]	1	0.32	\$73.00
<a href="#"><u>MRP-2DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 2 stations, (2) 3/8in female NPT inlet(s), (2) 1/4in female NPT outlet(s), standard hole spacing.	2.13 [54.0]	1	0.13	\$49.50
<a href="#"><u>MRP-3DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 3 stations, (2) 3/8in female NPT inlet(s), (3) 1/4in female NPT outlet(s), standard hole spacing.	3.00 [76.2]	1	0.18	\$53.00
<a href="#"><u>MRP-4DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 4 stations, (2) 3/8in female NPT inlet(s), (4) 1/4in female NPT outlet(s), standard hole spacing.	3.88 [98.4]	1	0.23	\$58.00
<a href="#"><u>MRP-5DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 5 stations, (2) 3/8in female NPT inlet(s), (5) 1/4in female NPT outlet(s), standard hole spacing.	4.75 [120.7]	1	0.30	\$61.00
<a href="#"><u>MRP-6DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 6 stations, (2) 3/8in female NPT inlet(s), (6) 1/4in female NPT outlet(s), standard hole spacing.	5.63 [142.9]	1	0.34	\$65.00
<a href="#"><u>MRP-7DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 7 stations, (2) 3/8in female NPT inlet(s), (7) 1/4in female NPT outlet(s), standard hole spacing.	6.50 [165.1]	1	0.41	\$69.00
<a href="#"><u>MRP-8DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 8 stations, (2) 3/8in female NPT inlet(s), (9) 1/4in female NPT outlet(s), standard hole spacing.	7.38 [187.3]	1	0.45	\$73.00
<a href="#"><u>MRP-9DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 9 stations, (2) 3/8in female NPT inlet(s), (9) 1/4in female NPT outlet(s), standard hole spacing.	8.25 [209.6]	1	0.54	\$76.00
<a href="#"><u>MRP-10DC</u></a>	NITRA air or water pneumatic manifold, polypropylene (PP), rectangular, 150 psi maximum operating pressure, 10 stations, (2) 3/8in female NPT inlet(s), (10) 1/4in female NPT outlet(s), standard hole spacing.	9.13 [231.8]	1	0.59	\$79.00



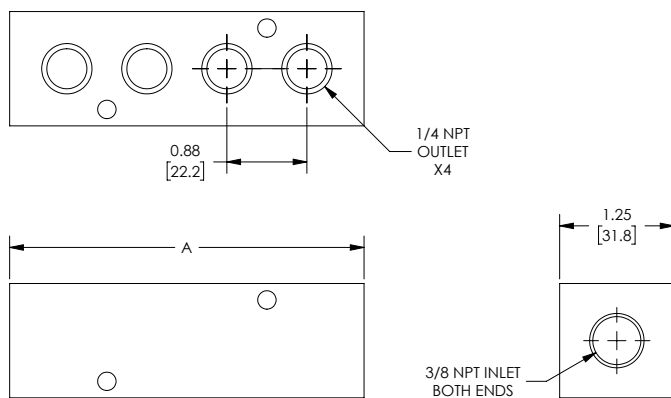
# Polypropylene Manifolds

## Dimensions

inches [mm]



Part No. MRP-xCB



Part No. MRP-xDC

See our website [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete Engineering drawings.



# Brass Pneumatic Air Jets



Part No. AJS-35

NITRA brass pneumatic air jets are useful for numerous applications including cooling, chip removal, moving small parts, etc.

## Features

- 36 possible Air Jet combinations
- Several component options
- Variety of nozzels for multiple application use
- Made in USA



Nitra Brass Pneumatic Air Jet Set			
Part No.	Description	Price	Weight (lbs)
<u>AJS-35</u>	NITRA pneumatic 35 piece air jet set, brass. Includes (3) AJB-10, (3) AJB-15, (3) AJB-20, (2) AJN16-1, (2) AJN16-2, (2) AJN16-1-45, (2) AJN16-1-90, (2) AJN16-1-CD, (2) AJN16-3, (9) AJ-NUT, (3) AJH, (2) AJNV-M10N, (1) durable plastic divider container	\$308.00	1.55

