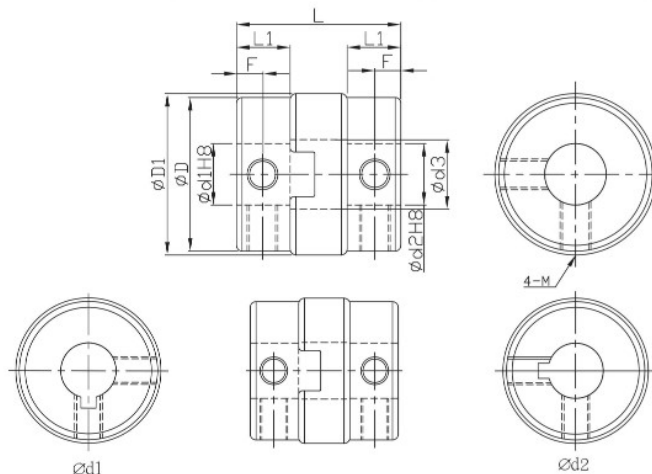


FSMP



- Operating temperature : -40°C~90°C
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.
- Available options for key way per inner diameter is bigger than 6mm. (Refer to page 38)



*When $\text{Ød1} < 4$ and $\text{Ød2} > 5$, there would be 3 set screws.
*When Ød1 and Ød2 both smaller than 4, there would be 2 set screws.

FSMGLK (key way Ød1 side)
FSMGRK (key way Ød2 side)
FSMGWK (key way Ød1 and Ød2 side)

Component	Material	Accessories
Main frame	SUS304 Alloy	Set screw
Spacer	Carbon resin	

Dimensions		Ød1&Ød2 selection *Ød1 ≤ Ød2																			ØD	ØD1	Ød3	L	L1	F	Set screw		
Model no.	ØD	1	1.5	2	3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	20							M	Lock torque (N·m)	
FSMP	6	●	●	●																		6	6.2	2.4	8.4	3	1.5	1.6	0.15
	8	●		●	●																	8	8.2	3.4	9.6	3.5	1.7		
	10			●	●	●																10	10.2	4.4	10.2	3.7	1.8	2	0.3
	12				●	●	●															12	12.5	4.0	14.2	5.2	2.5	3	0.7
	15					●	●	●	●	●	●											14.5	15	5.0	16	5.4	2.6		
	17						●	●	●	●	●											16.8	17.5	7.2	19.8	6.7	3.2	4	1.7
	20							●	●	●	●	●	●	●	●	●						20	21	8.2	21.4	7	3.4		
	26							●	●	●	●	●	●	●	●	●	●					26	27	12.0	25.6	9	4		
	30										●		●		●	●	●					30	31	13.0	33	12	6		
	34													●	●	●	●	●	●			34	35	13.0	34.2	13	5.5	5	4.0
38													●		●	●	●	●	●	●	38	41	17.0	40	15	7			

★ Moment of inertial torque and weight calculated by maximum diameter.

Specification		Allowable wrench torque (N·m)	Allowable misalignment			Static torsional stiffness (N·m/rad)	Max. RPM (r/min ⁻¹)	★ Moment of inertia (kg·m ²)	★ Weight (g)
Model no.	ØD		Angular (°)	Parallel (mm)	Axial (mm)				
FSMP	6	0.3	3	0.3	±0.25	9	12000	1.5*10 ⁻⁸	1.5
	8	0.5		0.4	±0.3	13		2.2*10 ⁻⁸	2.5
	10	0.8		0.4	±0.32	21		3.6*10 ⁻⁸	4
	12	1		0.5	±0.35	44		1.6*10 ⁻⁷	8
	15	1.6		0.8	±0.45	90	10000	3.5*10 ⁻⁷	11
	17	2.2		1	±0.55	250		7.8*10 ⁻⁷	18
	20	3.2		1.5	±0.6	340		8000	1.7*10 ⁻⁶
	26	6		2		420	6500	6.2*10 ⁻⁶	65
	30	15				1200	6200	2*10 ⁻⁵	100
	34	16		2.5		2400	6000	2.5*10 ⁻⁵	155
	38	28				3500	5800	8*10 ⁻⁵	240

Ordering Example: FSMP26 - 8 - 10 - 100 PCS
Model no. Ød1 Ød2 Q'ty