

For Residential and Commercial Applications

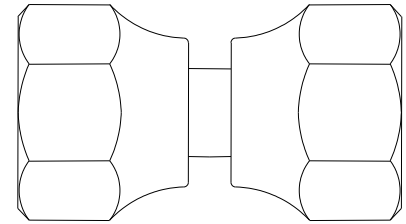
Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

114FSV Series Swivel Flare Nut Connector

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° - 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

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	

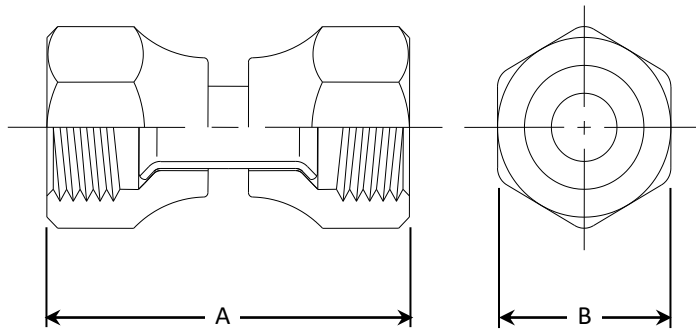
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114FSV Series Swivel Flare Nut Connector

FITTING MATERIAL SPECIFICATIONS	
Nuts	Brass
Tube	Copper

PART DIMENSIONS (Inches)			
Model	Straight Threads	DIM. A	HEX. B
114FSV-4	7/16-20	1.35	5/8
114FSV-6	5/8-18	1.50	13/16
114FSV-8	3/4-14	1.90	15/16
114FSV-10	7/8-14	2.14	1-1/16



Part Listing:

- 114FSV-4 1/4" OD tube, both ends
- 114FSV-4 B 1/4" OD tube, both ends, bulk
- 114FSV-5 5/16" OD tube, both ends
- 114FSV-6 3/8" OD tube, both ends
- 114FSV-6 B 3/8" OD tube, both ends, bulk
- 114FSV-6 P 3/8" OD tube, both ends, bagged
- 114FSV-8 1/2" OD tube, both ends
- 114FSV-8 B 1/2" OD tube, both ends, bulk
- 114FSV-8 P 1/2" OD tube, both ends, bagged
- 114FSV-10 5/8" OD tube, both ends
- 114FSV-10 P 5/8" OD tube, both ends, bagged

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