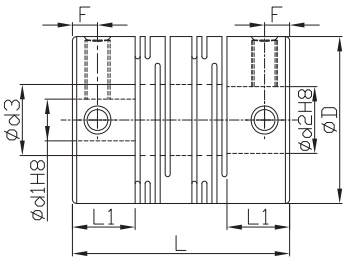
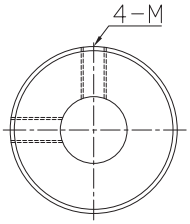
FAMML

- Zero backlash.
- The flexure allowed by the beam portion of the couping is capable of accommodating parallel, angular, and axial 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.
- 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	6.35	7	8	9.525	10	11	12	14	15	16	18				
FAMML	8	2	●	●															14	3.5	2	1.7
		3		●																		
	12	3		●	●														18.5	5	2.5	2.5
		4			●	●																
		5				●	●															
	16	4			●	●	●												23	6.5	3	3
		5				●	●		●	●												
		6					●	●	●	●												
		6.35								●												
	20	5				●	●		●	●									26	7.5		
		6					●	●	●	●		●										
		6.35								●												
		8								●	●	●										
		9.525										●										
		10										●										
	25	5					●												31	8.5	4	4
		6					●	●		●		●										
		6.35								●		●										
		8								●	●	●		●								
		9.525										●										
		10										●	●	●								
		12												●								
	32	6								●									41	12		6
		6.35								●												
		8								●	●	●		●								
		9.525										●		●								
		10										●	●	●	●							
		12												●	●							
		14													●		●					
	40	8									●								56	17	5	8.5
		9.525										●		●								
		10										●										
		12												●								
		14													●		●	●				
		15														●						
		16															●	●				
		18																●				

★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 (°)	Parallel (mm)	Axial (mm)					
FAMML	8	0.1	2	0.10	±0.2	25	48000	$1.2*10^{-8}$	0.3	1.4
	12	0.4			±0.3	45	32000	$8.3*10^{-8}$	0.5	3.7
	16	0.5			±0.4	80	24000	$3.3*10^{-7}$	0.7	8.1
	20	1				170	19000	$9.0*10^{-7}$		14
	25	2		0.15	±0.5	380	15000	$2.6*10^{-6}$	1.7	27
	32	4				500	12000	$9.6*10^{-6}$		60
	40	8		0.20		600	9600	$3.2*10^{-5}$	4	130

Ordering Example:	FAMML25	-	10	*	12	-	100 PCS
	Model no.		Ød1		Ød2		Q'ty