# BRASS INDEX

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# PIPE BRASS FITTINGS

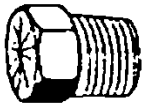
**Advantages:**
All pipe fitting threads are made to Dryseal standards. Connectors, unions, nuts and extruded elbows and tees are machined from CA 360 and CA 345 brass rod; forged elbows and tees are machined from CA 377 brass.

**Specifications:**
Meets functional requirements of the SAE, ASME and ASA.

**Applications:**
Use with brass, copper or iron pipe. Manufactured for low and medium pressure line connection work.

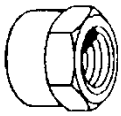
**Temperature and Working Pressure Ranges:**
From -65° to +250°F at 1000 PSI.

## HEX HEAD PLUG



| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 22321 | 1/8 | 10 |
| 20440 | 1/4 | 10 |
| 23012 | 3/8 | 5 |
| 23013 | 1/2 | 5 |
| 52765 | 3/4 | 5 |

## CAP



| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 52766 | 1/8 | 10 |
| 20322 | 1/4 | 10 |
| 20323 | 3/8 | 5 |
| 20324 | 1/2 | 5 |
| 42700 | 3/4 | 2 |

## SQUARE HEAD PLUG

| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23014 | 1/8 | 10 |
| 23015 | 1/4 | 10 |
| 23016 | 3/8 | 5 |
| 23017 | 1/2 | 5 |
| V46101 | 3/4 | 5 |

## SLOTTED PLUG

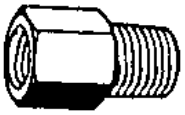
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23018 | 1/8 | 20 |

## BUSHING

| J&B # | MALE PIPE | FEMALE PIPE | QTY |
|---|---|---|---|
| 20412 | 1/4 | 1/8 | 10 |
| 20413 | 3/8 | 1/8 | 10 |
| 20414 | 3/8 | 1/4 | 10 |
| 23020 | 1/2 | 1/8 | 5 |
| 23021 | 1/2 | 1/4 | 5 |
| 23022 | 1/2 | 3/8 | 5 |
| 23023 | 3/4 | 3/8 | 2 |
| 23024 | 3/4 | 1/2 | 2 |
| 20353 | 1 | 3/4 | 2 |

# PIPE BRASS FITTINGS

## ADAPTER



| J&B # | FEMALE PIPE | MALE PIPE | QTY |
|---|---|---|---|
| 52665 | 1/8 | 1/8 | 5 |
| 52666 | 1/4 | 1/8 | 5 |
| 52667 | 1/4 | 1/4 | 5 |
| 52668 | 3/8 | 1/4 | 5 |
| 52669 | 3/8 | 3/8 | 5 |
| 52672 | 1/2 | 1/4 | 5 |
| 52670 | 1/2 | 3/8 | 5 |
| 52671 | 1/2 | 1/2 | 2 |
| 52673 | 3/4 | 1/2 | 2 |

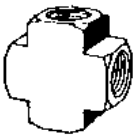
## HEX NIPPLE

| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23033 | 1/8 | 20 |
| 23034 | 1/4 | 10 |
| 23035 | 3/8 | 10 |
| 23008 | 1/2 | 5 |
| 23007 | 3/4 | 2 |

## HEX REDUCE NIPPLE

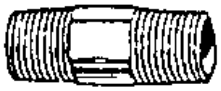
| J&B # | MALE PIPE | MALE PIPE | QTY |
|---|---|---|---|
| 23005 | 1/4 | 1/8 | 10 |
| 23003 | 3/8 | 1/8 | 10 |
| V46104 | 3/8 | 1/4 | 10 |
| 23004 | 1/2 | 1/4 | 10 |
| V46103 | 1/2 | 3/8 | 10 |
| V46102 | 3/4 | 1/2 | 5 |

## CROSS



| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 52675 | 1/8 | 5 |
| 52676 | 1/4 | 5 |
| 52677 | 3/8 | 5 |

## LONG NIPPLE



| J&B # | PIPE THREAD | LENGTH | QTY |
|---|---|---|---|
| 23037 | 1/8 | 1-1/2 | 10 |
| 23039 | 1/8 | 2 | 10 |
| 22192 | 1/8 | 2-1/2 | 5 |
| 22199 | 1/8 | 3 | 5 |
| 23038 | 1/4 | 1-1/2 | 5 |
| 23040 | 1/4 | 2 | 5 |
| 22200 | 1/4 | 2-1/2 | 5 |
| 22201 | 1/4 | 3 | 5 |
| 20364 | 3/8 | 1-1/2 | 5 |
| 20365 | 3/8 | 2 | 5 |
| 20366 | 3/8 | 2-1/2 | 5 |
| 23006 | 3/8 | 3 | 5 |
| 23019 | 1/2 | 1-1/2 | 5 |
| 20370 | 1/2 | 2 | 5 |
| 20369 | 1/2 | 2-1/2 | 5 |
| 22202 | 1/2 | 3 | 5 |

## CLOSE NIPPLE

| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 20415 | 1/8 | 10 |
| 20416 | 1/4 | 10 |
| 20417 | 3/8 | 10 |
| 23036 | 1/2 | 5 |
| 46117 | 3/4 | 5 |

## PIPE PLUG

| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 38141 | 1/8 | 10 |
| 38142 | 1/4 | 10 |
| 38143 | 3/8 | 10 |
| 38144 | 1/2 | 5 |
| 38145 | 3/4 | 2 |

# BULKHEAD FITTINGS

**JB NO V46110 5/BX**

1/4 F--Pipe
1/2 M-Pipe
3/4-16 All Steel
1-11/16 Long

**JB NO 38517 5/BX**

3/8 F--Pipe
1/2 M-Pipe
1-14 All Steel
1-11/16 Long

**JB NO V46106 2/BX**

1/4 F--Pipe Brass Body
1/2 M-Pipe (Both Ends)
1-14 Steel Nut
2-7/8 Long

**JB NO V46111 5/BX**

3/8 F--Pipe
1/2 M-Pipe Brass Body
1-14 Brass Nut
1-11/16 Long

**JB NO 38510 5/BX**

1/4 F--Pipe (Both Ends)
Brass Body
3/4-16 Steel Nut
1-1/2 Long

**JB NO 38515 5/BX**

3/8 F-Pipe (Both Ends)
Brass Body
1-14 Steel Nut
1-5/16 Long

**JB NO V46109 5/BX**

3/8 OD Tubing
3/8 F-Pipe Brass Body
7/8-20 Brass Nut
1-3/4 Long

**JB NO V46108 5/BX**

1/2 OD Tubing
3/8 F-Pipe Brass Body
7/8-20 Brass Nut
1-15/16 Long

**JB NO 40447 5/BX**

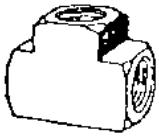
1/2 F-Pipe (Both Ends)
Brass Body
1-1/8-14 Brass Nut
1-1/2 Long

# PIPE BRASS FITTINGS

## COUPLING

| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23025 | 1/8 | 10 |
| 23026 | 1/4 | 10 |
| 23027 | 3/8 | 5 |
| 23028 | 1/2 | 5 |
| 52663 | 3/4 | 2 |

## TEE

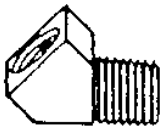


| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23053 | 1/8 | 5 |
| 23054 | 1/4 | 5 |
| 23055 | 3/8 | 5 |
| 23056 | 1/2 | 2 |
| 46096 | 3/4 | 2 |

## REDUCER COUP

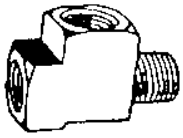
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23029 | 1/4 x 1/8 | 10 |
| 23030 | 3/8 x 1/8 | 5 |
| 23031 | 3/8 x 1/4 | 5 |
| 23032 | 1/2 x 3/8 | 5 |
| 46097 | 3/4 X 1/2 | 2 |

## 45° STREET ELB



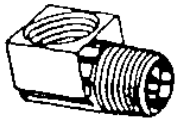
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23041 | 1/8 | 5 |
| 23042 | 1/4 | 5 |
| 23043 | 3/8 | 5 |
| 23044 | 1/2 | 2 |
| 46098 | 3/4 | 2 |

## STREET TEE



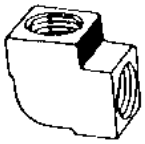
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23057 | 1/8 | 5 |
| 23058 | 1/4 | 5 |
| 52684 | 3/8 | 5 |
| 52685 | 1/2 | 2 |
| 46099 | 3/4 | 2 |

## 90° STREET ELB



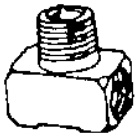
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23045 | 1/8 | 10 |
| 23046 | 1/4 | 10 |
| 23047 | 3/8 | 5 |
| 23048 | 1/2 | 5 |
| 46115 | 3/4 | 2 |

## 90° ELBOW



| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 23049 | 1/8 | 10 |
| 23050 | 1/4 | 10 |
| 23051 | 3/8 | 5 |
| 23052 | 1/2 | 2 |
| 46116 | 3/4 | 2 |

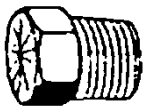
## MALE BRANCH TEE



| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 52680 | 1/8 | 5 |
| 52681 | 1/4 | 5 |
| 52682 | 3/8 | 2 |
| 52662 | 1/2 | 2 |

# PIPE BRASS FITTINGS

## HEX HEAD PLUG

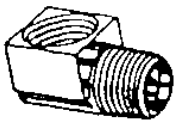


| J&B # | BASE# | PIPE THREAD | QTY |
|---|---|---|---|
| 59000 | 23012 | 3/8 | 5 |
| 59029 | 23013 | 1/2 | 5 |

## SQUARE HEAD PLUG

| J&B # | BASE# | PIPE THREAD | QTY |
|---|---|---|---|
| 59045 | 23017 | 1/2 | 5 |
| 59001 | V46101 | 3/4 | 5 |

## 90° STREET ELB



| J&B # | BASE# | PIPE THREAD | QTY |
|---|---|---|---|
| 59007 | 23046 | 1/4 | 10 |
| 59008 | 23047 | 3/8 | 5 |

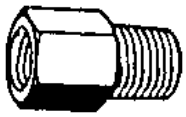
## BUSHING

| J&B# | BASE# | MALE PIPE | FEMALE PIPE | QTY |
|---|---|---|---|---|
| 58010 | 20412 | 1/4 | 1/8 | 10 |
| 59030 | 20414 | 3/8 | 1/4 | 10 |
| 59002 | 23022 | 1/2 | 3/8 | 5 |
| 59003 | 23024 | 3/4 | 1/2 | 2 |

## HEX NIPPLE

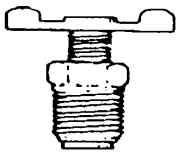
| J&B # | BASE# | PIPE THREAD | QTY |
|---|---|---|---|
| 59005 | 23034 | 1/4 | 10 |
| 59026 | 23035 | 3/8 | 10 |
| 59006 | 23008 | 1/2 | 5 |

## ADAPTER



| J&B# | BASE# | MALE PIPE | FEMALE PIPE | QTY |
|---|---|---|---|---|
| 59004 | 52670 | 1/2 | 3/8 | 5 |

## EXTERNAL SEAL DRAIN COCK



| J&B # | BASE# | PIPE THREAD | QTY |
|---|---|---|---|
| 59025 | 20438 | 1/4 | 10 |

## COUPLING

| J&B # | BASE# | PIPE THREAD | QTY |
|---|---|---|---|
| 58014 | 23027 | 3/8 | 5 |

# TUBING

## COPPER TUBING

- Top quality, seamless annealed automotive grade.

| J&B # | TUBE SIZE | WALL GAUGE | LENGTH |
|---|---|---|---|
| 24139 | 1/8 | .030 | 50' |
| 24140 | 3/16 | .030 | 50' |
| 24141 | 1/4 | .030 | 50' |
| 24142 | 5/16 | .032 | 50' |
| 24143 | 3/8 | .032 | 50' |
| 24144 | 1/2 | .032 | 50' |
| 24145 | 5/8 | .035 | 50' |
| 24146 | 3/4 | .035 | 50' |

## COILED STEEL TUBING

- Coiled tubing that bends and flares easily.
- This tubing can be used for automotive, farm and industrial application.

| J&B # | TUBE SIZE | LENGTH |
|---|---|---|
| 41227 | 3/16 | 25’ |
| 41235 | 1/4 | 25' |
| 41238 | 5/16 | 25' |
| 41236 | 3/8 | 25' |

# TUBING

## NICOPP CUPRO NICKEL ALLOY TUBING

- Coiled tubing that bends & flares easily and never rusts.
- Made of **90%** copper and **10%** nickel alloy.
- OE on many European vehicles.
- DOT approved as replacement for brake, fuel, power steering, and cooling lines.
- This tubing can be used for automotive, farm and industrial application.

| J&B # | TUBE SIZE | LENGTH |
|---|---|---|
| V38996 | 3/16 | 25' |
| V39003 | 3/16 | 50’ |
| V38997 | 3/16 | 100' |
| V38998 | 1/4 | 25' |
| V39004 | 1/4 | 50’ |
| V38995 | 1/4 | 100’ |
| V38999 | 5/16 | 25’ |
| V39002 | 3/8 | 25’ |

## GREEN ARMORLINE COATED TUBING

- Coiled tubing that bends and flares easily.
- This tubing can be used for automotive, farm and industrial application.

| J&B # | TUBE SIZE | LENGTH |
|---|---|---|
| V38330 | 3/16 | 25’ |
| V38331 | 3/16 | 100' |
| V38332 | 1/4 | 25' |
| V38333 | 1/4 | 100' |

## QUICK OPEN FLARING TOOL

- Use on copper, brass & aluminum tubing sizes 3/16” to 5/8” OD.
- Self-Centering yoke of shock proof malleable steel.
- Makes SAE 45 degree flare joints without cracking.
- Hardened super smooth cone.
- Long handle for added leverage.
- Large wing nuts permit easy, positive locking on the tubing.

| J&B # | QTY |
|---|---|
| 50320 | EA |

# COMPRESSION BRASS FITTINGS

**Advantages:**
No flaring, soldering or other preparation of tubing necessary to assemble. This economical fitting is readily available in broad selection of styles. Manufactured from CA 360, CA 345, or CA 377 brass rod.

**Specifications:**
Listed with Underwriter's Laboratories for flammable liquid. Compression fittings meet functional requirements of SAE J-512, ASA and ASME.

**Applications:**
Use with copper, brass and aluminum. Not recommended for steel tubing. Manufactured for low and medium pressure tubing connection work where excessive vibration or tube movement is not involved. Use long nut for additional vibration resistance.

**Working Pressure Ranges:**
Temperature and type of tubing used are important factors; however, the following table is a good guide for proper selection. Temperature 73°F:

| PSI | TUBE O.D. (in.) |
|---|---|
| 400 | 1/8 |
| 400 | 3/16 |
| 300 | 1/4 |
| 300 | 5/16 |

| PSI | TUBE O.D. (in.) |
|---|---|
| 200 | 3/8 |
| 200 | 1/2 |
| 150 | 5/8 |
| 100 | 3/4 |

**Temperature Ranges:**
From -65° to +250°F

## SLEEVE

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20278 | 1/8 | 50 |
| 20279 | 3/16 | 50 |
| 20280 | 1/4 | 50 |
| 20281 | 5/16 | 50 |
| 20282 | 3/8 | 50 |
| 20418 | 7/16 | 20 |
| 20419 | 1/2 | 20 |
| 20420 | 5/8 | 10 |
| 20421 | 3/4 | 10 |

## NUT

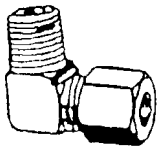
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20283 | 1/8 | 20 |
| 20284 | 3/16 | 20 |
| 20285 | 1/4 | 20 |
| 20286 | 5/16 | 20 |
| 20287 | 3/8 | 10 |
| 20422 | 7/16 | 10 |
| 20423 | 1/2 | 10 |
| 20424 | 5/8 | 1 |
| 20425 | 3/4 | 1 |

# COMPRESSION BRASS FITTINGS

## MALE CONN

| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 20362 | 1/8 | 1/16 | 10 |
| 20296 | 1/8 | 1/8 | 10 |
| 20297 | 3/16 | 1/8 | 10 |
| 20298 | 1/4 | 1/8 | 10 |
| 20299 | 1/4 | 1/4 | 10 |
| 20300 | 5/16 | 1/8 | 10 |
| 20301 | 5/16 | 1/4 | 10 |
| 20303 | 3/8 | 1/8 | 10 |
| 20302 | 3/8 | 1/4 | 10 |
| 20304 | 3/8 | 3/8 | 5 |
| 20427 | 3/8 | 1/2 | 2 |
| 20428 | 7/16 | 1/4 | 5 |
| 20433 | 1/2 | 1/4 | 5 |
| 20429 | 1/2 | 3/8 | 5 |
| 20430 | 1/2 | 1/2 | 5 |
| 20431 | 5/8 | 1/2 | 1 |
| 20432 | 3/4 | 1/2 | 1 |

## MALE ELBOW



| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 20314 | 1/8 | 1/16 | 10 |
| 20305 | 1/8 | 1/8 | 10 |
| 20306 | 3/16 | 1/8 | 10 |
| 20307 | 1/4 | 1/8 | 10 |
| 20308 | 1/4 | 1/4 | 10 |
| 20309 | 5/16 | 1/8 | 10 |
| 20310 | 5/16 | 1/4 | 10 |
| 20312 | 3/8 | 1/8 | 5 |
| 20311 | 3/8 | 1/4 | 10 |
| 20313 | 3/8 | 3/8 | 5 |
| 21405 | 1/2 | 3/8 | 5 |
| 21406 | 1/2 | 1/2 | 5 |
| 21407 | 5/8 | 1/2 | 1 |
| 21408 | 3/4 | 1/2 | 1 |

## FEMALE CONN

| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 21412 | 1/8 | 1/8 | 5 |
| 21413 | 3/16 | 1/8 | 5 |
| 21414 | 1/4 | 1/8 | 10 |
| 21415 | 5/16 | 1/8 | 10 |
| 21416 | 3/8 | 1/4 | 5 |
| 21417 | 1/2 | 3/8 | 5 |

## MALE BRANCH TEE

| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 20326 | 3/16 | 1/8 | 5 |
| 20327 | 1/4 | 1/8 | 5 |
| 20325 | 1/4 | 1/4 | 5 |
| 20328 | 5/16 | 1/8 | 5 |
| 20329 | 3/8 | 1/4 | 5 |
| 21410 | 1/2 | 3/8 | 5 |

# COMPRESSION BRASS FITTINGS

## SUREGRIP SLEEVE

| J&B # | SIZE | QTY |
|---|---|---|
| 25116 | 1/8 | 50 |
| 20260 | 5/32 | 50 |

## SUREGRIP NUT

| J&B # | SIZE | QTY |
|---|---|---|
| 20261 | 1/8 | 50 |
| 20262 | 5/32 | 50 |

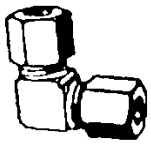
## DELRIN SLEEVE

| J&B # | SIZE | QTY |
|---|---|---|
| 25105 | 1/4 | 50 |
| 25106 | 5/16 | 50 |
| 25107 | 3/8 | 50 |
| 25108 | 1/2 | 20 |

## LONG NUT

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20288 | 1/4 | 5 |
| 20289 | 5/16 | 5 |
| 20290 | 3/8 | 5 |
| 21418 | 1/2 | 5 |

## UNION ELBOW



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20318 | 3/16 | 5 |
| 20319 | 1/4 | 5 |
| 20320 | 5/16 | 5 |
| 20321 | 3/8 | 5 |
| 20426 | 1/2 | 5 |

## UNION

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20291 | 1/8 | 10 |
| 20292 | 3/16 | 10 |
| 20293 | 1/4 | 10 |
| 20294 | 5/16 | 10 |
| 20295 | 3/8 | 10 |
| 21402 | 1/2 | 5 |
| 21403 | 5/8 | 1 |
| 21404 | 3/4 | 1 |

## BRASS INSERT

| J&B # | SIZE | QTY |
|---|---|---|
| 25109 | 1/8 | 50 |
| 25110 | 3/16 | 50 |
| 25111 | 1/4 | 50 |
| 25112 | 5/16 | 50 |
| 25113 | 3/8 | 50 |
| 25114 | 1/2 | 20 |
| 25115 | 5/8 | 10 |

## UNION TEE

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20315 | 1/4 | 5 |
| 52763 | 5/16 | 5 |
| 20317 | 3/8 | 5 |

## BARB FITTING

| J&B # | PARKER | TUBE | BARB | QTY |
|---|---|---|---|---|
| V52601 | 6CAHB-5-6 | 5/16 | 3/8 | 5 |
| V52603 | 6CAHB-6-6 | 3/8 | 3/8 | 5 |

# FUEL COMPRESSION FITTINGS

## COMPRESSION UNION

| J&B # | SIZE STEEL TO NYLON | QTY |
|---|---|---|
| FM2941 | 1/4 | 4 |
| FM2942 | 5/16 | 4 |
| FM2943 | 3/8 | 4 |

* SOLD IN FULL BOXES ONLY

## 360 DEGREE SEAL COMPRESSION UNIONS

| J&B # | SIZE STRAIGHT | QTY |
|---|---|---|
| FM2856 | 1/4 | 2 |
| FM2857 | 5/16 | 2 |
| FM2858 | 3/8 | 2 |
| FM2859 | 10mm (Nylon only) | 2 |

* SOLD IN FULL BOXES ONLY

| J&B # | SIZE REDUCER | QTY |
|---|---|---|
| FM2841 | 3/8 to 5/16 | 4 |
| FM2842 | 10mm to 3/8 (Nylon only) | 4 |

* SOLD IN FULL BOXES ONLY

| J&B # | SIZE 90 DEGREE ELBOW | QTY |
|---|---|---|
| FM2846 | 5/16 | 2 |
| FM2847 | 3/8 | 2 |

* SOLD IN FULL BOXES ONLY

| J&B # | SIZE NYLON TO NYLON | QTY |
|---|---|---|
| FM2890 | 1/4 | 4 |
| FM2891 | 5/16 / M8 | 4 |
| FM2892 | 3/8 | 4 |

* SOLD IN FULL BOXES ONLY

# AIR BRAKE FITTINGS

## FOR COPPER TUBING

**Advantages:**
Easy to assemble, no flaring required. Extruded from CA 360 or CA 345 brass.

**Specifications:**
AB fittings will meet DOT FMVSS571.106 air brake specifications when assembled with 63NTA tube support and J844 nylon tubing.

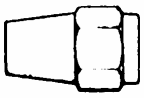
**Applications:**
Use with copper tubing in air brake systems. Bodies (with addition of NTA tube support) are interchangeable with NTA bodies for use with SAE J844 nylon tubing.

