PISCO®

No, NP 58-01

Main Block

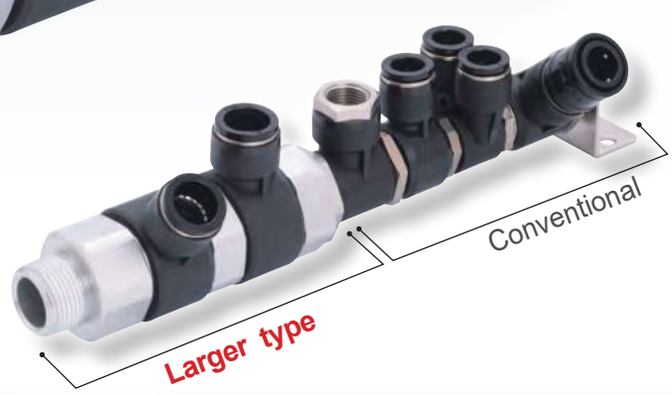
Large Air Manifold

New

Large O.D. /Thread/High Flow rate

Thread Sizes
R3/4、R1

Metal material：Aluminum
Rubber material：HNBR



Light-weight

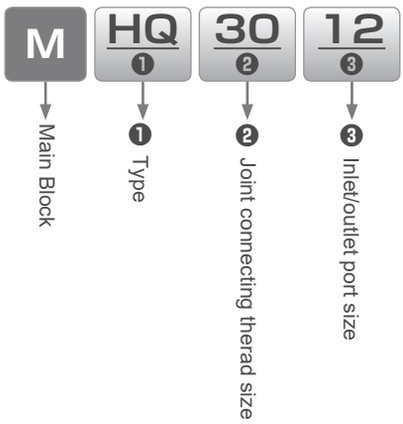
Use in **Low ozone concentration environments**

Suitable for high flow air piping !

VLM
Vacuum generator

VFL
High flow vacuum filter

Model Designation (Example)



❶. Type

Code	BA	BB	HQ	PG
Type	Bush A	Bush B	Push-in Banjo	Plug

❷. Joint Connecting thread

Code	30
Size (mm)	M30×1.5

❸. Inlet/outlet port size

■ Tubing O.D. (Outlet port)

	Inch O.D.		Metric O.D.	
Code	1/2	5/8	12	16
O.D. Size	ø1/2"	ø5/8"	ø12mm	ø16mm

■ Thread size (Inlet port)

Code	06	08
Size BSPT	R3/4	R1

❖ R thread is same as BSPT

■ Adapter thread size (Interchange Bush : MBB)

