

Multiple port type for air

# Multi Cupla

## MAM Type

Working pressure



0.7 MPa  
(7 kgf/cm<sup>2</sup>)

Valve structure



One-way shut-off

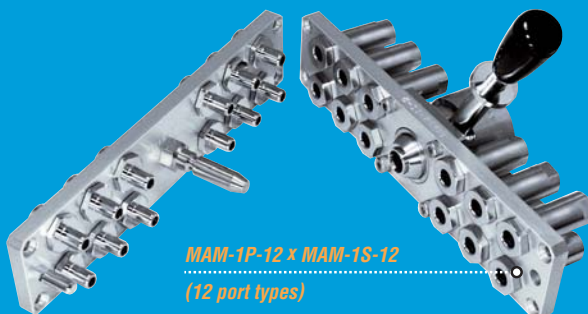
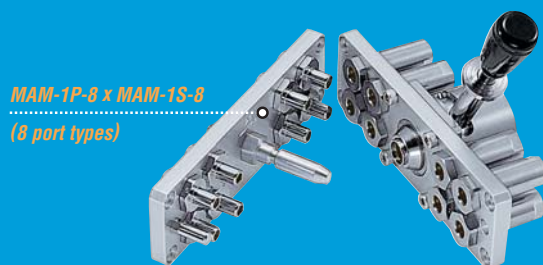
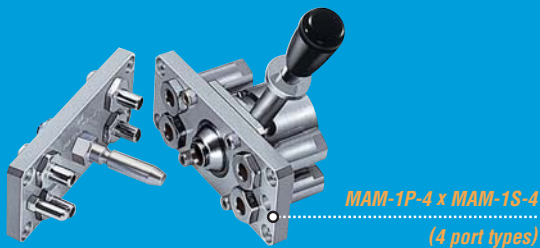
Applicable fluids



Air

**Simultaneously connects several ports securely in one operation! Greatly reduces changeover time in multiple port replacements.**

- Handles several ports at once.
- Simple manual lever action completes easy connection/disconnection.
- Lever stopper prevents socket plate from suddenly flying off during disconnection.
- Valve on socket side only.



### Specifications

Body material	Brass (Chrome-plated)		
Size	1/8"		
Working pressure MPa (kgf/cm <sup>2</sup> )	0.7 (7)		
Pressure resistance MPa (kgf/cm <sup>2</sup> )	1.0 (10)		
Sealing material	Sealing material	Mark	Working temperature range
Working temperature range	Nitrile rubber	NBR (SG)	0°C~+60°C

### Max. Tightening Torque

N·m (kgf·cm)

Torque	5 (51)
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### Interchangeability

No connection is possible between plates with different number of ports.

### Min. Cross-Sectional Area

(mm<sup>2</sup>)

Per port	15.9
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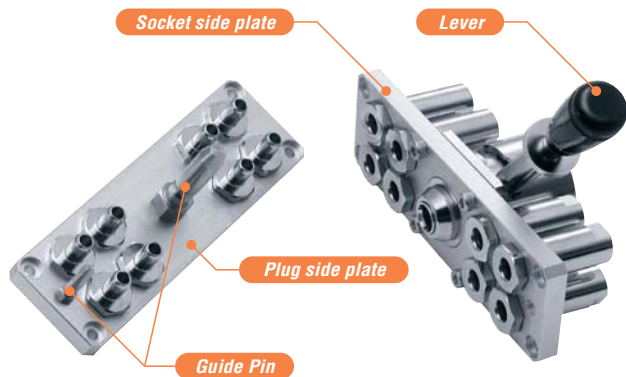
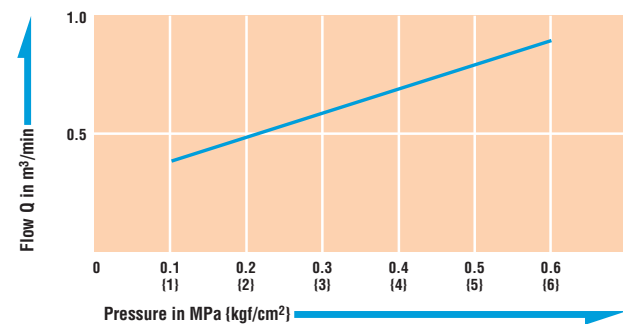
### Suitability for Vacuum

Not suitable for vacuum application in either connected or disconnected condition.

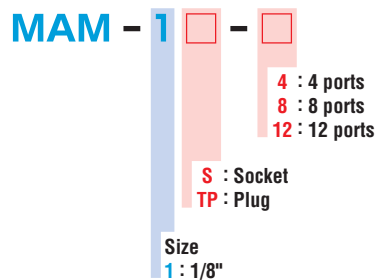
### Pressure - Flow Characteristics

Per port with Cupla

[Test conditions] • Fluid : Air • Temperature : Room temperature



### Denotation of Model



- Connection of ports with fluid under pressure cannot be made.
- Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.