**Working Pressure Ranges:**
Up to 400 PSI.

**Temperature Ranges:**
Fittings will withstand variations from -65° to +250°F.

---

## NUT



| J&B # | TUBE SIZE | STRAIGHT THREAD | QTY |
|---|---|---|---|
| 21154 | 1/4 | 7/16-24 | 5 |
| 20814 | 3/8 | 17/32-24 | 20 |
| 20815 | 1/2 | 11/16-20 | 5 |
| 20816 | 5/8 | 13/16-18 | 5 |
| 20817 | 3/4 | 1-18 | 5 |

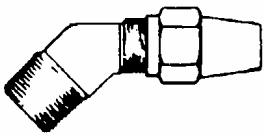
## SLEEVE

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 21156 | 1/4 | 20 |
| 20810 | 3/8 | 20 |
| 20811 | 1/2 | 20 |
| 20812 | 5/8 | 10 |
| 20813 | 3/4 | 10 |

## UNION

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 21157 | 1/4 | 5 |
| 20828 | 3/8 | 10 |
| 20829 | 1/2 | 5 |
| 20830 | 5/8 | 5 |
| 20831 | 3/4 | 2 |

## 45° MALE ELB

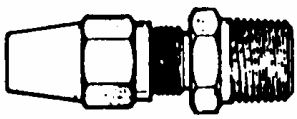


| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 21171 | 3/8 | 1/4 | 5 |
| 21464 | 3/8 | 3/8 | 5 |
| 21465 | 1/2 | 3/8 | 5 |
| 21474 | 5/8 | 1/2 | 5 |

# AIR BRAKE FITTINGS

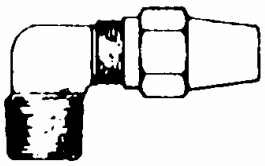
## FOR COPPER TUBING

### MALE CONN



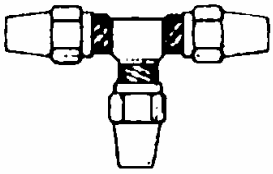
| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 21158 | 1/4 | 1/8 | 5 |
| 38225 | 1/4 | 1/4 | 10 |
| 23009 | 3/8 | 1/8 | 5 |
| 38226 | 3/8 | 1/4 | 10 |
| 20833 | 3/8 | 3/8 | 5 |
| 20836 | 3/8 | 1/2 | 5 |
| 20832 | 1/2 | 1/4 | 5 |
| 20834 | 1/2 | 3/8 | 5 |
| 20837 | 1/2 | 1/2 | 5 |
| 20835 | 5/8 | 3/8 | 5 |
| 20838 | 5/8 | 1/2 | 5 |
| 20839 | 3/4 | 1/2 | 5 |
| 20840 | 3/4 | 3/4 | 5 |

### 90° MALE ELBOW



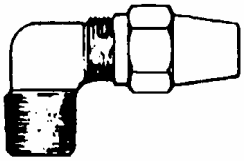
| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 21160 | 1/4 | 1/8 | 5 |
| 23010 | 1/4 | 1/4 | 5 |
| 23011 | 3/8 | 1/8 | 5 |
| 21161 | 3/8 | 1/4 | 10 |
| 20820 | 3/8 | 3/8 | 5 |
| 20823 | 3/8 | 1/2 | 5 |
| 20819 | 1/2 | 1/4 | 5 |
| 20821 | 1/2 | 3/8 | 5 |
| 20824 | 1/2 | 1/2 | 5 |
| 20822 | 5/8 | 3/8 | 5 |
| 20825 | 5/8 | 1/2 | 5 |

### UNION TEE



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20827 | 3/8 | 5 |
| 20826 | 1/2 | 5 |

### 90° MALE ELB - LONG



| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 20818 | 3/8 | 1/4 | 2 |

# NYLON (AIR BRAKE) TUBING

**PARFLEX TUBING:**
Nylon tubing designed for use in tractor, trailer and other mobile air brake, fuel, instrumentation and air accessory systems. Meets SAE J844 Type A or B and performance requirements as specified in SAE J1131.

- 100% quality controlled - 100% pressure tested.
- Saves weight and labor in comparison with copper tubing.
- Heat and light stabilized.

## TYPE A TUBING

Single wall extruded type 11 nylon tubing.

**Temperature Range**: 40°F to +200°F (-40°C to +93°C).

**Maximum Working Pressure**: 150 PSI.

Meets Dot FMVSS 106 (Size 2 not listed in FMVSS 106).

| J&B # | PARKER # | TUBE O.D. | MIN. BEND RADIUS | QTY |
|---|---|---|---|---|
| 50502 | 1120-2A | 1/8 | 3/8 | 100' |
| 50503 | 1120-2.5 | 5/32 | 1/4 | 100' |
| 50504 | 1120-4A | 1/4 | 1 | 100' |
| 50505 | 1120-5A | 5/16 | 1-1/4 | 100' |

## TYPE B REINFORCED TUBING

Seamless extruded nylon 11 core reinforced with one open ply of fiberous reinforcement and a protective nylon 11 cover sheath. The outer cover and core are fused to minimize leakage and maximize impact resistance and are always of contrasting colors.

**Temperature Range**: -40°F to +200°F. (-40°C to 93°C).

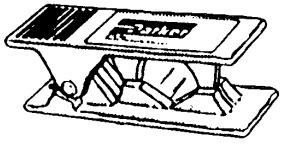
**Maximum Working Pressure**: 150 PSI. Meets Dot FMVSS 106.

| J&B # | PARKER # | TUBE O.D. | MIN. BEND RADIUS | QTY |
|---|---|---|---|---|
| 50506 | 1120-6B | 3/8 | 1-1/2 | 100' |
| ***50529** | 1120-6B | 3/8 | 1-1/2 | 500' |
| ***50531** | 1120-6B | 3/8 | 1-1/2 | 500' |
| 50508 | 1120-8B | 1/2 | 2 | 50' |
| 50510 | 1120-10B | 5/8 | 2-1/2 | 50' |
| 50512 | 1120-12B | 3/4 | 3 | 25' |

*** Cannot break a rolls of 50529 & 50531.**

*** 50531 is red.**

## TUBE CUTTER



| J&B # | TYPE | QTY |
|---|---|---|
| 50500 | Tube Cutter | EA |
| 50501 | Rep. Blade | EA |

# NYLON TUBING

## BLACK NYLON FUEL LINE TUBING

Not D.O.T. Approved for Airbrakes

- For applications requiring low density, lightweight toughness, flexibility and chemical resistance.
- Suitable for pneumatics, gasoline and diesel fuel.
- UV stabilized.
- Hardness = 78 Rockwell R.
- Vacuum rating: To 28” Hg.

**Temperature Range**:
-60 °F to +200°F
(-51°C to +93°C).

**Working Pressure**:

4 to 1 Safety Factor

**Compliance**:

Not D.O.T. approved for airbrakes.
Meets UL94HB

| J&B # | TUBE O.D. | TUBE I.D. | WALL THICKNESS | WP at 75 F | QTY |
|---|---|---|---|---|---|
| 32350 | 1/4” | .170“ | .040” | 265 PSI | 25’ |
| 50516 | 1/4” | .170“ | .040” | 265 PSI | 100' |
| 32351 | 5/16” | .232“ | .040” | 220 PSI | 25’ |
| 50517 | 5/16” | .232“ | .040” | 220 PSI | 100' |
| 50518 | 3/8” | .275“ | .050” | 220 PSI | 100' |
| 32352 | 10 mm | 8 mm | 1 mm | 180 PSI | 25’ |
| 50523 | 10 mm | 8 mm | 1 mm | 180 PSI | 100' |

*Cannot break rolls.

# NTA BRASS FITTINGS

**NTA Advantages:**
Meets D.O.T. FMVSS 571.106 air brake specifications. Utilizes ribbed sleeve for compression and positive grip. Features built-in stainless steel inserts for extra strength in compression.

**No Special Tools Needed:**
You can assemble tubing to NTA fittings, no need to flare. Machined from CA 360, CA 345 or CA 377 brass.

**Specifications:**
Meets functional requirements of the SAE automotive tube fitting standards: SAE J246 and SAE J1131.

**Applications:**
Use with SAE J844 Type A and B nylon tubing in air brake systems or in cab air controls.

**Working Pressure Ranges:**
Up to 150 PSI.

**Temperature Ranges:**
Fittings will withstand variations from -40° to +200 F

## NUT

| J&B # | TUBE SIZE | PARKER # | QTY |
|---|---|---|---|
| 52010 | 1/4 | 61NTA-4 | 25 |
| 52012 | 3/8 | 61NTA-6 | 25 |
| 52014 | 1/2 | 61NTA-8 | 25 |
| 52016 | 5/8 | 61NTA-10 | 10 |
| 52018 | 3/4 | 61NTA-12 | 10 |

## FEMALE CONN

| J&B # | TUBE SIZE | PIPE THRD | PARKER # | QTY |
|---|---|---|---|---|
| 52040 | 1/4 | 1/8 | 66NTA-4-2 | 10 |
| 52042 | 1/4 | 1/4 | 66NTA-4-4 | 10 |
| 52788 | 3/8 | 1/8 | 66NTA-6-2 | 10 |
| 52044 | 3/8 | 1/4 | 66NTA-6-4 | 10 |
| 52046 | 3/8 | 3/8 | 66NTA-6-6 | 10 |

## MALE CONN

| J&B # | TUBE SIZE | PIPE THRD | PARKER # | QTY |
|---|---|---|---|---|
| 52049 | 3/16 | 1/16 | 68NTA-3-1 | 10 |
| 52050 | 1/4 | 1/8 | 68NTA-4-2 | 10 |
| 52052 | 1/4 | 1/4 | 68NTA-4-4 | 10 |
| 52054 | 1/4 | 3/8 | 68NTA-4-6 | 10 |
| 52785 | 3/8 | 1/8 | 68NTA-6-2 | 10 |
| 52056 | 3/8 | 1/4 | 68NTA-6-4 | 10 |
| 52058 | 3/8 | 3/8 | 68NTA-6-6 | 10 |
| 52060 | 3/8 | 1/2 | 68NTA-6-8 | 5 |
| 52062 | 1/2 | 1/4 | 68NTA-8-4 | 5 |
| 52064 | 1/2 | 3/8 | 68NTA-8-6 | 5 |
| 52066 | 1/2 | 1/2 | 68NTA-8-8 | 5 |
| 52157 | 5/8 | 3/8 | 68NTA-10-6 | 5 |
| 52068 | 5/8 | 1/2 | 68NTA-10-8 | 5 |
| 52069 | 3/4 | 1/2 | 68NTA-12-8 | 1 |
| 52120 | 3/4 | 3/4 | 68NTA-12-12 | 1 |

# NTA BRASS FITTINGS

## SLEEVE

| J&B # | TUBE SIZE | PARKER # | QTY |
|---|---|---|---|
| 52000 | 1/4 | 60NTA-4 | 100 |
| 52002 | 3/8 | 60NTA-6 | 100 |
| 52004 | 1/2 | 60NTA-8 | 50 |
| 52006 | 5/8 | 60NTA-10 | 25 |
| 52008 | 3/4 | 60NTA-12 | 25 |

## INSERT

| J&B # | TUBE SIZE | PARKER # | QTY |
|---|---|---|---|
| 52030 | 1/4 | 63NTA-4 | 100 |
| 52032 | 3/8 | 63NTA-6 | 100 |
| 52034 | 1/2 | 63NTA-8 | 50 |
| 52036 | 5/8 | 63NTA-10 | 25 |
| 52038 | 3/4 | 63NTA-12 | 25 |

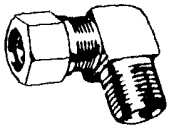
## UNION

| J&B # | TUBE SIZE | PARKER # | QTY |
|---|---|---|---|
| 52020 | 1/4 | 62NTA-4 | 10 |
| 52022 | 3/8 | 62NTA-6 | 10 |
| 52024 | 1/2 | 62NTA-8 | 5 |
| 52026 | 5/8 | 62NTA-10 | 5 |
| 52786 | 3/4 | 62NTA-12 | 1 |

## 45° ELBOW

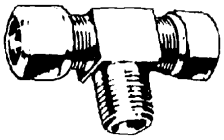
| J&B # | TUBE SIZE | PIPE THRD | PARKER # | QTY |
|---|---|---|---|---|
| 52790 | 1/4 | 1/8 | 279NTA-4-2 | 5 |
| 52110 | 1/4 | 1/4 | 279NTA-4-4 | 5 |
| 52112 | 3/8 | 1/8 | 279NTA-6-2 | 5 |
| 52114 | 3/8 | 1/4 | 279NTA-6-4 | 5 |
| 52116 | 3/8 | 3/8 | 279NTA-6-6 | 5 |
| 59046 | 3/8 | 1/2 | 279NTA-6-8 | 5 |
| 52792 | 1/2 | 1/4 | 279NTA-8-4 | 5 |
| 52118 | 1/2 | 3/8 | 279NTA-8-6 | 5 |
| 52793 | 1/2 | 1/2 | 279NTA-8-8 | 5 |
| 52158 | 5/8 | 3/8 | 279NTA-10-6 | 2 |
| 52791 | 5/8 | 1/2 | 279NTA-10-8 | 1 |
| 52795 | 3/4 | 1/2 | 279NTA-12-8 | 1 |

## MALE ELBOW



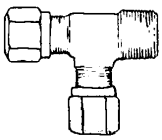
| J&B # | TUBE SIZE | PIPE THRD | PARKER # | QTY |
|---|---|---|---|---|
| 52080 | 1/4 | 1/8 | 269NTA-4-2 | 10 |
| 52082 | 1/4 | 1/4 | 269NTA-4-4 | 10 |
| 52083 | 1/4 | 3/8 | 269NTA-4-6 | 10 |
| 52084 | 3/8 | 1/8 | 269NTA-6-2 | 10 |
| 52086 | 3/8 | 1/4 | 269NTA-6-4 | 10 |
| 52088 | 3/8 | 3/8 | 269NTA-6-6 | 10 |
| 52090 | 3/8 | 1/2 | 269NTA-6-8 | 5 |
| 52095 | 1/2 | 1/4 | 269NTA-8-4 | 5 |
| 52092 | 1/2 | 3/8 | 269NTA-8-6 | 5 |
| 52094 | 1/2 | 1/2 | 269NTA-8-8 | 5 |
| 52159 | 5/8 | 3/8 | 269NTA-10-6 | 5 |
| 52096 | 5/8 | 1/2 | 269NTA-10-8 | 5 |
| 52097 | 3/4 | 1/2 | 269NTA-12-8 | 1 |

## MALE BRANCH TEE



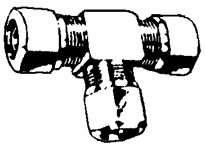
| J&B # | TUBE SIZE | PIPE THRD | PARKER # | QTY |
|---|---|---|---|---|
| 52102 | 1/4 | 1/8 | 272NTA-4-2 | 5 |
| 52104 | 1/4 | 1/4 | 272NTA-4-4 | 5 |
| 52115 | 3/8 | 1/8 | 272NTA-6-2 | 5 |
| 52106 | 3/8 | 1/4 | 272NTA-6-4 | 5 |
| 52108 | 3/8 | 3/8 | 272NTA-6-6 | 5 |
| 52122 | 1/2 | 3/8 | 272NTA-8-6 | 5 |

## MALE RUN TEE



| J&B # | TUBE SIZE | PIPE THRD | PARKER # | QTY |
|---|---|---|---|---|
| 42156 | 3/8 | 1/4 | 271NTA-6-4 | 1 |
| 52796 | 3/8 | 3/8 | 271NTA-6-6 | 1 |

## UNION TEE



| J&B # | TUBE SIZE | PARKER # | QTY |
|---|---|---|---|
| 52070 | 1/4 | 264NTA-4 | 5 |
| 52072 | 3/8 | 264NTA-6 | 5 |
| 52794 | 1/2 | 264NTA-8 | 1 |

# NTA BRASS FITTINGS

## SLEEVE

| J&B # | BASE# | TUBE SIZE | QTY |
|---|---|---|---|
| 59031 | 52000 | 1/4 | 100 |
| 59010 | 52002 | 3/8 | 100 |
| 59011 | 52004 | 1/2 | 100 |

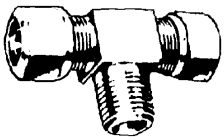
## NUT

| J&B # | BASE# | TUBE SIZE | QTY |
|---|---|---|---|
| 59032 | 52010 | 1/4 | 25 |
| 59009 | 52012 | 3/8 | 25 |
| 59033 | 52014 | 1/2 | 25 |

## UNION

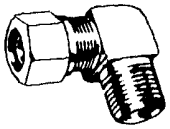
| J&B # | BASE# | TUBE SIZE | QTY |
|---|---|---|---|
| 59034 | 52020 | 1/4 | 10 |
| 59012 | 52022 | 3/8 | 10 |
| 59013 | 52024 | 1/2 | 10 |

## MALE BRANCH TEE



| J&B # | BASE# | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|---|
| 58020 | 52106 | 3/8 | 1/4 | 10 |
| 59044 | 52108 | 3/8 | 3/8 | 10 |
| 59028 | 52122 | 1/2 | 3/8 | 5 |

## MALE ELBOW



| J&B # | BASE# | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|---|
| 59035 | 52080 | 1/4 | 1/8 | 10 |
| 59036 | 52082 | 1/4 | 1/4 | 10 |
| 59019 | 52086 | 3/8 | 1/4 | 10 |
| 59020 | 52088 | 3/8 | 3/8 | 10 |
| 58024 | 52092 | 1/2 | 3/8 | 10 |
| 59038 | 52094 | 1/2 | 1/2 | 10 |

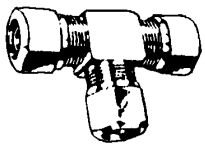
## 45° ELBOW

| J&B # | BASE# | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|---|
| 59039 | 52110 | 1/4 | 1/4 | 10 |
| 59021 | 52114 | 3/8 | 1/4 | 10 |
| 59022 | 52116 | 3/8 | 3/8 | 10 |
| 59023 | 52792 | 1/2 | 1/4 | 5 |
| 59024 | 52118 | 1/2 | 3/8 | 10 |

## MALE CONN

| J&B # | BASE# | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|---|
| 59040 | 52050 | 1/4 | 1/8 | 10 |
| 59041 | 52052 | 1/4 | 1/4 | 10 |
| 59014 | 52056 | 3/8 | 1/4 | 10 |
| 59015 | 52058 | 3/8 | 3/8 | 10 |
| 59016 | 52060 | 3/8 | 1/2 | 10 |
| 59017 | 52062 | 1/2 | 1/4 | 10 |
| 59018 | 52064 | 1/2 | 3/8 | 10 |
| 59042 | 52066 | 1/2 | 1/2 | 10 |

## UNION TEE



| J&B # | BASE# | TUBE SIZE | QTY |
|---|---|---|---|
| 59043 | 52070 | 1/4 | 5 |

# PRESTOLOK FITTINGS

**Advantages:**

- Compact one piece brass fitting for use with polyethylene, nylon or soft metal tubing.
- This fitting is specially designed for low pressure circuits where fast assembly, disassembly and reassembly is important.
- No special tools are needed for assembly; just insert the tubing into the fitting until it bottoms.
- Radial claws on the metal grab ring grip the tubing securely to provide retention.
- Prestolok can be assembled and disassembled repeatedly without impairing its ability to seal.

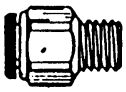
**Applications:**

Prestolok is designed to conduct air, water, oil and inert gases. Prestolok is ideal for use in pneumatic instrumentation circuits and many industrial applications. All applications should be carefully tested through the range of conditions which may be encountered prior to use.

**Working Pressure and Temperature Ranges:**

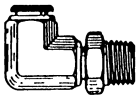
Zero to 150°F at up to 285 psi. Vacuum applications are dependent upon temperature and type of tubing being used.

## MALE CONNECTOR



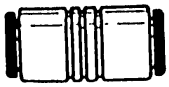
| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54523 | 5/32 | 1/16 | 10 |
| 52762 | 1/8 | 1/16 | 10 |
| 54520 | 1/8 | 1/8 | 10 |
| 54522 | 5/32 | 1/8 | 10 |
| 54574 | 1/4 | 1/8 | 10 |
| 54575 | 1/4 | 1/4 | 10 |
| 54521 | 5/16 | 1/4 | 10 |
| 54576 | 3/8 | 1/8 | 10 |
| 54585 | 3/8 | 1/4 | 10 |

## MALE ELBOW SWIVEL 90°



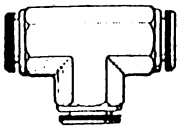
| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54540 | 1/8 | 1/8 | 10 |
| 54542 | 5/32 | 1/8 | 10 |
| 54577 | 1/4 | 1/8 | 10 |
| 54578 | 1/4 | 1/4 | 10 |
| 54579 | 3/8 | 1/8 | 10 |
| 54583 | 3/8 | 1/4 | 10 |

## UNION



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54500 | 1/8 | 10 |
| 54502 | 5/32 | 10 |
| 54580 | 1/4 | 10 |
| 54503 | 5/16 | 10 |
| 54584 | 3/8 | 10 |

## UNION TEE



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54560 | 1/8 | 10 |
| 54562 | 5/32 | 10 |
| 54582 | 1/4 | 10 |

# PRESTOMATIC FITTINGS

## AIR BRAKE PUSH-IN FITTINGS

**Advantages:**

- Sizes 5/32" and above meet D.O.T. FMVSS 571.106 air brake performance specifications
- No special tools are needed to assemble. Just bottom the tubing in the fitting body for a positive seal.
- Stainless steel tube support in sizes 1/4" and above assures maximum flow and performance requirements of SAE J1131.
- Lubricated o-ring seal (Buna N) insures a quick, easy and positive seal.
- Innovative collet design insures positive grip on tubing.
- Release button offers quick and easy disconnections.

**Applications:**

- Designed for all D.O.T. truck and trailer applications.
- Consult the factory with any questions regarding special product applications.

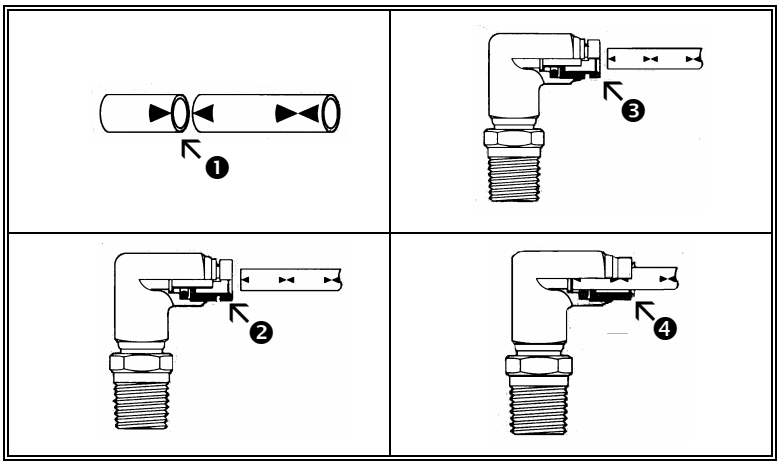
**Technical Data:**

- Working pressure from 27in. Hg vacuum to 250 psi.
- Working temperature from -40°F to +200°F.

---

**ASSEMBLY INSTRUCTIONS:**

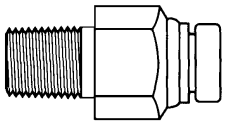
1. Cut Parker Parflex J844 tubing squarely with Parker tube cutter PTC-001. Be certain the port or mating part is clean and free of debris.
2. Insert tubing into fitting until it bottoms. Pull on tubing to verify it is properly retained in the fitting.
3. To disassemble, simply hold release button against the body and remove tubing.
4. To reassemble, lubricate leading end of the tubing with light oil or petroleum jelly.



