

Stainless Steel Clamp Coupling ▶ Double Diaphragm



Please order according to the diagram

①~④ Select the type and parameters in the order of for ordering. ■ Optional Processing

Model (①Code ②D) — ③d — ④c — (Dd Dc)
FAUTJ19 — d5 — c6 — Dd



● Discounted Price
 Quantity 1~9 10~
 Price 100% Separate Quotation
 Price Excluding Tax (¥/unit)

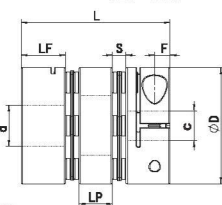


CAD 2D 3D

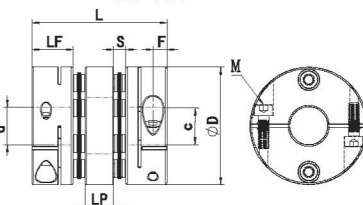
Features

- Membrane made of 304 stainless steel.
- High torque rigidity, accurate control of shaft rotation, suitable for high-precision control.
- Specifically designed for servo and stepper motors.
- Zero-clearance connection between shaft and shaft sleeve, suitable for both forward and reverse rotation.
- Shaft sleeve made of stainless steel, high precision, high torque.
- Secured with clamp screws.

Outer Diameter $\Phi 19 \sim \Phi 44$



Outer Diameter $\Phi 50 \sim \Phi 82$



Code	Type	Material Main Body/Diaphragm	Surface Treatment	Accessories
FAUTJ	Screw Clamp Type	Double Diaphragm Stainless Steel/Stainless Steel	Black Oxide Finish	Hex Socket Head Cap Screw

◆ It is recommended to use H7 tolerance for shaft diameter and inner bore tolerance.

Model		L	Common Shaft Bore Sizes ③d/④c (Please specify the shaft bore diameter within the range of dsc with a tolerance of H7)	LF	LP	S	F	Fastening Bolt	
① Code	② ΦD							M	Tightening Torque (N.m)
FAUTJ	19	27	3-4 5-6-6.35-7-8	9.1	5.2	1.8	3.3	M2.5	1
	26	35	4-5-6-6.35-7-8-9-9.525-10-11-12-12.7	11.35	7.1	2.6	3.9	M3	1.5
	34	45	6-6.35-7-8-9-9.525-10-11-12-12.7-14-15	14.25	9.5	3.5	4.2	M4	3.5
	39	50	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19	14.9	11.2	4.5	4.9	M4	3.5
	44	50	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19-20-22	14.9	11.2	4.5	5.2	M4	3.5
	50	57	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19-20-22-25	18.1	11.2	4.8	5.8	M5	8
	56	64	12-12.7-14 15-16-17-18-19-20-22-24-25-28-30-32	19.75	13.5	5.3	6.8	M5	8
	68	75	15-16-17-18-19-20-22-24-25- 28-30-32	23.35	15.7	6.3	7.7	M6	13
	82	98	16-17-18-19- 20-22-24-25-28-30-32-35-38-40	30	22	8.0	9.3	M8	28

● Note: For any other size requirements, please contact customer service, sales representatives, or other relevant technical personnel for detailed parameters.

Technical Specification Table

Model		L	Rated Torque (N.m)	Allowable Eccentricity (mm)	Allowable Angular Misalignment ($^{\circ}$)	Allowable Axial Deviation (mm)	Allowable Rotational Speed (RPM)	Static Torsional Rigidity (N.m/rad)	Moment Inertia ($\text{kg} \cdot \text{m}^2$)	Weight (g)
① Code	② ΦD									
FAUTJ	19	27	1.8	0.10	0.5	± 0.07	5000	790	1.6×10^{-6}	62
	26	35	2.2	0.12	0.5	± 0.07	5000	2050	4.5×10^{-6}	95
	34	45	4.5	0.14	0.5	± 0.9	5000	4535	1.65×10^{-5}	192
	39	50	9	0.18	0.5	± 0.11	5000	10000	4.5×10^{-6}	295
	44	50	13	0.18	0.5	± 0.13	5000	11200	5.7×10^{-5}	360
	50	57	24	0.20	0.5	± 0.16	4700	17900	7.2×10^{-5}	550
	56	64	37	0.22	0.5	± 0.18	4700	28000	2.1×10^{-5}	795
	68	75	90	0.25	0.5	± 0.20	4500	39000	2.4×10^{-5}	1230
	82	98	150	0.45	0.5	± 0.25	4000	75000	3.0×10^{-4}	2532

● Note: The above moment of inertia and technical parameters are measured based on the maximum bore size. The maximum rated torque is associated with the durability of the coupling itself. The larger the outer diameter, the greater the force it can bear, and the smaller the outer diameter, the higher the allowable rotational speed.

Optional Processing	Optional Processing Code	Variable d/c Bore Size ch () dh ()		Keyway Machining on d-Bore Side Dd		Keyway Machining on c-Bore Side Dc	
Optional Processing		Selection Method dh3.1 ch4.5 Minimum Unit 0.1 dh must $\leq$ ch Change d(c) to dh(ch) in the selection.		 Selection Method Dd Not for use with optional processing of dh and ch.		 Selection Method Dc Not for use with optional processing of dh and ch.	

① Keyway machining can be selected when the bore size is ≥ 8 .

② See the following for keyway machining and changes to bore size P236.