Models and Dimensions

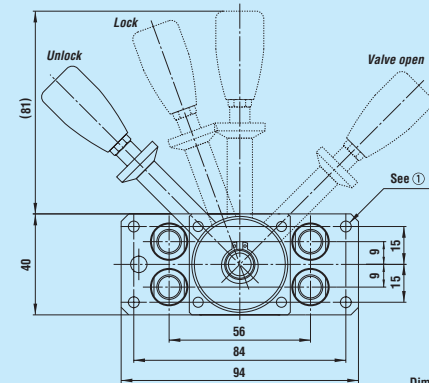
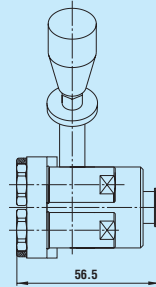
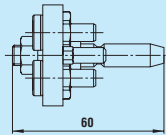
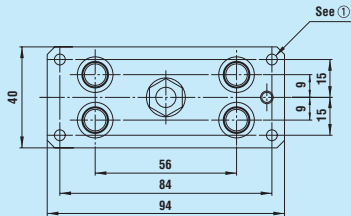
Model **MAM-1TP-4 × MAM-1S-4** (4 port types)

Application: R1/8 Mass: 150g (Plug), 500g (Socket)

Plug: Model **MAM-1TP-4**

Socket: Model **MAM-1S-4**

① Drill 4.3mm diameter through plate and additional counter boring of 8mm diameter with 2mm depth at 4 positions. (Connection side)



Dimensions (mm)

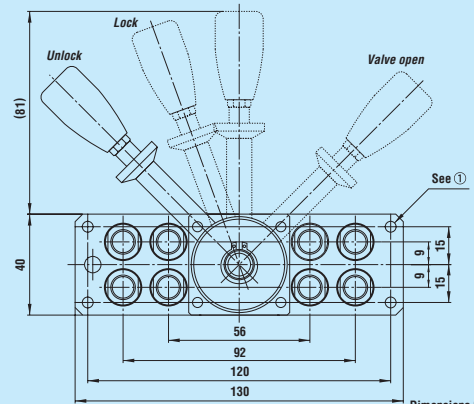
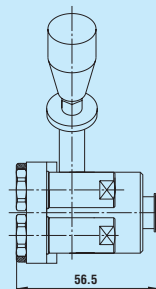
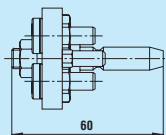
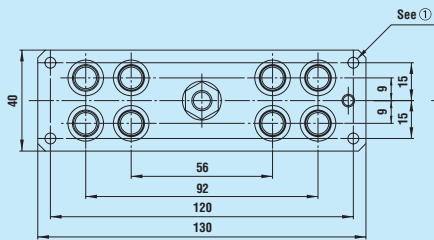
Model **MAM-1TP-8 × MAM-1S-8** (8 port types)

Application: R1/8 Mass: 250g (Plug), 650g (Socket)

Plug: Model **MAM-1TP-8**

Socket: Model **MAM-1S-8**

① Drill 4.3mm diameter through plate and additional counter boring of 8mm diameter with 2mm depth at 4 positions. (Connection side)

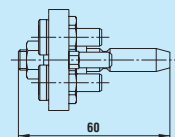
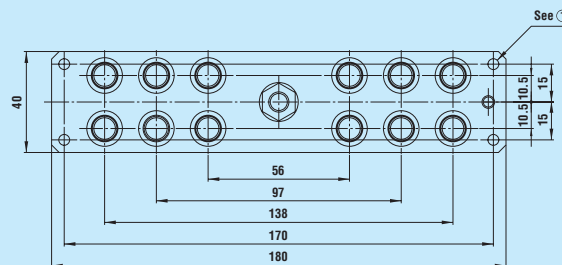


Dimensions (mm)

Model **MAM-1TP-12 × MAM-1S-12** (12 port types)

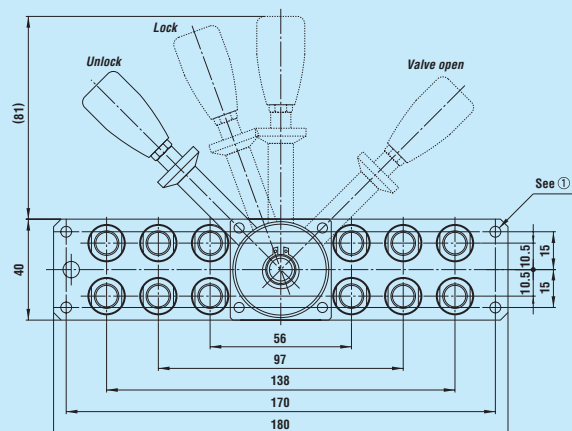
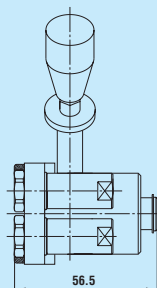
Application: R1/8 Mass: 350g (Plug), 800g (Socket)

Plug: Model **MAM-1TP-12**



① Drill 4.3mm diameter through plate and additional counter boring of 8mm diameter with 2mm depth at 4 positions. (Connection side)

Socket: Model **MAM-1S-12**



Dimensions (mm)