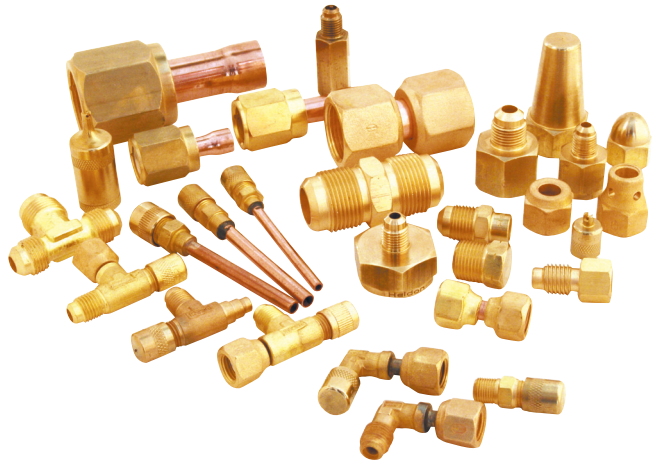


Introduction

Heldon has been a specialist in manufacturing brass fittings for over 70 years and operate a world competitive fully automated forging and robotic manufacturing cell in conjunction with precision computerised NC lathes.

Using only "A" grade materials and manufacturing to tight tolerances for threads, clearances and sealing faces, Heldon fittings are ideal for the demanding requirements of modern refrigerants and other seal critical industries. Flared connections from 1/8"OD to 3/4"OD can have a safe working pressure up to 4,200kpa (620)psi depending on size and a temperature range from -50°C to 120°C. Heldon's fittings are chemically cleaned for contaminant free installations. Oxygen cleaning is also available.



Flare Nuts

- With the high cost of refrigerants, higher pressures and more extremes in the range of working temperatures Heldon's forged flare nuts are your best insurance policy for reducing the chance of leaks and fractures at these critical joints.
- Heldon's "Frost-proof" series of flare nuts are the ultimate solution, and a must where condensation and frosting could lead to pipe damage or nut creep.
- Heldon's range of forged flare nuts, (500,501,502) are considerably much stronger than Machined nuts, and will withstand maximum system pressures.
- Heldon now have a specific range suited to the pressure and dimensional requirements for R410A.

Schrader Fittings

- Heldon manufactures Schrader access and depressor valves in a variety of bodies for many purposes. Other thread size or combinations are available on request (Quantity Dependent).
- Schrader valves used in all Heldon fitting feature Heldonprene™ seats that are suitable for all fluorinated refrigerants and up to a safe working pressure of 4,200 kpa.(610PSI)
- R410a designated fittings have a 5/16 male flare as the Schrader end.
- All fittings are supplied with one a cap and core. Additional caps, cores and tools are available separately.

Standard Thread Table

| SAE | | JIC | | BSP | | NPT | |
|-----------|-------------|-----------|-------------|-----------|-------------|-----------|--------------|
| Tube Size | Thread Size | Tube Size | Thread Size | Tube Size | Thread Size | Tube Size | Thread Size |
| 1/8 | 5/16-24 | 1/8 | 5/16-24 | 1/8 | 1/8-28 | 1/8 | 1/8-27 |
| 3/16 | 3/8-24 | 3/16 | 3/8-24 | 1/4 | 1/4-19 | 1/4 | 1/4-18 |
| 1/4 | 7/16-20 | 1/4 | 7/16-20 | 3/8 | 3/8-19 | 3/8 | 3/8-18 |
| 5/16 | 1/2-20 | 5/16 | 1/2-20 | 1/2 | 1/2-14 | 1/2 | 1/2-14 |
| 3/8 | 5/8-18 | 3/8 | 9/16-18 | 3/4 | 3/4-14 | 3/4 | 3/4-14 |
| 1/2 | 3/4-16 | 1/2 | 3/4-16 | 1 | 1-11 | 1 | 1-11 1/2 |
| 5/8 | 7/8-14 | 5/8 | 7/8-14 | 1 1/4 | 1 1/4-11 | 1 1/4 | 1 1/4-11 1/2 |
| 3/4 | 1 1/16-14 | 3/4 | 1 1/16-12 | 1 1/2 | 1 1/2-11 | 1 1/2 | 1 1/2-11 1/2 |
| 7/8 | 1 1/4-12 | 7/8 | 1 3/16-12 | 2 | 2-11 | 2 | 2-11 1/2 |
| 1 | 1 3/8-12 | 1 | 1 5/16-12 | 2 1/2 | 2 1/2-11 | 2 1/2 | 2 1/2-8 |
| | | | | 3 | 3-11 | 3 | 3-8 |
| | | | | 3 1/2 | 3 1/2-11 | 3 1/2 | 3 1/2-8 |
| | | | | 4 | 4-11 | 4 | 4-8 |