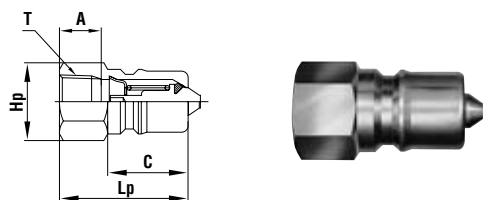


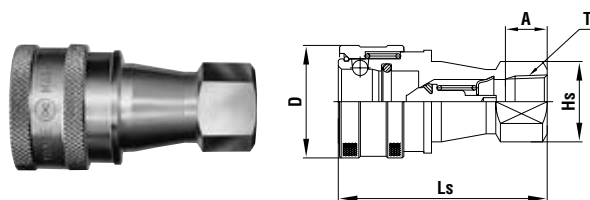
Models and Dimensions

Plug Female thread



Model	Application	Mass (g)		Dimensions (mm)				
		Brass	Stainless steel	Lp	Hp (WAF)	C	A	T
2P-V	R 1/4	39	34	36	Hex.17	22	13	Rc 1/4
3P-V	R 3/8	67	59	40	Hex.21	25	13	Rc 3/8
4P-V	R 1/2	123	118	44	Hex.29	28	15	Rc 1/2
6P-V	R 3/4	211	202	52	Hex.35	36	17	Rc 3/4

Socket Female thread



Model	Application	Mass (g)		Dimensions (mm)				
		Brass	Stainless steel	Ls	øD	Hs (WAF)	A	T
2S-V	R 1/4	136	127	58	28	Two flats 19 x ø22	13	Rc 1/4
3S-V	R 3/8	217	197	65	35	Two flats 21 x ø25	13	Rc 3/8
4S-V	R 1/2	421	393	72	45	Two flats 29 x ø35	15	Rc 1/2
6S-V	R 3/4	709	658	88	55	Two flats 35 x ø41	17	Rc 3/4

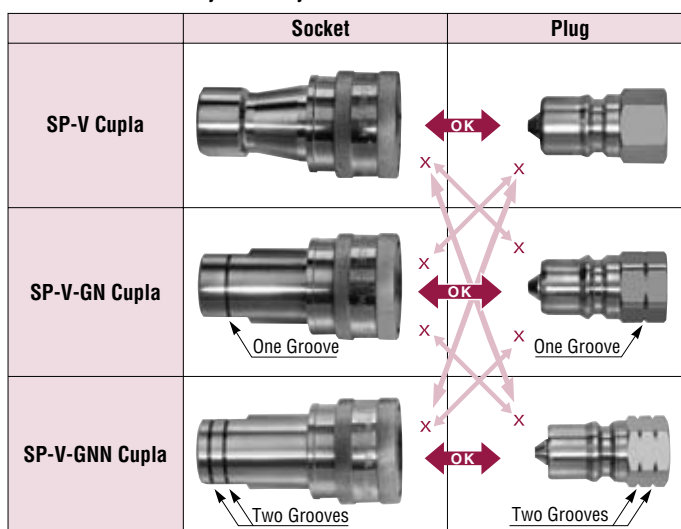
Seal materials for HFC134a (hydrochlorofluorocarbon)

Freon R11 and R12 gas coolants have been replaced with hydrochlorofluorocarbons in car air conditioners and refrigerators. With many years of research on seal materials resistant to fluorocarbon gases and freezer oils, the seal materials suitable for new hydrochlorofluorocarbons (such as HFG134a, HFC407C, HFC410A and HFC404A) have been developed.

	Packing material	
	Hydrogenated nitrile rubber	Chloroprene rubber
Mark	HNBR (H708)	CR (C308)
Features	Resistant to hydrochlorofluorocarbons (HFC134a, HFC407, HFC410A, HFC404A), and PAG type and ester type oils. Also resistant to heat up to 120°C.	Excellent resistance to conventional Freons (R12 and R22) and also hydrochlorofluorocarbon R134a.
Application	Refrigerator production lines Air conditioner production lines	Air conditioner production lines

Comparison of External Appearance

When both Freon gases and hydrochlorofluorocarbons are used simultaneously in the production lines, SP-V-GN type and SP-V-GNN type (non-interchangeable with standard SP-V and each others) may be required in order to prevent connections to improper lines by mistakes. They are made-to-order items. For details please contact Nitto Kohki direct or its distributor in your country.



X indicates incompatibility.

Application example



Outdoor unit of air conditioner