

MOC Flexible Couplings - Oldham Type



High torque



High Allowable Misalignment



Small Eccentric Reaction Force

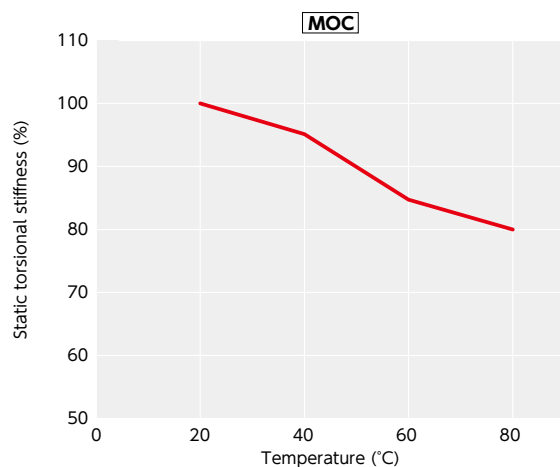
Technical Information

• Change in Static Torsional Stiffness Due to Temperature

This is a value under the condition where the static torsional stiffness at 20°C is 100%.

Changes in the static torsion spring constant within the operating temperature are shown in the graph.

Before using the unit, be aware of the deterioration of responsiveness.



• Slip Torque

For set screw type **MOC**, see Aluminum Alloy Coupling under "Slip Torque of Coupling - Set Screw Type" for details.

As in the table below, the clamping type **MOC-C** has different slip torque according to the bore diameter.

Take care during selection.

Unit : N·m

Part Number	Bore Diameter											
	3	4	5	6	8	10	12	14	15	16	18	20
MOC-12C	0.8	1.9	2.4									
MOC-17C		2.3	3.5	4.8								
MOC-23C			3.7	4.2	5.7							
MOC-28C				4	9.3							
MOC-33C					7.5	13	17	20				
MOC-41C						19	20	24	30	34	37	38

• These are test values based on the conditions of shaft dimensional allowance: h7, hardness: 34 - 40 HRC, and screw tightening torque of the values described in **MOC-C** dimension tables. They are not guaranteed values.

• Slip torque changes with usage conditions. Carry out tests under conditions similar to actual conditions in advance.