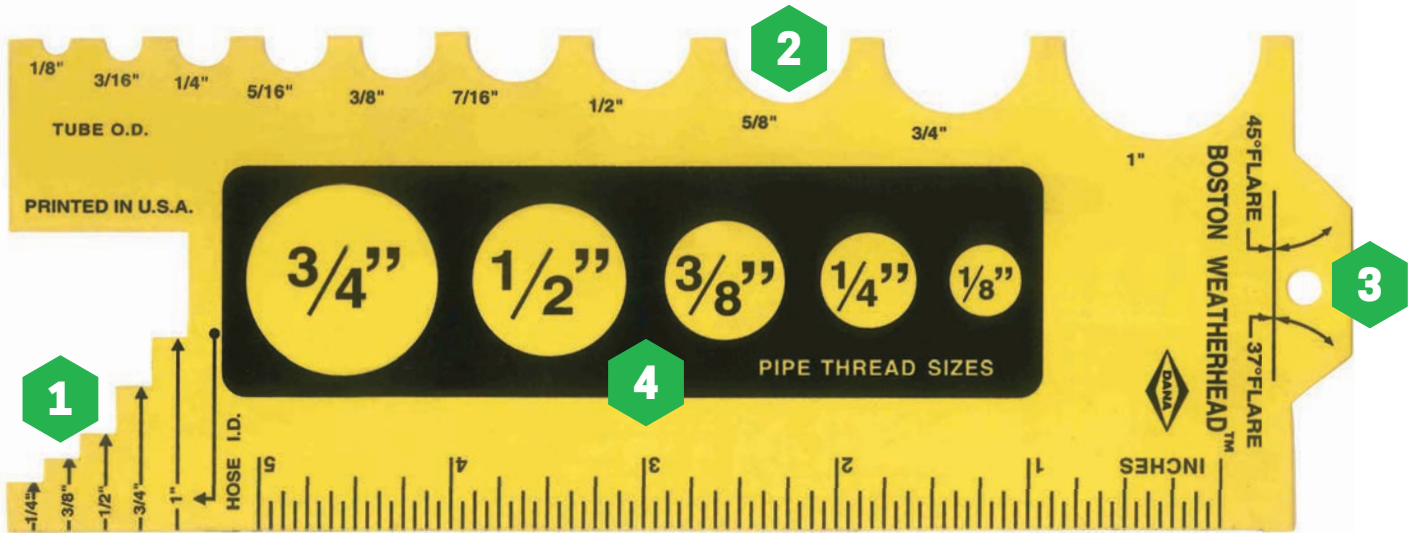




Service driven... Result focused
Industrial Supplier

BRASS GAUGE CHART



TUBE FITTING THREAD SIZE COMPARISON CHART

Tube O.D.	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	2"
Inverted Flare	5/16 -28	3/8 -24	7/16 -24	1/2 -20	5/8 -18	11/16 -18	3/4 -18	7/8 -18	1 1/16 -16	1 3/16 -16	1 5/16 -16	---	---	---
SAE 45° Flare	5/16 -24	3/8 -24	7/16 -20	1/2 -20	5/8 -18	11/16 -16	3/4 -16	7/8 -14	1 1/16 -14	---	---	---	---	---
Compression Selfalign™	5/16 -24	3/8 -24	7/16 -24	1/2 -24	9/16 -24	5/8 -24	11/16 -20	13/16 -18	1 -18	---	1 1/4 -18	---	---	---
Polyline™	5/16 -24	3/8 -24	7/16 -24	1/2 -24	---	---	11/16 -20	---	---	---	---	---	---	---
Air Brake	---	---	7/16 -24	---	17/32 -24	---	11/16 -20	13/16 -18	1 -18	---	---	---	---	---
SAE 37° (JIC)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Str. Thr'd 'O' Ring	5/16 -24	3/8 -24	7/16 -20	1/2 -20	9/16 -18	---	3/4 -14	7/8 -14	1 1/16 -12	1 3/16 -12	1 5/16 -12	1 5/8 -12	1 7/8 -12	2 1/2 -12
Ermeto™ 7000 Ser.	---	---	---	---	---	---	---	---	---	---	---	---	---	---
FOR-SEAL™	---	---	9/16 -18	---	11/16 -16	---	13/16 -16	1 -14	1 3/16 -12	1 3/16 -12	1 7/16 -12	1 11/16 -12	2 -12	---

This chart gives the thread size for the different fitting styles and sizes.
EXAMPLE: Compression fitting with 1/4" tube size has a thread size of 7/16-24.
Selfalign, Polyline, Ermeto, and FOR-SEAL are trademarks of Dana Corporation.

W-8009 A

Pipe thread can be measured, outside thread to outside thread, minus 1/4".

1. "Steps" allow for measuring inside diameter of tube.
2. "Half-moons" used for measuring outside diameter of tube.
3. Angles on tab are used for finding 37° or 45° of flare.
4. "Black Box" is for measuring pip thread size.
5. Used to find tube fitting thread per inch.

NOTE:

Steel fittings are 37°. Exception: Some Residential/Commercial A/C fittings are 37° brass.

Patlin has made a concerted effort to provide accurate information, however Patlin assumes no responsibility for the accuracy of the information.

Printed in U.S.A.

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