# PRESTOMATIC FITTINGS

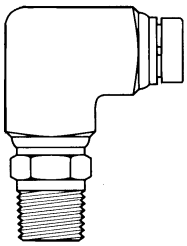
## AIR BRAKE PUSH-IN FITTINGS

### MALE CONNECTOR



| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54524 | 1/4 | 1/8 | 10 |
| 54526 | 1/4 | 1/4 | 10 |
| 54532 | 3/8 | 1/4 | 10 |
| 54533 | 3/8 | 3/8 | 10 |
| 54536 | 1/2 | 3/8 | 5 |

### MALE ELBOW SWIVEL 90°

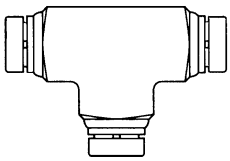


| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54543 | 1/4 | 1/8 | 5 |
| 54544 | 1/4 | 1/4 | 5 |
| 54550 | 3/8 | 1/4 | 5 |
| 54551 | 3/8 | 3/8 | 5 |

### UNION

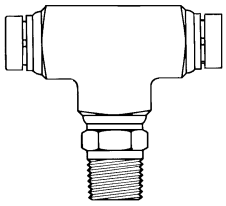
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54504 | 1/4 | 10 |
| 54506 | 3/8 | 10 |
| 54508 | 1/2 | 5 |

### UNION TEE



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54564 | 1/4 | 5 |
| 54566 | 3/8 | 5 |

### MALE BRANCH TEE SWIVEL



| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54572 | 1/4 | 1/8 | 5 |

### PLUG

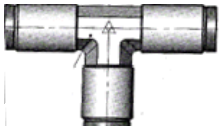
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54887 | 1/4 | 10 |
| 54888 | 3/8 | 10 |
| 54883 | 1/2 | 10 |

# PRESS TO CONNECT FITTINGS

## UNION

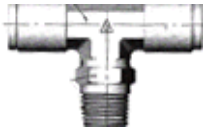
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54800 | 1/8 | 10 |
| 54801 | 5/32 | 10 |

## UNION TEE



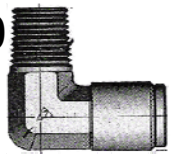
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54802 | 1/8 | 5 |
| 54803 | 5/32 | 5 |

## MALE BRANCH TEE SWIVEL



| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54809 | 1/8 | 1/8 | 2 |

## MALE ELBOW 90

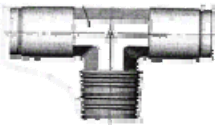


| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54821 | 5/32 | 1/8 | 10 |

## MALE CONNECTOR

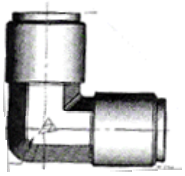
| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54813 | 1/8 | 1/16 | 10 |
| 54814 | 1/8 | 1/8 | 10 |
| 54815 | 5/32 | 10/32 | 10 |
| 54816 | 5/32 | 1/8 | 10 |

## MALE BRANCH TEE



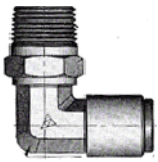
| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54807 | 5/32 | 1/8 | 5 |

## UNION ELBOW 90



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54804 | 1/8 | 5 |
| 54805 | 5/32 | 5 |

## MALE ELBOW SWIVEL 90

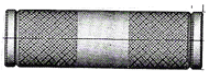


| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54822 | 1/8 | 1/8 | 10 |
| 54823 | 5/32 | 1/8 | 10 |

# PRESS TO CONNECT FITTINGS

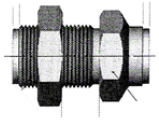
## DOT APPROVED

### UNION



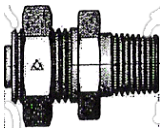
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54819 | 3/16 | 5 |
| 54825 | 1/4 | 5 |
| 54826 | 3/8 | 5 |
| 54827 | 1/2 | 2 |
| 54828 | 5/8 | 2 |
| 54891 | 3/4 | 2 |

### BULKHEAD UNION



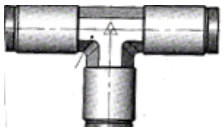
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54880 | 1/4 | 2 |
| 54881 | 3/8 | 2 |
| 54882 | 1/2 | 2 |

### GLADHAND BULKHEAD CONNECTOR



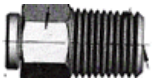
| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54884 | 1/2 | 1/2 | 1 |

### UNION TEE



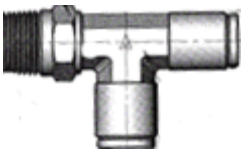
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54830 | 1/4 | 2 |
| 54831 | 3/8 | 2 |
| 54832 | 1/2 | 2 |
| 54878 | 5/8 | 2 |

### MALE CONNECTOR



| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54834 | 1/4 | 1/8 | 10 |
| 54835 | 1/4 | 1/4 | 10 |
| 54889 | 1/4 | 3/8 | 5 |
| 54837 | 3/8 | 1/8 | 10 |
| 54838 | 3/8 | 1/4 | 10 |
| 54839 | 3/8 | 3/8 | 10 |
| 54892 | 3/8 | 1/2 | 5 |
| 54841 | 1/2 | 1/4 | 5 |
| 54842 | 1/2 | 3/8 | 5 |
| 54843 | 1/2 | 1/2 | 5 |
| 54833 | 5/8 | 3/8 | 2 |
| 54845 | 5/8 | 1/2 | 2 |
| 54893 | 3/4 | 1/2 | 2 |

### MALE RUN TEE SWIVEL 90



| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54869 | 3/8 | 1/4 | 2 |
| 54870 | 3/8 | 3/8 | 2 |

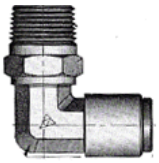
### MALE BRANCH TEE SWIVEL

| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54872 | 1/4 | 1/8 | 2 |
| 54873 | 1/4 | 1/4 | 2 |
| 54899 | 3/8 | 1/8 | 2 |
| 54875 | 3/8 | 1/4 | 2 |
| 54879 | 3/8 | 3/8 | 2 |
| 54876 | 1/2 | 1/4 | 2 |
| 54877 | 1/2 | 3/8 | 2 |

# PRESS TO CONNECT FITTINGS

## DOT APPROVED

### MALE ELBOW SWIVEL 90

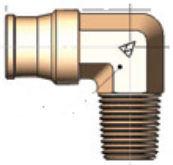


| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54846 | 1/4 | 1/8 | 5 |
| 54847 | 1/4 | 1/4 | 5 |
| 54898 | 1/4 | 3/8 | 2 |
| 54849 | 3/8 | 1/8 | 2 |
| 54850 | 3/8 | 1/4 | 2 |
| 54851 | 3/8 | 3/8 | 2 |
| 54852 | 3/8 | 1/2 | 2 |
| 54886 | 1/2 | 1/4 | 2 |
| 54854 | 1/2 | 3/8 | 2 |
| 54856 | 1/2 | 1/2 | 2 |
| 54836 | 5/8 | 3/8 | 2 |
| 54858 | 5/8 | 1/2 | 2 |
| 54895 | 3/4 | 1/2 | 2 |

### MALE ELBOW SWIVEL 45

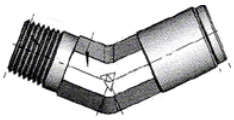
| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54920 | 1/4 | 1/8 | 5 |
| 54921 | 1/4 | 1/4 | 5 |
| 54900 | 3/8 | 1/8 | 2 |
| 54924 | 3/8 | 1/4 | 2 |
| 54925 | 3/8 | 3/8 | 2 |
| 54930 | 1/2 | 1/4 | 2 |
| 54928 | 1/2 | 3/8 | 2 |
| 54929 | 1/2 | 1/2 | 2 |
| 54931 | 5/8 | 1/2 | 2 |

### MALE ELBOW 90



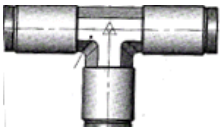
| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54901 | 1/4 | 1/8 | 5 |
| 54902 | 1/4 | 1/4 | 5 |
| 54905 | 3/8 | 1/4 | 2 |
| 54906 | 3/8 | 3/8 | 2 |
| 54909 | 1/2 | 3/8 | 2 |
| 54910 | 1/2 | 1/2 | 2 |
| 54912 | 5/8 | 1/2 | 2 |

### MALE ELBOW 45



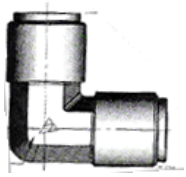
| J&B # | TUBE SIZE | PIPE SIZE | QTY |
|---|---|---|---|
| 54859 | 1/4 | 1/8 | 5 |
| 54860 | 1/4 | 1/4 | 5 |
| 54861 | 3/8 | 1/8 | 5 |
| 54862 | 3/8 | 1/4 | 5 |
| 54863 | 3/8 | 3/8 | 5 |
| 54866 | 1/2 | 3/8 | 2 |
| 54896 | 1/2 | 1/2 | 2 |
| 54867 | 5/8 | 3/8 | 2 |
| 54885 | 5/8 | 1/2 | 2 |
| 54897 | 3/4 | 1/2 | 2 |

### UNION TEE



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| V54890 | 1/4 x 1/4 x 3/8 | 10 |

### UNION ELBOW 90



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 54810 | 1/4 | 2 |
| 54811 | 3/8 | 2 |
| 54812 | 1/2 | 2 |

# JOHN GUEST FITTINGS

## THE PI RANGE OF INCH–SIZE FITTINGS

- Manufactured in gray acetyl copolymer with food grade nitride o-ring, making them Especially suitable for applications involving foodstuff and potable liquids.
- They are equally suitable for air and inert gasses and can therefore be used on CO2 lines, pneumatic applications and vacuum.

### MALE CONNECTOR

| J&B # | TUBE SIZE | NPTF THREAD | QTY |
|---|---|---|---|
| PI010821S | 1/4 | 1/8 | 10 |
| PI010822S | 1/4 | 1/4 | 10 |
| PI010823S | 1/4 | 3/8 | 10 |
| PI011221S | 3/8 | 1/8 | 10 |
| PI011222S | 3/8 | 1/4 | 10 |
| PI011223S | 3/8 | 3/8 | 10 |

### STEM ADAPTER

| J&B # | TUBE SIZE | NPTF THREAD | QTY |
|---|---|---|---|
| PI050821S | 1/4 | 1/8 | 10 |
| PI050822S | 1/4 | 1/4 | 10 |
| PI051222S | 3/8 | 1/4 | 10 |
| PI051223S | 3/8 | 3/8 | 10 |

### UNION

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| PI0408S | 1/4 | 10 |
| PI0412S | 3/8 | 10 |

### SWIVEL ELBOW

| J&B # | TUBE SIZE | NPTF THREAD | QTY |
|---|---|---|---|
| PI090822S | 1/4 | 1/4 | 10 |
| PI091222S | 3/8 | 1/4 | 10 |

### UNION ELBOW

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| PI0308S | 1/4 | 10 |
| PI0312S | 3/8 | 10 |

### UNION TEE

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| PI0208S | 1/4 | 10 |
| PI0212S | 3/8 | 10 |

# AIR BRAKE HOSE

## LOW PRESSURE

**AIR BRAKE HOSE CAN BE USED WITH THE AIR BRAKE FITTINGS ON PAGE 679.**

**Application:**
Air Brake Hose Lines

- Designed for conveying air in truck and industrial trailer brake systems.
- This hose is certified to meet SAE J1402A and D.O.T. FMVSS 106 requirements.
- Temperature resistance -40F to +200F. Cover = EPDM, RMA Class C.
- The synthetic oil resistant tube & cover with a four spiral polyester reinforcement makes it virtually kink-proof and keeps it flexible even in extreme temperatures.

**Construction:**
- *Outer Cover -* Synthetic compound; resistant to oil, grease, abrasion, ozone and sunlight.
- *Reinforcement -* Duct piles of synthetic fiber.
- *Inner Tube -* Synthetic compound, resistant to gasoline, grease and other petroleum products, common hydraulic fluid, air and water.

| J&B # | HOSE O.D. | HOSE I.D. | QTY |
|---|---|---|---|
| * 38684 | 3/4" | 3/8" | 50 FT. |
| * 38685 | 7/8” | 1/2” | 50 FT. |

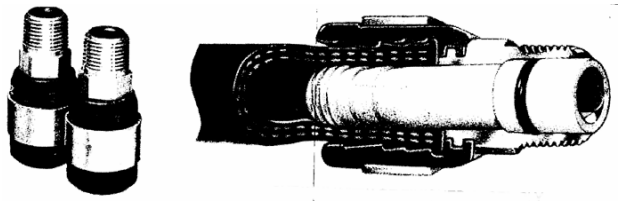
*** No broken boxes**

# REUSABLE HOSE ENDS-AIR BRAKE

## AIR BRAKE HOSE END KITS

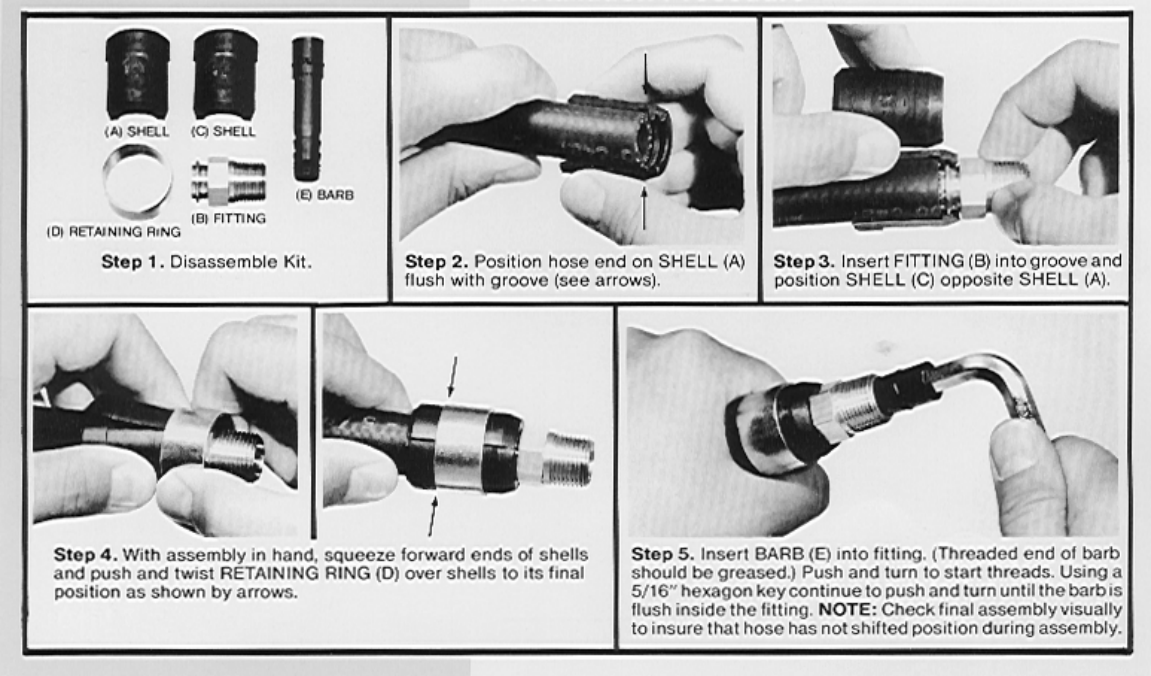
- Meets the requirements of DOT 106 and SAE J1402
- Swivel Ends reduce residdual torque in hose for longer life – No need to disconnect both ends to service the brake system.
- Components in contact with the air are made of corrosion resistant brass and nylon to improve air system life.

**Kit**



| J&B # | DESCRIPTION | HOSE SIZE | PIPE THREAD | QTY |
|---|---|---|---|---|
| 31402 | Two End Fittings Per Kit | 3/8 | 3/8 | 1 |
| 31403 | Two End Fittings Per Kit | 3/8 | 1/2 | 1 |

*** Kits not available for 1/2 I.D. hose.**



# REUSABLE HOSE ENDS-AIR BRAKE

**Advantages:**
Easy to assemble and disassemble. Extruded from CA360 or CA345 brass. Sleeves are made from CA274 brass.

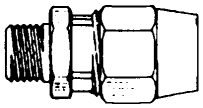
**Specifications:**
Air brake hose ends will meet D.O.T. FMVSS571.106 standards when used with SAE J1402 air brake hose.

**Working Pressure Ranges:**
Up to 125 PSI.

**Applications:**
Air brake hose connections.

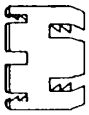
**Temperature Ranges:**
-40°F to +120°F.

## CONNECTOR



| J&B # | HOSE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 20842 | 3/8 | 1/4 | 5 |
| 21517 | 3/8 | 3/8 | 5 |
| 20843 | 3/8 | 1/2 | 5 |
| 20854 | 1/2 | 3/8 | 5 |
| 20855 | 1/2 | 1/2 | 5 |

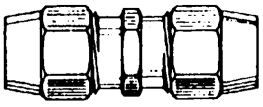
## SLEEVE



| J&B # | HOSE SIZE | QTY |
|---|---|---|
| 20841 | 3/8 | 10 |
| 20850 | 1/2 | 10 |

* **SLEEVES SHOULD NEVER BE REUSED**

## HOSE UNION



| J&B # | HOSE SIZE | QTY |
|---|---|---|
| 20809 | 3/8 | 5 |
| 22197 | 1/2 | 2 |

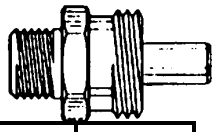
## CONNECTOR W/SPRING GUARD

| J&B # | HOSE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 20845 | 3/8 | 1/4 | 6 |
| 21498 | 3/8 | 3/8 | 6 |
| 20846 | 3/8 | 1/2 | 6 |
| 40871 | 1/2 | 3/8 | 6 |
| 46446 | 1/2 | 1/2 | 6 |

## NUT

| J&B # | HOSE SIZE | QTY |
|---|---|---|
| 20844 | 3/8 | 5 |
| 20852 | 1/2 | 5 |

## INSERT



| J&B # | HOSE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 21482 | 3/8 | 1/4 | 5 |
| 21483 | 3/8 | 3/8 | 5 |
| 21530 | 3/8 | 1/2 | 5 |

## ADAPTER BODY

| J&B # | SPECIAL THREAD | MALE PIPE | QTY |
|---|---|---|---|
| 20847 | 3/4-20 | 3/8 | 5 |
| 20848 | 7/8-20 | 3/8 | 5 |

# REUSABLE HOSE ENDS-AIR BRAKE

**Advantages:**
Easy to assemble and disassemble. Extruded from CA360 or CA345 brass. Sleeves are made from CA274 brass.

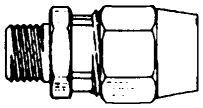
**Specifications:**
Air brake hose ends will meet D.O.T. FMVSS571.106 standards when used with SAE J1402 air brake hose.

**Working Pressure Ranges:**
Up to 125 PSI.

**Applications:**
Air brake hose connections.

**Temperature Ranges:**
-40°F to +120°F.

## CONNECTOR



| J&B # | BASE# | HOSE SIZE | PIPE THRD | QTY |
|---|---|---|---|---|
| 58030 | 20842 | 3/8 | 1/4 | 5 |
| 60048 | 21517 | 3/8 | 3/8 | 5 |
| 58031 | 20843 | 3/8 | 1/2 | 5 |
| 58032 | 20854 | 1/2 | 3/8 | 5 |
| 58033 | 20855 | 1/2 | 1/2 | 5 |

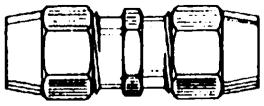
## CONNECTOR
### W/SPRING GUARD

| J&B # | BASE# | HOSE SIZE | PIPE THRD | QTY |
|---|---|---|---|---|
| 46028 | 21498 | 3/8 | 3/8 | 6 |

## NUT

| J&B # | BASE# | HOSE SIZE | QTY |
|---|---|---|---|
| 58036 | 20844 | 3/8 | 5 |

## HOSE UNION



| J&B # | BASE# | HOSE SIZE | QTY |
|---|---|---|---|
| 58040 | 20809 | 3/8 | 5 |

# SAE 45° FLARE BRASS FITTINGS

**Advantages:**
This economical fitting resists mechanical pullout. Can be assembled and disassembled repeatedly. Manufactured from CA 360, CA 345 or CA 377 brass.

**Specifications:**
Listed with Underwriter's Laboratories for flammable liquid, marine, refrigeration and gas applications. Meets functional requirements of SAE, ASA, ASME and MS (Military Standards).

**Applications:**
Use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared. Manufactured especially for hard-to-hold liquids and gases.

**Working Pressure Ranges:**
Temperature and type of tubing used are important factors. However, the following table is a good guide for proper selection. Temperature 73°F with copper tubing:

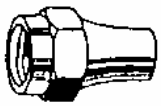
| PSI | TUBE O.D. (in.) |
|---|---|
| 2800 | 1/8 |
| 1900 | 3/16 |
| 1400 | 1/4 |
| 1200 | 5/16 |

| PSI | TUBE O.D. (in.) |
|---|---|
| 1000 | 3/8 |
| 750 | 1/2 |
| 650 | 5/8 |
| 550 | 3/4 |

**Temperature Ranges:**
From -65° to +250°F.

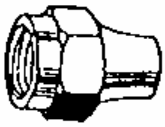
**Vibration:**
Short nut may be used when vibration is minimal. The long nut offers additional vibration capacity.

## LONG NUT



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20330 | 3/16 | 10 |
| 20331 | 1/4 | 10 |
| 20332 | 5/16 | 10 |
| 20333 | 3/8 | 10 |
| 21452 | 1/2 | 5 |
| 21453 | 5/8 | 1 |

## SHORT NUT



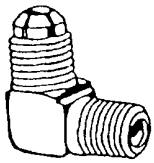
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20334 | 1/8 | 10 |
| 20335 | 3/16 | 10 |
| 20336 | 1/4 | 10 |
| 20337 | 5/16 | 5 |
| 20338 | 3/8 | 5 |
| 21454 | 1/2 | 5 |
| 21455 | 5/8 | 5 |
| 21456 | 3/4 | 5 |

# SAE 45° FLARE BRASS FITTINGS

## MALE CONN

| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 20344 | 1/8 | 1/8 | 10 |
| 20345 | 3/16 | 1/8 | 10 |
| 20346 | 1/4 | 1/8 | 10 |
| 20347 | 1/4 | 1/4 | 10 |
| 20348 | 5/16 | 1/8 | 10 |
| 20349 | 5/16 | 1/4 | 10 |
| 20351 | 3/8 | 1/8 | 5 |
| 20350 | 3/8 | 1/4 | 10 |
| 20352 | 3/8 | 3/8 | 5 |
| 22091 | 3/8 | 1/2 | 5 |
| 22092 | 1/2 | 1/4 | 5 |
| 22093 | 1/2 | 3/8 | 5 |
| 22094 | 1/2 | 1/2 | 5 |
| 22095 | 5/8 | 3/8 | 2 |
| 22096 | 5/8 | 1/2 | 2 |
| 22099 | 5/8 | 3/4 | 2 |
| 22097 | 3/4 | 1/2 | 1 |
| 22098 | 3/4 | 3/4 | 1 |

## MALE ELBOW



| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 20354 | 3/16 | 1/8 | 5 |
| 20355 | 1/4 | 1/8 | 10 |
| 20356 | 1/4 | 1/4 | 5 |
| 20357 | 5/16 | 1/8 | 10 |
| 20358 | 5/16 | 1/4 | 10 |
| 20360 | 3/8 | 1/8 | 5 |
| 20359 | 3/8 | 1/4 | 10 |
| 20361 | 3/8 | 3/8 | 5 |
| 22100 | 3/8 | 1/2 | 5 |
| 22101 | 1/2 | 1/4 | 5 |
| 22102 | 1/2 | 3/8 | 5 |
| 22103 | 1/2 | 1/2 | 5 |
| 22104 | 5/8 | 3/8 | 2 |
| 22088 | 5/8 | 1/2 | 2 |
| 22089 | 3/4 | 1/2 | 1 |
| 22090 | 3/4 | 3/4 | 1 |

## FEMALE CONN

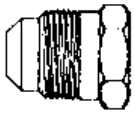
| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 22105 | 3/16 | 1/8 | 5 |
| 22106 | 1/4 | 1/4 | 5 |
| 22107 | 5/16 | 1/8 | 5 |
| 22110 | 3/8 | 1/8 | 5 |
| 22108 | 3/8 | 1/4 | 5 |
| 22109 | 1/2 | 3/8 | 5 |

## SAE UNION

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20339 | 1/8 | 5 |
| 20340 | 3/16 | 5 |
| 20341 | 1/4 | 5 |
| 20342 | 5/16 | 5 |
| 20343 | 3/8 | 5 |
| 22085 | 1/2 | 2 |
| 22086 | 5/8 | 2 |
| 22087 | 3/4 | 1 |

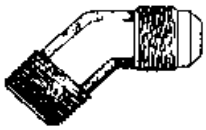
# SAE 45° FLARE BRASS FITTINGS

## FLARED SEAL PLUG



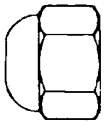
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 52651 | 1/4 | 5 |
| 52652 | 5/16 | 5 |
| 52653 | 3/8 | 5 |
| 52654 | 1/2 | 5 |
| 52655 | 5/8 | 2 |

## 45° ELBOW



| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 52642 | 1/4 | 1/8 | 5 |
| 52643 | 1/4 | 1/4 | 5 |
| 52644 | 5/16 | 1/4 | 5 |
| 52645 | 3/8 | 1/4 | 5 |
| 52648 | 3/8 | 3/8 | 5 |
| 52646 | 1/2 | 3/8 | 5 |
| 52647 | 5/8 | 3/8 | 5 |
| 52649 | 5/8 | 1/2 | 2 |

## CAP NUT



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 52656 | 3/16 | 5 |
| 52657 | 1/4 | 5 |
| 52658 | 5/16 | 5 |
| 52659 | 3/8 | 5 |
| 52660 | 1/2 | 5 |
| 52661 | 5/8 | 2 |
| 52664 | 3/4 | 2 |

## MALE BRANCH TEE

| J&B # | TUBE SIZE | PIPE THREAD | QTY |
|---|---|---|---|
| 20373 | 3/16 | 1/8 | 5 |
| 20374 | 1/4 | 1/8 | 5 |
| 20375 | 5/16 | 1/8 | 5 |
| 20376 | 3/8 | 1/4 | 5 |

# INVERTED FLARE BRASS FITTINGS

**Advantages:**
Built to resist mechanical pullout. This economical fitting can be assembled and disassembled repeatedly. Manufactured from CA 360 or CA 345 brass.

