



BRASS INVERTED FLARE FITTINGS

CONSTRUCTION

CA360, CA345, CA3604, CA377 Brass
Steel Nuts/Plugs



APPLICATIONS

- Compatible with copper, brass, aluminum and steel hydraulic tubing that can be flared
- Fair vibration resistance
- Refrigerant lines, brake lines, fuels lines

RANGES

Temperature Range: -65° to +250° F.



Pressure Range:

Maximum working pressure (PSI) depends on the tubing material, O.D. wall thickness and fitting.



Inverted Flare Fitting Assembly:

1. Make sure the tubing is cut squarely with a tube cutter. After cutting, make sure the tube is clean and free of burrs.
2. Move the flare nut over of the tubing, ensuring the threaded end of the nut faces the end of the tube.
3. Flare the end of the tubing with a flaring tubing.
4. For thin wall copper, welded, or brazed tubing, apply a double flare to prevent cracked flares.
5. Position the flare tube between the nut and fitting body. Screw the nut on finger tight. Once finger tight, use a wrench to tighten an additional 1/4" to 1/2" turn to achieve a metal to metal seal.

ORDERING INFORMATION

- Parts that include "PBF" are supplied as low lead compliant fittings.
- Part numbers without the "PBF" distinction are NOT lead free compliant.



NOTES

- Non-stock items and special parts are available on a quotation basis.
- Configurations and dimensions are subject to change without notice.

<p>41IB Brass Nut</p> 	<p>41IS Steel Nut</p> 	<p>41IP Plug</p> 
<p>42I Union</p> 	<p>44I Union Tee</p> 	<p>46I Female Connector</p> 
<p>48I Male Connector</p> 	<p>49I 90° Male Connector</p> 	<p>50I 90° Female Connector</p> 
<p>7908I / 7829I Dual Master Cylinder Adapter</p> 	<p>752I Male Run Tee</p> 	<p>94I 45° Male Connector</p> 



41IB BRASS NUT

PART NUMBER	O.D. TUBE	OAL	HEX
41IB-2	1/8"	.52	5/16"
41IB-3	3/16"	.56	3/8"
41IB-4	1/4"	.56	7/16"
41IB-5	5/16"	.62	1/2"
41IB-6	3/8"	.66	5/8"
41IB-8	1/2"	.74	3/4"
41IB-10	5/8"	.81	7/8"
41IB-12	3/4"	.88	1-1/16"



42I UNION

PART NUMBER	O.D. TUBE	OAL	HEX
42I-2	1/8"	.60	13/32"
42I-3	3/16"	.63	15/32"
42I-4	1/4"	.63	17/32"
42I-5	5/16"	.71	19/32"
42I-6	3/8"	.81	3/4"
42I-8	1/2"	.92	29/32"



41IS STEEL NUT

PART NUMBER	O.D. TUBE	OAL	HEX
41IS-2	1/8"	.52	5/16"
41IS-3	3/16"	.52	3/8"
41IS-4	1/4"	.56	7/16"
41IS-5	5/16"	.62	1/2"
41IS-6	3/8"	.66	5/8"
41IS-8	1/2"	.74	3/4"
41IS-10	5/8"	.80	7/8"
41IS-12	3/4"	.88	1-1/16"



44I UNION TEE

PART NUMBER	O.D. TUBE	OAL
44I-3	3/16"	1.10"
44I-4	1/4"	1.12"
44I-5	5/16"	1.26"
44I-6	3/8"	1.48"
44I-8	1/2"	1.76"



41IP STEEL PLUG

PART NUMBER	O.D. TUBE	OAL	HEX
41IP-3	3/16"	.50	3/8"
41IP-4	1/4"	.56	7/16"
41IP-5	5/16"	.62	1/2"
41IP-6	3/8"	.67	5/8"



46I FEMALE CONNECTOR

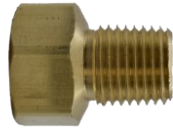
PART NUMBER	O.D. TUBE	FPT	OAL	HEX
46I-3A	3/16"	1/8"	.76"	1/2"
46I-4A	1/4"	1/8"	.71"	17/32"
46I-5A	5/16"	1/8"	.79"	19/32"
46I-6B	3/8"	1/4"	1.04"	3/4"
46I-8C	1/2"	3/8"	1.10"	29/32"





48I MALE CONNECTOR

PART NUMBER	O.D. TUBE	MPT	OAL	HEX
48I-2A	1/8"	1/8"	.63"	13/32"
48I-3A	3/16"	1/8"	.70"	15/32"
48I-4A	1/4"	1/8"	.74"	17/32"
48I-4B	1/4"	1/4"	.89"	5/16"
48I-5A	5/16"	1/8"	.79"	19/32"
48I-5B	5/16"	1/4"	.98"	19/32"
48I-6A	3/8"	1/8"	.86"	3/4"
48I-6B	3/8"	1/4"	1.03"	3/4"
48I-6C	3/8"	3/8"	1.03"	3/4"
48I-8B	1/2"	1/4"	1.07"	29/32"
48I-8C	1/2"	3/8"	1.07"	29/32"
48I-8D	1/2"	1/2"	1.26"	29/32"
48I-10D	5/8"	1/2"	1.32"	1-1/16"



49I 90° MALE CONNECTOR

PART NUMBER	O.D. TUBE	MPT	OAL
49I-2A	1/8"	1/8"	.79"
49I-3A	3/16"	1/8"	.85"
49I-4A	1/4"	1/8"	.92"
49I-4B	1/4"	1/4"	1.10"
49I-5A	5/16"	1/8"	.95"
49I-5B	5/16"	1/4"	1.16"
49I-6A	3/8"	1/8"	1.13"
49I-6B	3/8"	1/4"	1.26"
49I-6C	3/8"	3/8"	1.32"
49I-8B	1/2"	1/4"	1.48"
49I-8C	1/2"	3/8"	1.42"
49I-8D	1/2"	1/2"	1.67"
49I-10D	5/8"	1/2"	1.82"



50I 90° FEMALE CONNECTOR

PART NUMBER	O.D. TUBE	FPT
50I-4A	1/4"	1/8"
50I-6B	3/8"	1/4"



7908I / 7829I DUAL CYLINDER ADAPTER

PART NUMBER	O.D. TUBE FEMALE	O.D. TUBE MALE	HEX
7908I	1/4"	1/4"	9/16"
7829I	1/4"	5/16"	11/16"



7908I



7829I

752I MALE RUN TEE

PART NUMBER	O.D. TUBE	MPT
752I-3A	3/16"	1/8"
752I-4A	1/4"	1/8"
752I-5A	5/16"	1/8"
752I-6B	3/8"	1/4"
752I-8C	1/2"	3/8"



94I 45° MALE CONNECOR

PART NUMBER	O.D. TUBE	MPT	OAL
94I-3A	3/16"	1/8"	.88"
94I-4A	1/4"	1/8"	.94"
94I-5A	5/16"	1/8"	1.00"
94I-5B	5/16"	1/4"	1.16"
94I-6B	3/8"	1/4"	1.34"
94I-8C	1/2"	3/8"	1.44"