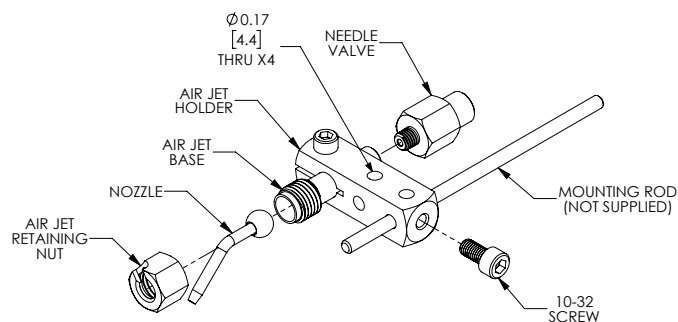
Nitra Brass Pneumatic Air Jet Set Individual Pieces				
Items	Part No.	Description	Price	Weight (lbs)
	<u>AJB-10</u>	NITRA pneumatic air jet base, 1in length, brass, #10-32 female threaded.	\$8.50	0.05
	<u>AJB-15</u>	NITRA pneumatic air jet base, 1.5in length, brass, #10-32 female threaded.	\$8.50	0.05
	<u>AJB-20</u>	NITRA pneumatic air jet base, 2in length, brass, #10-32 female threaded.	\$8.50	0.05
	<u>AJTB-18N</u>	NITRA pneumatic air jet base, 1in length, brass, 1/8in male NPT.	\$9.25	0.03
	<u>AJPB-14</u>	NITRA pneumatic air jet base, 1.1in length, brass, 1/4in push-to-connect.	\$10.50	0.02
	<u>AJN16-1</u>	NITRA pneumatic air jet nozzle, 1in length, straight, brass.	\$10.50	0.02
	<u>AJN16-2</u>	NITRA pneumatic air jet nozzle, 2in length, straight, brass.	\$10.50	0.02



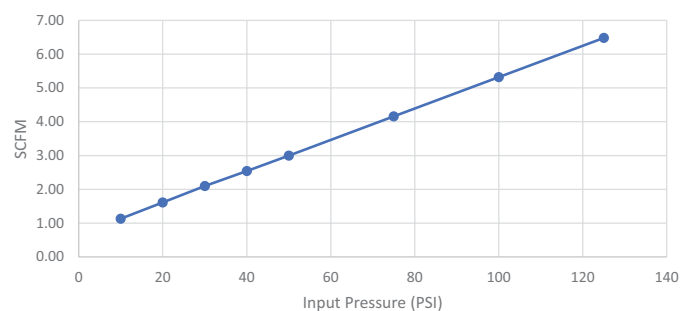
# Brass Pneumatic Air Jets

Nitra Brass Pneumatic Air Jet Set Individual Pieces Continued				
Items	Part No.	Description	Price	Weight (lbs)
	<a href="#"><u>AJN16-1-45</u></a>	NITRA pneumatic air jet nozzle, 1in length, 45 degree, brass.	\$10.50	0.02
	<a href="#"><u>AJN16-1-90</u></a>	NITRA pneumatic air jet nozzle, 1in length, 90 degree, brass.	\$10.50	0.02
	<a href="#"><u>AJN16-1-CD</u></a>	NITRA pneumatic air jet nozzle, 1in length, compound angle, brass.	\$11.00	0.02
	<a href="#"><u>AJN16-3</u></a>	NITRA pneumatic air jet nozzle, 3in length, straight, brass.	\$10.50	0.02
	<a href="#"><u>AJ-NUT</u></a>	NITRA pneumatic air jet nut, brass.	\$4.00	0.15
	<a href="#"><u>AJH-1</u></a>	NITRA pneumatic air jet holder, anodized aluminum.	\$12.50	0.05
	<a href="#"><u>AJNV-M10N</u></a>	NITRA pneumatic air jet needle valve, brass, #10-32 female threaded.	\$10.50	0.05

## Air Jet Assembly Example



Flow at Pressure (T=70F @ 14.7 psia Atmospheric Pressure)





# Pneumatic Manifolds

**NITRA** aluminum manifolds are available in two variations. Round manifolds have one 1/4" NPT input and either two or three 1/4" NPT outputs. Rectangular manifolds have 1/2" NPT inputs on either end and either three or five 1/4" NPT outputs.

