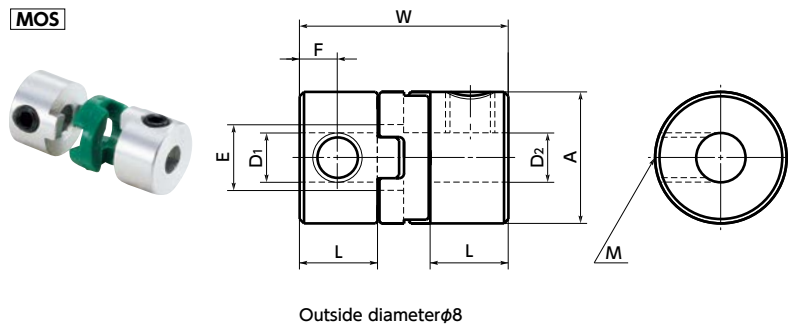


MOS/MOS-C Flexible coupling - Oldham - type - Set screw type/Clamping type

WEB Selection Tool CAD Download High Allowable Misalignment Small Eccentric Reaction Force

MOS



Dimensions

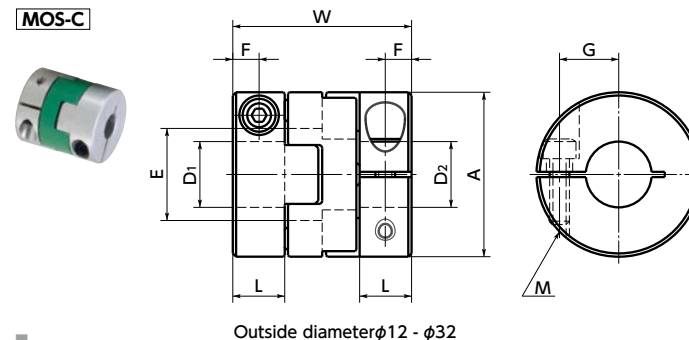
Unit : mm

Part Number	A	L	W	E	F	G	M	Screw Tightening Torque (N·m)
MOS-8	8	4.8	12.7	4	2.3		M3	0.7
MOS-12C	12	5	14.9	6	2.5	4	M2	0.5
MOS-16C	16	7	21	8	3.5	5	M2.5	1
MOS-20C	20	7	22.1	10	3.5	6.5	M2.5	1
MOS-25C	25	8	27.2	14	4	9	M3	1.5
MOS-32C	32	10	33.3	18	5	11	M4	2.5

Part Number	Standard Bore Diameter D1・D2													
	1	2	2.5	3	4	5	6	6.35	7	8	10	11	12	14
MOS-8	●	●	●	●										
MOS-12C				●	●	●								
MOS-16C				●	●	●	●							
MOS-20C						●	●	●	●	●				
MOS-25C							●	●	●	●	●			
MOS-32C								●		●	●	●	●	●

- All products are provided with hex socket set screw (**MOS-8**) or hex socket head cap screw (**MOS-C**)
- The dimensional allowance for bore diameter of **MOS-8** is H8.
- Recommended dimensional allowances of applicable shaft diameter are h6 and h7.
- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft. → P.258

MOS-C



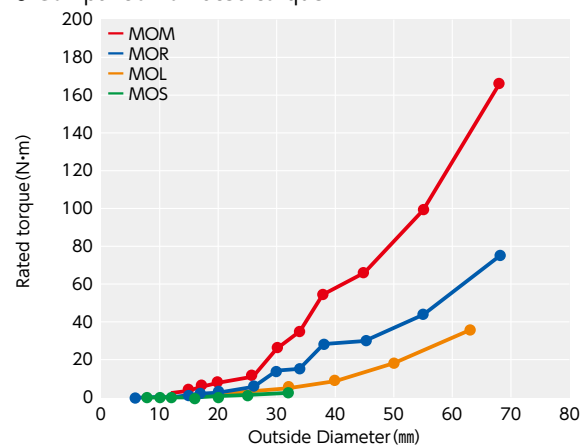
Performance

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)
MOS-8	3	0.08	0.16	78000	1.2×10^{-8}	2	0.5	2	2
MOS-12C	5	0.2	0.4	52000	7.1×10^{-8}	9	0.6	2	3
MOS-16C	6	0.4	0.8	39000	3.0×10^{-7}	30	1	2	8
MOS-20C	8	0.7	1.4	31000	7.4×10^{-7}	47	1.3	2	13
MOS-25C	10	1.2	2.4	25000	2.2×10^{-6}	85	1.5	2	24
MOS-32C	14	2.8	5.6	19000	7.3×10^{-6}	190	2	2	48

*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. 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 **MOS** **MOS-C** 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

MOS-20C-6.35-8 1 set

MOS - 40 - SPCR Single Spacer
Product Code Outside Diameter (A Dimension)

Additional Keyway at Shaft Hole → P.803 Available / Add'l charge
Cleanroom Wash & Packaging → P.807 Available / Add'l charge
Change to Stainless Steel Screw → P.805 Available / Add'l charge