For Residential and Commercial Applications				
Job Name	Engineer / Architect			
Job Location	Wholesaler			
Submittal Date	Contractor			

141S Series Forged Refrigeration Flare Nut - Short

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:

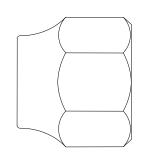
- Recommended for higher pressures than those covered by compression fittings
- Resist mechanical pull out
- Available in a broad range of sizes

Operating Specifications:

Temperature: -65°- 250° F at maximum operating pressures

Working Pressure: see chart below

Vibration: Good vibration resistance*





MAXIMUM WORKING PRESSURES											
	Tube O.D.	Type of Tubing and Wall Thickness (Inches)									
Service Conditions		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
	1/8	2800		3350			3400				
	3/16	1900		2200			2250				
	1/4	1430	1500	1650			1700				
Safety Factor 6-1	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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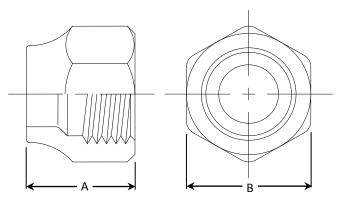
^{*}Recommend long flare nuts when greater vibration resistance is required

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MATERIAL SPECIFICATIONS			
Nut body	C37700 brass		

PART DIMENSIONS (Inches)				
Model	Straight Threads	DIM. A	НЕХ. В	
141S-4	7/16-20	.63	5/8	
141S-5	1/2-20	.66	11/16	
141S-6-4	5/8-18	.72	13/16	
141S-6	5/8-18	.72	13/16	
141S-8-6	3/4-16	.84	15/16	

PART DIMENSIONS (Inches)				
Model	Straight Threads	DIM. A	нех. в	
141S-8	3/4-16	.84	15/16	
141S-10-8	7/8-14	.97	1-1/16	
141S-10	7/8-14	.97	1-1/16	
141S-12	1-1/16-14	1.16	1-5/16	
141S-14	1-1/4-12	1.19	1-5/8	



Part Listing:

141S-4	1/4" OD Tube
141S-4 B	1/4" OD Tube, bulk
141S-5	5/16" OD Tube
141S-5 B	5/16" OD Tube, bulk
141S-6-4	3/8" OD Tube x 1/4" OD Tube
141S-6-4 B	3/8" OD Tube x 1/4" OD Tube, bulk
141S-6	3/8" OD Tube
141S-6 B	3/8" OD Tube, bulk
141S-8-6	1/2" OD Tube x 3/8" OD Tube
141S-8-6 B	1/2" OD Tube x 3/8" OD Tube, bulk
141S-8	1/2" OD Tube
141S-8 B	1/2" OD Tube, bulk
141S-10-8	5/8" OD Tube x 1/2" OD Tube
141S-10-8 B	5/8" OD Tube x 1/2" OD Tube, bulk
141S-10	5/8" OD Tube
141S-10 B	5/8" OD Tube, bulk
141S-12	3/4" OD Tube
141S-12 B	3/4" OD Tube
141S-14	1" OD Tube

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