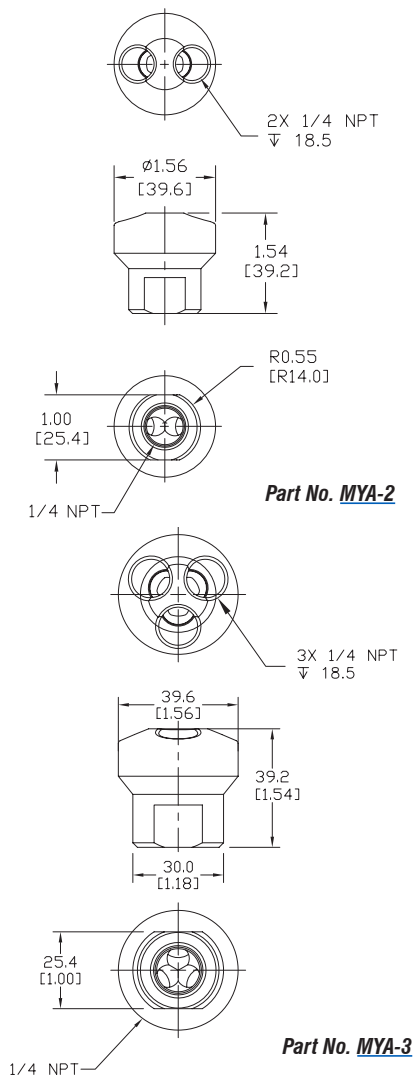
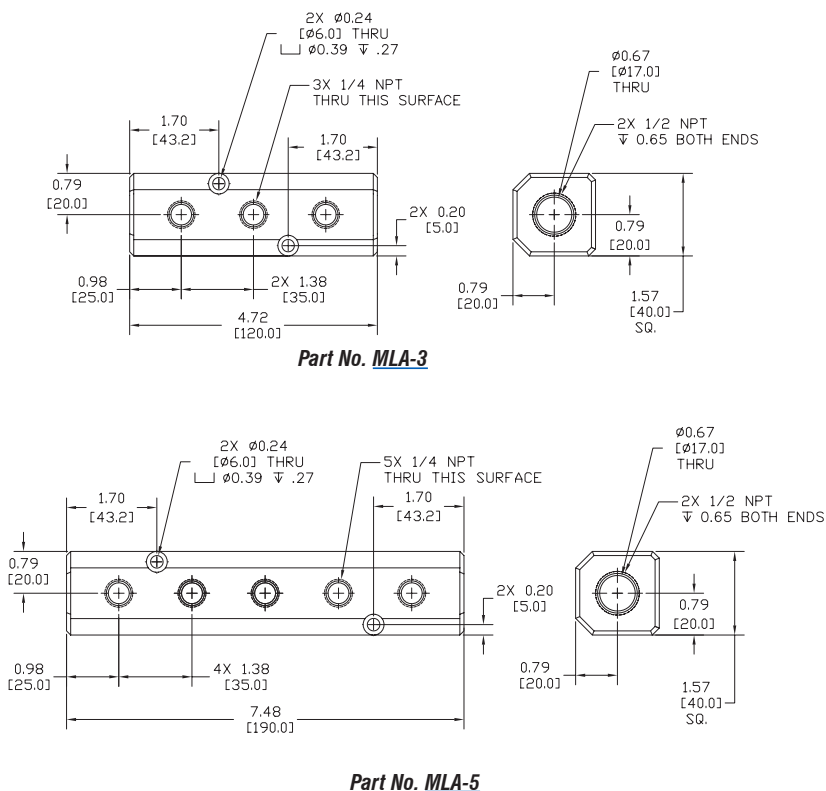
- Maximum input pressure of 500 psi

