



Stainless steel made
Double shut-off valve mounted
0.98MPa(10kgf/cm²)

Quick Joint



IHARA SCIENCE CORPORATION

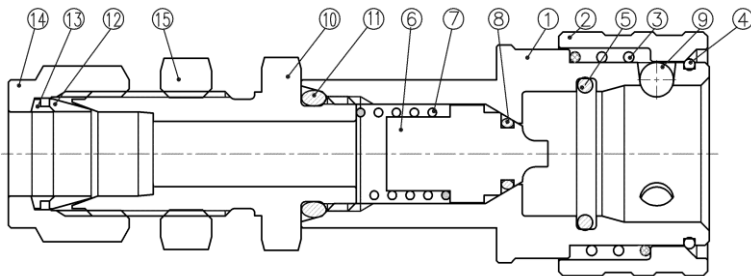
Characteristic

- Compact, Light weight
- Excellent flow characteristics
- Improved operating performance
by reducing desorption load
- ✕ Connection type, sealing materials, etc. are optional.



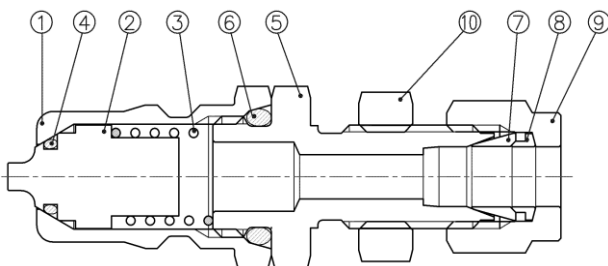
Material

Socket set (bulkhead type)



No.	Parts name	Ea.	Material
①	Socket	1	304SS
②	Sleeve	1	304SS
③	Spring for sleeve	1	304SS
④	Stop ring	1	304SS
⑤	O-ring	1	FKM
⑥	Valve	1	304SS
⑦	Spring for valve	1	304SS
⑧	O-ring	1	A305
⑨	Ball	1	304SS
⑩	Connector	1	304SS
⑪	O-ring	1	FKM
⑫	Front ferrule	1	316SS
⑬	Back ferrule	1	316SS
⑭	Nut	1	316SS
⑮	Rock nut	1	316SS

Plug set (bulkhead type)



No.	Parts name	Ea.	Material
①	Plug body	1	304SS
②	Valve	1	304SS
③	Spring for valve	1	304SS
④	O-ring	1	A305
⑤	Connector	1	316SS
⑥	O-ring	1	FKM
⑦	Front ferrule	1	316SS
⑧	Back ferrule	1	316SS
⑨	Nut	1	316SS

Model

Coupler Full Set

QA ① - ②③ ②③ - OF - ⑤ - ⑥

①	
Valve Size	Mark
3/8"	6
1/2"	8

②	
Connection Size	Mark
1/4"	04
3/8"	06
1/2"	08

③	
Connection	Mark
BI-Lok (Straight)	D
BI-Lok (Bulkhead)	C
JIS/BSPT (Male)	P
JIS/BSPT (Female)	R
NPT (Male)	N
NPT (Female)	F

⑤	
O-ring Material	Mark
Standard	(blank)
FKM	F
NBR	N
EPDM	E
FFKM	P

*All 3 O-rings

⑥	
Option	Mark
None	(blank)
Stop ring color (RED)	RED
Stop ring color (BLUE)	BLU
Panel Nut (*)	PN

*Only for Socket

*EP-Fit, E1-Touch, VTF connections are available upon request.



Socket/Plug Set

QA ① - ②③ - ④ - ⑤ - ⑥

①	
Valve Size	Mark
3/8"	6
1/2"	8

②	
Connection Size	Mark
1/4"	04
3/8"	06
1/2"	08

③	
Connection	Mark
BI-Lok (Straight)	D
BI-Lok (Bulkhead)	C
JIS/BSPT (Male)	P
JIS/BSPT (Female)	R
NPT (Male)	N
NPT (Female)	F

*EP-Fit, E1-Touch, VTF connections are available upon request.

