

Additional Data/Spec Sheet

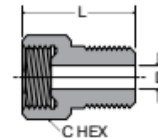
LP Brass Adapter Fittings – NPT Male x Inverted 45° Flare Adapter

48IFHD

Male Connector
Ref. SAE 040102



Part Number	Tube Size	Pipe Thread	Straight Thread
48IFHD-2-2	1/8	1/8	5/16-28
48IFHD-3-2	3/16	1/8	3/8-24
48IFHD-4-2	1/4	1/8	7/16-24
48IFHD-4-4	1/4	1/4	7/16-24
48IFHD-5-2	5/16	1/8	1/2-20
48IFHD-5-4	5/16	1/4	1/2-20
48IFHD-6-2	3/8	1/8	5/8-18
48IFHD-6-4	3/8	1/4	5/8-18
48IFHD-6-6	3/8	3/8	5/8-18
48IFHD-8-4	1/2	1/4	3/4-18
48IFHD-8-6	1/2	3/8	3/4-18
48IFHD-8-8	1/2	1/2	3/4-18
48IFHD-10-8	5/8	1/2	7/8-18
48IFHD-12-12	3/4	3/4	1-1/16-16



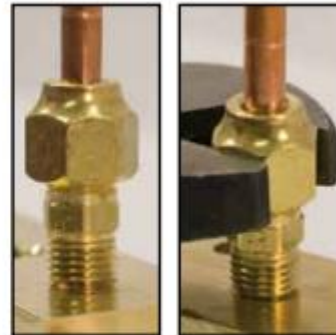
Male Connector 48IFHD

REF. SAE 040102

PART NO.	TUBE SIZE	PIPE THREAD	STRAIGHT THREAD	C HEX	L	FLOW DIA. D
48IFHD-2-2	1/8	1/8	5/16-28	13/32	.63	.078
48IFHD-3-2	3/16	1/8	3/8-24	15/32	.70	.125
48IFHD-4-2	1/4	1/8	7/16-24	17/32	.74	.189
48IFHD-4-4	1/4	1/4	7/16-24	9/16	.89	.189
48IFHD-5-2	5/16	1/8	1/2-20	19/32	.79	.220
48IFHD-5-4	5/16	1/4	1/2-20	19/32	.98	.220
48IFHD-6-2	3/8	1/8	5/8-18	3/4	.89	.220
48IFHD-6-4	3/8	1/4	5/8-18	3/4	1.03	.282
48IFHD-6-6	3/8	3/8	5/8-18	3/4	1.03	.282
48IFHD-8-4	1/2	1/4	3/4-18	29/32	1.07	.346
48IFHD-8-6	1/2	3/8	3/4-18	29/32	1.07	.407
48IFHD-8-8	1/2	1/2	3/4-18	29/32	1.26	.407
48IFHD-10-8	5/8	1/2	7/8-18	1-1/16	1.32	.533
48IFHD-12-12	3/4	3/4	1-1/16-16	1 1/4	1.38	.626

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