

SELF FLARE TUBE FITTINGS

BA1000 SERIES

The BA1000 Series self flare straight adapter is made up of a tube connection on one end and a male pipe thread connection on the opposite end. For the tube connection, the OD and wall thickness of the tube to be joined to the self flare fitting will determine the dash size and whether a BA or BAX version of the self flare fitting is required for the application.

Standard Features:

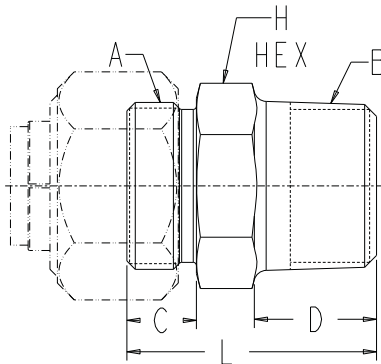
- Numerous jump sizes are available
- BAX1000 adapters available for applications with heavy wall tubing
- Includes swivel tube nut and self flare sleeve

Standard Materials:

- Steel construction
- Black oxide finish on fitting body and tube sleeve
- Zinc plated, steel swivel tube nut

CAUTION

- System operating conditions and maximum pressures dictate tubing requirements. LDI Self Flare fittings require matching the tube connection on the adapter to the tube wall thickness selected for the application.
- Fully annealed and cleaned tubing is preferred. Consult factory for applications that require alloy tubing or tube wall thicknesses that exceed published limits for BA and BAX tube connections.



BA1000 Series (inches)

Part No.	Tube OD	A	B (NPTF)	C	D	L	H
BA1000-2	1/8	5/16-24	1/8-27	0.32	0.38	0.92	7/16
BA1000-2-4	1/8	5/16-24	1/4-18	0.32	0.56	1.14	9/16
BA1000-3	3/16	3/8-24	1/8-27	0.35	0.38	0.95	7/16
BA1000-3-4	3/16	3/8-24	1/4-18	0.35	0.56	1.17	9/16
BA1000-4	1/4	1/2-20	1/8-27	0.38	0.38	0.98	1/2
BA1000-4-4	1/4	1/2-20	1/4-18	0.38	0.56	1.20	9/16
BA1000-5	5/16	9/16-18	1/8-27	0.41	0.38	1.05	9/16
BA1000-5-4	5/16	9/16-18	1/4-18	0.41	0.56	1.26	9/16
BA1000-6	3/8	5/8-18	1/4-18	0.41	0.56	1.23	5/8
BA1000-6-2	3/8	5/8-18	1/8-27	0.41	0.38	1.06	5/8
BA1000-6-6	3/8	5/8-18	3/8-18	0.41	0.56	1.23	3/4
BA1000-6-8	3/8	5/8-18	1/2-14	0.41	0.75	1.48	7/8
BA1000-8	1/2	3/4-16	3/8-18	0.44	0.56	1.27	3/4
BA1000-8-4	1/2	3/4-16	1/4-18	0.44	0.56	1.27	3/4
BA1000-8-8	1/2	3/4-16	1/2-14	0.44	0.75	1.52	7/8
BA1000-8-12	1/2	3/4-16	3/4-14	0.44	0.75	1.58	1 1/8
BA1000-10	5/8	7/8-16	1/2-14	0.44	0.75	1.52	7/8
BA1000-10-6	5/8	7/8-16	3/8-18	0.44	0.56	1.33	7/8
BA1000-10-12	5/8	7/8-16	3/4-14	0.44	0.75	1.58	1 1/8
BA1000-12	3/4	1 1/16-16	3/4-14	0.44	0.75	1.58	1 1/8
BA1000-12-6	3/4	1 1/16-16	3/8-18	0.44	0.56	1.39	1 1/8
BA1000-12-8	3/4	1 1/16-16	1/2-14	0.44	0.75	1.58	1 1/8
BA1000-12-16	3/4	1 1/16-16	1-11 1/2	0.44	0.94	1.77	1 3/8
BA1000-14	7/8	1 3/16-16	3/4-14	0.44	0.75	1.58	1 1/4
BA1000-14-8	7/8	1 3/16-16	1/2-14	0.44	0.75	1.58	1 1/4
BA1000-14-16	7/8	1 3/16-16	1-11 1/2	0.44	0.94	1.77	1 3/8
BA1000-16	1	1 5/16-16	1-11 1/2	0.51	0.94	1.83	1 3/8
BA1000-16-12	1	1 5/16-16	3/4-14	0.51	0.75	1.63	1 3/8
BA1000-16-20	1	1 5/16-16	1 1/4-11 1/2	0.51	0.97	1.95	1 3/4
BA1000-20	1 1/4	1 5/8-16	1 1/4-11 1/2	0.69	0.97	2.14	1 3/4
BA1000-20-16	1 1/4	1 5/8-16	1-11 1/2	0.69	0.94	2.11	1 3/4
BA1000-20-24	1 1/4	1 5/8-16	1 1/2-11 1/2	0.69	1.00	2.23	2
BA1000-24	1 1/2	1 15/16-16	1 1/2-11 1/2	0.69	1.00	2.19	2
BA1000-24-20	1 1/2	1 15/16-16	1 1/4-11 1/2	0.69	0.97	2.17	2
BA1000-24-32	1 1/2	1 15/16-16	2-11 1/2	0.69	1.03	2.42	2 5/8
BA1000-32	2	2 1/2-12	2-11 1/2	0.69	1.03	2.42	2 5/8
BA1000-32-20	2	2 1/2-12	1 1/4-11 1/2	0.69	0.97	2.38	2 5/8
BA1000-32-24	2	2 1/2-12	1 1/2-11 1/2	0.69	1.00	2.39	2 5/8

Dimensions and specifications are subject to change without notice. Not all items are Made-To-Stock, contact us for availability.

02/14

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