


# QUICK-FITTING JOINTS FOR MOLD COOLING —SEPARATE PLUG · SOCKET—

—FOR HIGH TEMPERATURE TYPE (HEAT RESISTANT 120°C SERIES)—

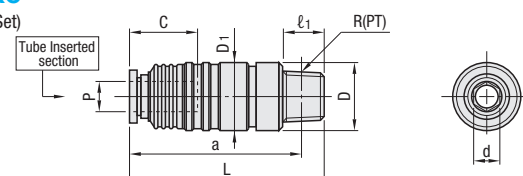
Ⓜ Non JIS material definition is listed on P.1351 - 1352

## Set Products



**RoHS**

**M-120AKC**  
(Straight Joint Set)




Ⓜ M-120AKC is a set product of M-120AKCP and M-AK. Can be attached/detached easily.

- Ⓜ Use in normal pressure 300kPa (3kgf/cm<sup>2</sup>) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).
- Ⓜ Be sure to use an insert sleeve (P.1102) when using this socket.

Ⓜ Joint section Body: Brass (C3604)+Nickel plating  
Release ring: Polyacetal resin (POM)

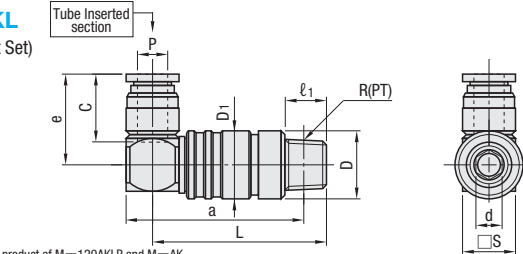
Socket screw Thread Brass (C3604)+Nickel plating  
JIS B0203 tapered thread for tubing R(PT)  
\*Thread part is applied with heat resistant sealant.

Matching tubes Outer×Inner dia.	Tube inserting hole		D	D <sub>1</sub>	Hexagonal wrench socket ○ d	L	a	ℓ <sub>1</sub>	R(PT)	Components		Part Number		U/Price 1~19							
	Hole dia. P	Depth C								M-120AKCP	M-AK	Type	No.								
6×4	6	17	15	15	○ 5	44	40	8	1/8	08-6P	08-01S	08-601	Quotation								
					○ 6	45.5	39.5	11	1/4					08-02S							
					○ 5	44.5	40.5	8	1/8						08-01S						
○ 6	46	40			11	1/4	08-02S														
8×6	8	18.5			18	18		○ 5	49.5							45.5	8	1/8	10-8P	10-01S	10-801
								○ 6	44.5							40.5	11	1/4			
			○ 8	51.5				45	12	3/8	10-03S										
10×7.5	10	21	21	21				○ 5	52	48		8	1/8	10-10P		10-01S	10-1001				
								○ 6	44.5	40.5		11	1/4		10-02S						
							○ 8	54	47.5	12		3/8	10-03S								
12×9	12	23.5			21	21	○ 5	61	57	8		1/8						10-12P	10-01S	10-1201	
							○ 6	44.5	40.5	11		1/4									10-02S
							○ 8	63	56.5	12	3/8	10-03S									



**RoHS**

**M-120AKL**  
(L-shaped Joint Set)



Ⓜ M-120AKL is a set product of M-120AKLP and M-AK. Can be attached/detached easily.

- Ⓜ Use in normal pressure 300kPa (3kgf/cm<sup>2</sup>) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).
- Ⓜ Be sure to use an insert sleeve (P.1102) when using this socket.

Ⓜ Joint section Body: Brass (C3604)+Nickel plating  
Release ring: Polyacetal resin (POM)

Socket screw Thread Brass (C3604)+Nickel plating  
JIS B0203 tapered thread for tubing R(PT)  
\*Thread part is applied with heat resistant sealant.


