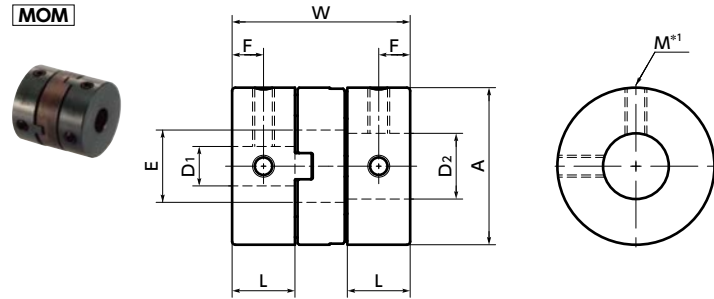


# MOM Flexible Couplings - Oldham Type - Set Screw Type

WEB Selection Tool | WEB CAD Download | High torque | High Rigidity



\* 1 : In a case where the bore diameter is  $\phi$  4 or less, the set screw is used in only one place.

## Dimensions

Unit : mm

Part Number	A	L	W	E	F	M	Screw Tightening Torque (N·m)
MOM-12	12	5.2	15	5.9	2.6	M2.5	0.5
MOM-15	15	5.4	16.6	6.9	2.7	M3	0.7
MOM-17	17	6.7	20.4	7.3	3.35	M3	0.7
MOM-20	20	7	22	11.1	3.5	M3	0.7
MOM-26	26	9	26.6	13.3	4.5	M4	1.7
MOM-30	30	12	34	15.5	6	M4	1.7
MOM-34	34	13	35	17.5	6.5	M5	4
MOM-38	38	15	40.5	21.5	7.5	M5	4
MOM-45	45	15	45.2	24.3	7.5	M5	4
MOM-55	55	17	51	27.7	8.5	M6	7
MOM-70	70	20	58.6	38.5	10	M8	15

Part Number	Standard Bore Diameter (Dimensional Allowance H8)																							
	D1/D2	3	4	5	6	6.35	8	10	12	14	15	16	18	20	22	24	25	28	30	35	38	40	42	
MOM-12		●	●	●	●																			
MOM-15		●	●	●	●		●																	
MOM-17			●	●	●		●	●																
MOM-20				●	●	●	●	●	●															
MOM-26					●	●	●	●	●	●														
MOM-30						●	●	●	●	●	●													
MOM-34							●	●	●	●	●	●												
MOM-38								●	●	●	●	●	●											
MOM-45									●	●	●	●	●	●										
MOM-55										●	●	●	●	●	●									
MOM-70												●	●	●	●	●	●	●	●	●	●	●	●	●

- All products are provided with hex socket set screws.
- Recommended tolerance for shaft diameters is h6 and h7.
- A set of hubs with set screw type for one side and clamping type for the other side is available upon request.

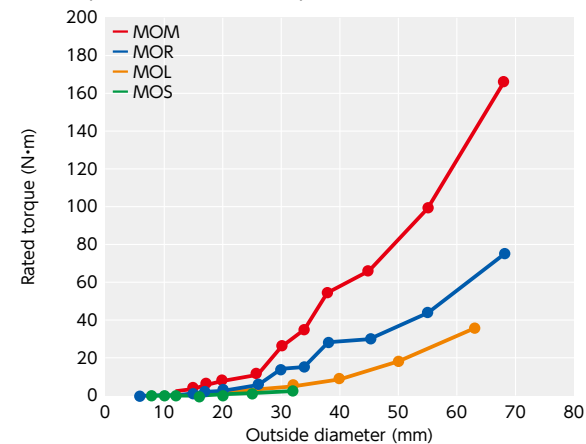
Additional Keyway at Shaft Hole → P.xxxx | Cleanroom Wash & Packaging → P.xxxx | Change to Stainless Steel Screw → P.xxxx

## Performance

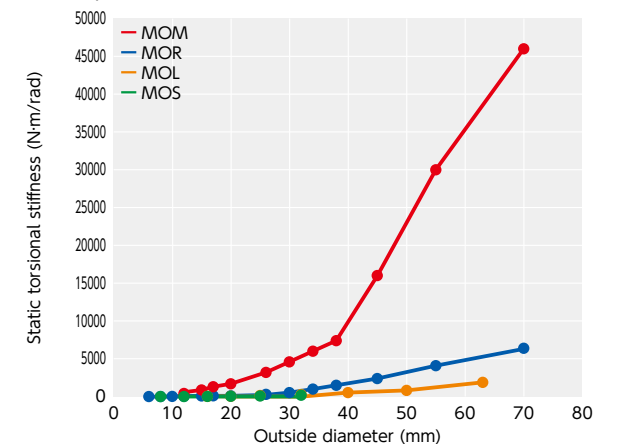
Part Number	Max. Bore Diameter (mm)	Rated Torque *1 (N·m)	Maximum Torque *1 (N·m)	Max. Rotational Frequency (min <sup>-1</sup> )	Moment of Inertia *2 (kg·m <sup>2</sup> )	Static Torsional Stiffness (N·m/rad)	Max. Lateral Misalignment *3 (mm) → P.xxxx	Max. Angular Misalignment (°)	Mass *2 (g)
MOM-12	6	2.7	5.4	2000	2.0×10 <sup>-7</sup>	420	0.3	2	9
MOM-15	8	3.3	6.6	2000	5.5×10 <sup>-7</sup>	870	0.3	2	15
MOM-17	10	5.5	11	2000	1.1×10 <sup>-6</sup>	1300	0.3	2	24
MOM-20	12	7.7	15.4	2000	2.3×10 <sup>-6</sup>	1700	0.4	2	34
MOM-26	15	11	22	2000	8.1×10 <sup>-6</sup>	3200	0.5	2	72
MOM-30	18	26	52	2000	1.8×10 <sup>-5</sup>	4600	0.6	2	119
MOM-34	20	35	70	2000	3.1×10 <sup>-5</sup>	6000	0.7	2	159
MOM-38	22	55	110	2000	5.5×10 <sup>-5</sup>	7400	0.8	2	230
MOM-45	25	66	132	2000	1.2×10 <sup>-4</sup>	16000	1	2	364
MOM-55	30	99	198	2000	3.0×10 <sup>-4</sup>	30000	1.2	2	636
MOM-70	42	176	352	2000	8.9×10 <sup>-4</sup>	46000	1.4	2	1090

- \*1 : Values with no load fluctuation and rotation in a single direction. If there is large load fluctuation, or both normal and reverse rotation, select a size with some margin.
- \*2 : These are values with max. bore diameter.
- \*3 : The max. lateral misalignment varies depending on the load torque and revolution. → P.xxxx

### Comparison of rated torque



### Comparison of Static Torsional Stiffness



### Part number specification

**MOM-26-6.35-10**

1 2