

BRASS FITTINGS

PUSH-TO-CONNECT TUBE FITTINGS

Push-To-Connect Tube Fittings



Plug

SPECIFICATIONS

| RB&H # | "A" PUSH-IN O.D. (IN.) | "B" LENGTH (IN.) | "C" (IN.) |
|----------|------------------------|------------------|-----------|
| PTC-59X4 | 1/4 | 1.496 | .433 |
| PTC-59X6 | 3/8 | 1.496 | .551 |



Union Elbow

SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | "A" (IN.) | "B" (IN.) |
|------------|-----------------|-----------|-----------|
| PTC-65X2 | 1/8 | 0.814 | 0.689 |
| PTC-65X2.5 | 5/32 | 0.814 | 0.689 |
| PTC-65X4 | 1/4 | 1.043 | 0.905 |
| PTC-65X6 | 3/8 | 1.122 | 0.984 |
| PTC-65X8 | 1/2 | 1.162 | 1.024 |



Tube to Tube Union

SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) |
|------------|-----------------|-----------|-----------|-----------|
| PTC-62X2 | 1/8 | 1.299 | 1.062 | 5/16 |
| PTC-62X2.5 | 5/32 | 1.431 | 1.181 | 3/8 |
| PTC-62X4 | 1/4 | 1.850 | 1.575 | 7/16 |
| PTC-62X6 | 3/8 | 1.850 | 1.575 | 9/16 |
| PTC-62X8 | 1/2 | 1.850 | 1.575 | 11/16 |



Female Connector

SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) |
|------------|-----------------|-------------------|-----------|-----------|-----------|
| PTC-66X2 | 1/8 | 1/8 | 1.137 | 1.012 | 9/16 |
| PTC-66X2.5 | 5/32 | 1/8 | 1.137 | 1.012 | 9/16 |
| PTC-66X4 | 1/4 | 1/8 | 1.358 | 1.220 | 9/16 |
| PTC-66X4X4 | 1/4 | 1/4 | 1.554 | 1.417 | 3/4 |
| PTC-66X6 | 3/8 | 1/4 | 1.555 | 1.417 | 3/4 |
| PTC-66X6X6 | 3/8 | 3/8 | 1.556 | 1.418 | 7/8 |



Union Tee

SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) |
|------------|-----------------|-----------|-----------|-----------|
| PTC-64X2 | 1/8 | 0.814 | 0.689 | 5/16 |
| PTC-64X2.5 | 5/32 | 0.814 | 0.689 | 5/16 |
| PTC-64X3 | 3/16 | 0.885 | 0.748 | 3/8 |
| PTC-64X4 | 1/4 | 1.043 | 0.905 | 3/8 |
| PTC-64X6 | 3/8 | 1.122 | 0.984 | 1/2 |
| PTC-64X8 | 1/2 | 1.162 | 1.024 | 5/8 |

BRASS FITTINGS

PUSH-TO-CONNECT TUBE FITTINGS

Male Connector



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|--------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTC-68X2X0 | 1/8 | 10 - 32* | 0.873 | 0.748 | 3/8 | 3/32 |
| PTC-68X2X1 | 1/8 | 1/16 | 0.807 | 0.728 | 3/8 | .095 |
| PTC-68X2 | 1/8 | 1/8 | 0.794 | 0.669 | 7/16 | 3/32 |
| PTC-68X2.5X0 | 5/32 | 10 - 32* | 0.873 | 0.748 | 3/8 | 3/32 |
| PTC-68X2.5 | 5/32 | 1/8 | 0.794 | 0.669 | 7/16 | 1/8 |
| PTC-68X2.5X4 | 5/32 | 1/4 | 0.971 | 0.846 | 9/16 | 1/8 |
| PTC-68X3X0 | 3/16 | 10 - 32* | 0.951 | 0.815 | 3/8 | 3/32 |
| PTC-68X3 | 3/16 | 1/8 | 1.063 | 0.925 | 7/16 | 5/32 |
| PTC-68X4X0 | 1/4 | 10 - 32* | 1.082 | 0.944 | 7/16 | 3/32 |
| PTC-68X4 | 1/4 | 1/8 | 1.062 | 0.925 | 7/16 | 3/16 |
| PTC-68X4X4 | 1/4 | 1/4 | 1.062 | 0.925 | 9/16 | 3/16 |
| PTC-68X4X6 | 1/4 | 3/8 | 1.161 | 1.025 | 1 1/16 | 3/16 |
| PTC-68X6X2 | 3/8 | 1/8 | 1.319 | 1.181 | 9/16 | 3/16 |
| PTC-68X6 | 3/8 | 1/4 | 1.259 | 1.122 | 9/16 | 5/16 |
| PTC-68X6X6 | 3/8 | 3/8 | 1.161 | 1.023 | 1 1/16 | 5/16 |
| PTC-68X6X8 | 3/8 | 1/2 | 1.162 | 1.024 | 7/8 | 5/16 |
| PTC-68X8X4 | 1/2 | 1/4 | 1.496 | 1.358 | 1 1/16 | 1/4 |
| PTC-68X8 | 1/2 | 3/8 | 1.319 | 1.181 | 1 1/16 | 3/8 |
| PTC-68X8X8 | 1/2 | 1/2 | 1.162 | 1.024 | 7/8 | 3/8 |

