

### Additional Data/Spec Sheet

LP Brass Adapter Fittings – NPT Male x SAE Male 45° Flare Adapter

## 48F

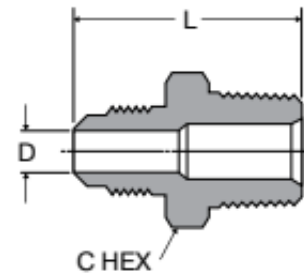
Male Connector

Ref. SAE 010102



Part Number	Tube Size	Pipe Thread	Straight Thread
48F-2-2	1/8	1/8	5/16-24
48F-3-2	3/16	1/8	3/8-24
48F-3-4	3/16	1/4	3/8-24
48F-4-2	1/4	1/8	7/16-20
48F-4-4	1/4	1/4	7/16-20
48F-4-6	1/4	3/8	7/16-20
48F-4-8	1/4	1/2	7/16-20
48F-5-2	5/16	1/8	1/2-20
48F-5-4	5/16	1/4	1/2-20
48F-5-6	5/16	3/8	1/2-20
48F-6-2	3/8	1/8	5/8-18
48F-6-4	3/8	1/4	5/8-18
48F-6-6	3/8	3/8	5/8-18
48F-6-8	3/8	1/2	5/8-18
48F-6-12*	3/8	3/4	5/8-18
48F-8-4	1/2	1/4	3/4-16
48F-8-6	1/2	3/8	3/4-16
48F-8-8	1/2	1/2	3/4-16
48F-8-12	1/2	3/4	3/4-16
48F-10-4	5/8	1/4	7/8-14
48F-10-6	5/8	3/8	7/8-14
48F-10-8	5/8	1/2	7/8-14
48F-10-12*	5/8	3/4	7/8-14
48F-12-8*	3/4	1/2	1-1/16-14
48F-12-12*	3/4	3/4	1-1/16-14
48F-14-12*	7/8	3/4	1-1/4-12

\* Comes standard with thread protectors.



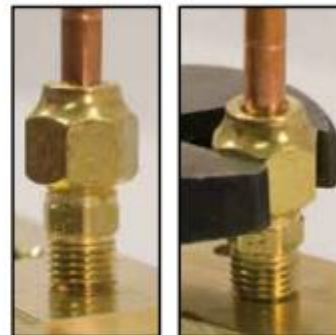
## Male Connector 48F

REF. SAE 010102

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	FLOW DIA. D
48F-2-2	1/8	1/8	5/16-24	7/16	.91	.078
48F-3-2	3/16	1/8	3/8-24	7/16	.98	.125
48F-3-4	3/16	1/4	3/8-24	9/16	1.17	.125
48F-4-2	1/4	1/8	7/16-20	7/16	1.04	.189
48F-4-4	1/4	1/4	7/16-20	9/16	1.23	.189
48F-4-6	1/4	3/8	7/16-20	11/16	1.29	.189
48F-4-8	1/4	1/2	7/16-20	7/8	1.54	.189
48F-5-2	5/16	1/8	1/2-20	1/2	1.14	.220
48F-5-4	5/16	1/4	1/2-20	9/16	1.32	.220
48F-5-6	5/16	3/8	1/2-20	11/16	1.36	.220
48F-6-2	3/8	1/8	5/8-18	5/8	1.23	.220
48F-6-4	3/8	1/4	5/8-18	5/8	1.42	.282
48F-6-6	3/8	3/8	5/8-18	11/16	1.42	.282
48F-6-8	3/8	1/2	5/8-18	7/8	1.67	.282
48F-6-12*	3/8	3/4	5/8-18	1-1/16	1.79	.282
48F-8-4	1/2	1/4	3/4-16	3/4	1.60	.407
48F-8-6	1/2	3/8	3/4-16	3/4	1.60	.407
48F-8-8	1/2	1/2	3/4-16	7/8	1.79	.407
48F-8-12	1/2	3/4	3/4-16	1-1/16	1.92	.407
48F-10-4	5/8	1/4	7/8-14	7/8	1.79	.313
48F-10-6	5/8	3/8	7/8-14	7/8	1.79	.408
48F-10-8	5/8	1/2	7/8-14	7/8	1.98	.501
48F-10-12*	5/8	3/4	7/8-14	1-1/16	2.04	.501
48F-12-8*	3/4	1/2	1-1/16-14	1-1/16	2.17	.563
48F-12-12*	3/4	3/4	1-1/16-14	1-1/16	2.17	.626
48F-14-12*	7/8	3/4	1-1/4-12	1-1/4	2.35	.751

## Assembly Instructions

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Place nut onto tube. Place threaded end of nut toward end of tube.
3. Flare tube end with flaring tool to provide 45° flare.
4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight. Tighten with a wrench an additional 1/4 to 1/2 turn past finger-tight for a metal-to-metal seal.



## Specifications:

**Temperature Range:** -65° to +250° F (-53.8° to 121.1° C)

### Pressure Range:

TUBE SIZE	PSI	bar	TUBE SIZE	PSI	bar
1/8	2800	193.0	3/8	1000	68.9
3/16	1900	131.0	1/2	750	51.7
1/4	1400	96.5	5/8	650	44.8
5/16	1200	82.7	3/4	550	37.9