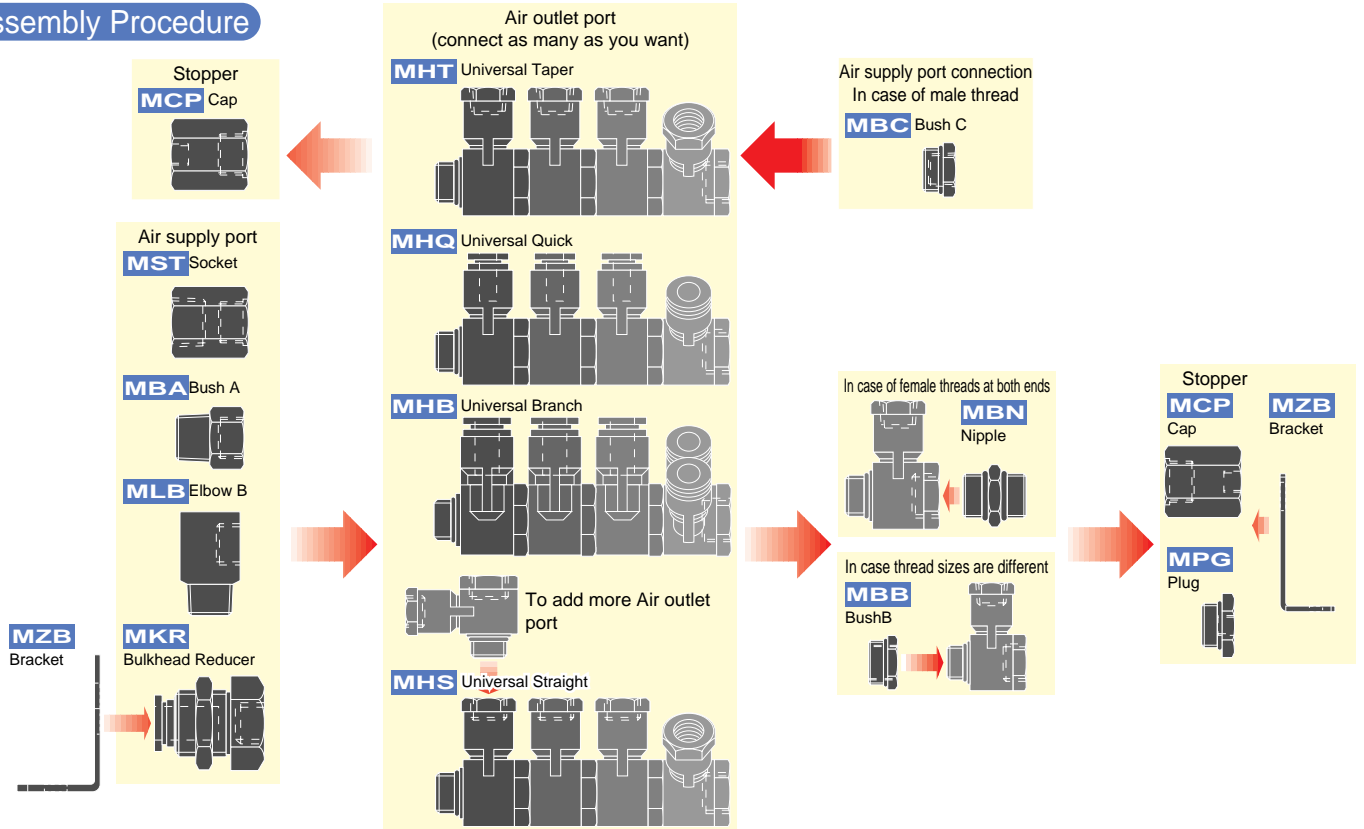


Concentrated Branching Joint for Assembly Main Block

Features

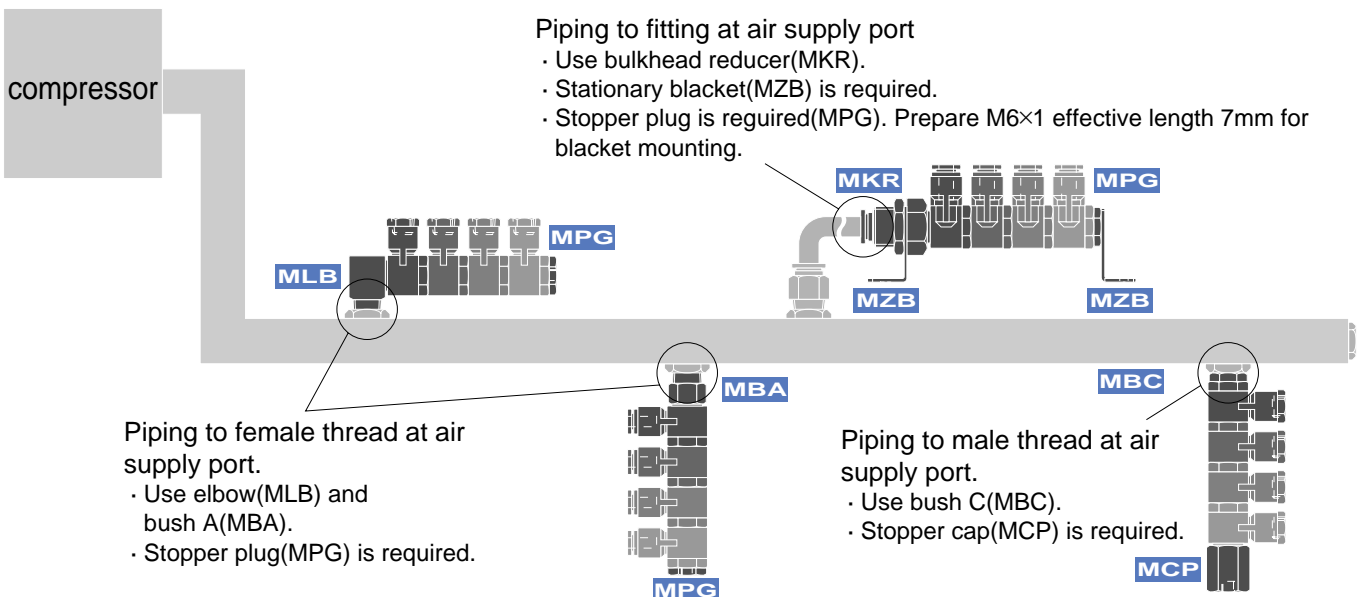
- These block parts can be assembled into a variety of manifold blocks for concentrated branching.
