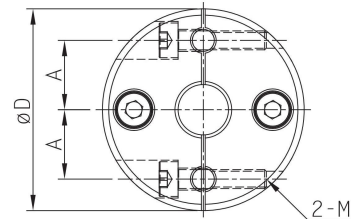
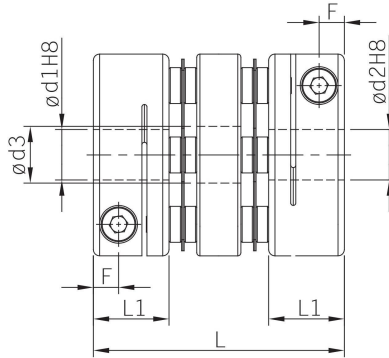


## FACHL



- High wrench torque load, high wrench torque rigidity capacity and excellent sensibility.
- Zero backlash.
- The flexure allowed by the stainless steel disks portion of the coupling is capable of accommodating angular, parallel, and axial misalignment.
- Clockwise character is exactly the same as anti-clockwise one.
- 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.



Component	Material	Surface finish	Accessories
Main frame	Aluminum Alloy	Anodized	Clamping screw
Disk	SUS301	—	

Dimensions		$\phi d1 \& \phi d2$ selection * $\phi d1 \leq \phi d2$																				L	L1	d3	A	F	Clamping screw	
Model no.	$\phi D$	4	4.5	5	6	6.35	7	8	9.525	10	11	12	14	15	16	17	18	19	20	22	24	25	M	Lock torque (N·m)				
FACHL	19	●	●	●	●	●	●																	2	0.5			
	25				●	●	●	●	●	●	●													2.5	1			
	32							●	●	●	●	●	●											3	1.5			
	40							●	●	●	●	●	●	●	●	●	●	●	●					4	2.5			
	50												●	●	●	●	●	●	●	●	●	●	●	5	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 <sup>-1</sup> )	★ Moment of inertia (kg·m <sup>2</sup> )	★ Weight (g)
Model no.	$\phi D$		Angular (°)	Parallel (mm)	Axial (mm)				
FACHL	19	0.7	1.5	0.12	$\pm 0.5$	200	10000	$8.7 \cdot 10^{-7}$	18
	25	1				450	8000	$2.7 \cdot 10^{-6}$	25
	32	2.5		0.15		1100	6000	$9.6 \cdot 10^{-6}$	60
	40	3.5				1400	5000	$1.9 \cdot 10^{-5}$	100
	50	9				2200	4000	$8.1 \cdot 10^{-5}$	210

Ordering Example: FACHL40 - 10 - 12 - 100 PCS  
 Model no.  $\phi d1$  \*  $\phi d2$  - Q'ty