**Specifications:**
Listed with Underwriter's Laboratories for flammable liquid and gas. Meets functional requirements of SAE, J512, ASA, ASME and MS (Military Standards).

**Applications:**
Use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared. Manufactured especially for hard-to-hold liquids and gases.

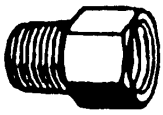
**Working Pressure Ranges:**
Temperature and type of tubing used are important factors. However, the following table is a good guide for proper selection. Temperature 73°F with copper tubing:

| PSI | TUBE O.D. (in.) | TUBE WALL (in.) |
|---|---|---|
| 2800 | 1/8 | .030 |
| 1900 | 3/16 | .030 |
| 1400 | 1/4 | .030 |
| 1200 | 5/16 | .032 |

| PSI | TUBE O.D. (in.) | TUBE WALL (in.) |
|---|---|---|
| 1000 | 3/8 | .032 |
| 750 | 1/2 | .032 |
| 650 | 5/8 | .035 |
| 550 | 3/4 | .035 |

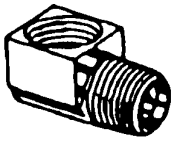
**Temperature Ranges:**
From -65° to +250°F.

## MALE CONN



| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 20382 | 1/8 | 1/8 | 10 |
| 20383 | 3/16 | 1/8 | 10 |
| 20384 | 1/4 | 1/8 | 10 |
| 21423 | 1/4 | 1/4 | 10 |
| 20385 | 5/16 | 1/8 | 10 |
| 21424 | 5/16 | 1/4 | 10 |
| 20386 | 3/8 | 1/8 | 5 |
| 20387 | 3/8 | 1/4 | 10 |
| 20388 | 3/8 | 3/8 | 5 |
| 21401 | 1/2 | 1/4 | 5 |
| 21425 | 1/2 | 3/8 | 5 |
| 21426 | 5/8 | 1/2 | 1 |

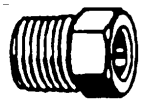
## MALE ELBOW



| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 20390 | 3/16 | 1/8 | 10 |
| 20391 | 1/4 | 1/8 | 10 |
| 20393 | 1/4 | 1/4 | 5 |
| 20392 | 5/16 | 1/8 | 10 |
| 20394 | 5/16 | 1/4 | 10 |
| 20395 | 3/8 | 1/8 | 5 |
| 20396 | 3/8 | 1/4 | 10 |
| 20397 | 3/8 | 3/8 | 5 |
| 21432 | 1/2 | 3/8 | 5 |

# INVERTED FLARE BRASS FITTINGS

## STEEL TUBE NUT



| J&B # | TUBE SIZE | THREAD | QTY |
|---|---|---|---|
| 20377 | 1/8 | | 20 |
| 20378 | 3/16 | 3/8-24 | 20 |
| 42377 | 3/16 | 3/8-24 | 10 |
| *(42377 IS VIOLET & HAS A 7/16" HEX)* | | | |
| 20379 | 1/4 | 7/16-24 | 20 |
| 20380 | 5/16 | 1/2-20 | 20 |
| 20381 | 3/8 | 5/8-18 | 10 |
| 21420 | 1/2 | 3/4-18 | 10 |
| 21421 | 5/8 | | 10 |

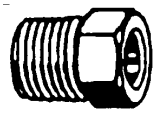
## 45° ELBOW

| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 20403 | 3/16 | 1/8 | 5 |
| 20404 | 1/4 | 1/8 | 10 |
| 20405 | 5/16 | 1/8 | 10 |
| 20407 | 3/8 | 1/4 | 5 |
| 21431 | 1/2 | 3/8 | 5 |

## LONG STEEL TUBE NUT

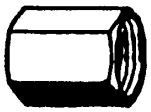
| J&B # | TUBE SIZE | THREAD | QTY |
|---|---|---|---|
| 42378 | 3/16 | 3/8-24 | 10 |
| 42379 | 1/4 | 7/16-24 | 10 |

## BRASS TUBE NUT



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20445 | 3/16 | 10 |
| 20446 | 1/4 | 10 |

## UNION



| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 20398 | 1/8 | 5 |
| 20399 | 3/16 | 10 |
| 20400 | 1/4 | 10 |
| 20401 | 5/16 | 10 |
| 20402 | 3/8 | 5 |
| 21422 | 1/2 | 5 |

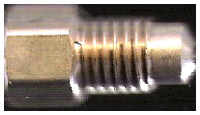
## PLUG STEEL INVERTED FLARE

| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 42345 | 3/16 | 10 |
| 42346 | 1/4 | 10 |
| 42347 | 5/16 | 10 |
| 42348 | 3/8 | 5 |

# INVERTED FLARE BRASS FITTINGS

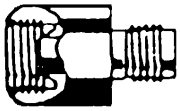
## METRIC CONVERSION ADAPTERS

| J&B # | FEMALE TUBE SIZE | MALE THREAD | STYLE | QTY |
|---|---|---|---|---|
| 40380 | 3/16 | M10 x 1.0 | BUBBLE | 5 |
| 40381 | 3/16 | M10 x 1.0 | INVERT | 5 |
| 40386 | 3/16 | M11 x 1.5 | BUBBLE | 1 |
| 40387 | 3/16 | M12 x 1.0 | BUBBLE | 1 |
| 40388 | 3/16 | M13 x 1.5 | BUBBLE | 1 |



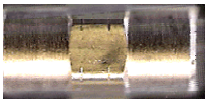
## CONVERSION INVERTED FLARE ADAPTERS (MASTER CYLINDER)

| J&B # | FEMALE INV. FLARE TUBE | MALE INV. FLARE TUBE | MALE THREAD | QTY |
|---|---|---|---|---|
| 40370 | 3/16 | 1/4 | 7/16-24 | 5 |
| 40371 | 3/16 | 5/16 | 1/2-20 | 5 |
| 40375 | 3/16 | 3/8 | 9/16-18 | 5 |
| 40372 | 1/4 | 3/16 | 3/8-24 | 5 |
| 40374 | 1/4 | 5/16 | 1/2-20 | 5 |
| 40378 | 1/4 | 3/8 | 9/16-18 | 5 |



## HI-FLOW / HEAVY WALL FLARE UNIONS

| J&B # | TUBE SIZE | THREAD | STYLE | QTY |
|---|---|---|---|---|
| 40384 | 3/16 | M10 X 1.00 | BUBBLE | 1 |
| 40385 | 3/16 | M10 X 1.00 | FLARE | 1 |



# INVERTED FLARE BRASS FITTINGS

## METRIC & IMPERIAL BUBBLE FLARE TUBE NUTS

| J&B # | FMSI | TUBE SIZE | THREAD | HEX | COLOR | STYLE | QTY |
|---|---|---|---|---|---|---|---|
| 42381 | 3410 | 3/16 | 3/8-24 | 7/16 | VIOLET | US/BRITISH | 5 |
| 40382 | 3028 | 3/16 | M10 x 1.0 | M12 | OLIVE | EURO/DOMESTIC | 5 |
| 42358 | 3411 | 3/16 | M10 x 1.0 | M11 | GOLD | LONG | 5 |
| 42382 | 3414 | 3/16 | M10 x 1.0 | M11 | VIOLET | VW/AUDI | 5 |
| 42369 | 3420 | 3/16 | M10 x 1.0 | M13 | GOLD | FORD | 5 |
| 42383 | 3463 | 3/16 | M10 x 1.0 | M11 | GREY | EURO/DOM | 5 |
| 42384 | 3470 | 3/16 | M10 x 1.25 | M11 | GREY | EURO/DOM | 5 |
| 42386 | 3492 | 3/16 | M10 x 1.5 | M11 | VIOLET | EURO/DOM | 5 |
| 42390 | 3477 | 3/16 | M11 x 1.0 | M11 | VIOLET | EURO/DOM | 5 |
| 42362 | 3040 | 3/16 | M11 x 1.5 | M12 | ORANGE | GM / FORD | 5 |
| 42363 | 3041 | 3/16 | M12 x 1.0 | M14 | BLUE | GM / FORD | 5 |
| 42392 | 3493 | 3/16 | M12 x 1.0 | M13 | GREEN | LONG | 5 |
| 42394 | 3426 | 3/16 | M12 x 1.25 | M14 | OLIVE | EURO/DOM | 5 |
| 42364 | 3042 | 3/16 | M13 x 1.5 | M14 | OLIVE | GM / FORD | 5 |
| 42396 | 3433 | 1/4 | M12 x 1.25 | M14 | GOLD | EURO/DOM | 5 |

## METRIC INVERTED FLARE TUBE NUTS

| J&B # | FMSI | TUBE SIZE | THREAD | HEX | COLOR | STYLE | QTY |
|---|---|---|---|---|---|---|---|
| 40383 | 3043 | 3/16 | M10 x 1.0 | M10 | BLUE | JAPANESE | 5 |
| 40389 | 3417 | 3/16 | M10 x 1.0 | 7/16 | BLUE | TOYOTA,GM LONG | 5 |
| 42360 | 3449 | 3/16 | M10 x 1.0 | M10 | YELLOW | TOYOTA (OE) | 5 |
| 42359 | 3413 | 1/4 | M12 x 1.0 | M13 | OLIVE | FORD / IMPORTS | 5 |

# INVERTED FLARE BRASS FITTINGS

## OVERSIZE STEEL TUBE NUTS

42350

42351

42352

42353

42354

| J&B # | FMSI | TUBE SIZE | THREAD | COLOR | QTY |
|---|---|---|---|---|---|
| 42350 | 3022 | 3/16 | 7/16-24 | RED | 5 |
| 42351 | 3023 | 3/16 | 1/2-20 | GREEN | 5 |
| 42352 | 3024 | 3/16 | 9/16-18 | OLIVE / GOLD | 5 |
| 42353 | 3025 | 1/4 | 9/16-18 | BLUE | 5 |
| 42354 | 3026 | 1/4 | 1/2-20 | SILVER | 5 |

## FUEL LINE TUBE NUTS

42374

42375

| J&B # | FMSI | TUBE SIZE | THREAD | COLOR | TYPE | QTY |
|---|---|---|---|---|---|---|
| 42374 | 3008 | 3/8 | M16 x 1.5 | OLIVE | GM | 5 |
| 42375 | 3009 | 5/16 | M14 x 1.5 | OLIVE | GM | 5 |

## FLARE NUT

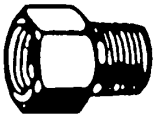
| J&B # | SURR | TUBE SIZE | THREAD | QTY |
|---|---|---|---|---|
| 42376 | BR1650 | 1/4 | 1/2-20 | 10 |

# DOUBLE COMPRESSION BRASS FITTINGS

## COMPRESSION NUT

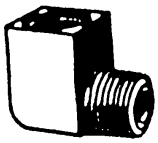
| J&B # | TUBE SIZE | QTY |
|---|---|---|
| 21438 | 1/8 | 10 |
| 20408 | 3/16 | 10 |
| 20409 | 1/4 | 10 |
| 20410 | 5/16 | 10 |
| 21439 | 3/8 | 5 |

## MALE CONNECTOR



| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 21447 | 1/8 | 1/8 | 10 |
| 21448 | 3/16 | 1/8 | 10 |
| 21451 | 3/8 | 1/4 | 10 |

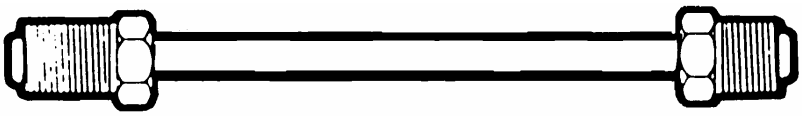
## MALE ELBOW



| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 21441 | 1/8 | 1/8 | 5 |
| 21443 | 1/4 | 1/8 | 10 |
| 21444 | 5/16 | 1/8 | 10 |
| 21445 | 3/8 | 1/4 | 5 |

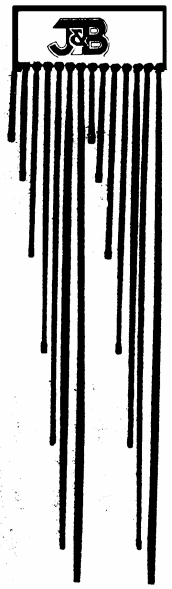
# BRAKE LINES

## HYDRAULIC STEEL BRAKE LINES



- Have been developed and manufactured to meet or exceed the following automotive and SAE specifications: SAE-527b, SAE J-533b, M.S. 1806 and GM 123.
- These lines resist corrosion, vibration, fatigue and shocks from impact.
- They provide increased protection and pressures greater that the most forceful braking applications.
- These brake lines are made by double wrapping a copper coated steel strip to form a double walled tube. Then the copper/steel tube is furnace-fused into one continuous, seamless line.
- Corrosion protection is provided by a lead/tin compound (ternecoat) coating.

| LENGTH | 3/16 DIA. | 1/4 DIA. | 5/16 DIA. | 3/8 DIA. |
|---|---|---|---|---|
| 8" | 40450 | 40460 | 40470 | |
| 12" | 40451 | 40461 | 40471 | |
| 20" | 40452 | 40462 | 40472 | |
| 30" | 40453 | 40463 | 40473 | |
| 40" | 40454 | 40464 | 40474 | |
| 51" | 40455 | 40465 | 40475 | |
| 60" | 40456 | 40466 | 40476 | 40479 |
| 72" | 40457 | 40467 | | |



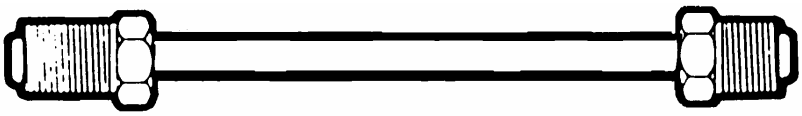

* **Must buy minimum of 10 assorted pieces to ship UPS.**

## ASSORTMENT AND RACK

| J&B # | DESCRIPTION |
|---|---|
| 38441 | Brake Line Rack for 3/16 & 1/4 lines |
| 2098 | Brake Line Assortment - Rack plus one each of all 3/16 and 1/4 lines |

# BRAKE LINES

## METRIC BRAKE LINES



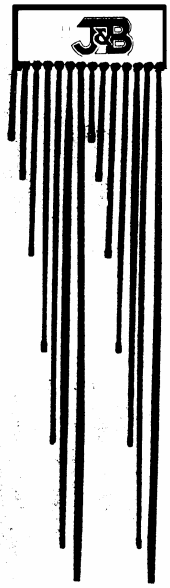
| EUROPEAN / DOMESTIC (BUBBLE FLARE) | | | | |
|---|---|---|---|---|
| **J&B #** | **LENGTH** | **TUBE SIZE** | **THREAD** | **QTY** |
| 40522 | 8” | 3/16 | 10MM | 1 |
| 40523 | 12” | 3/16 | 10MM | 1 |
| 40524 | 20” | 3/16 | 10MM | 1 |
| 40525 | 30” | 3/16 | 10MM | 1 |
| 40526 | 40” | 3/16 | 10MM | 1 |
| 40527 | 51” | 3/16 | 10MM | 1 |
| 40528 | 60” | 3/16 | 10MM | 1 |

| JAPANESE (DOUBLE FLARE) | | | | |
|---|---|---|---|---|
| **J&B #** | **LENGTH** | **TUBE SIZE** | **THREAD** | **QTY** |
| 40530 | 8” | 3/16 | 10MM | 1 |
| 40531 | 12” | 3/16 | 10MM | 1 |
| 40532 | 20” | 3/16 | 10MM | 1 |
| 40533 | 30” | 3/16 | 10MM | 1 |
| 40534 | 40” | 3/16 | 10MM | 1 |
| 40535 | 51” | 3/16 | 10MM | 1 |
| 40536 | 60” | 3/16 | 10MM | 1 |

∗ **Must buy minimum of 10 assorted pieces to ship UPS.**

## ASSORTMENT AND RACK

| J&B # | DESCRIPTION |
|---|---|
| 38442 | Brake Line Rack - Metric |
| 2099 | Brake Line Assortment - Rack plus one each of all metric sizes |



# BALL VALVES

BRASS

BRONZE

**Advantages:**

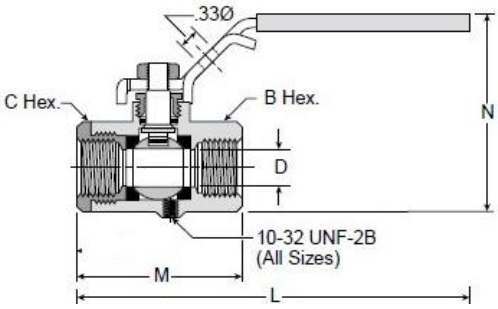
- Parker's CA377 forged brass body and bronze body ball valves provides extended service life and resists failure caused by severe temperature applications.
- Optimum flow design assures maximum system efficiency.
- Highly inert teflon seats and seals allow ease of opening and closing, plus the advantage of resistance to chemical corrosion.
- Parker also provides a blow-out proof stem and a specially designed handle enabling easier turning leverage.

**Applications: (Brass)**

Fuel line shutoff for gasoline and diesel powered over the highway, off highway, and construction equipment vehicles.
Water and air service lines on capital equipment and plant design plumbing that requires total shutoff ability.

**Applications: (Bronze)**

Water and air service lines on capital equipment and plant design plumbing that requires total shutoff ability.




**Operating Instructions:**

Quarter turn is "ON" or "OFF". (Provides positive stop action for maximum flow and full shutoff.)

**Working Pressure:**

600 PSI W.O.G.  150 PSI Saturated Steam

| J&B # | PARKER # | PIPE THRD | C & B HEX | L | M | N | FLOW DIA. D | QTY |
|---|---|---|---|---|---|---|---|---|
| 38518 | V500P-4 | 1/4 | 15/16 | 4.75 | 2.03 | 2.23 | .375 | EA |
| 38519 | V500P-6 | 3/8 | 15/16 | 4.75 | 2.03 | 2.23 | .375 | EA |
| 38520 | V500P-8 | 1/2 | 1-1/16 | 4.85 | 2.20 | 2.41 | .500 | EA |
| 38521 | V500P-12 | 3/4 | 1-3/8 | 5.80 | 3.00 | 3.14 | .690 | EA |
| 38522 | V500P-16 | 1 | 1-5/8 | 6.15 | 3.32 | 3.14 | .875 | EA |
| 54600 | V500P-20 | 1-1/4 | 1.90 | 6.13 | 3.50 | 3.72 | 1.22 | EA |
| 54601 | V500P-24 | 1-1/2 | 2.19 | 8.04 | 3.85 | 4.37 | 1.50 | EA |
| 54602 | V500P-32 | 2 | 2.78 | 8.34 | 4.45 | 5.03 | 1.97 | EA |

* **1/4 - 1"  BRASS BODY**
* **1-1/4 - 2"  BRONZE BODY**

# BALL VALVES

**Advantages:**

- Proline brand.
- Forged brass.
- Lead free.
- -20 to 300 fahrenheit temperature range.

**Operating Instructions:**

Quarter turn is "ON" or "OFF". (Provides positive stop action for maximum flow and full shutoff.)

**Working Pressure:**

600 PSI W.O.G.  150 PSI Saturated Steam

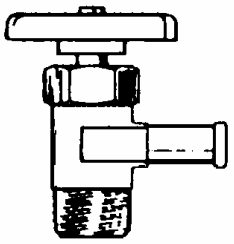
| J&B # | PIPE THRD | QTY |
|---|---|---|
| 60051 | 1/4 | EA |
| 60052 | 3/8 | EA |
| 60053 | 1/2 | EA |
| 60054 | 3/4 | EA |
| 60056 | 1 | EA |
| 60057 | 1-1/4 | EA |
| 60058 | 1-1/2 | EA |

# TRUCK VALVES

**Advantages:**
Parker truck valves have metal-to-metal seats with fine-thread screwdown. This enables positive sealing up to the capacity of the valve.

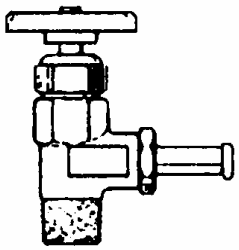
**Working Pressure Ranges:**
Valves are designed to withstand up to 150 PSI working pressure.

## TRUCK VALVE
(Hose to Male Pipe)



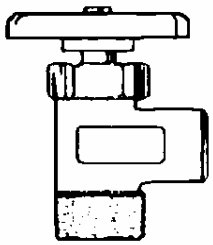
| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 52150 | 3/8 | 3/8 | EA |
| 52152 | 5/8 | 3/8 | EA |

## TRUCK VALVE
(Hose to Male Pipe)



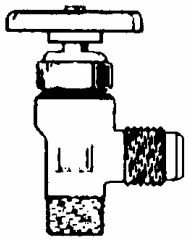
| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 52154 | 5/8 | 1/2 | EA |
| 52156 | 3/4 | 1/2 | EA |

## TRUCK VALVE
(Female Pipe to Male Pipe)



| J&B # | MALE PIPE | FEMALE PIPE | QTY |
|---|---|---|---|
| 52638 | 1/2 | 1/2 | EA |

## TRUCK VALVE
(Flare to Male Pipe)



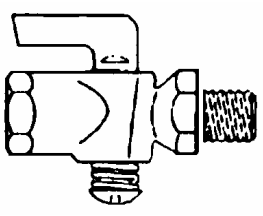
| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 52640 | 5/8 | 1/2 | EA |

# VALVES

**Applications:**
Manufactured for use with low pressure air, water, gas and certain other fluids.

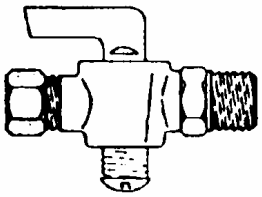
**Working Pressure Ranges:**
System temperature and the type of tubing used should be considered. Ground plug shutoffs are designed to withstand 30 PSI working pressure. Drain cocks are designed to withstand 150 PSI working pressure, except where noted.

