

## For Multi-Port Connection (Manual)

# Multi Cupla MAM Type

Multiple air port system

Working pressure



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

Valve structure



One-way shut-off

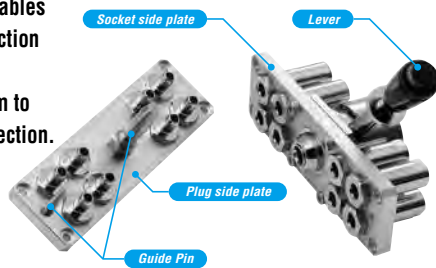
Applicable fluid



Air

**Simultaneously connects several ports securely in one operation!  
Greatly cuts cycle time in multiple ports replacement.**

- Handles several ports at once.
- Simple action with lever enables easy connection / disconnection manually.
- Comes with lock mechanism to prevent accidental disconnection.
- Valve on socket side only.



### Specifications

Body material	Cupla : Brass (Chrome plated)			
	Plate : Aluminum alloy (4, 8, 12 ports) / Plate : Steel (16 ports) Locking unit : Steel and others			
Size (Thread)	Rc 1/8			
Pressure unit	MPa	kgf/cm <sup>2</sup>	bar	PSI
Working pressure	0.7	7	7	102
Seal material	Seal material	Mark		Working temperature range
Working temperature range	Nitrile rubber	NBR (SG)		-20°C to +60°C

### Max. Tightening Torque

Nm (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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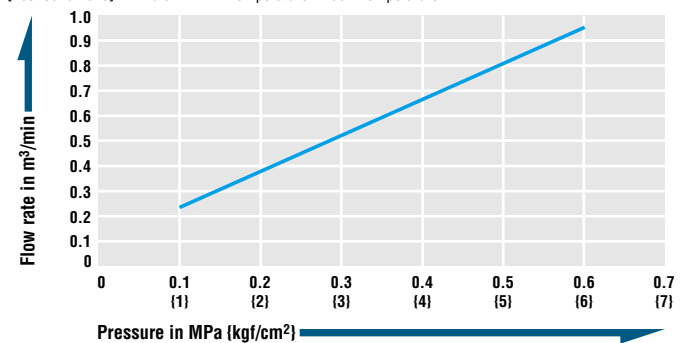
### Suitability for Vacuum

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



### Models and Dimensions

WAF : WAF stands for width across flats.

#### Model MAM-1TP-4 × MAM-1S-4 (4 ports type)

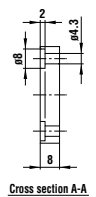
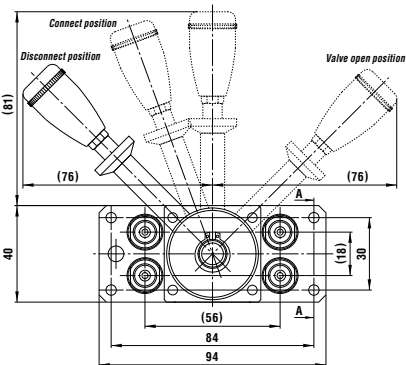
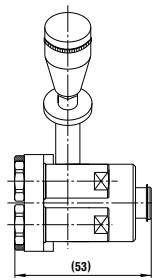
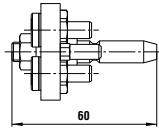
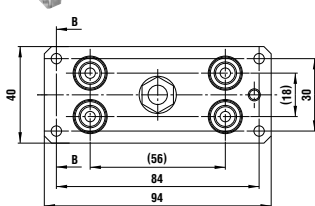
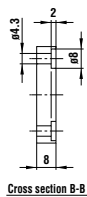
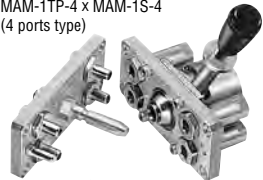
Application: R 1/8 Mass: 150 g (Plug), 500 g (Socket)

Plug: Model MAM-1TP-4

Socket: Model MAM-1S-4

Dimensions (mm)

