

Style and Description

As with other variations of flared fittings, Inverted Flare fittings require preparation of the tube prior to assembly.

Because of its compact design, suitability for applications involving high levels of vibration and excellent performance under high pressure, Inverted Flare can be found extensively in the Automotive Industry.

Working Pressure

0-17250kPa depending upon tube size and media.

Media / Application

- ✓ LPG (Auto, domestic and commercial)
- ✓ Fuel and brake lines
- ✓ Refrigeration lines
- ✓ Hydraulics
- ✓ Pneumatics
- ✗ Plumbing (gas/water)

Construction

- Inverted Flare Nut
- Inverted Flare Body
- Material: 352 DZR Alloy
- Pipe Thread BSP: AS ISO 7.1/2 (previously AS 1722.1) Tapered Male (R Series)

Tube

- ✓ Copper - Annealed and hard drawn
- ✓ Brass
- ✓ Aluminium
- ✓ Steel Bundy
- ✗ Stainless Steel
- ✗ Nylon
- ✗ Poly tube

Assembly & Installation

1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. Slide tube nut over the tubing.
3. Using a 45° flaring tool, flare the end of the tube (as per tool instructions).
4. Assemble the tube nut onto fitting and tighten until 'spanner firm' (**Caution: do not over-tighten**).
5. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.

