

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

—FOR HIGH TEMPERATURE TYPE (HEAT RESISTANT 99°C SERIES)—

Ⓜ Non JIS material definition is listed on P.1359 - 1360

Set Products

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

Ⓜ M-AKC is a set product of M-AKCP and M-AK.
Can be attached/detached easily.
Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
Ⓜ Keep water temperature under 99°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.1108) when using this socket.

Ⓜ Joint section
Socket screw Thread

Body: Brass (C3604)+Nickel plating
Release ring: Polyacetal resin (POM)
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 Hole dia. P Depth C	D	D ₁	Hexagonal wrench socket ⊙ d	L	a	ℓ ₁	R(PT)	Components		Part Number		U/Price 1~19
									M-AKCP	M-AK	Type	No.	
6×4	6 17	15	15	⊙5	44	40	8	1/8	08-6P	08-01S	M-AKC	08-601	Quotation
				⊙6	45.5	39.5	11	1/4	08-02S	08-602			
8×6	8 18.5	18	18	⊙5	44.5	40.5	8	1/8	08-8P	08-01S	M-AKC	08-801	Quotation
				⊙6	46	40	11	1/4	08-02S	08-802			
10×7.5	10 21	18	18	⊙5	49.5	45.5	8	1/8	10-8P	10-01S	M-AKC	10-801	Quotation
				⊙8	51.5	45	11	1/4	10-02S	10-802			
12×9	12 23.5	21	21	⊙5	52	48	8	1/8	10-10P	10-01S	M-AKC	10-1001	Quotation
				⊙8	54	47.5	11	1/4	10-02S	10-1002			
12×9	12 23.5	21	21	⊙5	61	57	8	1/8	10-12P	10-01S	M-AKC	10-1201	Quotation
				⊙8	63	56.5	11	1/4	10-02S	10-1202			

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

Ⓜ M-AKL is a set product of M-AKLP and M-AK.
Can be attached/detached easily.
Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
Ⓜ Keep water temperature under 99°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.1108) when using this socket.

Ⓜ Joint section
Socket screw Thread

Body: Brass (C3604)+Nickel plating
Release ring: Polyacetal resin (POM)
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 Hole dia. P Depth C	D	D ₁	Hexagonal wrench socket ⊙ d	L	a	e	□ S	ℓ ₁	R(PT)	Components		Part Number		U/Price 1~19
											M-AKLP	M-AK	Type	No.	
6×4	6 17	15	15	⊙5	37	39	22	12	8	1/8	08-6P	08-01S	M-AKL	08-601	Quotation
				⊙6	38.5	38.5	11	1/4	08-02S	08-602					
8×6	8 18.5	18	18	⊙5	38	41	24	14	8	1/8	08-8P	08-01S	M-AKL	08-801	Quotation
				⊙6	39.5	40.5	11	1/4	08-02S	08-802					
10×7.5	10 21	18	18	⊙5	43.5	46.5	24	14	8	1/8	10-8P	10-01S	M-AKL	10-801	Quotation
				⊙8	45.5	46	11	1/4	10-02S	10-802					
12×9	12 23.5	21	21	⊙5	45	49.5	28	17	8	1/8	10-10P	10-01S	M-AKL	10-1001	Quotation
				⊙8	47	49	11	1/4	10-02S	10-1002					
12×9	12 23.5	21	21	⊙5	50.5	56.5	31	20	8	1/8	10-12P	10-01S	M-AKL	10-1201	Quotation
				⊙8	52.5	56	11	1/4	10-02S	10-1202					

Components

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

Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
Ⓜ Keep water temperature under 99°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.1108) when using this socket.

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

Matching tubes Outer×Inner dia.	Tube inserting hole Hole dia. P Depth C	D ₁	d	L	a	Part Number		U/Price 1~19
						Type	No.	
6×4	6 17	15	4.8	34	19	M-AKCP	08-6P	Quotation
8×6	8 18.5	18	6.1	34.5	19		08-8P	
10×7.5	10 21	21	8.1	39	24	10-8P	Quotation	
12×9	12 23.5			41.5	24	10-10P		
				50.5		10-12P		

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

Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
Ⓜ Keep water temperature under 99°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.1108) when using this socket.

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

Matching tubes Outer×Inner dia.	Tube inserting hole Hole dia. P Depth C	D ₁	d	L	e	□ S	Part Number		U/Price 1~19
							Type	No.	
6×4	6 17	15	4	27	22	12	M-AKLP	08-6P	Quotation
8×6	8 18.5	18	6	28	24	14		08-8P	
10×7.5	10 21	21	8.1	33	28	17	10-8P	Quotation	
12×9	12 23.5			34.5	28	17	10-10P		
				40	31	20	10-12P		

RoHS **M-AK**
(Socket Screw)

Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
Ⓜ M-AK: 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 ₁	R(PT)	Part Number		U/Price 1~19
							Type	No.	
15	13	⊙5	18.5	4.6	8	1/8	M-AK	08-01S	Quotation
		⊙6	20		11	1/4		08-02S	
18	15.5	⊙5	21	5.3	8	1/8	M-AK	10-01S	Quotation
		⊙8	23		11	1/4		10-02S	
					12	3/8		10-03S	

Order

Part Number
M-AKC08-601
M-AKL10-1001

Days to Ship

Stock
Ⓜ Stock availability depends on subsidiary. P.45

Price

Quantity discount rate P.45
Quantity 1~19 20~99
Rate — 5%
Ⓜ To be quoted on price & lead time above Max. Q'ty.

Order

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

Days to Ship

1 Day
Ⓜ Delivery days depend on subsidiary. P.45

Price

Quantity discount rate P.45
Quantity 1~19 20~99 100~199
Rate — 5% 10%
Ⓜ To be quoted on price & lead time above Max. Q'ty.

Cooling Components
Quick Fitting Joints