MAM-1TP-4 × MAM-1S-4  
(4 ports type)



#### Model MAM-1TP-8 × MAM-1S-8 (8 ports type)

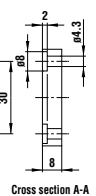
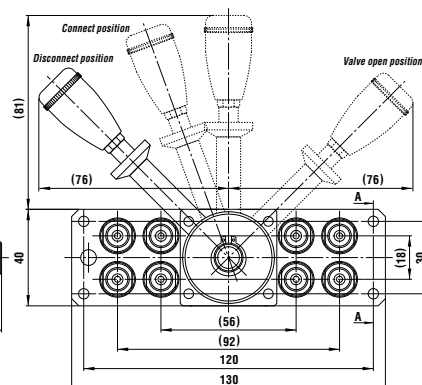
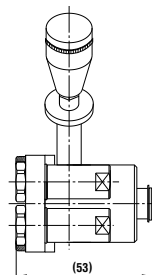
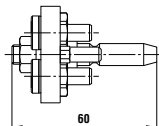
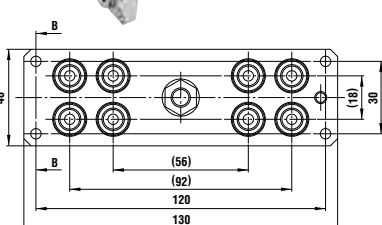
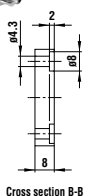
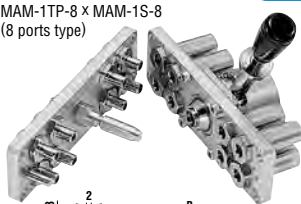
Application: R 1/8 Mass: 250 g (Plug), 650 g (Socket)

Plug: Model MAM-1TP-8

Socket: Model MAM-1S-8

Dimensions (mm)

MAM-1TP-8 × MAM-1S-8  
(8 ports type)



Models and Dimensions

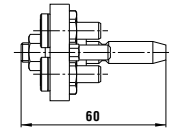
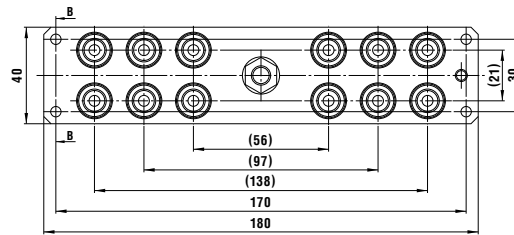
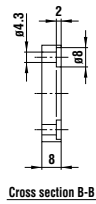
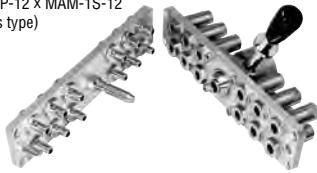
**Model MAM-1TP-12 × MAM-1S-12 (12 ports type)**

Application: R 1/8

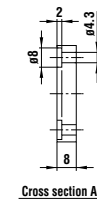
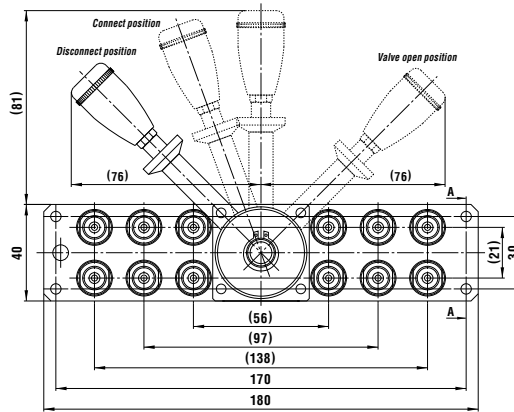
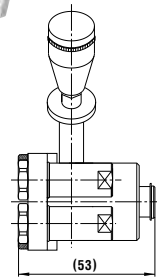
Mass: 350 g (Plug), 800 g (Socket)

