

For Residential and Commercial Applications

Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

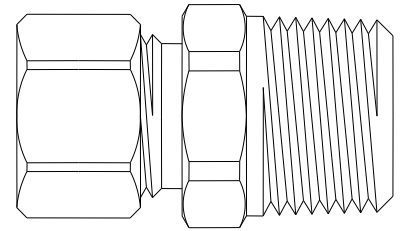
11/ 13/ 31/ 33 Series Compression x Male Iron Pipe Unions – Drill Through

Use: For use with instrumentation, hydraulic and pneumatic systems. Designed for use with aluminum, copper and plastic tubing. Not intended for use with steel tubing

* Plastic tubing requires a plastic insert and sleeve (see 60PT & 63PT submittal forms for details).

Design Features:

- **Little to no tube preparation.** Compression fittings do not require flaring, soldering or other types of tube preparation
- **Available in a broad range of sizes**
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Operating Specifications:

Temperature: -65° - 250° F at maximum operating pressures
Working Pressure: See chart below

WORKING PRESSURE		
PSI	Tube O.D.	Tube Wall (Inches)
400	1/8	0.030
400	3/16	0.030
300	1/4	0.030
300	5/16	0.032
200	3/8	0.032
200	1/2	0.032
150	5/8	0.035
100	3/4	0.035
75	7/8	0.035

Standard

FITTING MATERIAL SPECIFICATIONS	
Body	Brass
Compression Sleeve	Brass
Compression Nut	Brass, plated

Low-lead

FITTING MATERIAL SPECIFICATIONS	
Body	Low-lead brass
Compression Sleeve	Brass
Compression Nut	Brass, plated

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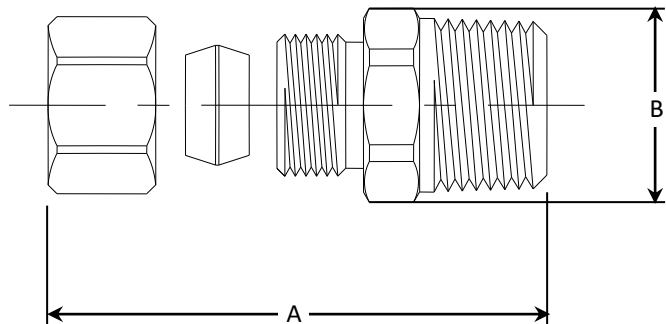
Standard Part Listing:

- 11 C 3/8" MIP x 3/8" OD tube, chrome plated
- 11 CBT 3/8" MIP x 3/8" OD tube, chrome plated, plain tray, bulk
- 11 R 3/8" MIP x 3/8" OD tube, rough brass
- 11-1 CBT 3/8" MIP x 3/8" OD tube – body only, chrome plated, plain tray, bulk
- 11-1 RBT 3/8" MIP x 3/8" OD tube – body only, rough brass, plain tray, bulk
- 31 C 3/8" MIP x 1/2" OD tube, chrome plated
- 31 R 3/8" MIP x 1/2" OD tube, rough brass
- 31-1 CBT 3/8" MIP x 1/2" OD tube – body only, chrome plated, plain tray, bulk
- 31-1 RBT 3/8" MIP x 1/2" OD tube – body only, rough brass, plain tray, bulk
- 13 C 1/2" MIP x 3/8" OD tube, chrome plated
- 13 R 1/2" MIP x 3/8" OD tube, rough brass
- 13 CBT 1/2" MIP x 3/8" OD tube, chrome plated, plain tray, bulk
- 13-1 CBT 1/2" MIP x 3/8" OD tube – body only, chrome plated, plain tray, bulk
- 13-1 RBT 1/2" MIP x 3/8" OD tube – body only, rough brass, plain tray, bulk
- 33 C 1/2" MIP x 1/2" OD tube, chrome plated
- 33-1 CBT 1/2" MIP x 1/2" OD tube – body only, chrome plated, plain tray, bulk
- 33-1 RBT 1/2" MIP x 1/2" OD tube – body only, rough brass, plain tray, bulk
- 68-8DT 1/2" MIP x 1/2" OD tube, rough brass

Low-lead Part Listing:

- 11X C 3/8" MIP x 3/8" OD tube, chrome plated

PART DIMENSIONS (Inches)		
Model	DIM. A	HEX. B
11	1.34	11/16
31	1.43	11/16
13	1.44	7/8
33	1.59	7/8
68-8 DT	1.59	7/8



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