④	
Type	Mark
Socket	OS
Plug	OP

⑤	
O-ring Material	Mark
Standard	(blank)
FKM	F
NBR	N
EPDM	E
FFKM	P

*All 3 O-rings

⑥	
Option	Mark
None	(blank)
Stop ring color (RED)	RED
Stop ring color (BLUE)	BLU
Panel Nut (*)	PN

*Only for Socket



Model

QA6 series

BI-Lok Connection			
Shape	Model Nos.	Conn. • Size	
Coupler Full set	QA6-04D04D-OF	BI-LOK	1/4OD
Socket set	QA6-04D-OS	"	1/4OD
Plug set	QA6-04D-OP	"	1/4OD
Coupler Full set	QA6-06D06D-OF	BI-LOK	3/8OD
Socket set	QA6-06D-OS	"	3/8OD
Plug set	QA6-06D-OP	"	3/8OD

R-thread Connection			
Shape	Model Nos.	Conn. • Size	
Coupler Full set	QA6-04P04P-OF	R	1/4
Socket set	QA6-04P-OS	"	1/4
Plug set	QA6-04P-OP	"	1/4
Coupler Full set	QA6-06P06P-OF	R	3/8
Socket set	QA6-06P-OS	"	3/8
Plug set	QA6-06P-OP	"	3/8

Bulkhead BI-Lok Connection			
Socket set Long	QA6-04C-OS	BI-LOK	1/4OD
Plug set Long	QA6-04C-OP	"	1/4OD
Socket set Long	QA6-06C-OS	"	3/8OD
Plug set Long	QA6-06C-OP	"	3/8OD

Rc-thread Connection			
Coupler Full set	QA6-04R04R-OF	Rc	1/4
Socket set	QA6-04R-OS	"	1/4
Plug set	QA6-04R-OP	"	1/4
Coupler Full set	QA6-06R06R-OF	Rc	3/8
Socket set	QA6-06R-OS	"	3/8
Plug set	QA6-06R-OP	"	3/8

QA8 series

BI-Lok Connection			
Shape	Model Nos.	Conn. • Size	
Coupler Full set	QA8-08D08D-OF	BI-LOK	1/2OD
Socket set	QA8-08D-OS	"	1/2OD
Plug set	QA8-08D-OP	"	1/2OD

Bulkhead BI-Lok Connection			
Socket set Long	QA8-08C-OS	BI-LOK	1/2OD
Plug set	QA8-08C-OP	"	1/2OD

R-thread Connection				
Shape	Model Nos.	Conn. • Size		L
Coupler Full set	QA6-04P04P-OF	R	1/4	90
Socket set	QA6-04P-OS	"	1/4	66.8
Plug set	QA6-04P-OP	"	1/4	48.1

Rc-thread Connection				
Socket set	QA6-04R-OS	"	1/4	68.8
Plug set	QA6-04R-OP	"	1/4	50.1

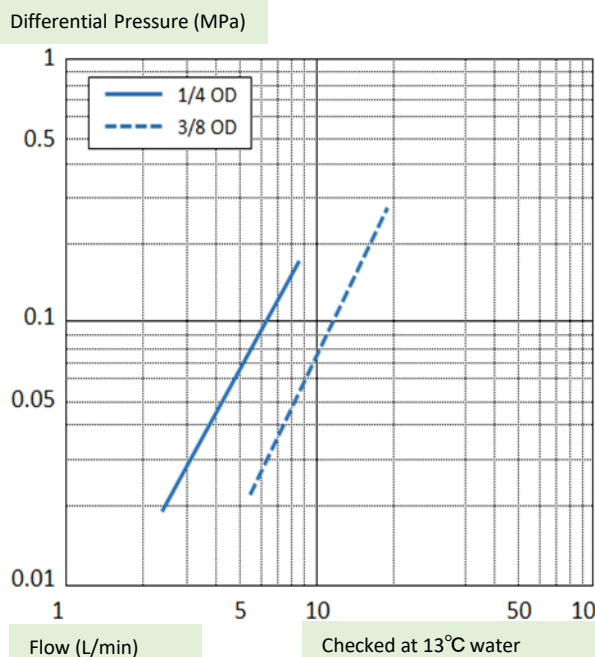
Specification

Range of working temperature		5~80°C (41~176°F)
Maximum working pressure		1 MPa (@38°C) 300psi (@100°F)
Seal material (standard)		O-ring (valve) : NBR O-ring (socket) : FKM
Applied fluids		Water, Air, Inert gas
Connect type	BI-Lok	1/4", 3/8", 1/2"
	Thread	R1/4", R3/8", R1/2" Rc1/4", Rc3/8", Rc1/2" NPT 1/2", 3/8", 1/2"

Max Cv

TYPE	MAX Cv
QA6-1/4"	0.4
QA6-3/8"	0.7
QA8-1/2"	2.3

Pressure-Flow Chart



WARRANTY CLAUSE

1. Warranty Period

The warranty period of the products is one (1) year from putting into service or one and half (1.5) years after delivery whichever comes earlier. However, the products specially specified and/or the cases used under deviating from the specification shall be exempted.

2. Scope of Warranty

Any failure and damage under maker's responsibility will be found during the warranty period, the substitutes and/or replacement parts shall be provided free of charge. The warranty shall not be applied to a claim for the liquidated damages.

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