



X B&PLUS®

Air Self Joint

New !

Automatic connection of Air

# The Revolution of air coupling! Air Self Joint !!

## ■ SPECIFICATION

- Target Fluid : Air, Inert Gas
- Pressure-Resistant : 1.00MPa
- Pressure Range : 0.2 ~ 0.7MPa
- Temperature Range : -5 ~ 60°C
- Effective Stroke : 7mm (Max. Stroke : 9mm)
- Maximum Usage Count : 100,000 (Warranty time)
- Material : SUS303  
(without some parts)



## ■ FEATURES

### ○ Supply Air by Elasticity of a spool in the Joint !

When air is supplied in the joint, the spool is be longer and touch the connection side. This function make more value for your setting position and space. (Connection distance is Max.7mm)

### ○ Simple spool movement !

Spool move by the air. When air finished, It returns to the original form according to the power of a spring. This movement is occured by only air, it mean there are no electric control as Cylinder.

### ○ ±1°C is possible as the angle with the connection side!

It has floating function inside. This function make it possible of ±1°C angle with connection side!

### ○ The Joint has Self Protection function

In order to protect apparatus form the shock by residual pressure opening, It has residual pressure valve in itself, and this function protect itself.

### ○ Easy connection by the Plane joint!

This connect by the plane joint. It need only the hole at connection side.

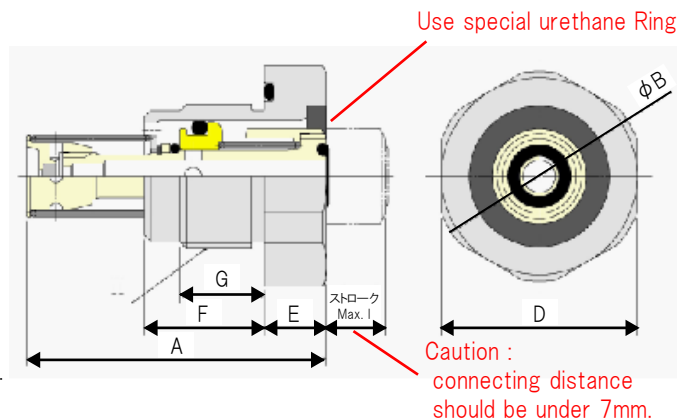
There are no additional equipment. It reduce your cost.

(Please make plane roughness under 6.3S because the special Urethane Ring are used.)

