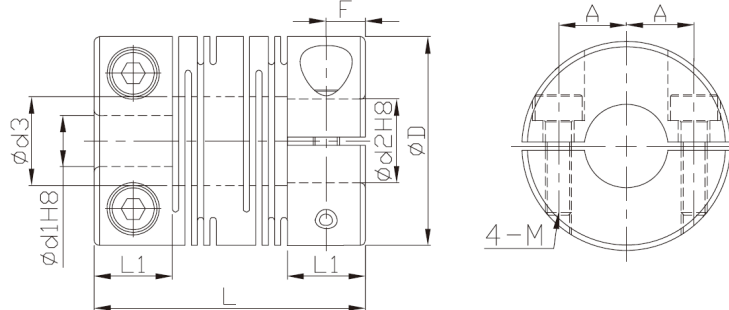


FACML



- The flexure allowed by the beam portion of the coupling is capable of accommodating angular, parallel, 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.



$$*\phi d3 = \phi d2 + 0.5$$

Material	Surface Finish	Accessories
Super Duralumin	Anodized	Hexagon Socket Screw

Dimensions		$\phi d1$	$\phi d2$													L	L1	M Rough thread	A	F
Model No.	ϕD		4	5	6	6.35	7	8	9.525	10	11	12	14	15	16					
FACML	12	4	*	*												18.5	5	2	4	2.5
		5		*																
	16	5		*	*											23	6.5		5	3.25
		6			*															
	20	5			*	*	*	*								26	7.5	2.5		
		6			*	*	*	*											6.5	3.75
		6.35						*												
		8						*												
	25	5			*					*						31	8.5	3		
		6			*	*		*		*										
		6.35						*		*										
		8						*	*	*									9	4.25
		9.525								*										
	32	8						*	*	*		*				41	12	4		
		9.525								*		*							11	6
		10								*	*	*	*							
		12									*	*	*	*						
	40	8						*		*						56	17	5		
		10								*									14	8.5
		12								*		*	*							
		14									*	*	*	*						
		15										*	*	*	*					
		16											*	*	*					

★ 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)	Screw Fixing Torque (N·m)	★ Weight (g)
Model No.	ϕD		Angular (°)	Parallel (mm)	Axial (mm)					
FACML	12	0.4	2	0.10	±0.3	45	12000	7.8*10 ⁻⁸	0.5	3.6
	16	0.5			±0.4	80	9500	3.4*10 ⁻⁷	1	9.2
	20	1				170	7600	9.1*10 ⁻⁷		16
	25	2		0.15	±0.5	380	6100	2.6*10 ⁻⁶	1.5	28
	32	4				500	4800	9.7*10 ⁻⁶	2.5	64
	40	8		0.20		600	3800	3.3*10 ⁻⁵	4	140

Ordering Example: FACML32 - 10 - 12 - 100 PCS
Model no. $\phi d1$ $\phi d2$ Q'ty