

Job Name:

Engineer/Architect:

Job Location:

Wholesaler:

Submittal Date:

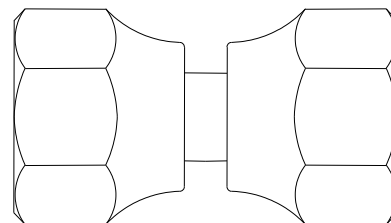
Contractor:

## 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

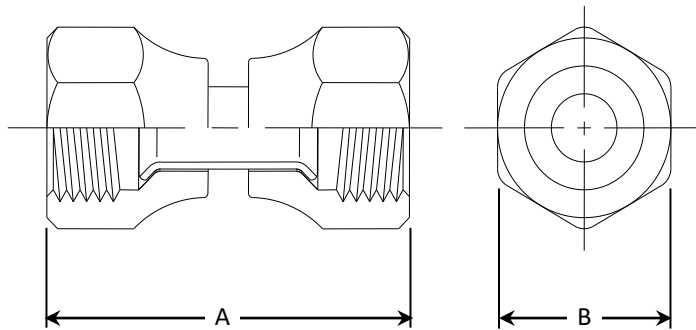
MAXIMUM WORKING PRESSURES											
Service Conditions	Tube O.D.	Type of Tubing and Wall Thickness (Inches)									
		Copper – Dead Soft (Seamless)					Copper – Half Hard (Seamless)				
		.030"	.032"	.035"	.049"	.065"	.032"	.035"	.042"	.049"	.065"
Safety Factor 4-1	1/8	4300		5000			5000				
	3/16	2850		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

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:

<input type="checkbox"/>	114FSV-4	1/4" OD tube, both ends
<input type="checkbox"/>	114FSV-4 B	1/4" OD tube, both ends, bulk
<input type="checkbox"/>	114FSV-5	5/16" OD tube, both ends
<input type="checkbox"/>	114FSV-6	3/8" OD tube, both ends
<input type="checkbox"/>	114FSV-6 B	3/8" OD tube, both ends, bulk
<input type="checkbox"/>	114FSV-6 P	3/8" OD tube, both ends, bagged
<input type="checkbox"/>	114FSV-8	1/2" OD tube, both ends
<input type="checkbox"/>	114FSV-8 B	1/2" OD tube, both ends, bulk
<input type="checkbox"/>	114FSV-8 P	1/2" OD tube, both ends, bagged
<input type="checkbox"/>	114FSV-10	5/8" OD tube, both ends
<input type="checkbox"/>	114FSV-10 P	5/8" OD tube, both ends, bagged

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