**MYA-3****MLA-5**

NITRA Pneumatic Manifolds				
Part No.	Price	Description	Parts Per Pkg	Weight
<b>MYA-2</b>	\$9.00	Pneumatic aluminum manifold, round, 1/4 inch female NPT inlet, two 1/4 inch female NPT outlets	1	0.2
<b>MYA-3</b>	\$9.50	Pneumatic aluminum manifold, round, 1/4 inch female NPT inlet, three 1/4 inch female NPT outlets	1	0.2
<b>MLA-3</b>	\$27.00	Pneumatic aluminum manifold, rectangular, 1/2 inch female NPT inlet, three 1/4 inch female NPT outlets	1	0.9
<b>MLA-5</b>	\$41.50	Pneumatic aluminum manifold, rectangular, 1/2 inch female NPT inlet, five 1/4 inch female NPT outlets	1	1.4

## Dimensions

inches [mm]





# Inline™ Manifolds

CITO Inline manifolds are great general purpose manifolds made from anodized aluminum. They work with air, water and many other fluids. These great looking manifolds are available in either red or blue finish.



Part No. [IM3-4-BD-8-1-8-N-R](#)



Part No. [IM3-8-BD-16-1-4-N-R](#)



Part No. [IM4-9-BD-12-1-4-N-B](#)



Part No. [IM6-10-BD-8-1-2-N-B](#)

## Features

- 4, 6, or 8-stations
- Blue or red anodized aluminum
- Each station has 2 ports, one each on the 45° and 135° faces
- Each manifold includes one threaded end cap with O-ring
- Pressure rating: 3000psi @ 300°F [148.9°C]
- Works with air, inert gases, water, coolant, or oils
- Includes stainless steel mounting hardware
- Made in USA



See [www.AutomationDirect.com](http://www.AutomationDirect.com) for a wide variety of fitting options

## Inline Manifold Selection

Part Number	Inlet Size	Outlet Size	Number of Stations	Body Color	Drawing Link	Weight (lb)	Price
<a href="#"><u>IM3-4-BD-8-1-8-N-B</u></a>	3/4" NPT	1/8" NPT	4	Blue	<a href="#"><u>PDF</u></a>	1.19	\$84.00
<a href="#"><u>IM3-4-BD-8-1-8-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	1.19	\$84.00
<a href="#"><u>IM3-6-BD-12-1-8-N-B</u></a>			6	Blue	<a href="#"><u>PDF</u></a>	1.58	\$108.00
<a href="#"><u>IM3-6-BD-12-1-8-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	1.58	\$108.00
<a href="#"><u>IM3-8-BD-16-1-8-N-B</u></a>			8	Blue	<a href="#"><u>PDF</u></a>	1.97	\$132.00
<a href="#"><u>IM3-8-BD-16-1-8-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	1.97	\$132.00
<a href="#"><u>IM3-4-BD-8-1-4-N-B</u></a>		1/4" NPT	4	Blue	<a href="#"><u>PDF</u></a>	1.17	\$84.00
<a href="#"><u>IM3-4-BD-8-1-4-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	1.16	\$84.00
<a href="#"><u>IM3-6-BD-12-1-4-N-B</u></a>			6	Blue	<a href="#"><u>PDF</u></a>	1.55	\$108.00
<a href="#"><u>IM3-6-BD-12-1-4-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	1.54	\$108.00
<a href="#"><u>IM3-8-BD-16-1-4-N-B</u></a>			8	Blue	<a href="#"><u>PDF</u></a>	1.92	\$132.00
<a href="#"><u>IM3-8-BD-16-1-4-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	1.91	\$132.00