Note: Internal hex ("D" DIM.) can be used for tightening with Allen key

* Furnished with gaskets

Male Elbow



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTC-69X2 | 1/8 | 1/8 | 0.814 | 0.689 | 5/16 | 0.689 |
| PTC-69X2.5 | 5/32 | 1/8 | 0.814 | 0.689 | 5/16 | 0.689 |
| PTC-69X3 | 3/16 | 1/8 | 0.925 | 0.787 | 3/8 | 0.708 |
| PTC-69X4 | 1/4 | 1/8 | 1.043 | 0.905 | 3/8 | 0.748 |
| PTC-69X4X4 | 1/4 | 1/4 | 1.083 | 0.944 | 7/16 | 0.944 |
| PTC-69X4X6 | 1/4 | 3/8 | 1.133 | 0.996 | 9/16 | 0.984 |
| PTC-69X6X2 | 3/8 | 1/8 | 1.122 | 0.984 | 9/16 | 0.787 |
| PTC-69X6 | 3/8 | 1/4 | 1.122 | 0.984 | 1/2 | 0.944 |
| PTC-69X6X6 | 3/8 | 3/8 | 1.122 | 0.984 | 1/2 | 0.984 |
| PTC-69X8X4 | 1/2 | 1/4 | 1.162 | 1.024 | 5/8 | 1.000 |
| PTC-69X8 | 1/2 | 3/8 | 1.162 | 1.024 | 1 1/16 | 1.043 |
| PTC-69X8X8 | 1/2 | 1/2 | 1.190 | 1.110 | 5/8 | 1.560 |

All dimensions are subject to change without notice

Swivel Male Elbow



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|---------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTCX-69X2 | 1/8 | 1/8 | 0.787 | 0.699 | 1/2 | 1.051 |
| PTCX-69X2.5X0 | 5/32 | 10 - 32* | 0.814 | 0.689 | 3/8 | 0.874 |
| PTCX-69X2.5 | 5/32 | 1/8 | 0.814 | 0.689 | 1/2 | 1.051 |
| PTCX-69X2.5X4 | 5/32 | 1/4 | 0.814 | 0.689 | 9/16 | 1.248 |
| PTCX-69X4X0 | 1/4 | 10 - 32* | 1.043 | 0.905 | 1/2 | 0.972 |
| PTCX-69X4 | 1/4 | 1/8 | 1.043 | 0.905 | 1/2 | 1.130 |
| PTCX-69X4X4 | 1/4 | 1/4 | 1.043 | 0.905 | 9/16 | 1.327 |
| PTCX-69X4X6 | 1/4 | 3/8 | 1.043 | 0.905 | 1 1/16 | 1.327 |
| PTCX-69X6 | 3/8 | 1/4 | 1.103 | 0.965 | 5/8 | 1.445 |
| PTCX-69X6X6 | 3/8 | 3/8 | 1.103 | 0.965 | 1 1/16 | 1.465 |
| PTCX-69X6X8 | 3/8 | 1/2 | 1.103 | 0.965 | 7/8 | 1.650 |
| PTCX-69X8X6 | 1/2 | 3/8 | 1.230 | 1.150 | 1 1/16 | 1.280 |
| PTCX-69X8X8 | 1/2 | 1/2 | 1.181 | 1.043 | 7/8 | 1.197 |

* Furnished with gaskets

Female Elbow



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTC-70X4 | 1/4 | 1/8 | 1.083 | .944 | 3/8 | .748 |
| PTC-70X4X4 | 1/4 | 1/4 | 1.083 | .944 | 7/16 | .944 |
| PTC-70X6 | 3/8 | 1/4 | 1.122 | .984 | 1/2 | .944 |

Swivel Female Elbow



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | MALE PIPE (IN.) |
|-------------|-----------------|-----------------|
| PTCX-70X2.5 | 5/32 | 1/8 |
| PTCX-70X4 | 1/4 | 1/8 |
| PTCX-70X4X4 | 1/4 | 1/4 |
| PTCX-70X6 | 3/8 | 1/4 |
| PTCX-70X6X6 | 3/8 | 3/8 |
| PTCX-70X8 | 1/2 | 3/8 |

