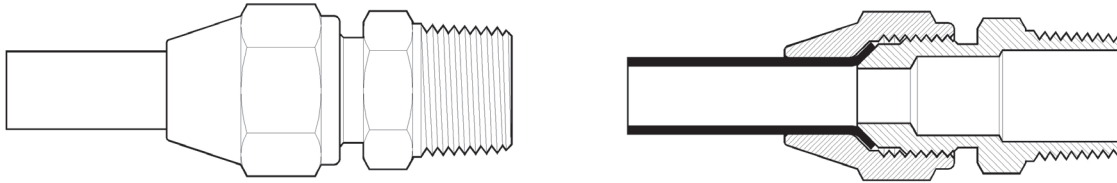


SAE 45° Flare



Tube O.D.	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8
Thread	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	1-1/4-12

MATERIALS:

CA360, CA345, CA377

VIBRATION RESISTANCE:

Short Nut - Fair, Long Nut - Improved

WORKING PRESSURE:

2000 PSI Maximum based on tubing size
ALWAYS consult tubing specifications

TEMPERATURE RANGE:

-65 to +250°F
-54 to +121°C

CONFORMANCE:

Meets SAE, ASME and ASA Standards as noted by configuration.

APPLICATIONS:

LP Gas, refrigeration, natural gas, instrumentation, pneumatic systems, and other applications where copper, brass, aluminum and steel tubing are used.

TUBING MUST BE ABLE TO BE FLARED.

HOW TO ORDER:

- Order nuts and bodies separately.
- Some items available on Special Order basis only.

NOMENCLATURE:

P-E1-6B

- E1: Fitting Configuration
- 6: Tube Size in sixteenths ($6/16 = 3/8$)
- B: Pipe Size 1/4"
- Dimensions subject to change without notice

BENEFIT:

- Reduces maintenance costs and assembly time.
- Reduces the number of SKU's required to cover needs.
- More sales opportunities.

FEATURE:

- Reusable body and nut.
- Long nut vibration resistance.
- Extruded and Forged available.

ADVANTAGE:

- No need to replace when disassembling.
- Applicable in wider range of applications.
- Conforms to more customers' requirements.

ASSEMBLY INSTRUCTIONS:

- Cut tubing squarely and remove burrs.
- Slide nut on tubing, threaded end out.
- Flare tubing.
- Lubricate threads.
- Tighten nut onto body with wrench until snug plus 1/6 turn.

DO NOT OVER TIGHTEN OR TUBING MAY SPLIT