



QUICK COUPLINGS

KC TYPE

Mold coolant water • Single valve

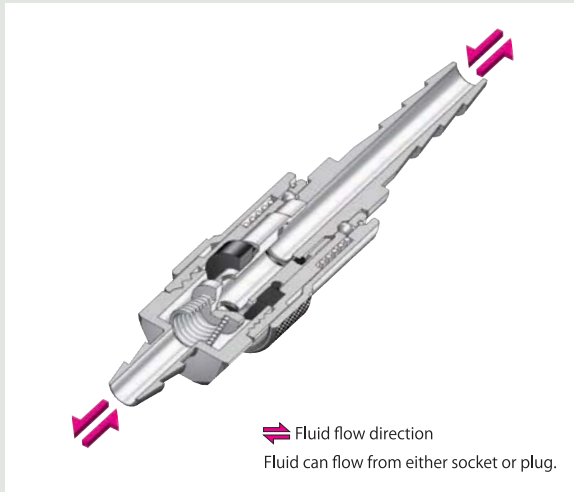


NAGAHORI INDUSTRY CO., LTD.

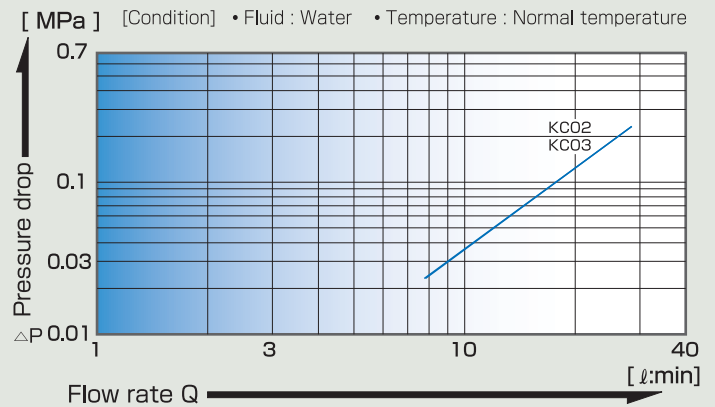
KCTYPE

Mold coolant water Single valve

Model for mold coolant
One hand operation with long sleeve of socket makes mold replacement easy.



Flow rate - Pressure drop characteristics



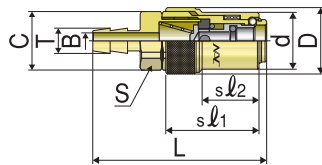
Features

- Easy connection and disconnection of water cooling lines for replacement of molds
- Sockets have automatic shut-off valve; fluid in the socket does not run out on disconnection.
- Fluid can flow from either socket or plug.
- Valveless type is available as option.

Cautions

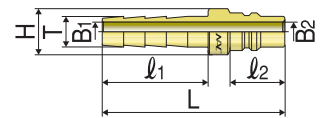
- Scraps of the seal tape and dust cause fluid leakage. Be careful not to stick them on the couplings.
- Do not impact, hit, pull or bent.
- Do not dismantle. It causes damage to the couplings.

BRASS SOCKET SH (Hose nipple)



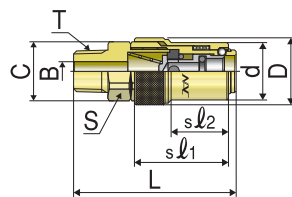
Model	Hose size	Dimensions (mm)										Weight (g)
		L	φD	φd	S	C	sℓ1	sℓ2	φB	φT		
CKC02SH2	1/4"	55	21	18	17	18.5	29.5	18	5	8		59
CKC03SH2	3/8"	61	21	18	17	18.5	29.5	18	7	12		65

PLUG PH (Hose nipple)



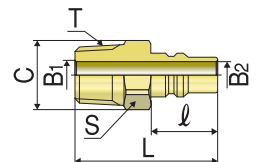
Model	Hose size	Dimensions (mm)										Weight (g)
		L	φH	ℓ1	ℓ2	φT	φB1	φB2				
CKC02PH2	1/4"	50	12	29	15	8.5	5	5				17
CKC03PH2	3/8"	50	15.5	29	15	12	6	6				19

SM (Male thread)



Model	Connection size (T)	Dimensions (mm)										Weight (g)
		L	φD	φd	S	C	sℓ1	sℓ2	φB			
CKC02SM2	R 1/4"	51	21	18	17	18.5	29.5	18	6			65
CKC03SM2	R 3/8"	53	21	18	17	18.5	29.5	18	6			75

PM (Male thread)



Model	Connection size (T)	Dimensions (mm)										Weight (g)
		L	S	C	ℓ	φB1	φB2					
CKC01PM2	R 1/8"	31	12	13	15	6	6					12
CKC02PM2	R 1/4"	34	14	15.5	15	6	6					20
CKC03PM2	R 3/8"	35	19	21	15	9	6					33

*Please read "User safety guide" before operation.