BRASS FITTINGS

PUSH-TO-CONNECT TUBE FITTINGS



Male Run Tee

SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTC-71X2 | 1/8 | 1/8 | 0.814 | 0.689 | 5/16 | 0.689 |
| PTC-71X2.5 | 5/32 | 1/8 | 0.814 | 0.689 | 5/16 | 0.689 |
| PTC-71X3 | 3/16 | 1/8 | 0.885 | 0.748 | 3/8 | 0.708 |
| PTC-71X4 | 1/4 | 1/8 | 1.043 | 0.905 | 3/8 | 0.748 |
| PTC-71X4X4 | 1/4 | 1/4 | 1.043 | 0.905 | 7/16 | 0.944 |
| PTC-71X6X2 | 3/8 | 1/8 | 1.161 | 1.023 | 9/16 | 0.866 |
| PTC-71X6 | 3/8 | 1/4 | 1.122 | 0.984 | 1/2 | 0.984 |
| PTC-71X6X6 | 3/8 | 3/8 | 1.122 | 0.984 | 1/2 | 0.984 |
| PTC-71X8 | 1/2 | 3/8 | 1.162 | 1.024 | 5/8 | 1.043 |



Male Branch Tee

SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTC-72X2 | 1/8 | 1/8 | 0.814 | 0.689 | 5/16 | 0.689 |
| PTC-72X2.5 | 5/32 | 1/8 | 0.814 | 0.689 | 5/16 | 0.689 |
| PTC-72X3 | 3/16 | 1/8 | 0.925 | 0.787 | 3/8 | 0.708 |
| PTC-72X4 | 1/4 | 1/8 | 1.043 | 0.905 | 3/8 | 0.748 |
| PTC-72X4X4 | 1/4 | 1/4 | 1.043 | 0.905 | 7/16 | 0.944 |
| PTC-72X6X2 | 3/8 | 1/8 | 1.122 | 0.984 | 9/16 | 0.787 |
| PTC-72X6 | 3/8 | 1/4 | 1.122 | 0.984 | 1/2 | 0.984 |
| PTC-72X6X6 | 3/8 | 3/8 | 1.122 | 0.984 | 1/2 | 0.984 |
| PTC-72X8 | 1/2 | 3/8 | 1.162 | 1.024 | 5/8 | 1.043 |



Swivel Male Run Tee

SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|---------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTCX-71X2 | 1/8 | 1/8 | 0.814 | 0.689 | 1/2 | 1.150 |
| PTCX-71X2.5X0 | 5/32 | 10 - 32* | 0.754 | 0.689 | 3/8 | 0.972 |
| PTCX-71X2.5 | 5/32 | 1/8 | 0.814 | 0.689 | 1/2 | 1.150 |
| PTCX-71X4 | 1/4 | 1/8 | 1.043 | 0.905 | 1/2 | 1.130 |
| PTCX-71X4X4 | 1/4 | 1/4 | 1.043 | 0.905 | 9/16 | 1.327 |
| PTCX-71X6 | 3/8 | 1/4 | 1.103 | 0.965 | 5/8 | 1.445 |
| PTCX-71X6X6 | 3/8 | 3/8 | 1.103 | 0.965 | 1 1/16 | 1.465 |
| PTCX-71X8 | 1/2 | 3/8 | 1.181 | 1.043 | 3/4 | 1.681 |
| PTCX-71X8X8 | 1/2 | 1/2 | 1.181 | 1.043 | 7/8 | 1.917 |

* Furnished with gaskets

SPECIFICATIONS

| RB&H # | TUBE O.D. 1 (IN.) | TUBE O.D. 2 (IN.) | PIPE THREAD (IN.) |
|------------|-------------------|-------------------|-------------------|
| PTC-88X2.5 | 5/32 | 5/32 | 1/8 |

"Y" Connector Male NPT to Dual AQ Tube Connection



Quick Disconnect

SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) |
|------------|-----------------|-------------------|-----------|-----------|-----------|
| PTC-92X4 | 1/4 | 1/8 | 1.062 | 0.925 | 7/16 |
| PTC-92X4X4 | 1/4 | 1/4 | 1.062 | 0.925 | 9/16 |
| PTC-92X6 | 3/8 | 1/4 | 1.260 | 1.122 | 9/16 |

