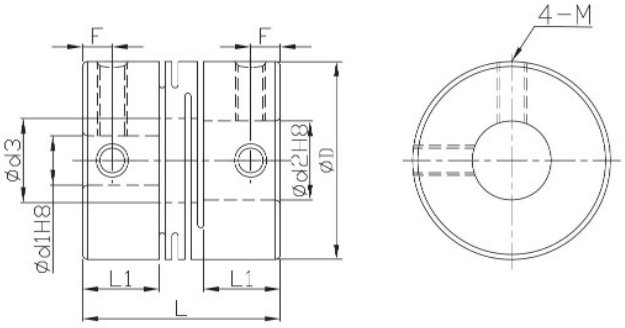
FAMMS

- Zero backlash.
- The flexure allowed by the beam portion of the couping is capable of accommodating angular, and axial misalignment.
- No accommodating to parallel misalignment.
- High wrench torque rigidity and sensitivity.
- Rotation character of clockwise or anti-clockwise are exactly the same.
- Free maintenance, oil-resist and anti-corrosiveness.
- FAMMS can't allow axial deviation caused by offset
- 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.



*Ød3=Ød2+0.5

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

Material	Surface finish	Accessories
Aluminum Alloy	Anodized	Set screw

Dimensions		Ød1	Ød2										L	L1	M Rough thread	F
Model no.	ØD		2	3	4	5	6	7	8	10	12	14				
FAMMS	8	2	●										10	3.4	2	1.7
		3		●												
	12	4			●	●							14	5.2	2.5	2.5
		5				●										
	16	5				●	●						18	6.8	3	3
		6					●									
	20	5					●	●	●				20	7.65		
		6					●	●	●							
		8							●							
	25	5					●						25	9.6	4	4
		6					●		●	●						
		6.35							●	●						
		8							●	●						
		10								●						
	32	8							●	●			32	12.6		6
		10								●	●					
		12									●	●				

★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 ($kg \cdot m^2$)	Screw fixing torque (N·m)	★ Weight (g)
Model no.	ØD		Angular (°)	Axial (mm)					
FAMMS	8	0.1	1	±0.1	24	48000	$1.0*10^{-8}$	0.3	1
	12	0.4			80	32000	$7.0*10^{-8}$	0.5	3.1
	16	0.5		±0.2	180	24000	$2.8*10^{-7}$	0.7	7.4
	20	1			200	19000	$7.5*10^{-7}$		12
	25	2			780	15000	$2.3*10^{-6}$	1.7	24
	32	4			1100	12000	$8.0*10^{-6}$		50

Ordering Example: FAMMS25 (Model no.) - 8 (Ød1) * 10 (Ød2) - 100 PCS (Q'ty)