

SMC Corporation

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High-Purity Fluoropolymer Fittings HYPER FITTING[®]/Series LQ1,2 **Work Procedure Instructions**



Press fit an insert bushing



Dismantle the handle, slide the clamp until the tubing end touches the insert bushing, and fix it. Note) Handle Note) J and K type clamps do not move. J type K type Turn the handle slowly and press fit the insert bushing into the tubing.* * J-type clamps have a lever.





Short piping (M type)

How to Order Insertion Tools





* The parts case is shipped together with the fitting jig.

Table 1 Tubing size symbols

Nut

Туре	Body class	Tubing O.D.														
		Metric sizes								Inch sizes						
		ø3	ø4	ø6	ø8	ø10	ø12	ø19	ø25	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"	1"
J	1	03	04	—	—	—	—	—	—	03	I	—	—	—	—	-
	2	—	04	06	—	—	—	—	—	03	05	07	—	—	—	—
L	1	03	04	—	—	—	—	—	—	03	I	—	—	—	—	
	2	—	04	06	—	-	-	—	-	03	05	07	—	—	—	—
	3	—	—	06	08	10	—	—	-	—	—	07	11	—	—	—
	4	—	—	-	—	10	12	—	-	—	_	—	11	13	—	—
	5	—	—	—	—	—	12	19	-	—	—	—	—	13	19	—
	6	—	—	-	—	-	-	19	25	—	_	—	—	—	19	25



Note1) Replacement part type J is the part for LQ-GJ and LQ-GK. Replacement part type L is the part for LQ-GL and LQ-GM

Nut tightening (LQ1 fitting only)



* For body class 1, the nut should be tightened manually.

Nut tightening tool (LQ1 only) * Use a commercially available tool to tighten the nut for an LQ2 fitting.

Heating / Press-fitting