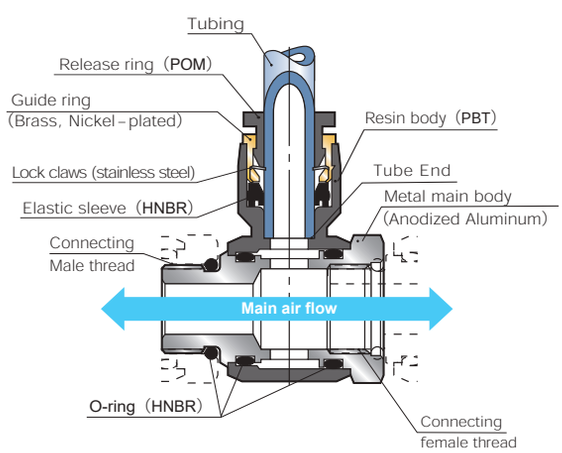
Code	18
Size (mm)	M18×1

Specification

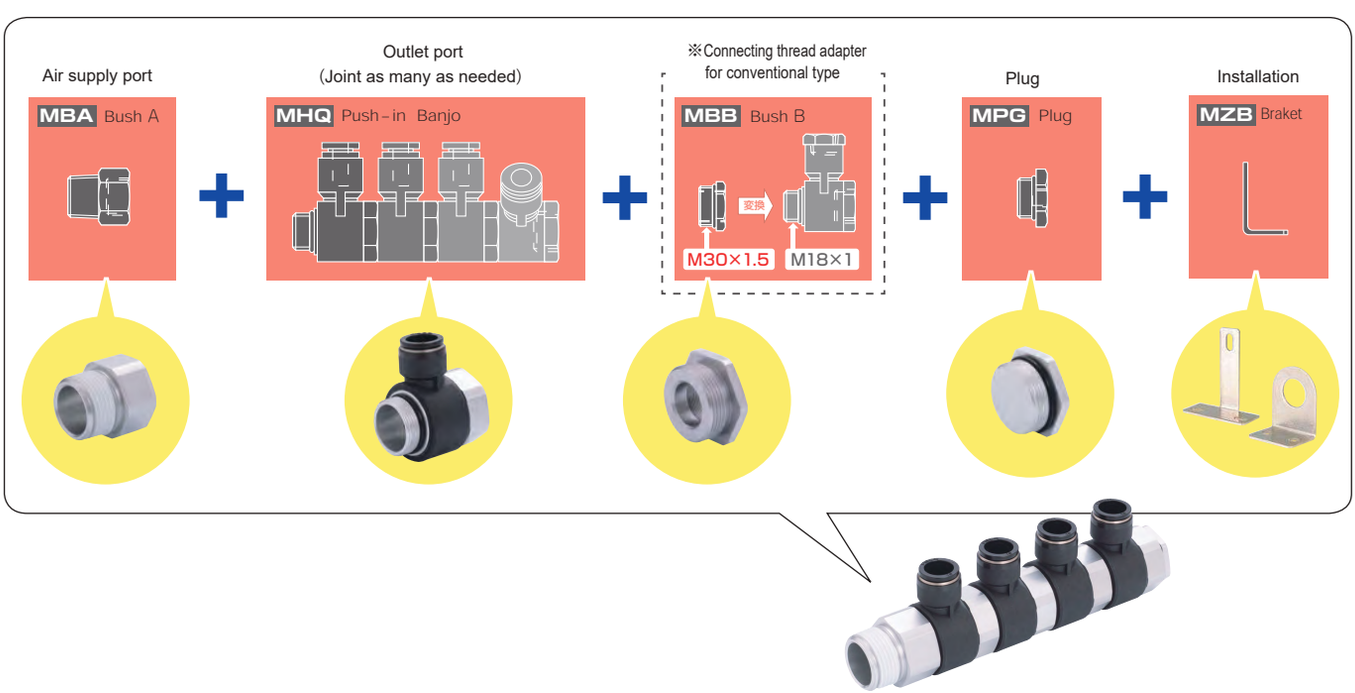
Fluid Medium	Air
Max. Service Pressure	145psi (1.0MPa) ※
Negative Pressure	29.5inHg (-100kPa)
Service Temp. range	32 ~ 140°F (0 ~ 60℃) (No freezing)

※) In case using with QMC20, this must be 130psi (0.9MPa)

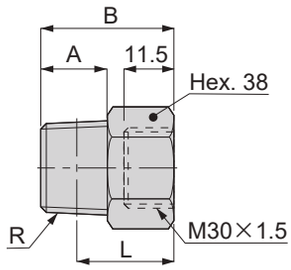
Structure



Assembly



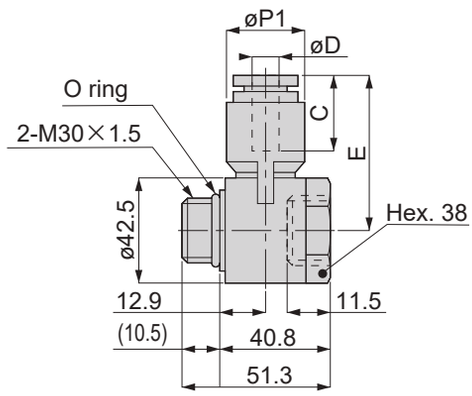
MBA Bush A



Unit：mm

Model	R	A	B	L	Effective area (mm^2)	Weight (g)	Price ($)
MBA3006	R3/4	17	38	28.5	254.5	49	26.36
MBA3008	R1	20	41	30.6	471.4	54	26.36

