

BRASS HOSE FITTINGS

BRASS SAE 45 FLARE

SAE 45° FLARE



BRASS SAE 45 FLARE
FITTINGS

Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4
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•Typical Application

LP and natural gas, flammable liquids, instrumentation, refrigeration, power steering, hydraulic and pneumatic systems.

•Working Pressure Ranges

Temperature and type of tubing used are important factors. However, the following table is a good guide for proper selection. Temperature 73°F with copper tubing:

PSI	Tube O.D. (in.)	Tube Wall (in.)
2800	1/8	.030
1900	3/16	.030
1400	1/4	.030
1200	5/16	.032
1000	3/8	.032
750	1/2	.032
650	5/8	.035
550	3/4	.035
450	7/8	.035

•Vibration

Good resistance - use long nut when greater vibration resistance is required.

•Temperature Range

-65°F to +250°F (-53°C to +121°C) range at maximum operating pressures.

•Used With

Copper, brass, aluminum and steel hydraulic tubing that can be flared.

Actual O.D. of Flare Fittings

• Tolerance

+/- .03 on all dimensions. Dimension data can change without notice. Please call us when dimensions are critical.

• Approvals:

Meets functional requirements of SAE J530, J531

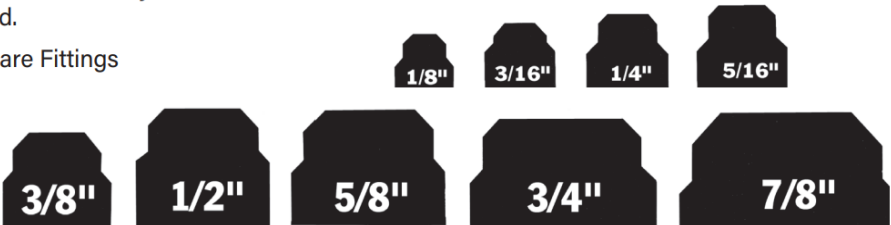
Assembly Instructions

- 1- Cut tubing to desired length. Make sure all burrs are removed and ends are cut square.
- 2- Slide nut on tube. Threaded end "A" of nut must face out.
- 3- Flare end of tube with a 45° flaring tool.
a- Measure flare diameter.
b- Examine flare for excessive thin out.
- 4- Lubricate threads and assemble to fitting body. Nut should be turned hand tight.
- 5- Tighten assembly with wrench until a solid feeling is encountered. From that point, apply a one-sixth turn.

Note: Do not over-torque as it may damage the fitting or split the tubing at the flare.



• See Lead Free Flare Fittings



JABO SUPPLY



5 LOCATIONS

PARKERSBURG, WV

10085 Emerson Avenue 26102
(304) 464-4400

MORGANFIELD, KY

118 Jim Veatch Road, 42437
(270) 389-3430

HUNTINGTON, WV

209 Braley Street, 25705
(304) 736-8333

NORTON, VA

205 Hawthorne Drive, 24273
(276) 679-1224

BEAVER, WV (BECKLEY)

227 C&O Shop Road 25813
(304-252-0000

SINCE 1964 SERVICE IS MORE THAN A PROMISE

BRASS HOSE FITTINGS

BRASS SAE 45 FLARE ADAPTERS

BRASS SAE 45 FLARE
FITTINGS

FLARED PLUG

SAE 45 DEG FLARE



JABO PART#	SIZE
038-11169	1/4
038-11171	3/8
038-11172	1/2
OTHER SIZES AVAIL UPON REQUEST	
*Non Stock-Call Jabo Supply	

FLARED CAP

SAE 45 DEG FLARE



JABO PART#	SIZE
038-11176	1/4
038-11178	3/8
038-11181	3/4
OTHER SIZES AVAIL UPON REQUEST	
*Non Stock-Call Jabo Supply	

MALE FLARE X MIP ADAPTER

SAE 45 DEG FLARE



JABO PART#	SIZE
038-11295	3/16 X 1/8
038-11296	1/4 X 1/8
038-11298	1/4 X 1/4
038-11304	5/16 X 1/4
038-11308	3/8 X 1/4
038-11310	3/8 X 3/8
038-11316	1/2 X 3/8
038-11328	3/4 X 3/4
OTHER SIZES AVAIL UPON REQUEST	
*Non Stock-Call Jabo Supply	

LP MALE FLARE X MIP ADAPTER

SAE 45 DEG FLARE



JABO PART#	SIZE
038-11319	1/2 X 1/2 LP
038-11325	5/8 X 1/2 LP
OTHER SIZES AVAIL UPON REQUEST	
"L" Means light pattern	
These fittings are completely interchangeable with full pattern fittings, but have been modified in some way. This modification is usually in the length of the pipe threads. Used in plumbing and light industrial applications. (per Midland Industries 2023 catalog page 56)	
*Non Stock-Call Jabo Supply	

MALE FLARE X MIP 90

SAE 45 DEG FLARE



JABO PART#	SIZE
038-11339	1/4 X 1/8
038-11342	1/4 X 1/4
038-11347	5/16 X 1/4
038-11352	3/8 X 1/4
038-11355	3/8 X 3/8
038-11361	1/2 X 3/8
038-11363	1/2 X 1/2
038-11373	3/4 X 3/4
OTHER SIZES AVAIL UPON REQUEST	
*Non Stock-Call Jabo Supply	