## GROUND PLUG SHUTOFF COCK
(30 PSI)



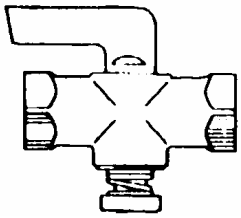
| J&B # | FEMALE PIPE | MALE PIPE | QTY |
|---|---|---|---|
| 21489 | 1/4 | 1/4 | 5 |

## GROUND PLUG SHUTOFF COCK
(30 PSI)



| J&B # | TUBE SIZE | PIPE THRD | QTY |
|---|---|---|---|
| 52798 | 1/4 | 1/4 | 2 |

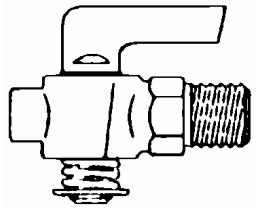
## GROUND PLUG SHUTOFF COCK
(30 PSI)



| J&B # | FEMALE PIPE | QTY |
|---|---|---|
| 52622 | 1/8 | 5 |
| 52624 | 1/4 | 5 |
| 52626 | 3/8 | 5 |

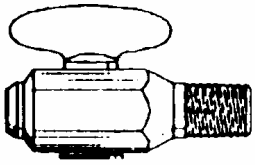
# VALVES

## DRAIN COCK
(30 PSI)



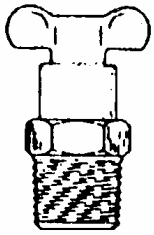
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 20435 | 1/8 | 5 |
| 20436 | 1/4 | 5 |
| 52628 | 3/8 | 5 |

## DRAIN COCK
(150 PSI)



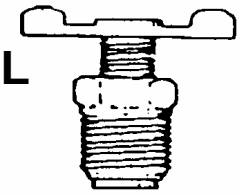
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 21172 | 1/4 | 5 |

## DRAIN COCK



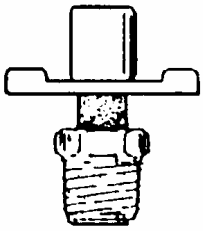
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 52630 | 1/8 | 5 |
| 52632 | 1/4 | 5 |
| 52634 | 3/8 | 5 |

## EXTERNAL SEAL DRAIN COCK



| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 20437 | 1/8 | 5 |
| 20438 | 1/4 | 10 |
| 52636 | 3/8 | 5 |

## EXTERNAL SEAL DRAIN COCK



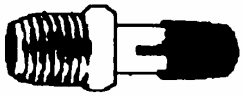
| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 20439 | 1/4 | 5 |

# VALVES

## TANK VALVES

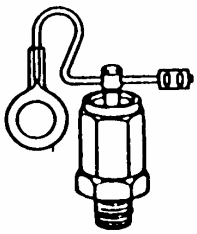
- Used on compressed air tanks and pneumatic devices.
- Permits inflation, deflation and pressure testing similar to tire valve treatment.
- Standard valve stem thread plus short brass cap.

| J&B # | THREAD | LENGTH | QTY |
|---|---|---|---|
| 52800 | 1/8" NPT | 3/4 | 5 |
| 52801 | 1/4" NPT | 3/4 | 5 |



## AIR TANK DRAIN VALVE

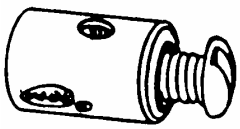
- Self-sealing with remote 5 foot cable.



| J&B # | PIPE THREAD | QTY |
|---|---|---|
| 39280 | 1/4 | EA |

## HOOD RELEASE AND CHOKE WIRE STOP

| J&B # | QTY |
|---|---|
| 52802 | 10 |



# GLADHAND COUPLINGS

## GLADHAND COUPLINGS

- Die cast aluminum body.
- Conforms to SAE J318.
- Connects to 1/2" pipe.

| J&B # | QTY |
|---|---|
| 21669 | EA |

## GLADHAND SEAL

- Air coupling seals all trucks using air brakes.

| J&B # | QTY |
|---|---|
| 21476 | 25 |

# CROSS REFERENCE

## BRASS FITTINGS

| WEATHER-HEAD # | J&B # | DESCRIPTION | OUR PAGE # |
|---|---|---|---|
| 100x3 | 20445 | brass tube nut-3/16 | 688 |
| 100x4 | 20446 | brass tube nut-1/4 | 688 |
| 105x10 | 21421 | steel tube nut-5/8 | 688 |
| 105x2 | 20377 | steel tube nut-1/8 | 688 |
| 105x3 | 20378 | steel tube nut-3/16 | 688 |
| 105x4 | 20379 | steel tube nut-1/4 | 688 |
| 105x5 | 20380 | steel tube nut-5/16 | 688 |
| 105x6 | 20381 | steel tube nut-3/8 | 688 |
| 105x8 | 21420 | steel tube nut-1/2 | 688 |
| 1110x10 | 21455 | short nut-5/8 | 682 |
| 1110x12 | 21456 | short nut-3/4 | 682 |
| 1110x2 | 20334 | short nut-1/8 | 682 |
| 1110x3 | 20335 | short nut-3/16 | 682 |
| 1110x4 | 20336 | short nut-1/4 | 682 |
| 1110x5 | 20337 | short nut-5/16 | 682 |
| 1110x6 | 20338 | short nut-3/8 | 682 |
| 1110x8 | 21454 | short nut-1/2 | 682 |
| 135 | 20437 | drain cock-1/8 | 698 |
| 1421 | 39280 | drain valve-1/4 | 699 |
| 1424 | 52630 | drain cock-1/8 | 698 |
| 1425 | 52632 | drain cock-1/4 | 698 |
| 1426 | 52634 | drain cock-3/8 | 698 |
| 145 | 20438 | drain cock-1/4 | 698 |
| 1460x10 | 52006 | sleeve-5/8 | 671 |
| 1460x12 | 52008 | sleeve-3/4 | 671 |
| 1460x4 | 52000 | sleeve-1/4 | 671 |
| 1460x6 | 52002 | sleeve-3/8 | 671 |
| 1460x8 | 52004 | sleeve-1/2 | 671 |
| 1461x10 | 52016 | nut-5/8 | 670 |
| 1461x12 | 52018 | nut-3/4 | 670 |
| 1461x4 | 52010 | nut-1/4 | 670 |
| 1461x6 | 52012 | nut-3/8 | 670 |
| 1461x8 | 52014 | nut-1/2 | 670 |
| 1462x10 | 52026 | union-5/8 | 671 |
| 1462x12 | 52786 | union-3/4 | 671 |
| 1462x4 | 52020 | union-1/4 | 671 |
| 1462x6 | 52022 | union-3/8 | 671 |
| 1462x8 | 52024 | union-1/2 | 671 |
| 1464x4 | 52070 | union tee-1/4 | 671 |
| 1464x6 | 52072 | union tee-3/8 | 671 |
| 1464x8 | 52794 | union tee-1/2 | 671 |
| 1466x4 | 52040 | fe conn-1/4 x 1/8 | 670 |
| 1466x6 | 52044 | fe conn-3/8 x 1/4 | 670 |
| 1466x6x2 | 52788 | fe conn-3/8 x 1/8 | 670 |
| 1466x6x6 | 52046 | fe conn-3/8 x 3/8 | 670 |
| 1468x10 | 52068 | ml conn-5/8 x 1/2 | 670 |
| 1468x4 | 52050 | ml conn-1/4 x 1/8 | 670 |
| 1468x4x4 | 52052 | ml conn-1/4 x 1/4 | 670 |
| 1468x4x6 | 52054 | ml conn-1/4 x 3/8 | 670 |
| 1468x6 | 52056 | ml conn-3/8 x 1/4 | 670 |
| 1468x6x2 | 52785 | ml conn-3/8 x 1/8 | 670 |
| 1468x6x6 | 52058 | ml conn-3/8 x 3/8 | 670 |
| 1468x6x8 | 52060 | ml conn-3/8 x 1/2 | 670 |
| 1468x8 | 52064 | ml conn-1/2 x 3/8 | 670 |

| WEATHER-HEAD # | J&B # | DESCRIPTION | OUR PAGE # |
|---|---|---|---|
| 1468x8x4 | 52062 | ml conn-1/2 x 1/4 | 670 |
| 1468x8x8 | 52066 | ml conn-1/2 x 1/2 | 670 |
| 1469x10 | 52096 | ml elb-5/8 x 1/2 | 671 |
| 1469x4 | 52080 | ml elb-1/4 x 1/8 | 671 |
| 1469x4x4 | 52082 | ml elb-1/4 x 1/4 | 671 |
| 1469x6 | 52086 | ml elb-3/8 x 1/4 | 671 |
| 1469x6x2 | 52084 | ml elb-3/8 x 1/8 | 671 |
| 1469x6x6 | 52088 | ml elb-3/8 x 3/8 | 671 |
| 1469x6x8 | 52090 | ml elb-3/8 x 1/2 | 671 |
| 1469x8 | 52092 | ml elb-1/2 x 3/8 | 671 |
| 1469x8x4 | 52095 | ml elb-1/2 x 1/4 | 671 |
| 1469x8x8 | 52094 | ml elb-1/2 x 1/2 | 671 |
| 1471x6x6x6 | 52796 | ml run t-3/8 x 3/8 | 671 |
| 1472x4 | 52102 | ml br t-1/4 x 1/8 | 671 |
| 1472x6 | 52106 | ml br t-3/8 x 1/4 | 671 |
| 1472x6x4x4 | 52104 | ml br t-1/4 x 1/4 | 671 |
| 1472x6x6x6 | 52108 | ml br t-3/8 x 3/8 | 671 |
| 1480x4 | 52790 | 45º elb-1/4 x 1/8 | 671 |
| 1480x6 | 52114 | 45º elb-3/8 x 1/4 | 671 |
| 1480x6x2 | 52112 | 45º elb-3/8 x 1/8 | 671 |
| 1480x6x6 | 52116 | 45º elb-3/8 x 3/8 | 671 |
| 1480x8 | 52118 | 45º elb-1/2 x 3/8 | 671 |
| 1480x8x4 | 52792 | 45º elb-1/2 x 1/4 | 671 |
| 1480x8x8 | 52793 | 45º elb-1/2 x 1/2 | 671 |
| 1484x10 | 52036 | insert-5/8 | 671 |
| 1484x12 | 52038 | insert-3/4 | 671 |
| 1484x4 | 52030 | insert-1/4 | 671 |
| 1484x6 | 52032 | insert-3/8 | 671 |
| 1484x8 | 52034 | insert-1/2 | 671 |
| 1611x10 | 21419 | long nut-5/8 | 660 |
| 1611x4 | 20288 | long nut-1/4 | 660 |
| 1611x5 | 20289 | long nut-5/16 | 660 |
| 1611x6 | 20290 | long nut-3/8 | 660 |
| 1611x8 | 21418 | long nut-1/2 | 660 |
| 200x2 | 20382 | ml con-1/8 x 1/8 | 687 |
| 200x3 | 20383 | ml con-3/16 x 1/8 | 687 |
| 200x4 | 20384 | ml con-1/4 x 1/8 | 687 |
| 200x4x4 | 21423 | ml con-1/4 x 1/4 | 687 |
| 200x5 | 20385 | ml con-5/16 x 1/8 | 687 |
| 200x5x4 | 21424 | ml con-5/16 x 1/4 | 687 |
| 200x6 | 20387 | ml con-3/8 x 1/4 | 687 |
| 200x6x2 | 20386 | ml con-3/8 x 1/8 | 687 |
| 200x6x6 | 20388 | ml con-3/8 x 3/8 | 687 |
| 200x8 | 21425 | ml con-1/2 x 3/8 | 687 |
| 202x10 | 21426 | ml con-5/8 x 1/2 | 687 |
| 2030x10 | 25115 | brass insert-5/8 | 660 |
| 2030x2 | 25109 | brass insert-1/8 | 660 |
| 2030x3 | 25110 | brass insert-3/16 | 660 |
| 2030x4 | 25111 | brass insert-1/4 | 660 |
| 2030x5 | 25112 | brass insert-5/16 | 660 |
| 2030x6 | 25113 | brass insert-3/8 | 660 |
| 2030x8 | 25114 | brass insert-1/2 | 660 |
| 270 | 52636 | drain cock-3/8 | 698 |
| 300x2 | 20398 | union-1/8 | 688 |



J&B FLEET INDUSTRIAL

# CROSS REFERENCE

## BRASS FITTINGS

| WEATHER-HEAD # | J&B # | DESCRIPTION | OUR PAGE # |
|---|---|---|---|
| 300x3 | 20399 | union-3/16 | 688 |
| 300x4 | 20400 | union-1/4 | 688 |
| 300x5 | 20401 | union-5/16 | 688 |
| 300x6 | 20402 | union-3/8 | 688 |
| 302x8 | 21422 | union-1/2 | 688 |
| 3129x2 | 52766 | cap-1/8 | 651 |
| 3129x4 | 20322 | cap-1/4 | 651 |
| 3129x6 | 20323 | cap-3/8 | 651 |
| 3129x8 | 20324 | cap-1/2 | 651 |
| 3150x2 | 23018 | slotted plug-1/8 | 651 |
| 3151x2 | 23014 | sq hd plug-1/8 | 651 |
| 3151x4 | 23015 | sq hd plug-1/4 | 651 |
| 3151x6 | 23016 | sq hd plug-3/8 | 651 |
| 3151x8 | 23017 | sq hd plug-1/2 | 651 |
| 3152x12 | 52765 | hx hd plug-3/4 | 651 |
| 3152x2 | 22321 | hx hd plug-1/8 | 651 |
| 3152x4 | 20440 | hx hd plug-1/4 | 651 |
| 3152x6 | 23012 | hx hd plug-3/8 | 651 |
| 3152x8 | 23013 | hx hd plug-1/2 | 651 |
| 3200x2 | 52665 | adapt-1/8 x 1/8 | 652 |
| 3200x4 | 52667 | adapt-1/4 x 1/4 | 652 |
| 3200x4x2 | 52666 | adapt-1/4 x 1/8 | 652 |
| 3200x6 | 52669 | adapt-3/8 x 3/8 | 652 |
| 3200x6x4 | 52668 | adapt-3/8 x 1/4 | 652 |
| 3200x8 | 52671 | adapt-1/2 x 1/2 | 652 |
| 3200x8x4 | 52672 | adapt-1/2 x 1/4 | 652 |
| 3200x8x6 | 52670 | adapt-1/2 x3/8 | 652 |
| 3220x12x6 | 23023 | bush-3/4 x 3/8 | 651 |
| 3220x12x8 | 23024 | bush-3/4 x 1/2 | 651 |
| 3220x4x2 | 20412 | bush-1/4 x 1/8 | 651 |
| 3220x6x2 | 20413 | bush-3/8 x 1/8 | 651 |
| 3220x6x4 | 20414 | bush-3/8 x 1/4 | 651 |
| 3220x8x2 | 23020 | bush-1/2 x 1/8 | 651 |
| 3220x8x4 | 23021 | bush-1/2 x 1/4 | 651 |
| 3220x8x6 | 23022 | bush-1/2 x 3/8 | 651 |
| 3300x2 | 23025 | coupling-1/8 | 653 |
| 3300x4 | 23026 | coupling-1/4 | 653 |
| 3300x4x2 | 23029 | reducer-1/4 x 1/8 | 653 |
| 3300x6 | 23027 | coupling-3/8 | 653 |
| 3300x6x2 | 23030 | reducer-3/8 x 1/8 | 653 |
| 3300x6x4 | 23031 | reducer-3/8 x 1/4 | 653 |
| 3300x8 | 23028 | coupling-1/2 | 653 |
| 3300x8x6 | 23032 | reducer-1/2 x 3/8 | 653 |
| 3325x12 | 23007 | hx nipple-3/4 | 652 |
| 3325x2 | 23033 | hx nipple-1/8 | 652 |
| 3325x4 | 23034 | hx nipple-1/4 | 652 |
| 3325x6 | 23035 | hx nipple-3/8 | 652 |
| 3325x8 | 23008 | hx nipple-1/2 | 652 |
| 3326x2 | 20415 | cl nipple-1/8 | 652 |
| 3326x4 | 20416 | cl nipple-1/4 | 652 |
| 3326x6 | 20417 | cl nipple-3/8 | 652 |
| 3326x8 | 23036 | cl nipple-1/2 | 652 |
| 3327x2 | 23037 | lg nip-1/8 x 1-1/2 | 652 |
| 3327x4 | 23038 | lg nip-1/4 x 1-1/2 | 652 |

| WEATHER-HEAD # | J&B # | DESCRIPTION | OUR PAGE # |
|---|---|---|---|
| 3328x2 | 23039 | lg nip-1/8 x 2 | 652 |
| 3328x4 | 23040 | lg nip-1/4 x 2 | 652 |
| 3328x6 | 20365 | lg nip-3/8 x 2 | 652 |
| 3329x6 | 20366 | lg nip-3/8 x 2-1/2 | 652 |
| 3329x8 | 20369 | lg nip-1/2 x 2-1/2 | 652 |
| 3350x2 | 23041 | 45º str elb-1/8 | 653 |
| 3350x4 | 23042 | 45º str elb-1/4 | 653 |
| 3350x6 | 23043 | 45º str elb-3/8 | 653 |
| 3350x8 | 23044 | 45º str elb-1/2 | 653 |
| 3400x2 | 23045 | 90º str elb-1/8 | 653 |
| 3400x4 | 23046 | 90º str elb-1/4 | 653 |
| 3400x6 | 23047 | 90º str elb-3/8 | 653 |
| 3400x8 | 23048 | 90º str elb-1/2 | 653 |
| 3500x2 | 23049 | 90º elb-1/8 | 653 |
| 3500x4 | 23050 | 90º elb-1/4 | 653 |
| 3500x6 | 23051 | 90º elb-3/8 | 653 |
| 3500x8 | 23052 | 90º elb-1/2 | 653 |
| 352x3 | 20403 | 45º elb-3/16 x 1/8 | 688 |
| 352x4 | 20404 | 45º elb-1/4 x 1/8 | 688 |
| 352x5 | 20405 | 45º elb-5/16 x 1/8 | 688 |
| 352x5x4 | 20406 | 45º elb-5/16 x 1/4 | 688 |
| 352x6 | 20407 | 45º elb-3/8 x 1/4 | 688 |
| 352x8 | 21431 | 45º elb-1/2 x 3/8 | 688 |
| 3600x2 | 52680 | ml br tee-1/8 | 653 |
| 3600x4 | 52681 | ml br tee-1/4 | 653 |
| 3600x6 | 52682 | ml br tee-3/8 | 653 |
| 3700x2 | 23053 | tee-1/8 | 653 |
| 3700x4 | 23054 | tee-1/4 | 653 |
| 3700x6 | 23055 | tee-3/8 | 653 |
| 3700x8 | 23056 | tee-1/2 | 653 |
| 3750x2 | 23057 | street tee-1/8 | 653 |
| 3750x4 | 23058 | street tee-1/4 | 653 |
| 3750x6 | 52684 | street tee-3/8 | 653 |
| 3750x8 | 52685 | street tee-1/2 | 653 |
| 3950x2 | 52675 | cross-1/8 | 652 |
| 3950x4 | 52676 | cross-1/4 | 652 |
| 3950x6 | 52677 | cross-3/8 | 652 |
| 400x2 | 20389 | ml elb-1/8 x 1/8 | 687 |
| 400x3 | 20390 | ml elb-3/16 x 1/8 | 687 |
| 400x4 | 20391 | ml elb-1/4 x 1/8 | 687 |
| 400x4x4 | 20393 | ml elb-1/4 x 1/4 | 687 |
| 400x5 | 20392 | ml elb-5/16 x 1/8 | 687 |
| 400x5x4 | 20394 | ml elb-5/16 x 1/4 | 687 |
| 400x6 | 20396 | ml elb-3/8 x 1/4 | 687 |
| 400x6x2 | 20395 | ml elb-3/8 x 1/8 | 687 |
| 400x6x6 | 20397 | ml elb-3/8 x 3/8 | 687 |
| 400x8 | 21432 | ml elb-1/2 x 3/8 | 687 |
| 41x10 | 21453 | long nut-5/8 | 682 |
| 41x3 | 20330 | long nut-3/16 | 682 |
| 41x4 | 20331 | long nut-1/4 | 682 |
| 41x5 | 20332 | long nut-5/16 | 682 |
| 41x6 | 20333 | long nut-3/8 | 682 |
| 41x8 | 21452 | long nut-1/2 | 682 |
| 42x10 | 22086 | sae union-5/8 | 683 |

# CROSS REFERENCE

## BRASS FITTINGS

| WEATHER-HEAD # | J&B # | DESCRIPTION | OUR PAGE # |
|---|---|---|---|
| 42x12 | 22087 | sae union-3/4 | 683 |
| 42x2 | 20339 | sae union-1/8 | 683 |
| 42x3 | 20340 | sae union-3/16 | 683 |
| 42x4 | 20341 | sae union-1/4 | 683 |
| 42x5 | 20342 | sae union-5/16 | 683 |
| 42x6 | 20343 | sae union-3/8 | 683 |
| 42x8 | 22085 | sae union-1/2 | 683 |
| 45x3 | 20373 | ml br t-3/16 x 1/8 | 684 |
| 45x4 | 20374 | ml br t-1/4 x 1/8 | 684 |
| 45x5 | 20375 | ml br t-5/16 x 1/8 | 684 |
| 45x6 | 20376 | ml br t-3/8 x 1/4 | 684 |
| 46x3 | 22105 | fe conn-3/16 x 1/8 | 683 |
| 46x4x4 | 22106 | fe conn-1/4 x 1/4 | 683 |
| 46x5 | 22107 | fe conn-5/16 x 1/8 | 683 |
| 46x6 | 22108 | fe conn-3/8 x 1/4 | 683 |
| 46x8 | 22109 | fe conn-1/2 x 3/8 | 683 |
| 48x10 | 22096 | ml con-5/8 x 1/2 | 683 |
| 48x10x6 | 22095 | ml con-5/8 x 3/8 | 683 |
| 48x12 | 22097 | ml con-3/4 x 1/2 | 683 |
| 48x12x12 | 22098 | ml con-3/4 x 3/4 | 683 |
| 48x2 | 20344 | ml con-1/8 x 1/8 | 683 |
| 48x3 | 20345 | ml con-3/16 x 1/8 | 683 |
| 48x4 | 20346 | ml con-1/4 x 1/8 | 683 |
| 48x4x4 | 20347 | ml con-1/4 x 1/4 | 683 |
| 48x5 | 20348 | ml con-5/16 x 1/8 | 683 |
| 48x5x4 | 20349 | ml con-5/16 x 1/4 | 683 |
| 48x6 | 20350 | ml con-3/8 x 1/4 | 683 |
| 48x6x2 | 20351 | ml con-3/8 x 1/8 | 683 |
| 48x6x6 | 20352 | ml con-3/8 x 3/8 | 683 |
| 48x6x8 | 22091 | ml con-3/8 x 1/2 | 683 |
| 48x8 | 22093 | ml con-1/2 x 3/8 | 683 |
| 48x8x4 | 22092 | ml con-1/2 x 1/4 | 683 |
| 48x8x8 | 22094 | ml con-1/2 x 1/2 | 683 |
| 49x10 | 22088 | ml elb-5/8 x 1/2 | 683 |
| 49x10x6 | 22104 | ml elb-5/8 x 3/8 | 683 |
| 49x12 | 22089 | ml elb-3/4 x 1/2 | 683 |
| 49x12x12 | 22090 | ml elb-3/4 x 3/4 | 683 |
| 49x3 | 20354 | ml elb-3/16 x 1/8 | 683 |
| 49x4 | 20355 | ml elb-1/4 x 1/8 | 683 |
| 49x4x4 | 20356 | ml elb-1/4 x 1/4 | 683 |
| 49x5 | 20357 | ml elb-5/16 x 1/8 | 683 |
| 49x5x4 | 20358 | ml elb-5/16 x 1/4 | 683 |
| 49x6 | 20359 | ml elb-3/8 x 1/4 | 683 |
| 49x6x2 | 20360 | ml elb-3/8 x 1/8 | 683 |
| 49x6x6 | 20361 | ml elb-3/8 x 3/8 | 683 |
| 49x6x8 | 22100 | ml elb-3/8 x 1/2 | 683 |
| 49x8 | 22102 | ml elb-1/2 x 3/8 | 683 |
| 49x8x4 | 22101 | ml elb-1/2 x 1/4 | 683 |
| 49x8x8 | 22103 | ml elb-1/2 x 1/2 | 683 |
| 54x4 | 52642 | 45º elb-1/4 x 1/8 | 684 |
| 54x6 | 52645 | 45º elb-3/8 x 1/4 | 684 |
| 54x8 | 52646 | 45º elb-1/2 x 3/8 | 684 |
| 55x8 | 52764 | union elb-1/2 | 684 |
| 60x10 | 20420 | sleeve-5/8 | 658 |