- For half the size, these parts assure the same flow rate as the steel piping.
- 14 types in different shapes can be combined freely according to your application.

Assembly Procedure

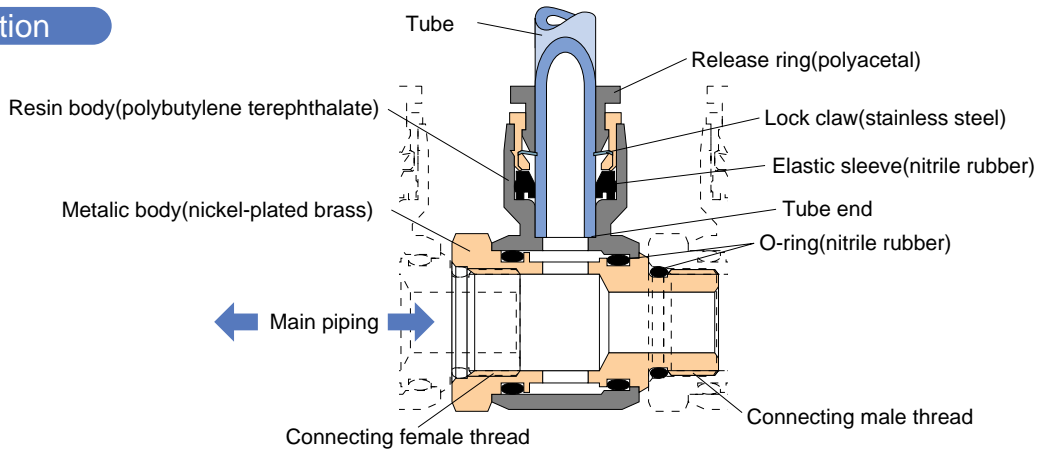


■ Components of the same connecting thread size can be connected.