Brass

Brass



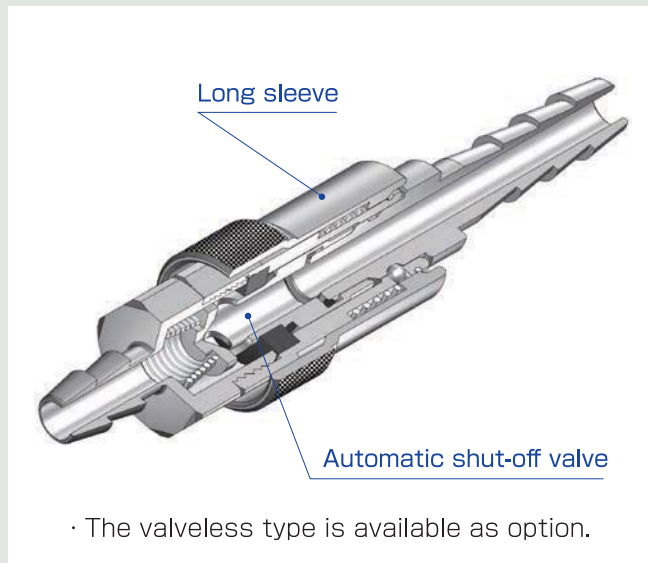
Single valve



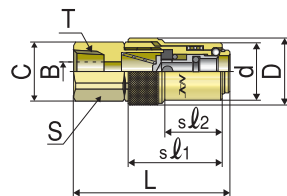
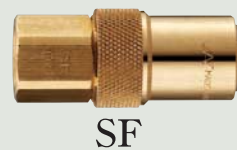
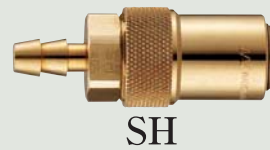
Fluoro rubber



Water

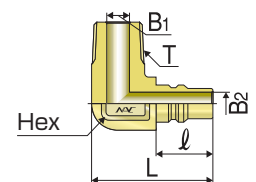


BRASS



SF (Female thread)

Model	Connection size(T)	Dimensions (mm)								Weight (g)
		L	φD	φd	S	C	s1	s2	φB	
CKC02SF2	Rc 1/4"	49	21	18	17	18.5	29.5	18	6	67



PML (Male thread)

Model	Connection size(T)	Dimensions (mm)						Weight (g)
		L	Hex	l	φB ₁	φB ₂		
CKC01PML2	R 1/8"	33	14	15	6	6		26
CKC02PML2	R 1/4"	33	14	15	6	6		28

Specifications

Model	CKC01	CKC02	CKC03
Nominal size	1/8"	1/4"	3/8"
Nominal pipe size	6A	8A	10A
Body material	Brass		
Connection type	Female thread, Male thread, Hose nipple		
Packing material, Temperature range *1	Fluoro rubber(FKM) : -20℃~+180℃		
Normal pressure	1.0MPa		
Maximum pressure	1.5MPa		
Applicable fluid *2	Water		

*1 By the environment of one's using, it has a case that the appropriate temperature differs from this table. Continuous use by above minimum/maximum temperature causes a leakage and so on.

*2 Above characteristics are standard. O-ring durability depends on the temperature of fluid, kinds of chemicals and viscosity.

Flow's smallest area

Unit (mm²)

Model	01PM	02PH	02PM	03PH	03PM
02SH	19.6	19.6	19.6	19.6	19.6
02SM	23.8	19.6	23.8	23.8	23.8
02SF	23.8	19.6	23.8	23.8	23.8
03SH	23.8	19.6	23.8	23.8	23.8
03SM	23.8	19.6	23.8	23.8	23.8

