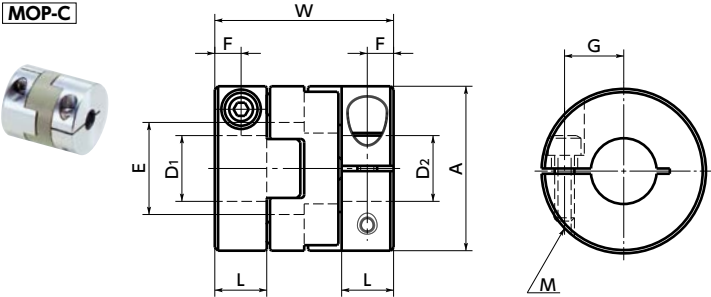


MOP-C Cleanroom / Vacuum / Heat Resistant Couplings - Oldham Type (PEEK) - Clamping Type

Cleanroom Electrical Insulation Heat-resistance Chemical-proof High Allowable Misalignment

MOP-C



Dimensions

Unit : mm

Part Number	A	L	W	E	F	G	M	Screw Tightening Torque (N・m)
MOP-20C	20	7	22.1	10	3.5	6.5	M2.5	1
MOP-25C	25	8	27.2	14	4	9	M3	1.5
MOP-32C	32	10	33.3	18	5	11	M4	2.5

Part Number	Standard Bore Diameter D1/D2						
	5	6	8	10	11	12	14
MOP-20C	●	●	●				
MOP-25C			●	●			
MOP-32C				●	●	●	●

- All products are provided with hex socket head cap screw.
- Recommended tolerance for shaft diameters is h6 and h7.
- For the shaft insertion amount to the coupling, see Mounting/maintenance.

⚠ Precautions for Use

- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft. ➡ P.xxxx
- There are sizes where the hex socket head bolt exceeds the outer diameter of the coupling and the rotating diameter is larger than the outer diameter. Please be careful of the interference of coupling. ➡ P.xxxx

Performance

Part Number	Max. Bore Diameter (mm)	Rated Torque *1 (N・m)	Maximum Torque *1 (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)
MOP-20C	8	0.7	1.4	31000	7.4×10 ⁻⁷	93	1.3	2	13
MOP-25C	10	1.2	2.4	25000	2.2×10 ⁻⁶	140	1.5	2	24
MOP-32C	14	2.8	5.6	19000	7.3×10 ⁻⁶	350	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.
*2 : These are values with max. bore diameter.

- Part number specification

MOP-25C - 8-8 1 Set

MOP-25 - SPCR Single Spacer

Product Part Number	Outside Diameter (Dimension A)	Single Spacer
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Additional Keyway at Shaft Hole ➡ P.xxxx Cleanroom Wash & Packaging ➡ P.xxxx Change to Stainless Steel Screw ➡ P.xxxx
Please feel free to contact us Cleanroom washed and packed Changed to the S.S. screw