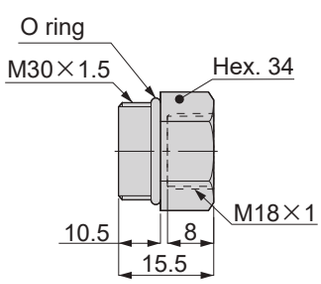
MHQ Push-in Banjo



Unit：mm

Model	Tubing O.D. øD	øP1	Tube end C	E	Effective area (mm^2)	Weight (g)	Price ($)
MHQ301/2	1/2	21.7	23.7	43.3	63	69	31.17
MHQ305/8	5/8	25	24.1	42.9	86.8	70	31.17
MHQ3012	12	21.7	23.4	43	63	70	29.09
MHQ3016	16	25	24.1	42.9	86.8	70	31.17

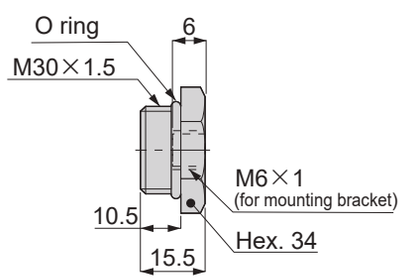
MBB Bush B



Unit：mm

Model	Weight (g)	Price ($)
MBB3018	23	19.55

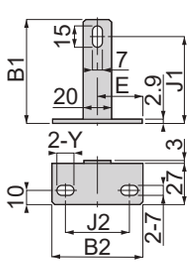
MPG Plug



Unit：mm

Model	Weight (g)	Price ($)
MPG30	33	17.27

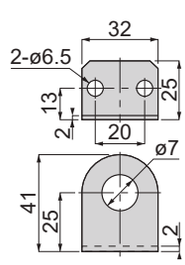
MZB Bracket



Unit：mm

Model	B1	B2	J1	E	J2	Y	Weight (g)	Price ($)
MZB061B	75	65	62.5	32.5	46	12	73	4.55
MZB062B		80		40	63	13	84	4.55
MZB161B	55	65	42.5	32.5	46	12	64	4.55
MZB162B		80		40	63	13	73	4.55

MZB Bracket



Unit：mm

Model	Weight (g)	Price ($)
MZB06	28	4.36

Relevant Products

Vacuum Generator VLM

Stackable vacuum generating unit and multi-stage nozzles realizes high suction flows as needed.

The suction flow is about **2.2** times as much as the air consumption.

High Vacuum

-27.7 inHg
-94kPa

High Flow

39 scfm
Max. 1,110
ℓ/min [ANR]

Large Flow Vacuum Filter VFL

Preventing vacuum pumps/generators from malfunctions getting rid of dusts.

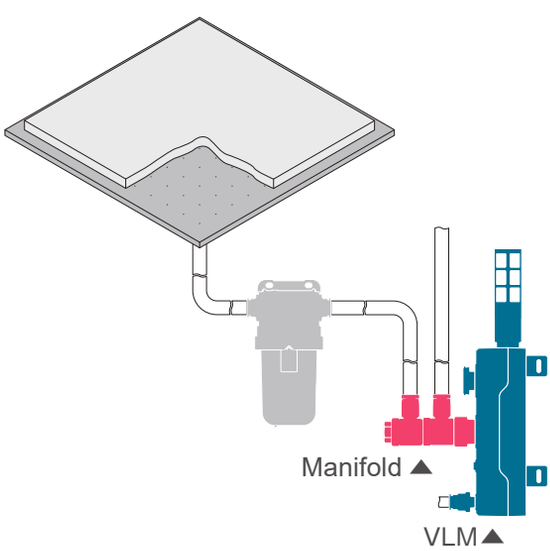
Filteration accuracy	1㎛、5㎛、10㎛、200㎛
Connection type	Tapered pipe thread/Paralle pipe thread/Push-in fitting

High Flow

12.7scfm
360
ℓ/min [ANR]

VLM application example

Vacuum holding



VFL application example

Vacuum Lifter