

### Features

1. High operating force, and high tensile stresses.
2. Auto align for any misalignment between workpiece and the air cylinder.
3. Improve efficiency of the assembly operation through alignment process.
4. Improve lifespan with dust proof design.

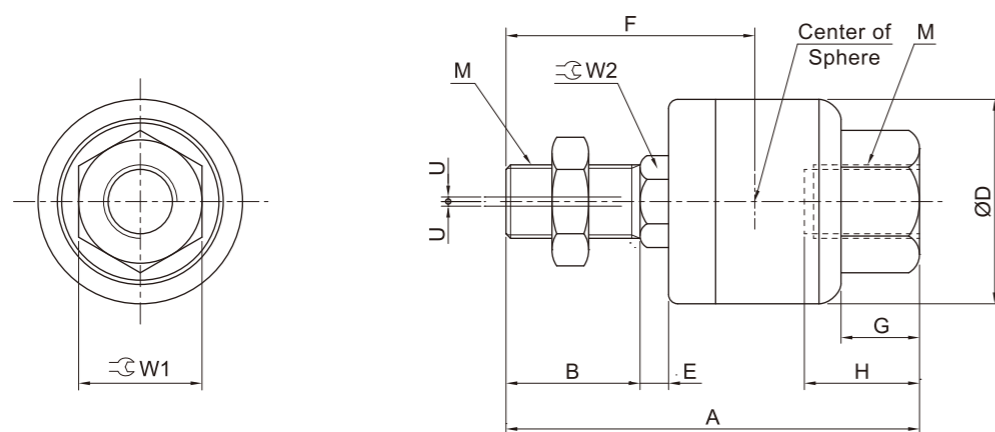


### Specification

Model (Order code)	Bore Size ( mm )	Thread Size	Maximum Operating Force ( N )	Eccentricity ( mm )	Rotation angle
FD - M04T	10	M4X0.7	54	0.5	±5°
FD - M05T	10 / 15	M5X0.8	123	0.5	±5°
FD - M06T	15	M6X1.0	123	0.5	±5°
FD - M08T	20	M8X1.25	1100	0.5	±5°
FD - M10T	25 / 30	M10X1.25	2500	0.5	±5°
FD - M12T	30 / 40	M12X1.25	4400	0.75	±5°
FD - M14T	40	M14X1.5	6000	0.75	±5°
FD - M16T	50	M16X1.5	11000	1.0	±5°
FD - M18T	50 / 63	M18X1.5	11000	1.0	±5°

### Ext. Dimensions [ mm ]

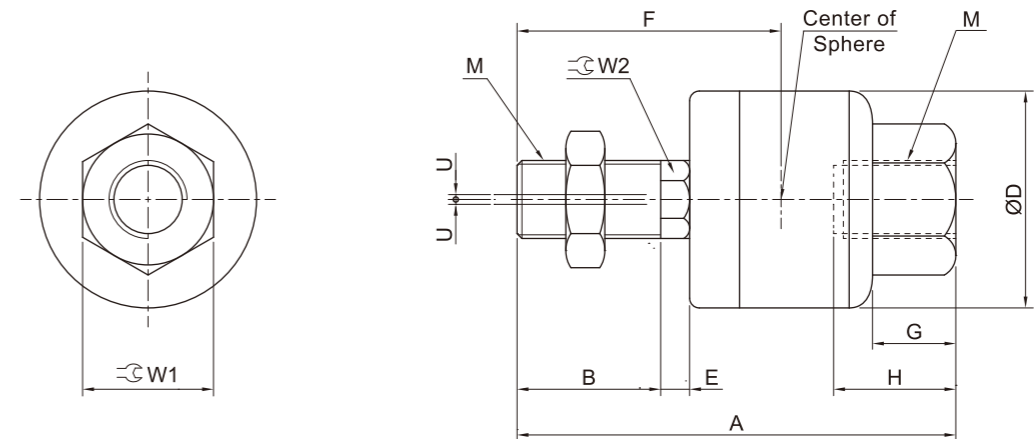
#### • FD - M04T ~ FD - M06T



Model	M	A	B	D	E	F	G	H	W1	W2	U
FD - M04T	M4X0.7	28	10	12	1.5	17.75	4	5.5	7	4	0.5
FD - M05T	M5X0.8	37	14	16	2	24	5	7	10	6	0.5
FD - M06T	M6X1.0	37	14	16	2	24	5	7	10	6	0.5

### Ext. Dimensions [ mm ]

#### • FD - M08T ~ FD - M18T



Model	M	A	B	D	E	F	G	H	W1	W2	U
FD - M08T	M8X1.25	46	17.5	21	4.5	30.5	7	7	13	7	0.5
FD - M10T	M10X1.25	51	19.5	24	5	33.75	8	9	17	8	0.5
FD - M12T	M12X1.25	60	20	31	6	37.5	11	13	22	11	0.75
FD - M14T	M14X1.5	60	20	31	6	37.5	11	13	22	11	0.75
FD - M16T	M16X1.5	75	25	41	7.5	47	13.5	15	27	14	1.0
FD - M18T	M18X1.5	75	25	41	7.5	47	13.5	15	27	14	1.0

### Applications



Eccentricity and operating angle between the cylinder axial center and operating direction.