When tube is disconnected, flow shuts off automatically

BRASS FITTINGS

PUSH-TO-CONNECT TUBE FITTINGS

**PTCX-72
Swivel Male
Branch Tee**



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|---------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTCX-72X2 | 1/8 | 1/8 | 0.814 | 0.689 | 1/2 | 1.150 |
| PTCX-72X2.5X0 | 5/32 | 10 - 32* | 0.754 | 0.689 | 3/8 | 0.972 |
| PTCX-72X2.5 | 5/32 | 1/8 | 0.814 | 0.689 | 1/2 | 1.150 |
| PTCX-72X4 | 1/4 | 1/8 | 1.043 | 0.905 | 1/2 | 1.130 |
| PTCX-72X4X4 | 1/4 | 1/4 | 1.043 | 0.905 | 9/16 | 1.327 |
| PTCX-72X6 | 3/8 | 1/4 | 1.103 | 0.965 | 5/8 | 1.445 |
| PTCX-72X6X6 | 3/8 | 3/8 | 1.103 | 0.965 | 1 1/16 | 1.465 |
| PTCX-72X8 | 1/2 | 3/8 | 1.181 | 1.043 | 3/4 | 1.681 |
| PTCX-72X8X8 | 1/2 | 1/2 | 1.181 | 1.043 | 7/8 | 1.917 |

* Furnished with gaskets

**PTC-77
Female
Branch Tee**



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTC-77X4 | 1/4 | 1/8 | 1.043 | .906 | 7/16 | .750 |
| PTC-77X4X4 | 1/4 | 1/4 | 1.043 | .906 | 1/2 | .945 |
| PTC-77X6 | 3/8 | 1/4 | 1.118 | .984 | 1/2 | .945 |

**PTC-82
Bulkhead
Union**



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) | "E" THREAD (IN.) |
|------------|-----------------|-----------|-----------|-----------|-----------|------------------|
| PTC-82X2 | 1/8 | 1.431 | 1.181 | 5/8 | .500 | 7/16 - 20 |
| PTC-82X2.5 | 5/32 | 1.431 | 1.181 | 5/8 | .500 | 7/16 - 20 |
| PTC-82X3 | 3/16 | 1.594 | 1.318 | 1 1/16 | .575 | 1/2 - 20 |
| PTC-82X4 | 1/4 | 1.909 | 1.633 | 1 1/16 | .889 | 1/2 - 20 |
| PTC-82X6 | 3/8 | 1.909 | 1.633 | 1 3/16 | .889 | 5/8 - 18 |
| PTC-82X8 | 1/2 | 1.909 | 1.634 | 1 5/16 | .750 | 3/4 - 16 |

PUSH-TO-CONNECT DOT AIR BRAKE FITTINGS

**PTCX-DOT-54
(45° Swivel)
Male Elbow**



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | PIPE THREAD (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) | "D" (IN.) |
|-----------------|-----------------|-------------------|-----------|-----------|-----------|-----------|
| PTCX-DOT-54X4 | 1/4 | 1/8 | .750 | .886 | .965 | 7/16 |
| PTCX-DOT-54X4X4 | 1/4 | 1/4 | .945 | .886 | .965 | 9/16 |
| PTCX-DOT-54X6 | 3/8 | 1/4 | .945 | .886 | .965 | 9/16 |

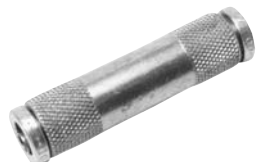
**PTC-DOT-64
Union Tee**



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) |
|--------------|-----------------|-----------|-----------|-----------|
| PTC-DOT-64X4 | 1/4 | 1.063 | 0.925 | 3/8 |
| PTC-DOT-64X6 | 3/8 | 1.122 | 0.984 | 1/2 |
| PTC-DOT-64X8 | 1/2 | 1.299 | 1.161 | 5/8 |

**PTC-DOT-62
Union Connector**



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | "A" (IN.) | "B" (IN.) | "C" (IN.) |
|----------------|-----------------|-----------|-----------|-----------|
| PTC-DOT-62X2.5 | 5/16 | 1.339 | 1.181 | 3/8 |
| PTC-DOT-62X4 | 1/4 | 1.810 | 1.535 | 7/16 |
| PTC-DOT-62X6 | 3/8 | 1.810 | 1.535 | 9/16 |
| PTC-DOT-62X8 | 1/2 | 2.007 | 1.732 | 1 1/16 |

**PTC-DOT-65
Union Elbow**



SPECIFICATIONS

| RB&H # | TUBE O.D. (IN.) | "A" (IN.) | "B" (IN.) |
|--------------|-----------------|-----------|-----------|
| PTC-DOT-65X4 | 1/4 | 1.043 | 0.905 |
| PTC-DOT-65X6 | 3/8 | 1.103 | 0.965 |
| PTC-DOT-65X8 | 1/2 | 1.162 | 1.024 |

AIR BRAKE: For all AIR BRAKE applications except those designed for use between frame and axle or between towed and towing vehicle
All dimensions are subject to change without notice