

## For Residential and Commercial Applications

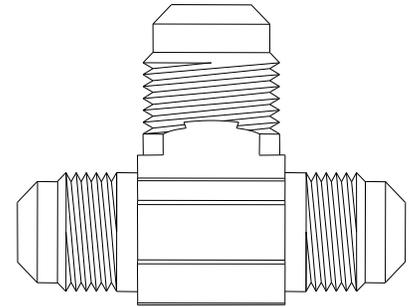
Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

### 44 Series Flare Tees / Flare Reducing Tees

**Use:** For use with fuel, oil, liquefied petroleum (LP), and natural gas lines. Designed for use with aluminum, copper, brass, and welded steel tubing that can be flared.

**Design Features:**

- **Recommended for higher pressures** than those covered by compression fittings
- **Resist mechanical pull out**
- **Available in a broad range of sizes**



**Operating Specifications:**

- Temperature:** -65° to 250° F at maximum operating pressures
- Working Pressure:** See chart below
- Vibration:** Good vibration resistance\*

\*Recommend long flare nuts when greater vibration resistance is required

<b>MAXIMUM WORKING PRESSURES</b>										
Service Conditions	Tube O.D.	Type of Tubing and Wall Thickness (Inches)								
		Copper – Dead Soft (Seamless)					Copper – Half Hard (Seamless)			
		.030"	.032"	.035"	.049"	.065"	.032"	.035"	.042"	.049"
Safety Factor 4-1	1/8	4300		5000			5000			
	3/16	2850		3300			3400			
	1/4	2100	2250	2500			2500			
	5/16		1800	2000			2000			
	3/8		1500	1650			1700	1850		
	1/2		1100	1250		2000	1250	1400		2600
	5/8			1000	1400	1800	1000		1500	2000
	3/4			850	1150	1500			1100	1700
	7/8								1100	1500
Safety Factor 6-1	1/8	2800		3350			3400			
	3/16	1900		2200			2250			
	1/4	1430	1500	1650			1700			
	5/16		1200	1300			1350			
	3/8		100	1100			1100	1200		
	1/2		750	825		1550	850	925		1750
	5/8			650	930	1200	675		1000	1350
	3/4			550	775	1000			725	1100
	7/8								750	1000

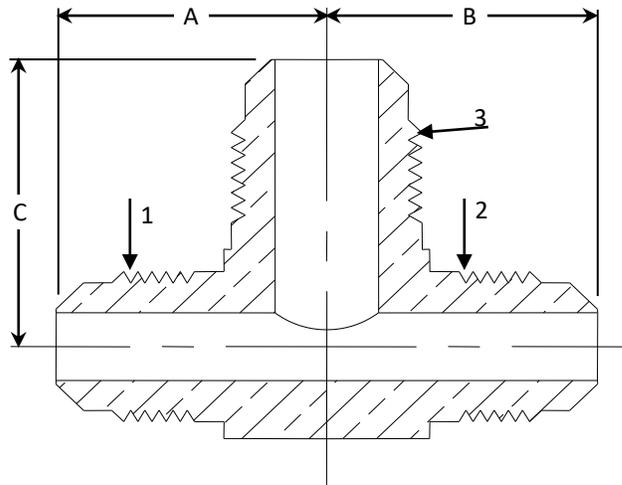
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# 44 Series Flare Tees / Flare Reducing Tees

FITTING MATERIAL SPECIFICATIONS	
Body	Brass

PART DIMENSIONS (Inches)						
Model	Straight Threads (1)	Straight Threads (2)	Straight Threads (3)	DIM. A	DIM. B	DIM. C
44-3	3/8-24	3/8-24	3/8-24	.73	.73	.73
44-4	7/16-20	7/16-20	7/16-20	.86	.86	.86
44-5	1/2-20	1/2-20	1/2-20	.86	.86	.86
44-6-6-8	5/8-18	5/8-18	3/4-16	1.07	1.07	1.20
44-6	5/8-18	5/8-18	5/8-18	1.04	1.04	1.04
44-8-6-6	3/4-16	5/8-18	5/8-18	1.20	1.07	1.07
44-8-6-8	3/4-16	5/8-18	3/4-16	1.20	1.07	1.20
44-8-8-6	3/4-16	3/4-16	5/8-18	1.20	1.20	1.07
44-8	3/4-16	3/4-16	3/4-16	1.20	1.20	1.20
44-10-6-6	7/8-14	5/8-18	5/8-18	1.39	1.04	1.14
44-10-10-8	7/8-14	7/8-14	3/4-16	1.39	1.39	1.26
44-10	7/8-14	7/8-14	7/8-14	1.39	1.39	1.39



**Part Listing:**

- 44-3                    3/16" OD tube, all three ends
- 44-3 B                3/16" OD tube, all three ends, bulk
- 44-4                    1/4" OD tube, all three ends
- 44-4 B                1/4" OD tube, all three ends, bulk
- 44-4WN              1/4" OD tube, all three ends, flare nuts included
- 44-5                    5/16" OD tube, all three ends
- 44-5 B                5/16" OD tube, all three ends, bulk
- 44-6-6-8             3/8" OD tube x 3/8" OD tube x 1/2" OD tube
- 44-6-6-8 B         3/8" OD tube x 3/8" OD tube x 1/2" OD tube, bulk
- 44-6                    3/8" OD tube, all three ends
- 44-6 B                3/8" OD tube, all three ends, bulk

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## 44 Series Flare Tees / Flare Reducing Tees

### Part Listing (con't):

<input type="checkbox"/>	44-6WN	3/8" OD tube, all three ends, flare nuts included
<input type="checkbox"/>	44-8-6-6	1/2" OD tube x 3/8" OD tube x 3/8" OD tube
<input type="checkbox"/>	44-8-6-6 B	1/2" OD tube x 3/8" OD tube x 3/8" OD tube, bulk
<input type="checkbox"/>	44-8-6-6WN	1/2" OD tube x 3/8" OD tube x 3/8" OD tube, flare nuts included
<input type="checkbox"/>	44-8-6-8	1/2" OD tube x 3/8" OD tube x 1/2" OD tube
<input type="checkbox"/>	44-8-6-8 B	1/2" OD tube x 3/8" OD tube x 1/2" OD tube, bulk
<input type="checkbox"/>	44-8-8-6	1/2" OD tube x 1/2" OD tube x 3/8" OD tube
<input type="checkbox"/>	44-8-8-6 B	1/2" OD tube x 1/2" OD tube x 3/8" OD tube, bulk
<input type="checkbox"/>	44-8-8-6WN K25	1/2" OD tube x 1/2" OD tube x 3/8" OD tube, flare nuts included, pack of 25
<input type="checkbox"/>	44-8	1/2" OD tube, all three ends
<input type="checkbox"/>	44-8 B	1/2" OD tube, all three ends, bulk
<input type="checkbox"/>	44-8WN	1/2" OD tube, all three ends, flare nuts included
<input type="checkbox"/>	44-10-6-6	5/8" OD tube x 3/8" OD tube x 3/8" OD tube
<input type="checkbox"/>	44-10-10-8	5/8" OD tube x 5/8" OD tube x 1/2" OD tube
<input type="checkbox"/>	44-10-10-8 B	5/8" OD tube x 5/8" OD tube x 1/2" OD tube, bulk
<input type="checkbox"/>	44-10	5/8" OD tube, all three ends
<input type="checkbox"/>	44-10 B	5/8" OD tube, all three ends, bulk
<input type="checkbox"/>	44-10WN	5/8" OD tube, all three ends, flare nuts included