For Low Pressure

Small Cupla

Lightweight and compact for use on air lines and scientific equipment

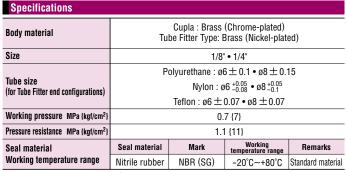


Lightweight and compact push-toconnect operation. Responding to requirements of modular combinations.

- Compact socket with built-in valve and 14mm OD sleeve. Suits applications calling for compact and modular components.
- Just push in the plug to the socket for connection by easy one hand operation.
- Chrome-plated brass for corrosion resistance adopted for the body. Stable performance for long life.
- A wide line-up of end configurations (female and male threads, hose barbs, manifolds) enables suitability with a wide range of piping applications such as pneumatic, scientific and medical equipment.

• Also available with Tube Fitter quick connect/disconnect type.

Note: Fluid will flow out from the plug side when disconnected. Take necessary precaution if the fluid is water.



 Above specifications apply only to Cuplas. Working pressure, pressure resistance and working temperature range may vary depending on tube materials you use with and temperature conditions you use under.

| Max. Tightening Torque N•m {kgf•cm | | | | | |
|------------------------------------|--------|--------|----------|--|--|
| Size | 1/8" | 1/4" | Nut type | | |
| Torque | 7 {71} | 9 {92} | 5 {51} | | |

Flow Direction

Air flows in either direction from plug or socket side when coupled.



Interchangeability

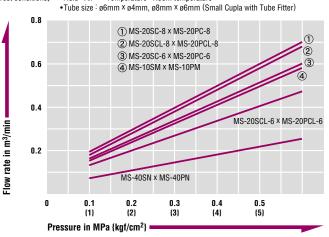
Sockets and plugs can be connected regardless of end configurations.

| Min. Cross-Sectional Area (mm²) | | | | | | | |
|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--|--|--|
| Model | MS-10SM X MS-10PM | MS-20SM X MS-20PM | MS-40SN X MS-40PN | MS-45SN X MS-45PN | Tube Fitter Type for 6mm OD tube | Tube Fitter Type for 8mm OD tube | |
| Min. cross- sectional area | 12.5 | 12.5 | 4.9 | 7 | 12.5 | 12.5 | |

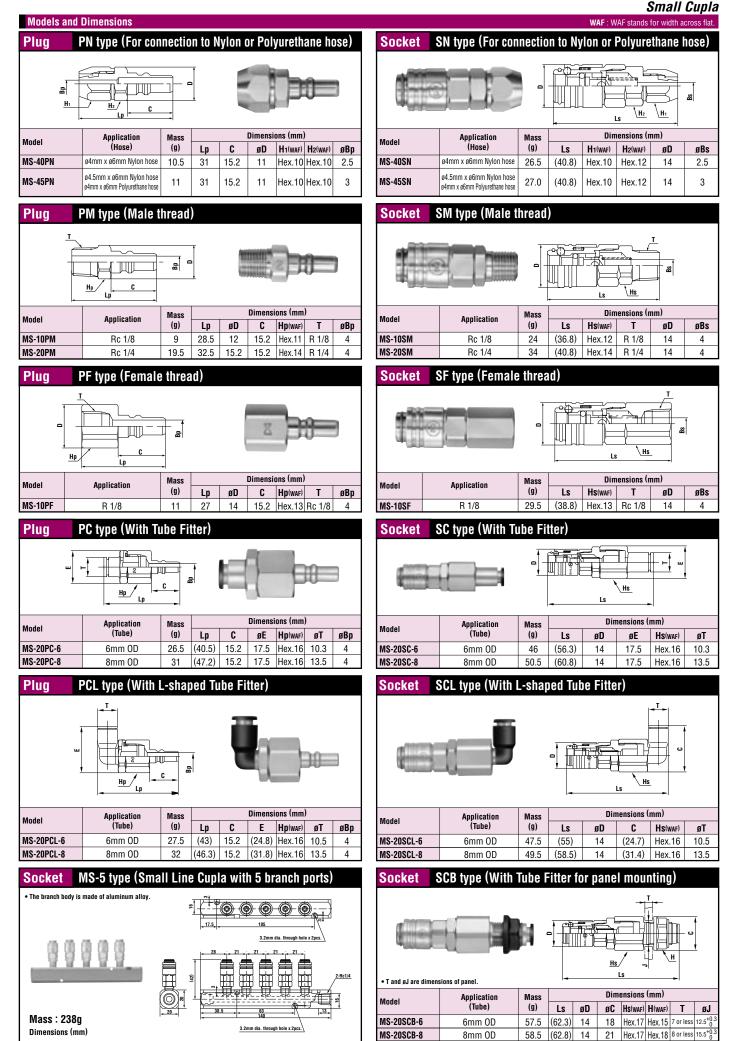
| Suitability for Vacuum | 53.0kPa {400mmHg} | | |
|------------------------|-------------------|----------------|--|
| Socket only | Plug only | When connected | |
| _ | _ | Operational | |

Pressure - Flow Characteristics

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







Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products