

**For Residential and Commercial Applications**

Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

## FC-6 Fine Thread Flare Cap

**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**

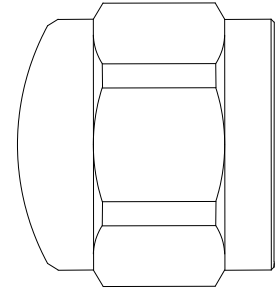
**Operating Specifications:**

**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



MATERIAL SPECIFICATIONS	
<b>Fitting Body</b>	C36000 brass

MAXIMUM WORKING PRESSURES										
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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# FC-6 Fine Thread Flare Cap

**Part Listing:**

- FC-6 3/8" O.D. Flare (9/16-24 Fine Thread)
- FC-6 RB 3/8" O.D. Flare (9/16-24 Fine Thread), bulk

<b>PART DIMENSIONS (Inches)</b>			
<b>Model</b>	<b>Straight Thread</b>	<b>DIM. A</b>	<b>HEX. B</b>
FC-6	9/16-24	.62	5/8

