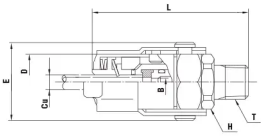
PC-V Brass Fitting for Inert Gas Tubing

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 tubing.

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	-21	0.8 or higher	Rc 1/4	155	-60	22.2	17	2.2
						Rc 3/8	160	-61	22.2	19	2.2
						Grafting	160	-47	22.2	-	-

(segue)

Working Pressure		
MPa	E	T
4.5	(32.5)	R 1/4
	(32.5)	R 3/8
	(32.5)	-

Brand

© SIRA S.p.A. 2026 All Rights Reserved.
Via della Resistenza, 53 20090 Buccinasco (MI) - Italia | C.F./P. IVA 01870750161 - CCIAA BG 243678

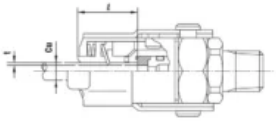
Nitto Kohki

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







© SIRA S.p.A. 2026 All Rights Reserved.