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

MAM-1TP-12 × MAM-1S-12  
(12 ports type)



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



Dimensions (mm)

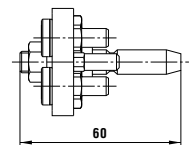
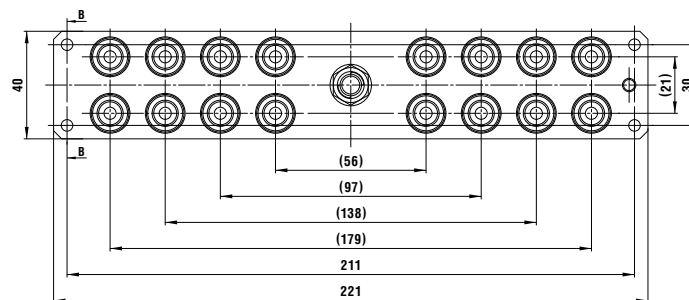
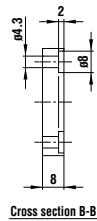
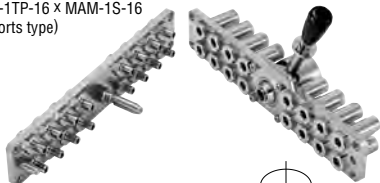
**Model MAM-1TP-16 × MAM-1S-16 (16 ports type)**

Application: R 1/8

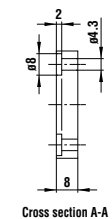
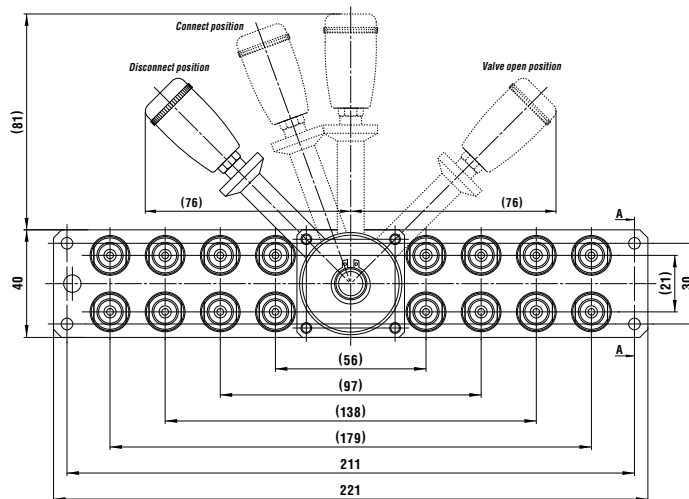
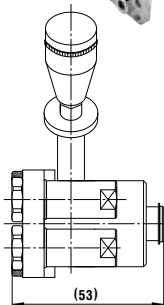
Mass: 680 g (Plug), 1180 g (Socket)

Plug: Model  
**MAM-1TP-16**

MAM-1TP-16 × MAM-1S-16  
(16 ports type)



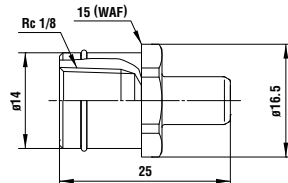
Socket: Model  
**MAM-1S-16**



Dimensions (mm)

**Plug Model MAS-1TP (Individual Cupla)**

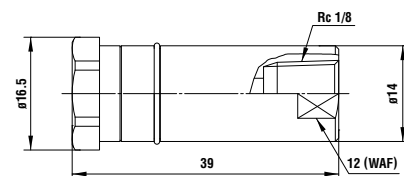
- Application: R 1/8 Mass: 17 g
- Can be mounted on model MAM-1TP-4/MAM-1TP-8/MAM-1TP-12/MAM-1TP-16.



Dimensions (mm)

**Socket Model MAS-1S (Individual Cupla)**

- Application: R 1/8 Mass: 33 g
- Can be mounted on model MAM-1S-4/MAM-1S-8/MAM-1S-12/MAM-1S-16.



Dimensions (mm)