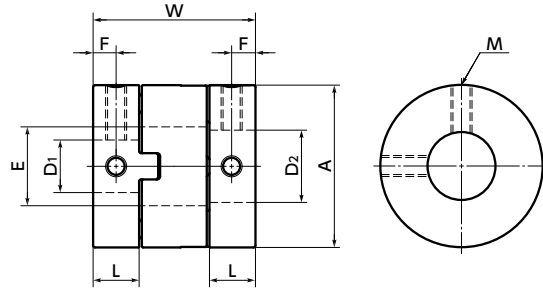


MOR Flexible coupling - Oldham - type - Set screw type

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[Electrical Insulation](#)
[High Allowable Misalignment](#)
[Small Eccentric Reaction Force](#)

MOR



Dimensions

Unit : mm

Part Number	A	L	W	E	F	M	Screw Tightening Torque (N·m)
MOR-6	6	2.5	8.4	2.1	1.3	M2	0.3
MOR-8	8	2.5	9.6	3.1	1.3	M2	0.3
MOR-10	10	2.9	10.2	4.1	1.4	M2	0.3
MOR-12	12	3.9	14.2	5.2	2	M3	0.7
MOR-15	15	4.4	16	8.2	2.2	M3	0.7
MOR-17	17	4.9	19.8	8.2	2.5	M3	0.7
MOR-20	20	5.8	21.4	12.2	2.9	M4	1.7
MOR-26	26	7.3	25.6	14.2	3.7	M4	1.7
MOR-30	30	10	32.5	16.2	5	M4	1.7
MOR-34	34	11.1	34	16.2	5.6	M5	4
MOR-38	38	12.1	40	20.3	6.1	M5	4
MOR-45	45	13.8	46	22.3	6.9	M6	7
MOR-55	55	18.7	57	26.5	9.4	M8	15
MOR-68	68	24	77	38.5	12	M10	30

Part Number	Standard Bore Diameter																							
	D ₁ · D ₂ (dimensional allowance H8)																							
	1	1.5	2	3	4	5	6	6.35	8	9.525	10	12	14	15	16	18	20	22	25	28	30	35	38	
MOR-6	●	●	●																					
MOR-8	●		●	●																				
MOR-10			●	●	●																			
MOR-12				●	●	●																		
MOR-15					●	●	●	●	●															
MOR-17					●	●	●	●	●	●														
MOR-20					●	●	●	●	●	●	●	●												
MOR-26						●	●	●	●	●	●	●	●											
MOR-30							●	●	●	●	●	●	●	●										
MOR-34								●	●	●	●	●	●	●	●									
MOR-38									●	●	●	●	●	●	●	●								
MOR-45										●	●	●	●	●	●	●	●							
MOR-55											●	●	●	●	●	●	●	●						
MOR-68												●	●	●	●	●	●	●	●	●	●	●	●	●

- All products are provided with hex socket set screw.
- In a case where the bore diameter is φ 4 or less, the set screw is used in only one place.
- Recommended dimensional allowances of applicable shaft diameter are h6 and h7.
- A set of hubs with set screw type for one side and clamping type or other type for the other side is available upon request.

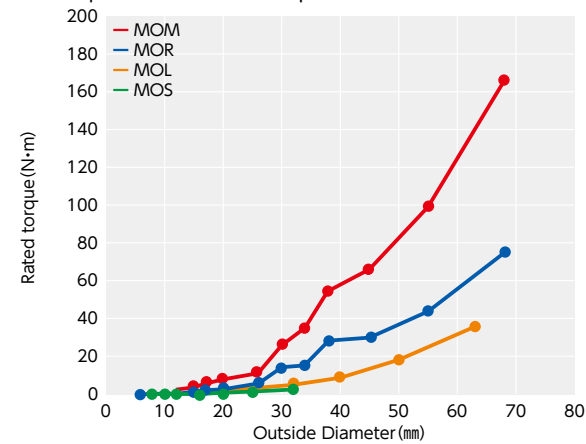
Performance

Part Number	Max. Bore Diameter (mm)	Rated*1 torque (N·m)	Max.*1 torque (N·m)	Max. Rotational Frequency (min ⁻¹)	Moment*2 of Inertia (kg·m ²)	Static Torsional Stiffness (N·m/rad)	Max. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Mass*2 (g)
MOR-6	2	0.2	0.4	100000	2.2×10 ⁻⁹	5	0.5	3	0.4
MOR-8	3	0.5	1	78000	7.4×10 ⁻⁹	12	0.7	3	0.8
MOR-10	4	0.8	1.6	63000	1.9×10 ⁻⁸	23	0.9	3	1
MOR-12	5	1	2	52000	5.3×10 ⁻⁸	60	1	3	3
MOR-15	8	1.6	3.2	42000	1.4×10 ⁻⁷	80	1	3	4
MOR-17	8	2.2	4.4	37000	2.8×10 ⁻⁷	120	1.2	3	7
MOR-20	12	3.2	6.4	31000	5.7×10 ⁻⁷	120	1.2	3	9
MOR-26	14	6	12	24000	2.1×10 ⁻⁶	300	1.5	3	20
MOR-30	16	15	30	21000	5.4×10 ⁻⁶	530	2	3	38
MOR-34	16	16	32	18000	9.1×10 ⁻⁶	1000	2.5	3	52
MOR-38	20	28	56	16000	1.6×10 ⁻⁵	1500	2.5	3	69
MOR-45	22	30	60	14000	3.3×10 ⁻⁵	2400	3	3	110
MOR-55	26	45	90	11000	1.0×10 ⁻⁴	4100	4	3	230
MOR-68	38	80	160	9000	3.7×10 ⁻⁴	6400	4.5	3	430

*1 Correction of rated torque and max. torque due to load fluctuation is not required. However, if ambient temperature exceeds 30°C, be sure to correct the rated torque and max. torque with temperature correction factor shown in the following table. The allowable operating temperature of MOR is -20°C to 80°C.

*2 These are values with max. bore diameter.

Comparison of rated torque



Ambient Temperature / Temperature Correction Factor

Ambient temperature	Temperature correction factor
-20°C to 30°C	1.00
30°C to 40°C	0.80
40°C to 60°C	0.70
60°C to 80°C	0.55

Part number specification

MOR-20-6-12 1 set

1
2

MOR - 20 - SPCR Single Spacer

Product Code Outside Diameter (A Dimension) Single Spacer

[Additional Keyway at Shaft Hole → P.788](#)
[Cleanroom Wash & Packaging → P.792](#)
[Change to Stainless Steel Screw → P.790](#)