

## For Residential and Commercial Applications

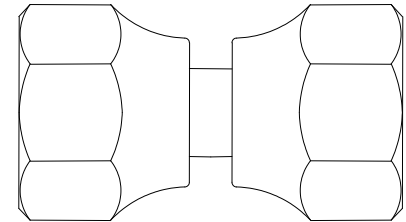
Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

### 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"	.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	

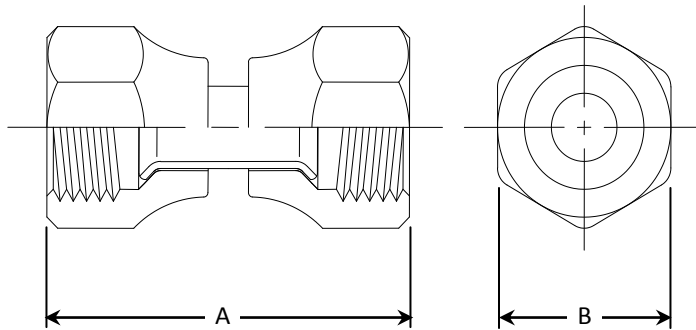
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# 114FSV Series Swivel Flare Nut Connector

MATERIAL SPECIFICATIONS	
<b>Fitting Nuts</b>	C36000 brass
<b>Tube</b>	C12200 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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