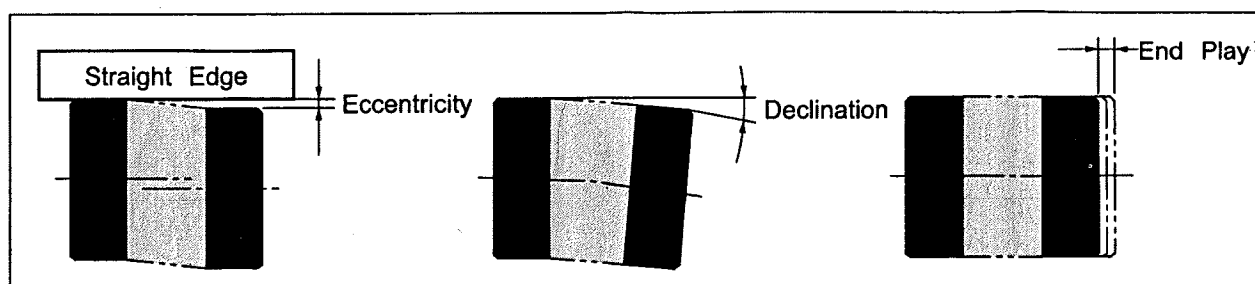


Thank you for purchasing ORIENTAL MOTOR products.
To ensure correct operation, please read this manual
carefully before using your coupling.

OPERATING MANUAL FLEXIBLE COUPLING

■ Alignment adjustment

Flexible couplings may produce vibration when the permissible value for misalignment is exceeded. This may dramatically shorten the coupling's service life as well. Alignment adjustment is required so that misalignment will be less than the permissible value shown in the table below.



● Misalignment of the permissible value

Model	MC12	MC16	MC20	MC25	MC32	MC40	MC50
Permissible Eccentricity [mm]	0.1	0.1	0.15	0.15	0.15	0.2	0.2
[inch]	0.0039	0.0039	0.0059	0.0059	0.0059	0.0079	0.0079
Permissible Declination [deg]	2						
Permissible End Play [mm]	± 0.4	± 0.4	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5
[inch]	±0.0157	±0.0157	±0.0197	±0.0197	±0.0197	±0.0197	±0.0197

To increase the service life of the coupling, we recommend keeping misalignment below 1/3 of the permissible value.

■ Precautions

- Misalignment exceeding the permissible value may shorten the coupling's service life. Also, it may cause damage to the motor shaft and shorten the bearing life etc.. Please make sure to adjust alignment so that misalignment is less than the permissible value.
- When the coupling emits a sound (metallic sound) during operation, stop operation immediately and ensure that there is no misalignment, axis interference, or loose screws.
- Put adhesive or the like around the clamping screws to prevent them from loosening. Fasten the clamping screws with at least the torque shown in the following table.

The Minimum Fastening Torque of Screw

Model	MC12	MC16	MC20	MC25	MC32	MC40	MC50
Fastening Torque [N·m]	0.2	0.3	0.5	1.0	2.0	5.0	10.0
[Oz·in]	27.78	41.67	69.45	138.9	277.8	694.5	1389.0

• Please contact your nearest Oriental Motor office for further information.

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