

# Other Types of Nozzles and Accessories – Accessories



## Retaining cap style adjustable joints MAJ-Series

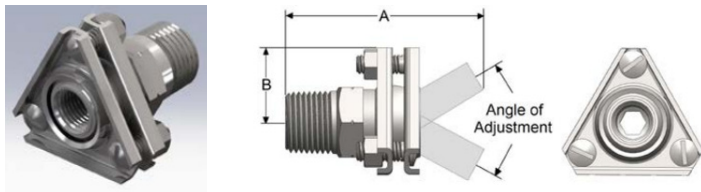
### TYPICAL APPLICATIONS:

The MAJ series of adjustable joints allow spray nozzles or other threaded items to be rotated and tilted to obtain the desired spray pattern or orientation, without having to disturb the surrounding piping. They may also be used within piping systems as an adjustable union type connection.

### CONSTRUCTION:

The unit consists of a male inlet section and a female outlet section, held together by a threaded cap. The cap may be loosened to change the angle of adjustment between the inlet and outlet sections. Maximum recommended operating pressure is 20 bar. Standard materials are brass, 303 stainless steel, and 316 stainless steel.

MODEL NUMBER	Inlet Thread (BSPT)	Outlet Thread (BSPT)	Dim. A (max) (mm)	Dim. L (max) (mm)
1/8MAJ	1/8 male	1/8 female	25	36
1/4MAJ	1/4 male	1/4 female	28	41
3/8MAJ	3/8 male	3/8 female	35	46
1/2MAJ	1/2 male	1/2 female	44	56
3/4MAJ	3/4 male	3/4 female	49	61



## Flanged adjustable joints AJ-Series

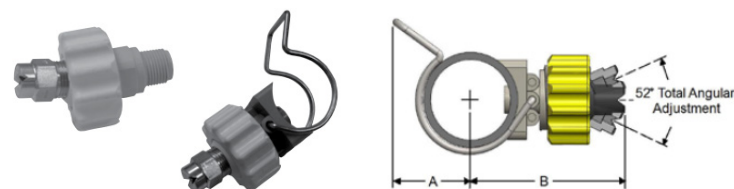
### TYPICAL APPLICATIONS:

To rotate and tilt spray nozzles, to obtain a desired positioning of a spray pattern, without having to disturb surrounding piping. May also be used within piping systems as an adjustable union type connection. Maximum recommended operating pressure is 120 p.s.i.

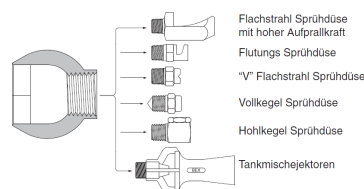
### CONSTRUCTION:

The unit consists of a male inlet section and a female outlet section, held together by a flange assembly. Locking screws may be loosened to change the angle of adjustment between the inlet and outlet sections. Standard materials are brass and 303 or 316 stainless steel with 304 stainless steel flanges.

MODEL NUMBER	Inlet Thread (BSPT)	Outlet Thread (BSPT)	Dim. A (max) (mm)	Dim. B (max) (mm)	Maximum Angle of Adjustment
1/8 x 1/8AJ	1/8 male	1/8 female	44.5	25.4	60°
1/4 x 1/8AJ	1/4 male	1/8 female	44.5	25.4	60°
1/4 x 1/4AJ	1/4 male	1/4 female	44.5	25.4	60°
3/8 x 1/4AJ	3/8 male	1/4 female	44.5	25.4	60°
3/8 x 3/8AJ	3/8 male	3/8 female	44.5	25.4	45°
1/2 x 1/2AJ	1/2 male	1/2 female	63.5	38.1	50°
1/8 x 3/4AJ	1/8 male	3/4 female	63.5	38.1	50°
3/4 x 1/2AJ	3/4 male	1/2 female	66.7	38.1	50°
3/4 x 3/4AJ	3/4 male	3/4 female	66.7	38.1	40°



## K-Ball® Clip-On as adjustable joints.



Use the threaded or clip-on K-Ball® to “tilt” the spray pattern into almost any desired orientation.