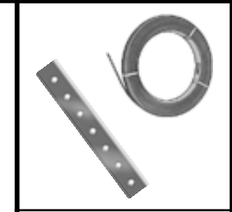
| WEATHER-HEAD # | J&B # | DESCRIPTION | OUR PAGE # |
|---|---|---|---|
| 60x12 | 20421 | sleeve-3/4 | 685 |
| 60x2 | 20278 | sleeve-1/8 | 658 |
| 60x3 | 20279 | sleeve-3/16 | 658 |
| 60x4 | 20280 | sleeve-1/4 | 658 |
| 60x5 | 20281 | sleeve-5/16 | 658 |
| 60x6 | 20282 | sleeve-3/8 | 658 |
| 60x7 | 20418 | sleeve-7/16 | 658 |
| 60x8 | 20419 | sleeve-1/2 | 658 |
| 6100x2 | 21438 | comp nut-1/8 | 690 |
| 6100x3 | 20408 | comp nut-3/16 | 690 |
| 6100x4 | 20409 | comp nut-1/4 | 690 |
| 6100x5 | 20410 | comp nut-5/16 | 690 |
| 6100x6 | 21439 | comp nut-3/8 | 690 |
| 61x10 | 20424 | nut-5/8 | 658 |
| 61x12 | 20425 | nut-3/4 | 658 |
| 61x2 | 20283 | nut-1/8 | 658 |
| 61x3 | 20284 | nut-3/16 | 658 |
| 61x4 | 20285 | nut-1/4 | 658 |
| 61x5 | 20286 | nut-5/16 | 658 |
| 61x6 | 20287 | nut-3/8 | 658 |
| 61x7 | 20422 | nut-7/16 | 658 |
| 61x8 | 20423 | nut-1/2 | 658 |
| 6200x2 | 21447 | ml con-1/8 x 1/8 | 690 |
| 6200x3 | 21448 | ml con-3/16 x 1/8 | 690 |
| 6200x4 | 21449 | ml con-1/4 x 1/8 | 690 |
| 6200x5 | 21450 | ml con-5/16 x 1/8 | 690 |
| 6200x6 | 21451 | ml con-3/8 x 1/4 | 690 |
| 62x10 | 21403 | union-5/8 | 660 |
| 62x12 | 21404 | union-3/4 | 660 |
| 62x2 | 20291 | union-1/8 | 660 |
| 62x3 | 20292 | union-3/16 | 660 |
| 62x4 | 20293 | union-1/4 | 660 |
| 62x5 | 20294 | union-5/16 | 660 |
| 62x6 | 20295 | union-3/8 | 660 |
| 62x8 | 21402 | union-1/2 | 660 |
| 6400x2 | 21441 | ml elb-1/8 x 1/8 | 690 |
| 6400x3 | 21442 | ml elb-3/16 x 1/8 | 690 |
| 6400x4 | 21443 | ml elb-1/4 x 1/8 | 690 |
| 6400x5 | 21444 | ml elb-5/16 x 1/8 | 690 |
| 6400x6 | 21445 | ml elb-3/8 x 1/4 | 690 |
| 64x4 | 20315 | union tee-1/4 | 660 |
| 64x5 | 52763 | union tee-5/16 | 660 |
| 64x6 | 20317 | union tee-3/8 | 660 |
| 65x3 | 20318 | union elb-3/16 | 660 |
| 65x4 | 20319 | union elb-1/4 | 660 |
| 65x5 | 20320 | union elb-5/16 | 660 |
| 65x6 | 20321 | union elb-3/8 | 660 |
| 65x8 | 20426 | union elb-1/2 | 660 |
| 66x2 | 21412 | fe con1/8 x 1/8- | 659 |
| 66x3 | 21413 | fe con-3/16 x 1/8 | 659 |
| 66x4 | 21414 | fe con-1/4 x 1/8 | 659 |
| 66x5 | 21415 | fe con-5/16 x 1/8 | 659 |
| 66x6 | 21416 | fe con-3/8 x 1/4 | 659 |
| 66x8 | 21417 | fe con-1/2 x 3/8 | 659 |

# CROSS REFERENCE

## BRASS FITTINGS

| WEATHER-HEAD # | J&B # | DESCRIPTION | OUR PAGE # |
|---|---|---|---|
| 6788 | 20439 | drain cock-1/4 | 698 |
| 6804 | 52622 | shutoff cock-1/8 | 697 |
| 6809 | 52624 | shutoff cock-1/4 | 697 |
| 6829 | 21489 | shutoff cock-1/4 | 697 |
| 6891 | 20435 | drain cock-1/8 | 698 |
| 6892 | 20436 | drain cock-1/4 | 698 |
| 6893 | 52628 | drain cock-3/8 | 698 |
| 68x10 | 20431 | ml conn-5/8 x 1/2 | 659 |
| 68x12 | 20432 | ml conn-3/4 x 1/2 | 659 |
| 68x2 | 20296 | ml conn-1/8 x 1/8 | 659 |
| 68x2x1 | 20362 | ml conn-1/8 x 1/16 | 659 |
| 68x3 | 20297 | ml conn-3/16 x 1/8 | 659 |
| 68x4 | 20298 | ml conn-1/4 x 1/8 | 659 |
| 68x4x4 | 20299 | ml conn-1/4 x 1/4 | 659 |
| 68x5 | 20300 | ml conn-5/16 x 1/8 | 659 |
| 68x5x4 | 20301 | ml conn-5/16 x 1/4 | 659 |
| 68x6 | 20302 | ml conn-3/8 x 1/4 | 659 |
| 68x6x2 | 20303 | ml conn-3/8 x 1/8 | 659 |
| 68x6x6 | 20304 | ml conn-3/8 x 3/8 | 659 |
| 68x6x8 | 20427 | ml conn-3/8 x 1/2 | 659 |
| 68x7 | 20428 | ml conn-7/16 x 1/4 | 659 |
| 68x8 | 20429 | ml conn-1/2 x 3/8 | 659 |
| 68x8x4 | 20433 | ml con-1/2 x 1/4 | 659 |
| 68x8x8 | 20430 | ml con-1/2 x 1/2 | 659 |
| 69x10 | 21407 | ml elb-5/8 x 1/2 | 659 |
| 69x12 | 21408 | ml elb-3/4 x 1/2 | 659 |
| 69x2 | 20305 | ml elb-1/8 x 1/8 | 659 |
| 69x3 | 20306 | ml elb-3/16 x 1/8 | 659 |
| 69x4 | 20307 | ml elb-1/4 x 1/8 | 659 |
| 69x4x4 | 20308 | ml elb-1/4 x 1/4 | 659 |
| 69x5 | 20309 | ml elb-5/16 x 1/8 | 659 |
| 69x5x4 | 20310 | ml elb-5/16 x 1/4 | 659 |
| 69x6 | 20311 | ml elb-3/8 x 1/4 | 659 |
| 69x6x2 | 20312 | ml elb-3/8 x 1/8 | 659 |
| 69x6x6 | 20313 | ml elb-3/8 x 3/8 | 659 |
| 69x8 | 21405 | ml elb-1/2 x 3/8 | 659 |
| 69x8x8 | 21406 | ml elb-1/2 x 1/2 | 659 |
| 72x3 | 20326 | ml tee-3/16 x 1/8 | 659 |
| 72x4 | 20327 | ml tee-1/4 x 1/8 | 659 |
| 72x4x4x4 | 20325 | ml tee-1/4 x 1/4 | 659 |
| 72x5 | 20328 | ml tee-5/16 x 1/8 | 659 |
| 72x6 | 20329 | ml tee-3/8 x 1/4 | 659 |
| 72x8 | 21410 | ml tee-1/2 x 3/8 | 659 |
| A664 | 52798 | shutoff cock-1/4 | 697 |
| W00360 | 20814 | nut-3/8 x 17/32-24 | 662 |
| W00361 | 20810 | sleeve-3/8 | 662 |
| W00455 | 21154 | nut-1/4 x 7/16-24 | 662 |
| W00457 | 21156 | sleeve-1/4 | 662 |
| W03610 | 20841 | sleeve-3/8 | 679 |
| W03624 | 20844 | nut-3/8 | 679 |
| W03754 | 20811 | sleeve-1/2 | 662 |
| W03755 | 20815 | nut-1/2 x 11/16-20 | 662 |
| W03896 | 20817 | nut-3/4 x 1-18 | 662 |
| W03897 | 20813 | sleeve-3/4 | 662 |
| W05053 | 38226 | ml conn-3/8 x 1/4 | 663 |

| WEATHER-HEAD # | J&B # | DESCRIPTION | OUR PAGE # |
|---|---|---|---|
| W05102 | 21161 | 90ºml elb-3/8 x 1/4 | 663 |
| W05106 | 20827 | union tee-3/8 | 663 |
| W05127 | 21158 | ml con-1/4 x 1/8 | 663 |
| W05134 | 20828 | union-3/8 | 662 |
| W05183 | 38225 | ml con-1/4 x 1/4 | 663 |
| W05509 | 23009 | ml con-3/8 x 1/8 | 663 |
| W05514 | 21157 | union-1/4 | 662 |
| W05522 | 23011 | 90ºml elb-3/8 x 1/8 | 663 |
| W05539 | 21160 | 90ºml elb-1/4 x 1/8 | 663 |
| W05824 | 20833 | ml con-3/8 x 3/8 | 663 |
| W05829 | 20820 | 90ºml elb-3/8 x 3/8 | 663 |
| W10612 | 20812 | sleeve-5/8 | 662 |
| W10613 | 20816 | nut-5/8 x 13/16-18 | 662 |
| W15310 | 21172 | drain cock-1/4 | 698 |
| W15535 | 20846 | connector-3/8 x 1/2 | 679 |
| W15536 | 20845 | connector-3/8 x 1/4 | 679 |
| W15539 | 20843 | connector-3/8 x 1/2 | 679 |
| W15540 | 20842 | connector-3/8 x 1/4 | 679 |
| W15709 | 20821 | 90ºml elb-1/2 x 3/8 | 663 |
| W15710 | 20829 | union-1/2 | 662 |
| W15712 | 20826 | union tee-1/2 | 663 |
| W15762 | 20840 | ml con-3/4 x 3/4 | 663 |
| W15992 | 21530 | insert-3/8 x 1/2 | 679 |
| W15993 | 21482 | insert-3/8 x 1/4 | 679 |
| W16310 | 20824 | 90ºml elb-1/2 x 1/2 | 663 |
| W16523 | 20831 | union-3/4 | 662 |
| W16678 | 20809 | hose union-3/8 | 679 |
| W16684 | 20838 | ml con-5/8 x 1/2 | 663 |
| W16685 | 20835 | ml con-5/8 x 3/8 | 663 |
| W17525 | 20834 | ml con-1/2 x 3/8 | 663 |
| W17621 | 20839 | ml con-3/4 x 1/2 | 663 |
| W17690 | 20832 | ml con-1/2 x 1/4 | 663 |
| W17691 | 20837 | ml con-1/2 x 1/2 | 663 |
| W17709 | 38515 | bulk hd coup-3/8 | 652 |
| W20291 | 21464 | 45ºml elb-3/8 x 3/8 | 662 |
| W20292 | 21465 | 45ºml elb-1/2 x 3/8 | 662 |
| W20475 | 20819 | 90ºml elb-1/2 x 1/4 | 663 |
| W20722 | 21171 | 45ºml elb-3/8 x 1/4 | 662 |
| W21825 | 20825 | 90ºml elb-5/8 x 1/2 | 663 |
| W21826 | 20830 | union-5/8 | 662 |
| W21993 | 20822 | 90ºml elb-5/8 x 3/8 | 663 |
| W22062 | 20823 | 90ºml elb-3/8 x 1/2 | 663 |
| W22063 | 20836 | ml con-3/8 x 1/2 | 663 |
| W22065 | 21474 | 45ºml elb-5/8 x 1/2 | 662 |
| W22858 | 20818 | 90ºml elb-3/8 x 1/4 | 663 |
| W23907 | 21498 | connector-3/8 x 3/8 | 679 |
| W24318 | 23010 | 90ºml elb-1/4 x 1/4 | 663 |
| W24887 | 21517 | connector-3/8 x 3/8 | 679 |
| W33470 | 21483 | insert-3/8 x 3/8 | 679 |
| W33801 | 20850 | sleeve-1/2 | 679 |
| W33802 | 20852 | nut-1/2 | 679 |
| W33883 | 20854 | connector-1/2 x 3/8 | 679 |
| W33884 | 20855 | connector-1/2 x 1/2 | 679 |
| W75150 | 21669 | gladhand couplings | 701 |
| WO5465 | 38510 | bulk hd coup-1/4 | 652 |



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**PART # 2282**

# BRASS PIPE FITTINGS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 23013 1<br>1/2" HEX HD PLUG<br>2 | 23022 2<br>1/2 x 3/8 BUSHING<br>2 | 23008 3<br>1/2 HEX NIPPLE<br>2 | 23048 4<br>1/2 90° ST ELBOW<br>2 | 23044 5<br>1/2 45° ST ELBOW<br>2 | 23028 6<br>1/2" COUPLING<br>2 | 52624 7<br>1/4" PLUG SHUTOFF VALVE<br>1 | 52668 8<br>3/8 x 1/4 ADAPTER<br>2 |
| 23012 9<br>3/8" HEX HD PLUG<br>3 | 23021 10<br>1/2 x 1/4 BUSHING<br>3 | 23035 11<br>3/8 HEX NIPPLE<br>3 | 23047 12<br>3/8 90° ST ELBOW<br>2 | 23043 13<br>3/8 45° ST ELBOW<br>2 | 23027 14<br>3/8" COUPLING<br>2 | 23032 15<br>1/2 x 3/8 REDUCER COUPLING<br>2 | 52667 16<br>1/4 x 1/4 ADAPTER<br>3 |
| 20440 17<br>1/4" HEX HD PLUG<br>3 | 20414 18<br>3/8 x 1/4 BUSHING<br>5 | 23034 19<br>1/4 HEX NIPPLE<br>3 | 23046 20<br>1/4 90° ST ELBOW<br>3 | 23042 21<br>1/4 45° ST ELBOW<br>3 | 23026 22<br>1/4" COUPLING<br>3 | 23031 23<br>3/8 x 1/4 REDUCER COUPLING<br>2 | 52666 24<br>1/4 x 1/8 ADAPTER<br>3 |
| 22321 25<br>1/8" HEX HD PLUG<br>3 | 20412 26<br>1/4 x 1/8 BUSHING<br>5 | 23033 27<br>1/8 HEX NIPPLE<br>3 | 23045 28<br>1/8 90° ST ELBOW<br>3 | 23041 29<br>1/8 45° ST ELBOW<br>3 | 23025 30<br>1/8" COUPLING<br>3 | 23029 31<br>1/4 x 1/8 REDUCER COUPLING<br>2 | 52665 32<br>1/8 x 1/8 ADAPTER<br>3 |

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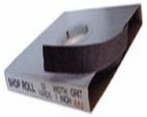
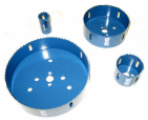
PART # 2023

# BRASS PIPE FITTINGS

| | | | | | |
|---|---|---|---|---|---|
| 23033 (1)<br> <br>2 1/8P HEX NIPPLE | 23034 (2)<br> <br>2 1/4P HEX NIPPLE | 23035 (3)<br> <br>2 3/8P HEX NIPPLE | 23053 (4)<br> <br>2 1/8P TEE | 23054 (5)<br> <br>2 1/4P TEE | 23055 (6)<br> <br>1 3/8P TEE |
| 20415 (7)<br> <br>4 1/8P CLOSE NIPPLE | 23037 (8)<br> <br>3 1/8P X 1-1/2 NIPPLE | 20417 (9)<br> <br>3 3/8P CLOSE NIPPLE | 23025 (10)<br> <br>3 1/8P COUPLER | 23026 (11)<br> <br>3 1/4P COUPLER | 23027 (12)<br> <br>2 3/8P COUPLER |
| 20416 (13)<br> <br>4 1/4P CLOSE NIPPLE | 23038 (14)<br> <br>3 1/4P X 1-1/2 NIPPLE | 20365 (15)<br> <br>2 3/8P X 2 NIPPLE | 23045 (16)<br> <br>2 1/8P 90 STREET ELBOW | 23046 (17)<br> <br>2 1/4P 90 STREET ELBOW | 23047 (18)<br> <br>2 3/8P 90 STREET ELBOW |
| 22321 (19)<br> <br>4 1/8P HEX HEAD PLUG | 20440 (20)<br> <br>4 1/4P HEX HEAD PLUG | 23012 (21)<br> <br>4 3/8P HEX HEAD PLUG | 23029 (22)<br> <br>4 1/4P X 1/8P REDUCER | 20412 (23)<br> <br>4 1/4P X 1/8P BUSHING | 20414 (24)<br> <br>3 3/8P X 1/4P BUSHING |





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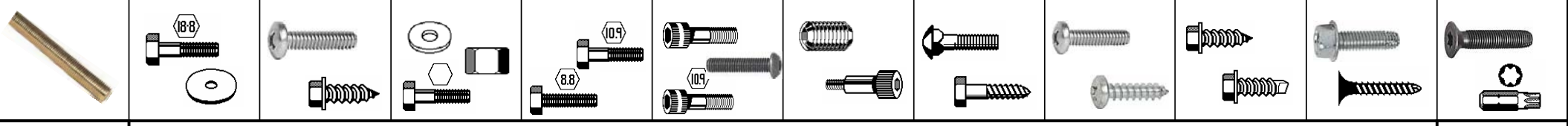
**PART # 2013**

# COMPRESSION BRASS

| | | | | | |
|---|---|---|---|---|---|
| **20279** 1<br>**3/16 SLEEVE**<br>5 | **20284** 2<br>**3/16 NUT**<br>5 | **20297** 3<br>**3/16T X 1/8P MALE CONNECTOR**<br>2 | **20306** 4<br>**3/16T X 1/8P MALE ELBOW**<br>2 | **20292** 5<br>**3/16 TUBE UNION**<br>2 | **20326** 6<br>3/16 TUBE MALE BRANCH TEE<br>1 |
| **20280** 7<br>**1/4 SLEEVE**<br>5 | **20285** 8<br>**1/4 NUT**<br>5 | **20298** 9<br>**1/4T X 1/8P MALE CONNECTOR**<br>2 | **20307** 10<br>**1/4P X 1/8P MALE ELBOW**<br>2 | **20293** 11<br>**1/4 TUBE UNION**<br>3 | **20327** 12<br>1/4 TUBE MALE BRANCH TEE<br>1 |
| **20281** 13<br>**5/16 SLEEVE**<br>5 | **20286** 14<br>**5/16 NUT**<br>5 | **20300** 15<br>**5/16T X 1/8P MALE CONNECTOR**<br>2 | **20309** 16<br>**5/16T X 1/8P MALE ELBOW**<br>2 | **20294** 17<br>**5/16 TUBE UNION**<br>3 | **20328** 18<br>5/16 TUBE MALE BRANCH TEE<br>1 |
| **20282** 19<br>**3/8 SLEEVE**<br>5 | **20287** 20<br>**3/8 NUT**<br>5 | **20303** 21<br>**3/8T X 1/8P MALE CONNECTOR**<br>2 | **20312** 22<br>**3/8T X 1/8P MALE ELBOW**<br>2 | **20295** 23<br>**3/8 TUBE UNION**<br>3 | **20329** 24<br>3/8 TUBE MALE BRANCH TEE<br>1 |

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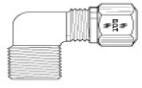
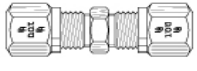
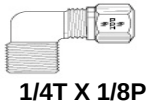
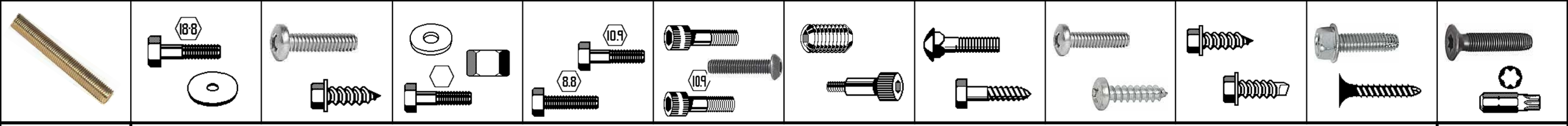
**PART # 2070**

# NTA BRASS

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2 **52050** 1/4T X 1/8P MALE CONNECTOR 2 | 3 | 4 | 5 | 6 **52088**  3/8T X 3/8P 90 MALE CONNECTOR 1 |
| 7 **52030** 1/4 INSERT 10 | 8 **52052** 1/4T X 1/4 P MALE CONNECTOR 2 | 9 | 10 **52032** 3/8 INSERT 15 | 11 | 12 **52086** 3/8T X 1/4P 90 MALE CONNECTOR 2 |
| 13 **52000** 1/4 SLEEVE 15 | 14 | 15 **52082** 1/4T X 1/4P 90 MALE CONNECTOR 2 | 16 **52002** 3/8 SLEEVE 10 | 17 **52058** 3/8T X 3/8P MALE CONNECTOR 1 | 18 |
| 19 **52010** 1/4 NUT 10 | 20 **52020**  1/4 UNION 2 | 21 **52080**  1/4T X 1/8P 90 MALE CONNECTOR 1 | 22 **52012** 3/8 NUT 5 | 23 **52056** 3/8T X 1/4P MALE CONNECTOR 2 | 24 **52022** 3/8 UNION 2 |

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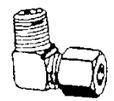
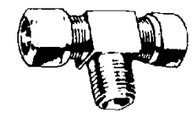
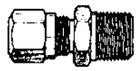
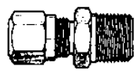
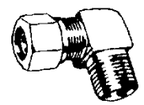
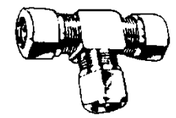
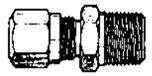
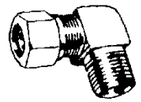
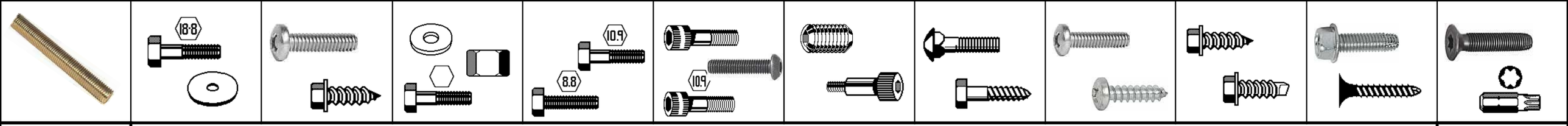
**PART #2801**

# 1/8 AND 1/4 NTA FITTINGS

| | | | | | |
|---|---|---|---|---|---|
| 1 **20283** **1/8" NUT** 5 | 2 **20296** **1/8 T X 1/8 P MALE CONNECTOR** 5 | 3 **20305**  **1/8 T X 1/8 P MALE ELBOW** 5 | 4 **20291** **1/8 UNION** 3 | 5 | 6 **52102**  **1/4 X 1/4 X 1/8 MALE BRANCH TEE** 1 |
| 7 **52030** **1/4" INSERT** 5 | 8 **52054**  **1/4T X 3/8P MALE CONNECTOR** 2 | 9 | 10 | 11 | 12 **52104** **1/4 X 1/4 X 1/4 MALE BRANCH TEE** 1 |
| 13 **52000** **1/4" SLEEVE** 5 | 14 **52052**  **1/4T X 1/4P MALE CONNECTOR** 2 | 15 **52042** **1/4T X 1/4P FEMALE CONNECTOR** 2 | 16 **52082**  **1/4T X 1/4P 90° MALE ELBOW** 2 | 17 **52110** **1/4T X 1/8P 45° MALE ELBOW** 2 | 18 **52070**  **1/4 UNION TEE** 1 |
| 19 **52010** **1/4" NUT** 5 | 20 **52050**  **1/4T X 1/8 P MALE CONNECTOR** 2 | 21 **52040** **1/4T X 18P FEMALE CONNECTOR** 2 | 22 **52080**  **1/4T X 1/8P 90° MALE ELBOW** 2 | 23 **52790** **1/4T X 1/8P 45° MALE ELBOW** 2 | 24 **52020** **1/4 UNION** 5 |