Matching tubes Outer×Inner dia.	Tube inserting hole		D	D <sub>1</sub>	Hexagonal wrench socket ○ d	L	a	e	□ S	ℓ <sub>1</sub>	R(PT)	Components		Part Number		U/Price 1~19							
	Hole dia. P	Depth C										M-120AKLP	M-AK	Type	No.								
6×4	6	17	15	15	○ 5	37	39	22	12	8	1/8	08-6P	08-01S	08-601	Quotation								
					○ 6	38.5	38.5	11	1/4	08-02S													
					○ 5	38	41	8	1/8		08-01S												
○ 6	39.5	40.5			11	1/4	08-02S																
8×6	8	18.5			18	18		○ 5	43.5							46.5	24	14	8	1/8	10-8P	10-01S	10-801
								○ 6	44.5							40.5	11	1/4	10-02S				
			○ 8	45.5				46	12			3/8	10-03S										
10×7.5	10	21	21	21				○ 5	45	49.5		28		17	8	1/8	10-10P	10-01S		10-1001			
								○ 6	44.5	40.5	11	1/4		10-02S									
							○ 8	47	49	12	3/8	10-03S											
12×9	12	23.5			21	21	○ 5	50.5	56.5	31	20				8	1/8					10-12P	10-01S	10-1201
							○ 6	44.5	40.5	11	1/4				10-02S								
							○ 8	52.5	56	12	3/8		10-03S										

Order **Part Number**  
M-120AKC08-601  
M-120AKL10-1001

Days to Ship **Quotation**

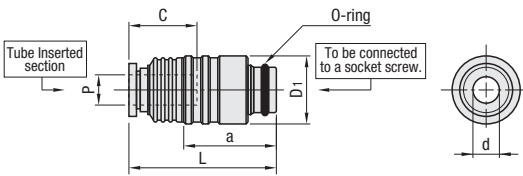
Price **Quotation**

## Components



**RoHS**


**M-120AKCP**  
(Straight Joint Plug)



- Ⓜ Use in normal pressure 300kPa (3kgf/cm<sup>2</sup>) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).
- Ⓜ Be sure to use an insert sleeve (P.1102) when using this socket.

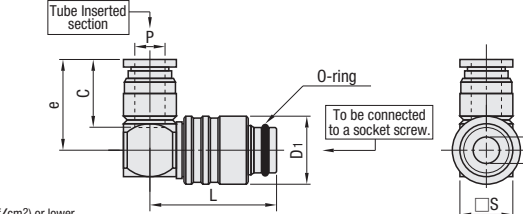
Ⓜ Body: Brass (C3604)+Nickel plating  
Release ring: Polyacetal resin (POM)

Matching tubes Outer×Inner dia.	Tube inserting hole		D <sub>1</sub>	d	L	a	Part Number		U/Price 1~19
	Hole dia. P	Depth C					Type	No.	
6×4	6	17	15	4.8	34	19	M-120AKCP	Quotation	
									8×6
10×7.5	10	21	8.1	39					
					12×9	12			23.5
				50.5					



**RoHS**


**M-120AKLP**  
(L-shaped Joint Plug)



- Ⓜ Use in normal pressure 300kPa (3kgf/cm<sup>2</sup>) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).
- Ⓜ Be sure to use an insert sleeve (P.1102) when using this socket.

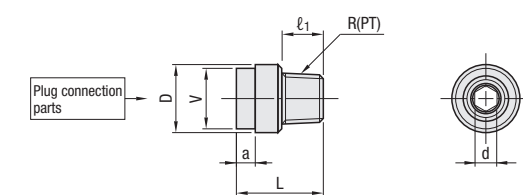
Ⓜ Body: Brass (C3604)+Nickel plating  
Release ring: Polyacetal resin (POM)

Matching tubes Outer×Inner dia.	Tube inserting hole		D <sub>1</sub>	d	L	e	□ S	Part Number		U/Price 1~19
	Hole dia. P	Depth C						Type	No.	
6×4	6	17	15	4	27	22	12	M-120AKLP	Quotation	
										8×6
10×7.5	10	21	8.1	33	24					
						12×9	12			23.5
				40	31					



**RoHS**

**M-AK**  
(Socket Screw)



- Ⓜ Use in normal pressure 300kPa (3kgf/cm<sup>2</sup>) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).

Ⓜ Body: Brass (C3604)+Nickel plating  
Thread JIS B0203 tapered thread for tubing R(PT)  
\*Thread part is applied with heat resistant sealant.

D	V	Hexagonal wrench socket ○ d	L	a	ℓ <sub>1</sub>	R(PT)	Part Number		U/Price 1~19				
							Type	No.					
15	13	○ 5	18.5	4.6	8	1/8	M-AK	Quotation					
		○ 6							20	11	1/4		
		○ 5										21	8
18	15.5	5	23	11	1/4								

Order **Part Number**  
M-120AKCP08-6P  
M-120AKLP10-8P  
M-AK10-02S

Days to Ship **Quotation**

Price **Quotation**