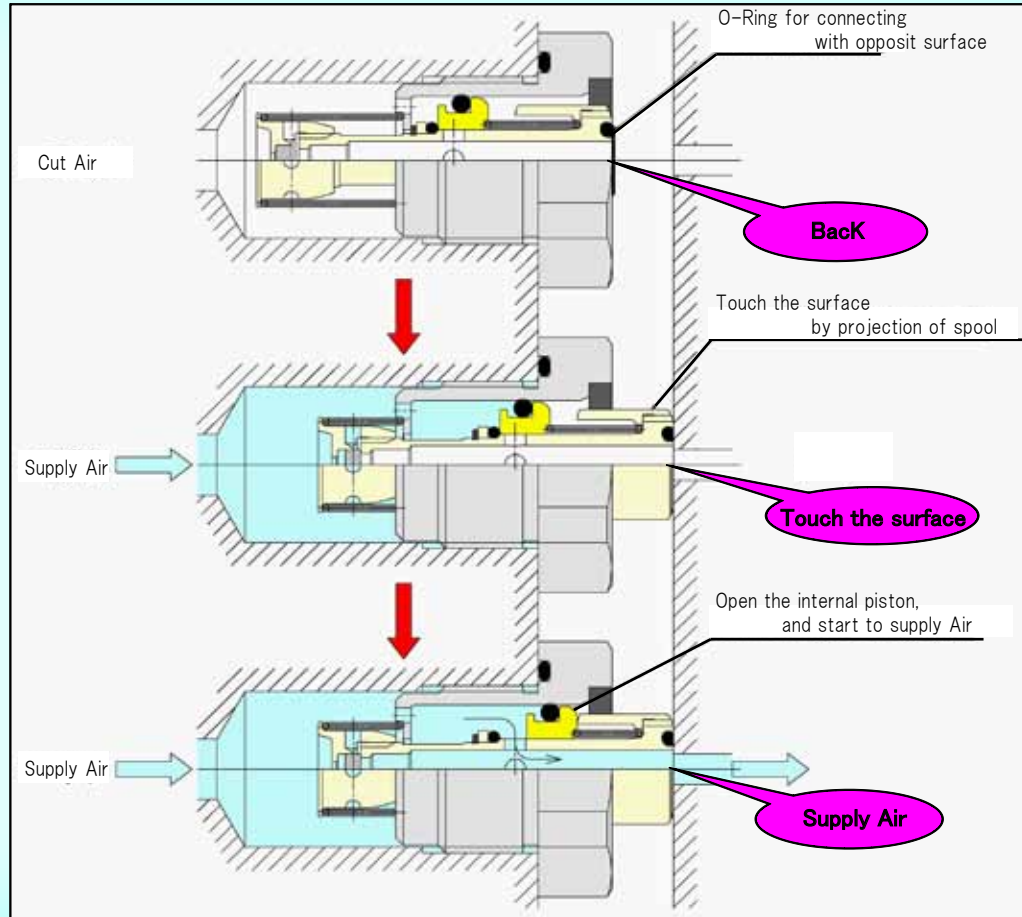
## ■ SHAPE AND DIMNSIONS

Model	A	B	D	E	F	G	H	I	Hole size
ASJ-01	46	32	30	9.5	16	13	M22X1.5	9	Under φ 4
ASJ-02	47	37	35	9.5	19	14	M24X1.5	9	Under φ 6
ASJ-03	52	40	36	9.5	23	14	M27X1.5	9	Under φ 8
ASJ-04	53	41	38	9.5	23	14	M30X1.5	9	Under φ 10

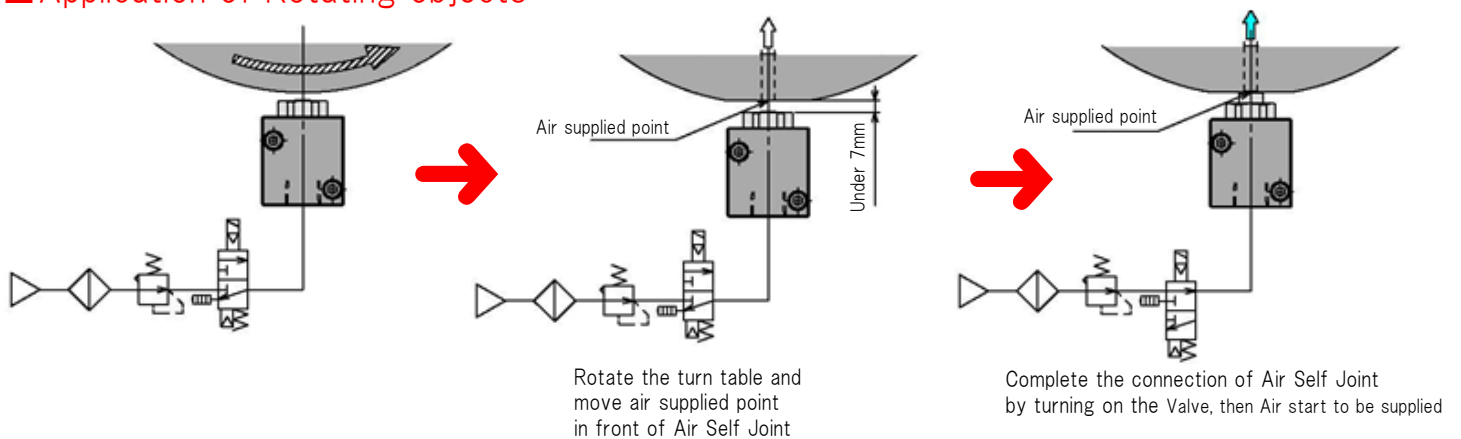
※Maximum stroke of Spool is 9mm. However this stroke is not same as effective stroke.



### ■ The detail Movement



### ■ Application of Rotating objects



### ■ Application of Slide objects

