

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**

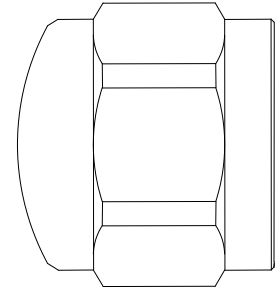
Operating Specifications:

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

Fitting Body	C36000 brass
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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"	.065"		
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

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

