

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).

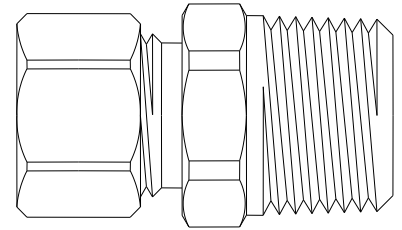
Design Features:

- **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**
- 

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

This specification and all information contained herein is the confidential and exclusive property of Brasscraft Manufacturing Company and shall not be disclosed to others without the written consent of Brasscraft Mfg. Co. This specification must be returned to Brasscraft Mfg. Co. if requested.

300.237 11/13/31/33 Series Drill Through Union - Comp x MIP REV 9.19

BrassCraft®

©2019 Brasscraft Manufacturing Company

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

Standard Part Listing:

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

Low-lead Part Listing:

<input type="checkbox"/>	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

