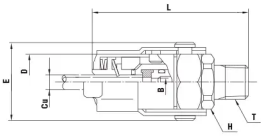
# PC-V Brass Fitting for Inert Gas Tubing

**Categories:** Fittings and Valves, M-Hand Tools · **Brand:** Nitto Kohki






## Description

**It attaches directly to straight copper tubes, eliminating the need for unnecessary soldering or flaring.**

**It withstands a vacuum of up to 1.3×10⁻² Pa (when connected), allowing for use in leak testing, vacuum extraction, and refrigerant charging.**

**Choose from three types of standard sealing materials for use with fluids in air conditioner and refrigerator production lines. Many models are available to fit tubes of various sizes.**

**A single lever simultaneously clamps and seals the tube.**

**The double-seal design, which fits perfectly around the end and the outer surface of the tube, ensures excellent sealing and vacuum resistance.**

| Working Pressure | | | | | | | | Dimensions (mm) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MPa | kgf/cm² | bar | PSI | Min. length of the tube for insertion (ℓ) | Min. tube thickness (T) | Application (Wire) | Mass (g) | L | ØD | H | ØB |
| 4.5 | 46 | 45 | 653 | 32.5 | 1.0 or higher | Rc 1/4 | 424 | -80 | 34.8 | 24 | 8.0 |
| | | | | | | Rc 3/8 | 435 | -81 | 34.8 | 24 | 10.0 |
| | | | | | | Grafting | 445 | -68 | 34.8 | - | - |

(segue)

| Working Pressure | | |
|---|---|---|
| MPa | E | T |
| 4.5 | (45.0) | R 1/4 |
| | (45.0) | R 3/8 |
| | (45.0) | - |

## Brand

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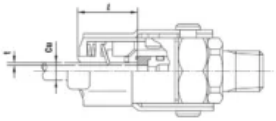
### Nitto Kohki

Nitto Kohki is a world-renowned Japanese company specializing in the manufacture of high-tech components, tools, and machinery.

The product line includes electric, hydraulic, and pneumatic tools for industrial use, as well as fluid-handling fittings used in the industrial, medical, biotechnology, nuclear, electronics, and IT sectors.

## Galleria








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