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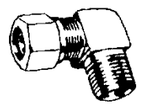
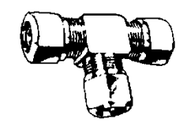
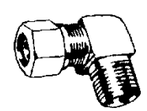
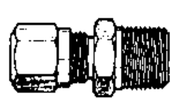
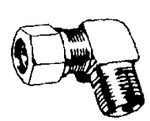
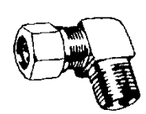
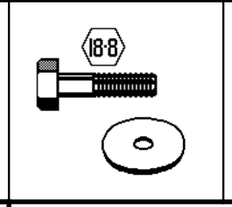
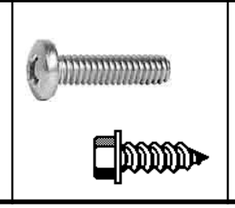
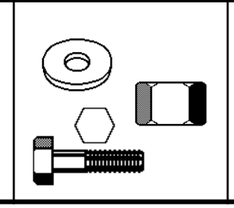
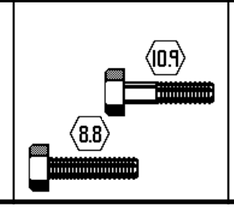
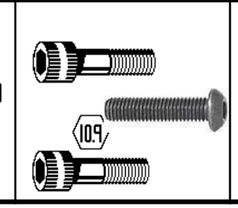
**PART #2802**

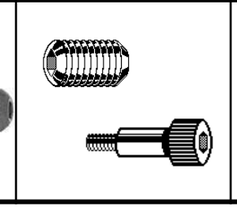
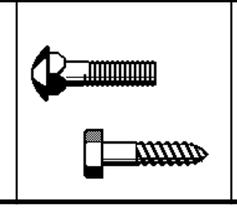
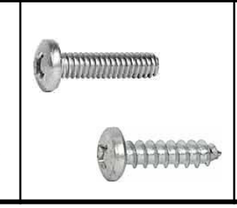
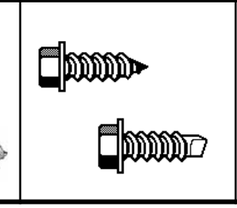
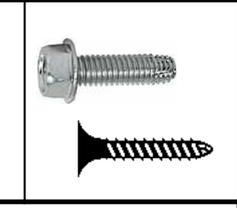
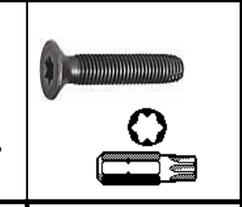
# 1/2 AND 5/8 NTA FITTINGS

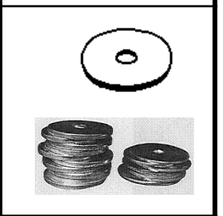
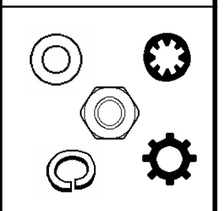
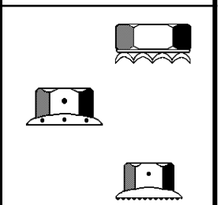
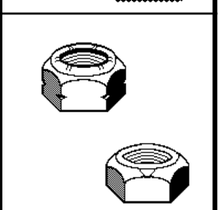
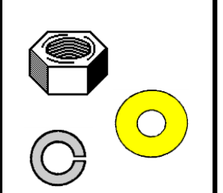
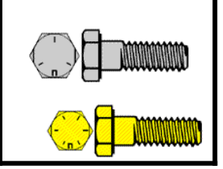
| | | | | | |
|---|---|---|---|---|---|
| 1 **52006** 5 **5/8 SLEEVE** | 2 **52096**  1 **5/8 X 1/2 MALE ELBOW** | 3 **52068** 1 **5/8T X 1/2P MALE CONNECTOR** | 4 **52036** 2 **5/8 INSERT** | 5 **52016** 2 **5/8 NUT** | 6 **52026** 1 **5/8 UNION** |
| 7 **52034** 5 **1/2 INSERT** | 8 | 9 | 10 | 11 | 12 **52794**  1 **1/2 UNION TEE** |
| 13 **52004** 5 **1/2 SLEEVE** | 14 **52064** 3 **1/2T X 3/8P MALE CONNECTOR** | 15 **52066** 3 **1/2T X 1/2P MALE CONNECTOR** | 16 **52094**  2 **1/2T X 1/2P MALE ELBOW** | 17 **52118** 2 **1/2T X 3/8P 45° ELBOW** | 18 **52793** 1 **1/2T X 1/2P 45° ELBOW** |
| 19 **52014** 5 **1/2 NUT** | 20 **52062**  3 **1/2T X 1/4P MALE CONNECTOR** | 21 **52095**  2 **1/2T X 1/4P MALE CONNECTOR** | 22 **52092**  2 **1/2T X 3/8P MALE ELBOW** | 23 **52792** 2 **1/2T X 1/4P 45° ELBOW** | 24 **52024** 3 **1/2 UNION** |



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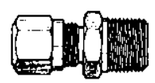
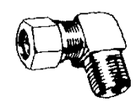
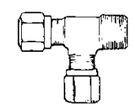
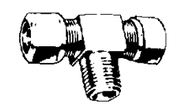
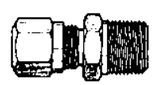
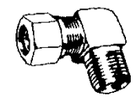
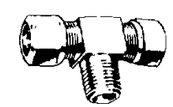
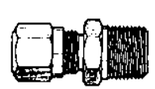
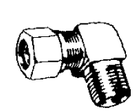
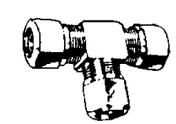
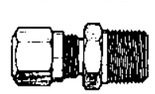
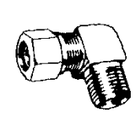
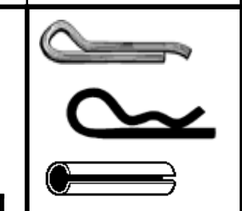
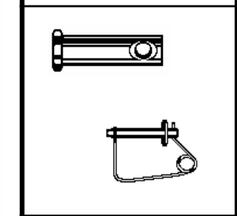
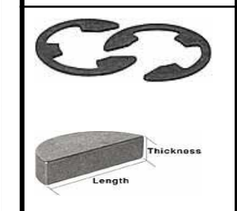
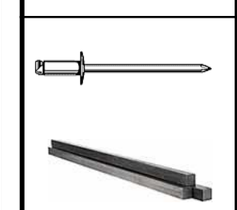
**PART #2803**

# 3/8 NTA FITTINGS

| | | | | | |
|---|---|---|---|---|---|
| 1 | 52060 2<br>  <br>3/8T X 1/2P<br>1 MALE CONNECTOR | 3 | 52090 4<br>  <br>3/8T X 1/2P<br>MALE<br>1 ELBOW | 52796 5<br>  <br>3/8 T X 3/8P<br>1 MALE RUN TEE | 52108 6<br>  <br>3/8 T X 3/8P<br>1 MALE BRANCH TEE |
| 52032 7<br> <br>3/8<br>5 INSERT | 52058 8<br>  <br>3/8T X 3/8P<br>2 MALE CONNECTOR | 52046 9<br> <br>3/8T X 3/8P<br>2 FEMALE CONNECTOR | 52088 10<br>  <br>3/8T X 3/8P<br>2 MALE ELBOW | 52116 11<br> <br>3/8T X 3/8P<br>2 45° MALE ELBOW | 52106 12<br>  <br>3/8 T X 1/4P<br>1 MALE BRANCH TEE |
| 52002 13<br> <br>3/8<br>5 SLEEVE | 52056 14<br>  <br>3/8T X 1/4P<br>2 MALE CONNECTOR | 52044 15<br> <br>3/8T X 1/4P<br>2 FEMALE CONNECTOR | 52086 16<br>  <br>3/8T X 1/4P<br>2 MALE ELBOW | 52114 17<br> <br>3/8T X 1/4P<br>2 45° MALE ELBOW | 52072 18<br>  <br>3/8<br>1 UNION TEE |
| 52012 19<br> <br>3/8 NUT<br>5 | 52785 20<br>  <br>3/8T X 1/8P<br>2 MALE CONNECTOR | 52788 21<br> <br>3/8T X 1/8P<br>2 FEMALE CONNECTOR | 52084 22<br>  <br>3/8T X 1/8P<br>2 MALE ELBOW | 52112 23<br> <br>3/8T X 1/8P<br>2 45° MALE ELBOW | 52022 24<br> <br>3/8<br>5 UNION |



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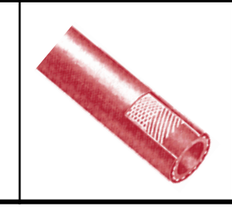
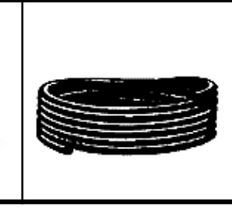
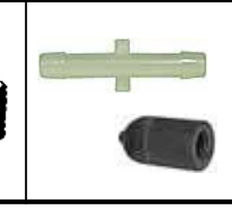
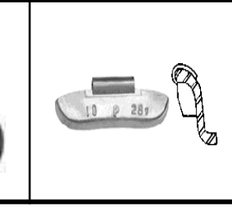
PART # 2073

# NTA BRASS

| | | | | | |
|---|---|---|---|---|---|
| 52014 (1) 1/2 NUT 2 | 52004 (2) 1/2 SLEEVE 5 | 52034 (3) 1/2 INSERT 4 | 52020 (4) 1/4 UNION 3 | 52022 (5) 3/8 UNION 2 | 52024 (6) 1/2 UNION 2 |
| 52012 (7) 3/8 NUT 10 | 52002 (8) 3/8 SLEEVE 10 | 52032 (9) 3/8 INSERT 10 | 52080 (10) 1/4T X 1/8P 90 MALE CONNECTOR 2 | 52086 (11) 3/8T X 1/4P 90 MALE CONNECTOR 2 | 52092 (12) 1/2T X 3/8P 90 MALE CONNECTOR 1 |
| 52010 (13) 1/4 NUT 10 | 52000 (14) 1/4 SLEEVE 15 | 52030 (15) 1/4 INSERT 15 | 52082 (16) 1/4T X 1/4P 90 MALE CONNECTOR 2 | 52088 (17) 3/8T X 3/8P 90 MALE CONNECTOR 2 | 52094 (18) 1/2T X 1/2P 90 MALE CONNECTOR 1 |
| 52050 (19) 1/4T X 1/8P MALE CONNECTOR 3 | 52052 (20) 1/4T X 1/4P MALE CONNECTOR 3 | 52056 (21) 3/8T X 1/4P MALE CONNECTOR 2 | 52058 (22) 3/8T X 3/8P MALE CONNECTOR 2 | 52064 (23) 1/2T X 3/8P MALE CONNECTOR 1 | 52066 (24) 1/2T X 1/2P MALE CONNECTOR 1 |

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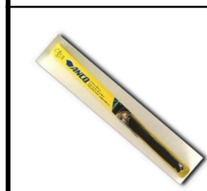
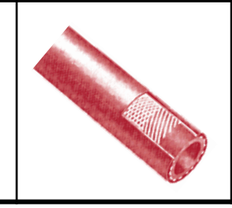
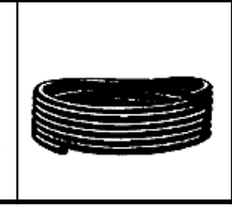
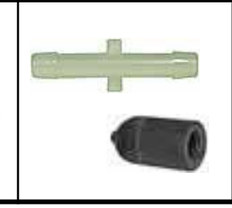
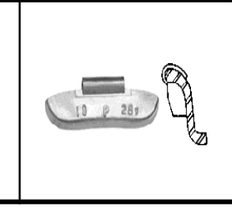
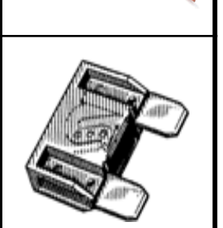
## PRESTOLOK

## PART # 2090

| | | | | | |
|---|---|---|---|---|---|
| 54540 1<br> <br>1/8 T X 1/8 P 90 MALE ELBOW<br>2 | 54542 2<br> <br>5/32 T X 1/8 P 90 MALE ELBOW<br>2 | 54577 3<br> <br>1/4 T X 1/8 P 90 MALE ELBOW<br>2 | 54578 4<br> <br>1/4 T X 1/4 P 90 MALE ELBOW<br>2 | 54579 5<br> <br>3/8 T X 1/8 P 90 MALE ELBOW<br>1 | 54583 6<br> <br>3/8 T X 1/4 P 90 MALE ELBOW<br>1 |
| 52762 7<br> <br>1/8 T X 1/16 P MALE CONNECTOR<br>2 | 54520 8<br> <br>1/8 T X 1/8 P MALE CONNECTOR<br>2 | 54522 9<br> <br>5/32 T X 1/8 P MALE CONNECTOR<br>2 | 54574 10<br> <br>1/4 T X 1/8 P MALE CONNECTOR<br>2 | 54575 11<br> <br>1/4 T X 1/4 P MALE CONNECTOR<br>2 | 54576 12<br> <br>3/8 T X 1/8 P MALE CONNECTOR<br>1 |
| 54500 13<br> <br>1/8 T UNION<br>2 | 54502 14<br> <br>5/32 T UNION<br>2 | 54580 15<br> <br>1/4 T UNION<br>2 | 54584 16<br> <br>3/8 T UNION<br>1 | 17 | 54585 18<br> <br>3/8 T X 1/4 P MALE CONNECTOR<br>1 |
| 54560 19<br> <br>1/8 T UNION TEE<br>1 | 54562 20<br> <br>5/32 T UNION TEE<br>1 | 54582 21<br> <br>1/4 T UNION TEE<br>1 | 22 | 23 | 24 |





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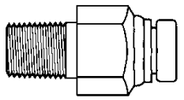
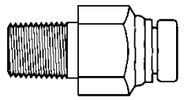
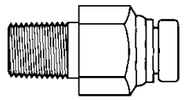
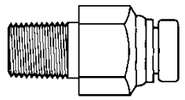
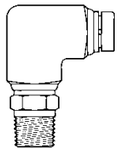
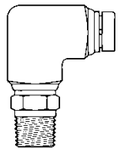
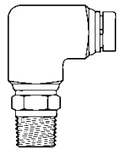
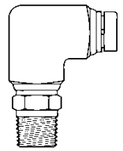
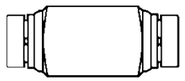
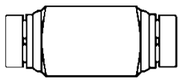
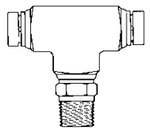
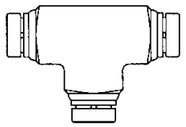
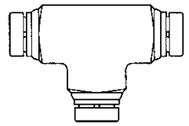
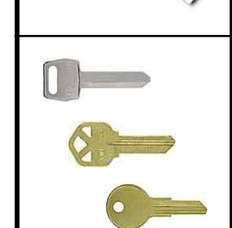
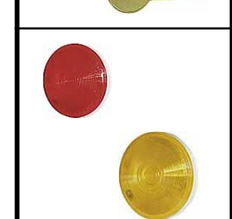
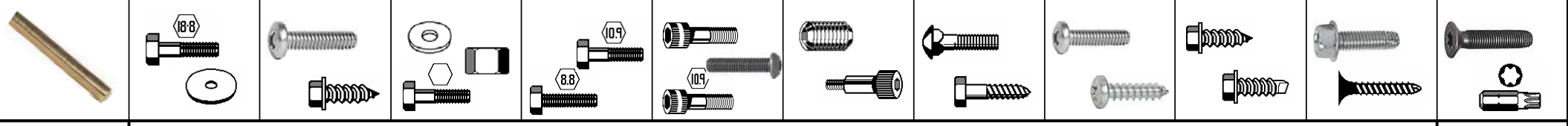
## PRESTOMATIC

## PART # 2899

| | | | | | |
|---|---|---|---|---|---|
| 1 **54524**  **1/4 X 1/8 MALE CONN** 2 | 2 **54526**  **1/4 X 1/4 MALE CONN** 2 | 3 **54532**  **3/8 X 1/4 MALE CONN** 2 | 4 | 5 **54533**  **3/8 T X 3/8 MALE CONN** 2 | 6 |
| 7 **54543**  **1/4 X 1/8 90 DEG ELBOW** 2 | 8 **54544**  **1/4 X 1/4 90 DEG ELBOW** 2 | 9 **54550**  **3/8 X 1/4 90 DEG ELBOW** 2 | 10 | 11 **54551**  **3/8 X 3/8 90 DEG ELBOW** 2 | 12 |
| 13 **54504**  **1/4 UNION** 2 | 14 **54506**  **3/8 UNION** 2 | 15 | 16 **54572**  **1/4 X 1/8 M-BRANCHTEE** 2 | 17 | 18 |
| 19 **54887** **1/4 PLUG** 5 | 20 **54888** **3/8 PLUG** 5 | 21 **54564**  **1/4 UNION TEE** 2 | 22 | 23 **54566**  **3/8 UNION TEE** 2 | 24 |

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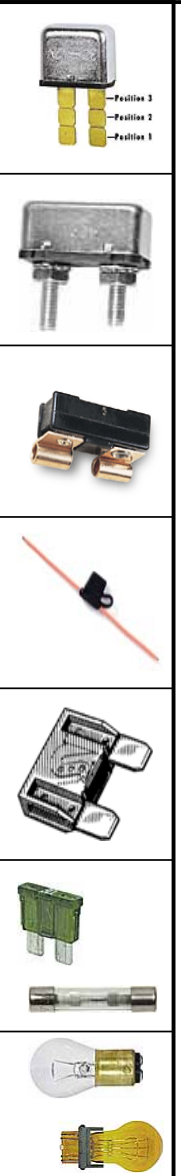
PART # 2227

# PRESS TO CONNECT FITTINGS

| | | | | | |
|---|---|---|---|---|---|
| **54825** 1<br>2 **1/4 UNION** | **54826** 2<br>2 **3/8 UNION** | **54860** 3<br>**MALE ELBOW 45**<br>**1/4T X 1/4P**<br>2 | **54862** 4<br>**MALE ELBOW 45**<br>1 **3/8T X 1/4P** | **54863** 5<br>**MALE ELBOW 45**<br>1 **3/8T X 3/8P** | **54830** 6<br>**1/4 UNION TEE**<br>1 |
| **54834** 7<br>**1/4T X 1/8P**<br>**MALE CONNECTOR**<br>2 | **54835** 8<br>**1/4T X 1/4P**<br>**MALE CONNECTOR**<br>2 | **54837** 9<br>**3/8T X 1/8P**<br>**MALE CONNECTOR**<br>1 | **54838** 10<br>**3/8T X 1/4P**<br>**MALE CONNECTOR**<br>2 | **54839** 11<br>**3/8T X 3/8P**<br>**MALE CONNECTOR**<br>1 | **54831** 12<br>**3/8 UNION TEE**<br>1 |
| **54846** 13<br>**1/4T X 1/8P**<br>**MALE ELBOW**<br>2 **90 SWIVEL** | **54847** 14<br>**1/4T X 1/4P**<br>**MALE ELBOW**<br>2 **90 SWIVEL** | **54849** 15<br>**3/8T X 3/8P**<br>**MALE ELBOW**<br>1 **90 SWIVEL** | **54850** 16<br>**3/8T X 1/4P**<br>**MALE ELBOW**<br>2 **90 SWIVEL** | **54851** 17<br>**3/8T X 3/8P**<br>**MALE ELBOW**<br>1 **90 SWIVEL** | **54869** 18<br>**3/8T X 1/4 P**<br>**MALE RUN TEE**<br>1 **90 SWIVEL** |
| **54880** 19<br>**1/4**<br>**BULKHEAD UNION**<br>1 | **54881** 20<br>**3/8**<br>**BULKHEAD UNION**<br>1 | **54872** 21<br>**1/4T X 1/8P**<br>**MALE BRANCH**<br>1 **TEE SWIVEL** | **54873** 22<br>**1/4T X 1/4P**<br>**MALE BRANCH**<br>1 **TEE SWIVEL** | **54875** 23<br>**3/8T X 1/4P**<br>**MALE BRANCH**<br>1 **TEE SWIVEL** | **54879** 24<br>**3/8T X 3/8P**<br>**MALE BRANCH**<br>1 **TEE SWIVEL** |

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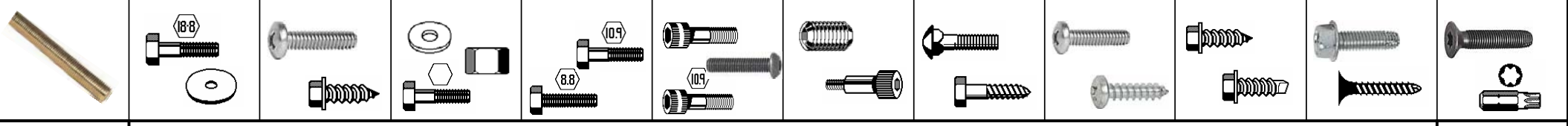
**PART # 2091**

# PRESS TO CONNECT FITTINGS

| | | | | | |
|---|---|---|---|---|---|
| 1 **54822** 2 **1/8 T X 1/8 P 90 MALE ELBOW** | 2 **54823** 2 **5/32 T X 1/8 P 90 MALE ELBOW** | 3 **54846** 2 **1/4 T X 1/8 P 90 MALE ELBOW** | 4 **54847** 2 **1/4 T X 1/4 P 90 MALE ELBOW** | 5 **54850** 1 **3/8 T X 1/4 P 90 MALE ELBOW** | 6 **54851** 1 **3/8 T X 3/8 P 90 MALE ELBOW** |
| 7 **54813** 2 **1/8 T X 1/16 P MALE CONNECTOR** | 8 **54814** 2 **1/8 T X 1/8 P MALE CONNECTOR** | 9 **54816** 2 **5/32 T X 1/8 P MALE CONNECTOR** | 10 **54834** 2 **1/4 T X 1/8 P MALE CONNECTOR** | 11 **54835** 2 **1/4 T X 1/4 P MALE CONNECTOR** | 12 **54838** 1 **3/8 T X 1/4 P MALE CONNECTOR** |
| 13 **54802** 2 **1/8 T UNION** | 14 **54803** 2 **5/32 T UNION** | 15 **54830** 2 **1/4 T UNION** | 16 **54831** 1 **3/8 T UNION** | 17 | 18 **54839** 1 **3/8 T X 3/8 P MALE CONNECTOR** |
| 19 **54802** 1 **1/8 T UNION TEE** | 20 **54803** 1 **5/32 T UNION TEE** | 21 **54830** 1 **1/4 T UNION TEE** | 22 **54831** 1 **3/8 T UNION TEE** | 23 | 24 |