# Inline™ Manifolds

Inline Manifold Selection Continued							
Part Number	Inlet Size	Outlet Size	Number of Stations	Body Color	Drawing Link	Weight (lb)	Price
<a href="#"><u>IM4-6-BD-8-1-4-N-B</u></a>	1" NPT	1/4" NPT	4	Blue	<a href="#"><u>PDF</u></a>	1.92	\$105.00
<a href="#"><u>IM4-6-BD-8-1-4-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	1.93	\$105.00
<a href="#"><u>IM4-9-BD-12-1-4-N-B</u></a>			6	Blue	<a href="#"><u>PDF</u></a>	2.54	\$131.00
<a href="#"><u>IM4-9-BD-12-1-4-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	2.53	\$131.00
<a href="#"><u>IM4-11-BD-16-1-4-N-B</u></a>			8	Blue	<a href="#"><u>PDF</u></a>	3.15	\$164.00
<a href="#"><u>IM4-11-BD-16-1-4-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	3.14	\$164.00
<a href="#"><u>IM4-6-BD-8-3-8-N-B</u></a>		3/8" NPT	4	Blue	<a href="#"><u>PDF</u></a>	1.87	\$105.00
<a href="#"><u>IM4-6-BD-8-3-8-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	1.89	\$105.00
<a href="#"><u>IM4-9-BD-12-3-8-N-B</u></a>			6	Blue	<a href="#"><u>PDF</u></a>	2.50	\$131.00
<a href="#"><u>IM4-9-BD-12-3-8-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	2.48	\$131.00
<a href="#"><u>IM4-11-BD-16-3-8-N-B</u></a>			8	Blue	<a href="#"><u>PDF</u></a>	3.07	\$164.00
<a href="#"><u>IM4-11-BD-16-3-8-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	3.07	\$164.00
<a href="#"><u>IM6-10-BD-8-1-2-N-B</u></a>	1-1/2" NPT	1/2" NPT	4	Blue	<a href="#"><u>PDF</u></a>	6.36	\$162.00
<a href="#"><u>IM6-10-BD-8-1-2-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	6.37	\$162.00
<a href="#"><u>IM6-14-BD-12-1-2-N-B</u></a>			6	Blue	<a href="#"><u>PDF</u></a>	8.49	\$218.00
<a href="#"><u>IM6-14-BD-12-1-2-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	8.51	\$218.00
<a href="#"><u>IM6-18-BD-16-1-2-N-B</u></a>			8	Blue	<a href="#"><u>PDF</u></a>	10.62	\$274.00
<a href="#"><u>IM6-18-BD-16-1-2-N-R</u></a>				Red	<a href="#"><u>PDF</u></a>	10.69	\$274.00



# Inline™ Manifold Accessories



Part No. [IM-3040](#)



See [www.AutomationDirect.com](http://www.AutomationDirect.com) for a wide variety of fitting options

Inline Manifold Accessories				
Part Number	Description	Drawing Link	Weight (lb)	Price
<a href="#"><u>IM-3030</u></a>	CITO manifold end cap, 3/4in male NPT, anodized aluminum. O-ring included.	<a href="#"><u>PDF</u></a>	0.10	\$12.00
<a href="#"><u>IM-3040</u></a>	CITO manifold end cap, 1in male NPT, anodized aluminum. O-ring included.	<a href="#"><u>PDF</u></a>	0.15	\$14.00
<a href="#"><u>IM-3060</u></a>	CITO manifold end cap, 1-1/2in male NPT, anodized aluminum. O-ring included.	<a href="#"><u>PDF</u></a>	0.26	\$16.00



# Pneumatic Fitting Accessories

**NITRA** Blowguns (or nozzles) are available in heavy duty palm type with safety tip, pistol grips (both aluminum and plastic).

## Features

- Maximum input pressure of 120 psi
- Thread size on inlet 1/4 NPT female

NITRA Pneumatic Blow Guns					
Part No.	Price	Description	OHSA Directive No. 100-1	Parts Per Pkg	Weight
<b>HBG-01</b>	\$11.50	Pneumatic blow gun, heavy duty palm type with safety tip, 1/4 inch FNPT connection	yes	1	0.4
<b>HBG-04</b>	\$14.00	Pneumatic blow gun, cast aluminum pistol grip with 6 inch nozzle, 1/4 inch FNPT connection	no	1	1.0

O.S.H.A. Certification – Blow Gun HBG-01, conforms to the requirements of Compressed Air Standards as currently described in the U.S. Bureau of Labor Standards, standard 1910.242 (OSHA directive STD01-13-001), when pressurized at the inlet to a maximum of 100 PSIG.



**HBG-01**



**HBG-04**

**NITRA** commercial grade thread sealant tape is made with 100% virgin PTFE for strong chemical resistance. Thread sealant color is white and is USDA and FDA compliant.



NITRA PTFE Thread Sealing Tape				
Part No.	Price	Description	Parts Per Pkg	Weight
<b>TS12-260</b>	\$5.25	NITRA pneumatic PTFE thread sealing tape for use with pipe thread connections. 1/2 inch wide by 260 inch long roll.	1	0.02