- Air outlet port (3 type) MHQ, MHB, MHT (connect as many as you want.)
- Air supply port (5 type) MBA, MLB, MBC, MST, MKR
- Stopper (2 type) MPG, MCP
- In case connecting thread sizes are different MBB
- In case connecting threads are both female MBN
- Stationary bracket MZB



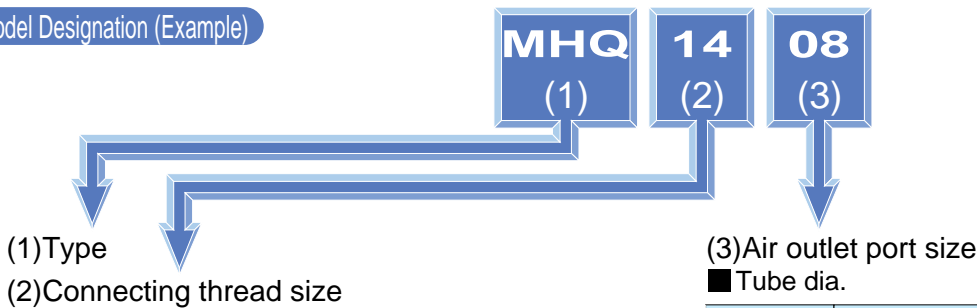
Construction



Specification

Fluid admitted	Air	
Service pressure range	0~150 psi	0~0.9MPa
Working vacuum	-29.5 in.Hg	-100 kPa
Service temperature range	32~140°F	0~60°C

Model Designation (Example)



(1) Type
(2) Connecting thread size

	Metric thread			
Code	08	12	14	18
Size(mm)	M8×1	M12×1	M14×1	M18×1

(3) Air outlet port size
■ Tube dia.

	Tube O.D.					
Code	04	06	08	10	12	16
Size(mm)	φ4	φ6	φ8	φ10	φ12	φ16

■ Thread size

	Metric thread(mm)		Taper pipe thread			
Code	M5	M6	01	02	03	04
Size	M5×0.8	M6×1	R1/8	R1/4	R3/8	R1/2

⚠ Detailed Safety Instructions

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in this Manual" on page 23~24 and "Common Safety Instructions for Quick-Fitting Joint" on pages 29~31.

⚠ Warning




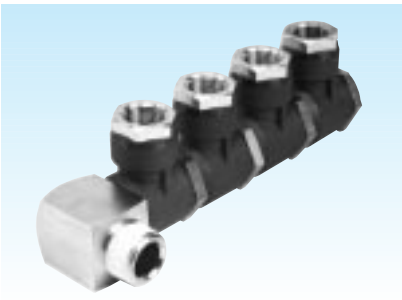





1. Provide brackets or other support means when the block is subject to bending loads or when the block consists of many joints. Use without such support means may cause deformation of the mated equipment or damage to the joint body.
2. Do not connect too many blocks of small orifice diameters. Sufficient air supply pressure may not be maintained.

⚠ Caution

1. When installing or removing the Main Block, use a supplied main block assembling wrench. Without the use of tool, assembly may be difficult or deformation of the body may result.

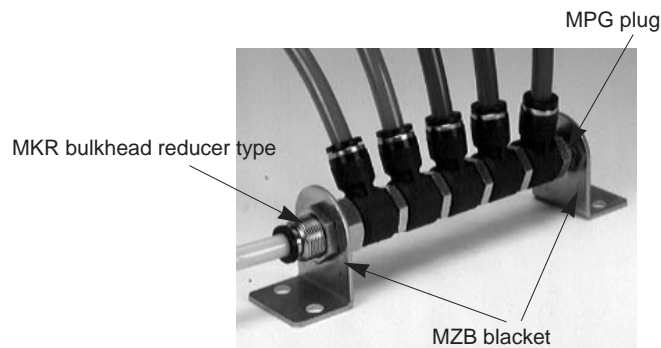
Assembly Examples

Air outlet port

		Universal taper type	Universal quick type	Universal branch type
Air supply port	Male-straight type			
	Male-elbow type			
	Bulkhead reducer type			

*Use bracket(MZB) as below when bulkhead reducer type at air supply port is used at a stationary position.

● Mounting of bulkhead reducer type at air supply port.



*MPG plug has female thread on top for connection to the bracket(M6×1 effective length 7mm).