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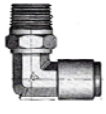
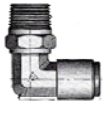
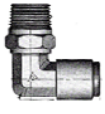
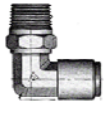
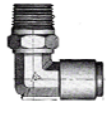
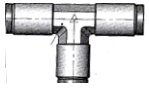
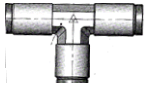
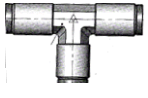
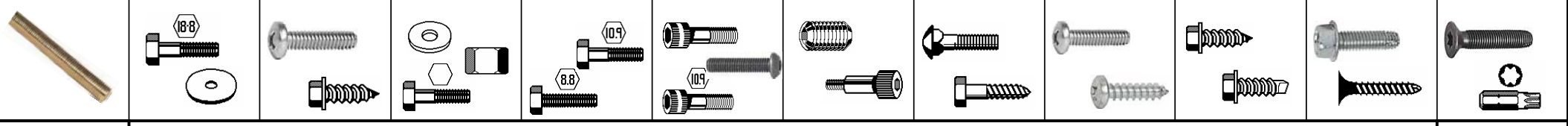
**PART # 2226**

# PRESS TO CONNECT FITTINGS

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 **54825** 2 **1/4 UNION** | 5 **54826** 2 **3/8 UNION** | 6 **54827** 1 **1/2 UNION** |
| 7 **54834** **MALE CONNECTOR** 2 **1/4T X 1/8P** | 8 **54835** **MALE CONNECTOR** 2 **1/4T X 1/4P** | 9 **54838** **MALE CONNECTOR** 2 **3/8T X 1/4P** | 10 **54839** **MALE CONNECTOR** 2 **3/8T X 3/8P** | 11 **54842** **MALE CONNECTOR** 1 **1/2T X 3/8P** | 12 **54843** **MALE CONNECTOR** 1 **1/2T X 1/2P** |
| 13 **54846**  **MALE ELBOW SWIVEL 90** 2 **1/4T X 1/8P** | 14 **54847**  **MALE ELBOW SWIVEL 90** 2 **1/4T X 1/4P** | 15 **54850**  **MALE ELBOW SWIVEL 90** 2 **3/8T X 1/4P** | 16 **54851**  **MALE ELBOW SWIVEL 90** 2 **3/8T X 3/8P** | 17 | 18 **54854**  **MALE ELBOW SWIVEL 90** 1 **1/2T X 3/8P** |
| 19 | 20 | 21 | 22 **54830**  **UNION TEE** 1 **1/4** | 23 **54831**  **UNION TEE** 1 **3/8** | 24 **54832**  **UNION TEE** 1 **1/2** |



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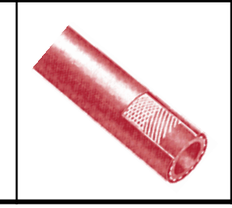
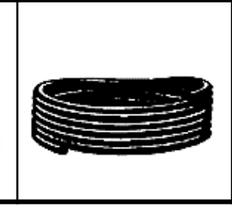
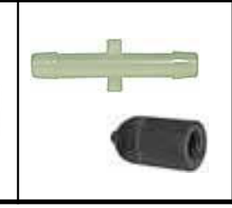
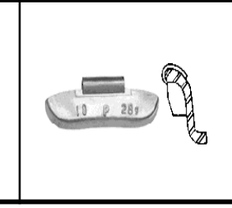
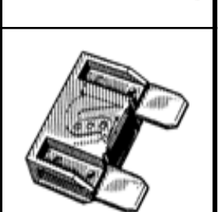
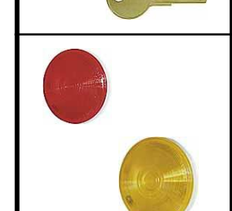
PART # 2250

## John Guest Fittings

| | | | | | |
|---|---|---|---|---|---|
| **PI 051223 S** 1<br> <br>3/8 Stem 3/8 NPT<br>Stem Adapter<br>2 | 2 | **PI 011222 S** 3<br> <br>3/8 T x 1/4 P<br>Male Conn<br>2 | 4 | **PI 091222 S** 5<br> <br>3/8 T x 1/4 P<br>90' Male Elbow<br>2 | **PI 0212S** 6<br> <br>3/8 Tube<br>Union Tee<br>2 |
| **PI 051222 S** 7<br> <br>3/8 Stem 1/4 NPT<br>Stem Adapter<br>2 | 8 | **PI 011221 S** 9<br> <br>3/8 T x 1/8 P<br>Male Conn<br>2 | **PI 011223 S** 10<br> <br>3/8 T x 3/8 P<br>Male Conn<br>2 | **PI 0412 S** 11<br> <br>3/8 Tube<br>Union<br>2 | **PI 0312 S** 12<br> <br>3/8 Tube<br>90' Union Elbow<br>2 |
| **PI 050822 S** 13<br> <br>1/4 Stem 1/4 NPT<br>Stem Adapter<br>2 | 14 | **PI 010822 S** 15<br> <br>1/4 T x 1/4 P<br>Male Conn<br>2 | 16 | **PI 090822 S** 17<br> <br>1/4 T x 1/4 P<br>90' Male Elbow<br>2 | **PI 0208 S** 18<br> <br>1/4 Tube<br>Union Tee<br>2 |
| **PI 050821 S** 19<br> <br>1/4 Stem 1/8 NPT<br>Stem Adapter<br>2 | 20 | **PI 010821 S** 21<br> <br>1/4 T x 1/8 P<br>Male Conn<br>2 | **PI 010823 S** 22<br> <br>1/4 T x 3/8 P<br>Male Conn<br>2 | **PI 0408 S** 23<br> <br>1/4 Tube<br>Union<br>2 | **PI 0308 S** 24<br> <br>1/4 Tube<br>90' Union Elbow<br>2 |





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## PART# 2860

# REUSABLE HOSE ENDS - AIRBRAKE

### 20842

3/8H-1/4P CONNECTOR

2

### 20855

1/2H-1/2P CONNECTOR

1

### 21517

3/8H-3/8P CONNECTOR

2

### 20841

3/8 SLEEVE

3

### 20843

3/8H-1/2P CONNECTOR

2

### 22197

1/2 UNION

1

### 20854

1/2H-3/8P CONNECTOR

2

### 20809

3/8 UNION

2

### 20850

1/2 SLEEVE

2

### 20844

3/8 NUT

3

### 20852

1/2 NUT

2

### 20845

3/8H-1/4P CONNECTOR W/ SPRING GUARD

2

### 21498

3/8H-3/8P CONNECTOR W/ SPRING GUARD

2

### 20846

3/8H-1/2P CONNECTOR W/ SPRING GUARD

2

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**PART # 2014**

# SAE FLARE BRASS

| | | | | | |
|---|---|---|---|---|---|
| **20345** 1<br> <br>48 X 3<br>3/16 X 1/8<br>1 MALE CONNECTOR | **20346** 2<br> <br>48 X 4<br>1/4 X 1/8<br>3 MALE CONNECTOR | **20347** 3<br> <br>48 X 4 X 4<br>1/4 X 1/4<br>2 MALE CONNECTOR | **20348** 4<br> <br>48 X 5<br>5/16 X 1/8<br>1 MALE CONNECTOR | **20349** 5<br> <br>48 X 5 X 4<br>5/16 X1/4<br>2 MALE CONNECTOR | **20330** 6<br> <br>41 X 3<br>3/16 TUBE<br>LONG NUT<br>3 |
| **20354** 7<br> <br>49 X 3<br>3/16 X 1/8<br>2 90 MALE ELBOW | **20355** 8<br> <br>49 X 4<br>1/4 X 1/8<br>2 90 MALE ELBOW | **20356** 9<br> <br>49 X 4 X 4<br>1/4 X 1/4<br>2 90 MALE ELBOW | **20357** 10<br> <br>49 X 5<br>5/16 X 1/8<br>1 90 MALE ELBOW | **20358** 11<br> <br>49 X 5 X 4<br>5/16 X 1/4<br>2 90 MALE ELBOW | **20331** 12<br> <br>41 X 4<br>1/4 TUBE<br>LONG NUT<br>3 |
| **20340** 13<br> <br>42 X 3<br>3/16 TUBE<br>UNION<br>2 | **20341** 14<br> <br>42 X 4<br>1/4 TUBE<br>UNION<br>3 | **20342** 15<br> <br>42 X 5<br>5/16 TUBE<br>UNION<br>2 | **22106** 16<br> <br>55 X 4<br>1/4 TUBE<br>FEM CONNECTOR<br>1 | **22108** 17<br> <br>55 X 5<br>5/16 TUBE<br>FEM CONNECTOR<br>1 | **20332** 18<br> <br>41 X 5<br>5/16 TUBE<br>LONG NUT<br>3 |
| **20373** 19<br> <br>44 X 3<br>3/16T X 1/8P<br>1 MALE BRANCH TEE | **20374** 20<br> <br>44 X 4<br>1/4 TUBE<br>2 MALE BRANCH TEE | **20375** 21<br> <br>44 X 5<br>5/16 TUBE<br>2 MALE BRANCH TEE | **20335** 22<br> <br>1110 X 3<br>3/16 SHORT NUT<br>4 | **20336** 23<br> <br>1110 X 4<br>1/4 SHORT NUT<br>3 | **20337** 24<br> <br>1110 X 5<br>5/16 SHORT NUT<br>3 |

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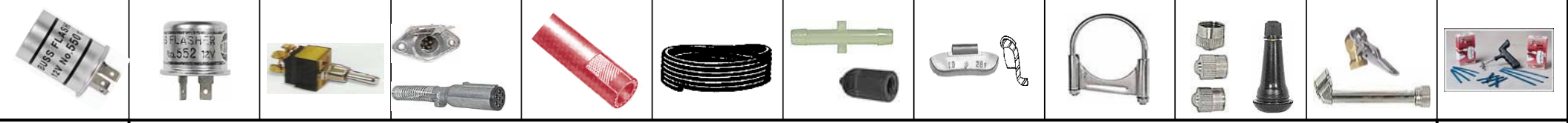
PART # 2022

## INVERTED FLARE BRASS

| | | | | | |
|---|---|---|---|---|---|
| **20378** 1<br> <br>105 X 3<br>3/16 NUT<br>10 | **20383** 2<br> <br>200 X 3<br>3/16 X 1/8<br>MALE CONNECTOR<br>5 | **20403** 3<br> <br>352 X 3<br>3/16 X 1/8<br>45 ELBOW<br>2 | **20395** 4<br> <br>400 X 6 X 2<br>3/8 X 1/8<br>90 ELBOW<br>2 | **20390** 5<br> <br>400 X 3<br>3/16 X 1/8<br>90 ELBOW<br>2 | **20399** 6<br> <br>300 X 3<br>3/16 TUBE UNION<br>5 |
| **20379** 7<br> <br>105 X 4<br>1/4 NUT<br>10 | **20384** 8<br> <br>200 X 4<br>1/4 X 1/8<br>MALE CONNECTOR<br>5 | **20404** 9<br> <br>352 X 4<br>1/4 X 1/8<br>45 ELBOW<br>2 | **20407** 10<br> <br>352 X 6<br>3/8 X 1/4<br>45 ELBOW<br>2 | **20391** 11<br> <br>400 X 4<br>1/4 X 1/8<br>90 ELBOW<br>2 | **20400** 12<br> <br>300 X 4<br>1/4 TUBE UNION<br>5 |
| **20380** 13<br> <br>150 X 5<br>5/16 NUT<br>10 | **20385** 14<br> <br>200 X 5<br>5/16 X 1/8<br>MALE CONNECTOR<br>5 | **21424** 15<br> <br>200 X 5 X 4<br>5/16 X 1/4<br>MALE CONNECTOR<br>3 | **20405** 16<br> <br>352 X 5<br>5/16 X 1/8<br>45 ELBOW<br>2 | **20392** 17<br> <br>400 X 5<br>5/16 X 1/8<br>90 ELBOW<br>2 | **20401** 18<br> <br>300 X 5<br>5/16 TUBE UNION<br>3 |
| **20381** 19<br> <br>150 X 6<br>3/8 NUT<br>10 | **20386** 20<br> <br>200 X 6 X 2<br>3/8 X 1/8<br>MALE CONNECTOR<br>3 | **20387** 21<br> <br>200 X 6<br>3/8 X 1/4<br>MALE CONNECTOR<br>4 | **20406** 22<br> <br>352 X 5 X 4<br>5/16 X 1/4<br>45 ELBOW<br>2 | **20396** 23<br> <br>400 X 6<br>3/8 X 1/4<br>90 ELBOW<br>2 | **20402** 24<br> <br>300 X 6<br>3/8 TUBE UNION<br>2 |



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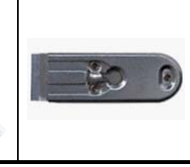
PART # 2124

# BRAKELINE ADAPTERS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 20377 1<br>1/8 NUT<br>5 | 20378 2<br>3/16 NUT<br>5 | 20379 3<br>1/4 NUT<br>5 | 20380 4<br>5/16 NUT<br>5 | 20381 5<br>3/8 NUT<br>2 | 20398 6<br>1/8 UNION<br>1 | 20399 7<br>3/16 UNION<br>3 | 20400 8<br>1/4 UNION<br>3 |
| 20401 9<br>5/16 UNION<br>2 | 20402 10<br>3/8 UNION<br>1 | 20383 11<br>3/16T – 1/8P<br>3 MALE CONN. | 20384 12<br>1/4T – 1/8P<br>3 MALE CONN. | 20385 13<br>5/16T – 1/8P<br>3 MALE CONN. | 21424 14<br>5/16T – 1/4P<br>3 MALE CONN. | 20387 15<br>3/8T – 1/4P<br>2 MALE CONN. | 40371 16<br>3/16F – 5/16M<br>1 CONVERSION |
| 17 | 40370 18<br>3/16F – 1/4M<br>1 CONVERSION | 40378 19<br>1/4F – 9/16-18M<br>1 CONVERSION | 40375 20<br>3/16F – 9/16-18M<br>1 CONVERSION | 21 | 40374 22<br>1/4F – 5/16M<br>1 CONVERSION | 40372 23<br>1/4F – 3/16M<br>1 CONVERSION | 20403 24<br>3/16T – 1/8P<br>1 45* ELBOW |
| 20404 25<br>1/4T – 1/8P<br>1 45* ELBOW | 20406 26<br>5/16T – 1/4P<br>1 45* ELBOW | 20407 27<br>3/8T – 1/4P<br>1 45* ELBOW | 20390 28<br>3/16T – 1/8P<br>3 90* ELBOW | 20391 29<br>1/4T – 1/8P<br>3 90* ELBOW | 20394 30<br>5/16T – 1/4P<br>1 90* ELBOW | 20396 31<br>3/8T – 1/4P<br>1 90* ELBOW | 20411 32<br>1/4 TUBE<br>1 FORD NUT |



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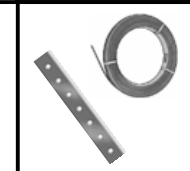
**PART # 2247**

# BRAKE LINE ADAPTER KIT

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **40370** 1<br>3/16" F - 1/4" M BRASS INV FLARE ADAPT<br>2 | **40371** 2<br>3/16" F – 5/16" M BRASS INV FLARE ADAPT<br>2 | **40375** 3<br>3/16" F – 9/16"-18 M BRASS INV FLARE ADAPT<br>2 | **40372** 4<br>1/4" F – 3/16" M BRASS INV FLARE ADAPT<br>2 | **40374** 5<br>1/4" F – 5/16" M BRASS INV FLARE ADAPT<br>2 | **40378** 6<br>1/4" F – 9/16"-18 M BRASS INV FLARE ADAPT<br>2 | **40380** 7<br>3/16" F – M10 X 1 EURO INV FLARE ADAPT<br>2 | **40381** 8<br>3/16" F – M10 X 1 JAPANESE INV FLARE ADAPT<br>2 |
| **40384** 9<br>M10 X 1.00 BUBBLE INV FLARE UNION<br>2 | **40385** 10<br>M10 X 1.00 STANDARD INV FLARE UNION<br>2 | **40386** 11<br>M11 X 1.50 BRAKE LINE ADAPT<br>2 | **40387** 12<br>M12 X 1.00 BRAKE LINE ADAPT<br>2 | **40388** 13<br>M13 X 1.50 BRAKE LINE ADAPT<br>2 | **40382** 14<br>3/16" M10 X 1 EURO/DOMESTIC TUBE NUT<br>2 | **40383** 15<br>3/16" M10 X 1 JAPANESE TUBE NUT<br>2 | **40389** 16<br>3/16" M10 X 1 TOYOTA, GM LONG NUT<br>2 |
| **20378** 17<br>3/16" STEEL TUBE NUT<br>2 | **20379** 18<br>1/4" STEEL TUBE NUT<br>2 | **20380** 19<br>5/16" STEEL TUBE NUT<br>2 | **20381** 20<br>3/8" STEEL TUBE NUT<br>2 | 21 | 22 | 23 | 24 |
| **20292** 25<br>3/16" BRASS COMPRESSION UNION<br>2 | **20293** 26<br>1/4" BRASS COMPRESSION UNION<br>2 | **20294** 27<br>5/16" BRASS COMPRESSION UNION<br>2 | **20295** 28<br>3/8" BRASS COMPRESSION UNION<br>2 | **20399** 29<br>3/16" BRASS INV FLARE UNION<br>2 | **20400** 30<br>1/4" BRASS INV FLARE UNION<br>2 | **20401** 31<br>5/16" BRASS INV FLARE UNION<br>2 | **20402** 32<br>3/8" BRASS INV FLARE UNION<br>2 |



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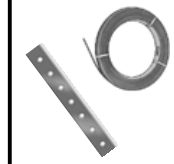

PART # 2251

# BRAKE & FUEL LINE TUBE NUTS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **20378** 1<br>3/16" I/F<br>2 NUT | **20379** 2<br>1/4" I/F<br>2 NUT | **20380** 3<br>5/16" I/F<br>2 NUT | **42378** 4<br>3/16" I/F<br>2 LONG NUT | **42379** 5<br>1/4" I/F<br>2 LONG NUT | **20399** 6<br>3/16" I/F<br>2 UNION | **20400** 7<br>1/4" I/F<br>2 UNION | **20401** 8<br>5/16" I/F<br>2 UNION |
| **42377** 9<br>(7/16 HEX)<br>3/16" VIOLET<br>2 NUT | **42350** 10<br>3/16" 7/16-24<br>OVERSIZE<br>2 NUT | **42351** 11<br>3/16" 1/2-20<br>OVERSIZE<br>2 NUT | **42352** 12<br>3/16" 9/16-18<br>OVERSIZE<br>2 NUT | **42353** 13<br>1/4" 9/16-18<br>OVERSIZE<br>2 NUT | **42354** 14<br>1/4" 1/2-20<br>OVERSIZE<br>2 NUT | **40384** 15<br>3/16" M10-1.00<br>BUBBLE<br>FLARE<br>2 UNION | **40385** 16<br>3/16" M10-1.00<br>I/F<br>2 UNION |
| **40382** 17<br>3/16" M10-1.00<br>BUBBLE<br>2 FLARE | **42369** 18<br>3/16" M10-1.00<br>BUBBLE<br>2 FLARE | **42362** 19<br>3/16" M11-1.50<br>BUBBLE<br>2 FLARE | **42363** 20<br>3/16" M12-1.00<br>BUBBLE<br>2 FLARE | **42364** 21<br>3/16" M13-1.50<br>BUBBLE<br>2 FLARE | **40380** 22<br>3/16" M10-1.00<br>BUBBLE CONV<br>2 ADAPTER | **40381** 23<br>3/16" M10-1.00<br>I/F CONV<br>2 ADAPTER | **40386** 24<br>3/16" M10-1.50<br>BUBBLE CONV<br>2 ADAPTER |
| **40383** 25<br>3/16" M10-1.00<br>I/F<br>2 NUT | **42358** 26<br>3/16" M10-1.00<br>I/F<br>2 NUT | **42359** 27<br>1/4" M12-1.00<br>I/F<br>2 NUT | **40389** 28<br>3/16" M10-1.00<br>I/F<br>2 NUT | **42360** 29<br>3/16" M10-1.00<br>I/F<br>2 NUT | **40387** 30<br>3/16" M12-1.00<br>BUBBLE CONV<br>2 ADAPTER | **40388** 31<br>3/16" M13-1.50<br>BUBBLE CONV<br>2 ADAPTER | **42374** 32<br>3/8"<br>M16-1.50<br>**42375**<br>5/16"<br>M14-1.50<br>2 |

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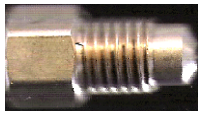
PART # 3031



# BRAKELINE ADAPTERS

J & B FLEET-INDUSTRIAL SUPPLY
PHONE: 330-821-6342

| | | | | | |
|---|---|---|---|---|---|
| **40380**<br>**3/16- M10 X 1" EUROPEAN**<br>2 | **40381**<br>**3/16– M10 X 1" JAPANESE**<br>2 | **40382**<br>**METRIC BLUE LINE NUT**<br>2 | **40383**<br>**METRIC PURPLE LINE NUT**<br>2 | | |
| **40384**<br>**METRIC BUBBLE UNION M10 X 1.0**<br>2 | **40385**<br>**METRIC INVERTED FLARE M10 X 1.0**<br>2 | **40386**<br>**METRIC M11 X 1.5**<br>2 | **40387**<br>**METRIC M12 X 1.0**<br>2 | **40388**<br>**METRIC M13 X 1.5**<br>2 | |
| **40370**<br>**3/16 F - 1/4 M**<br>2 | **40371**<br>**3/16 F - 5/16 M**<br>2 | **40375**<br>**3/16 F - 9/16-18 M**<br>2 | **40372**<br>**1/4 F - 3/16 M**<br>2 | **40374**<br>**1/4 F - 5/16 M**<br>2 | **40378**<br>**1/4 F—9/16-18 M**<br>2 |

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PART # 3080

# BRAKE LINE FITTINGS

J & B FLEET-INDUSTRIAL SUPPLY
PHONE: 330-821-6342

| | | | | | |
|---|---|---|---|---|---|
| **42350**<br>**3/16 RED OVERSIZED TUBE NUT**<br>2 | **42351**<br>**3/16 GREEN OVERSIZED TUBE NUT**<br>2 | **42352**<br>**3/16 OLIVE OVERSIZED TUBE NUT**<br>2 | **42353**<br>**1/4 BLUE OVERSIZED TUBE NUT**<br>2 | **42354**<br>**1/4 SILVER OVERSIZED TUBE NUT**<br>2 | |
| **40382**<br>**3/16 M10 X 1.00 OLIVE TUBE NUT**<br>2 | **42362**<br>**3/16 M11 X 1.50 ORANGE TUBE NUT**<br>2 | **42363**<br>**3/16 M12 X 1.00 BLUE TUBE NUT**<br>2 | **42364**<br>**3/16 M13 X 1.50 GREEN TUBE NUT**<br>2 | | |

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Part # 3081

# BRAKE LINE FITTINGS & ADAPTERS

J & B FLEET-INDUSTRIAL SUPPLY
PHONE: 330-821-6342

| | | | | | |
|---|---|---|---|---|---|
| **40382**<br>3/16"<br>OLIVE<br>STEEL TUBE<br>NUT<br>2 | **40380**<br>3/16"F x M10 M<br>BRASS<br>CONVERSION<br>INVERTED<br>FLARE ADAPTER<br>2 | **42362**<br>3/16"<br>ORANGE<br>BRASS TUBE<br>NUT<br>2 | **42363**<br>3/16"<br>BLUE<br>BRASS TUBE<br>NUT<br>2 | **42364**<br>3/16"<br>GREEN<br>BRASS TUBE<br>NUT<br>2 | **42369**<br>3/16"<br>GOLD<br>BRASS TUBE<br>NUT<br>2 |
| **40383**<br>3/16"<br>BLUE<br>STEEL TUBE<br>NUT<br>2 | **40384**<br>M10 X 1.00<br>METRIC<br>BUBBLE<br>UNION<br>2 | **40381**<br>3/16"F x M10 M<br>BRASS<br>CONVERSION<br>INVERTED<br>FLARE ADAPTER<br>2 | **40385**<br>M10 X 1.00<br>STANDARD<br>INVERTED<br>FLARE<br>METRIC UNION<br>2 | | |