

Aluminum Alloy Star-shaped Clamping Coupling



Please order according to the diagram

①-② Select the type and parameters in the order of for ordering.

Optional Processing

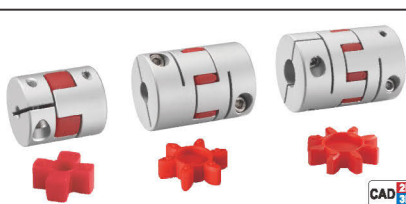
Model (①Code ②D) - d - c - Dd Dc
FELJ14 - **d4** - **c6** - **Dd**



Discounted Price

Quantity 1-9 10-
 Price 100% Separate Quotation

Price Excluding Tax (Yuan)



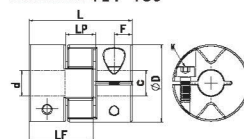
Features

- Main body constructed from high-strength aluminum alloy
- Zero backlash, suitable for both forward and reverse rotation
- C-based elastomeric material with excellent wear resistance
- Oil-resistant, electrically insulating, and vibration-absorbing central elastomer
- Compensates for radial, angular, and axial misalignments
- Detachable design for easy installation
- Fastening method with clamping screws

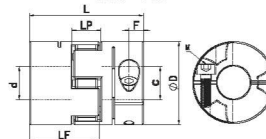
Code	Type	Material Main Body/Spacer Ring	Surface Treatment	Accessories
FELJ	Screw Clamp Type	Aluminum Alloy/Polyurethane	Anodic Oxidation	Hex Socket Head Cap Screw

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

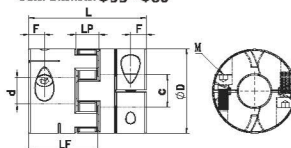
Outer Diameter $\Phi 14 \sim \Phi 30$



Outer Diameter $\Phi 35 \sim \Phi 40$



Outer Diameter $\Phi 55 \sim \Phi 80$



Model ① Code ② ΦD	L	Common Shaft Bore Sizes $\Phi d/\Phi c$ (Please specify the shaft bore diameter within the range of dsc with a tolerance of H7)	LF	LP	F	Fastening Bolt M Tightening Torque(N.m)
14	22	3-4-5-6-6.35-7-8	13.7	6.6	3.8	M2.5 1
20	25	3-4-5-6-6.35-7-8-9-9.525-10	16.6	8.6	4	M3 1.5
20A	30	3-4-5-6-6.35-7-8-9-9.525-10	19.1	8.6	5.3	M4 3.5
25	30	4-5-6-6.35-7-8-9-9.525-10-11-12-12.7-14	20.5	11.6	5.6	M4 3.5
25A	34	4-5-6-6.35-7-8-9-9.525-10-11-12-12.7-14	22.5	11.6	5.6	M4 3.5
30	35	5-6-6.35-7-8-9-9.525-10-11-12-12.7-14-15-16	22.5	10.9	5.75	M4 3.5
30A	40	5-6-6.35-7-8-9-9.525-10-11-12-12.7-14-15-16	25	10.9	7	M4 3.5
35	32	5-6-6.35-7-8-9-9.525-10-11-12-12.7-14-15-16-17-18-19	21	11.3	5.2	M5 8
35A	50	5-6-6.35-7-8-9-9.525-10-11-12-12.7-14-15-16-17-18-19	30	11.5	10	M5 8
40	50	6-8-9-10-11-12-12.7-13-14-15-16-17-18-19-20-22-24	31.1	13.7	9	M5 8
40A	55	6-8-9-10-11-12-12.7-13-14-15-16-17-18-19-20-22-24	33.6	13.7	7	M5 8
40B	66	6-8-9-10-11-12-12.7-13-14-15-16-17-18-19-20-22-24	39.1	13.7	8	M5 8
45	55	8-9.525-10-11-12-12.7-14-15-16-17-18-19-20-22-24-25	33.9	14.3	6.5	M5 8
50	55	8-9.525-10-11-12-12.7-14-15-16-17-18-19-20-22-24-25	33.6	14	8	M6 13
55	49	12-12.7-14-15-16-17-18-19-20-22-24-25-28-30-32	31.7	16.1	8.5	M6 13
55A	78	12-12.7-14-15-16-17-18-19-20-22-24-25-28-30-32	46.2	16.1	15.5	M6 13
65	90	14-15-16-17-18-19-20-22-24-25-28-30-32-35-38-40	52.9	16.7	11	M8 28
80	114	14-15-16-17-18-19-20-22-24-25-28-30-32-35-38-40-42-45	67	22.5	15.5	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 ① Code ② ΦD	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 (kg.m ²)	Weight (g)
14	22	1.1	0.02	1	± 0.60	19000	46	2.0×10^{-7}	10
20	25	2.8	0.02	1	± 0.60	17000	55	1.0×10^{-6}	15
20A	30	2.8	0.02	1	± 0.60	17000	55	1.1×10^{-6}	19
25	30	6	0.02	1	± 0.60	16000	65	5.2×10^{-6}	33
25A	34	6	0.02	1	± 0.60	16000	65	5.2×10^{-6}	42
30	35	6.5	0.02	1	± 0.60	12000	72	6.2×10^{-6}	50
30A	40	6.5	0.02	1	± 0.60	12000	72	6.2×10^{-6}	60
35	32	15	0.02	1	± 0.60	10000	200	8.1×10^{-6}	45
35A	50	15	0.02	1	± 0.60	10000	200	8.1×10^{-6}	45
40	50	32	0.02	1	± 0.80	10000	450	3.8×10^{-5}	115
40A	55	32	0.02	1	± 0.80	10000	500	3.8×10^{-5}	127
40B	66	35	0.02	1	± 0.80	10000	550	3.9×10^{-5}	154
45	55	35	0.02	1	± 0.80	10000	500	3.8×10^{-3}	115
50	55	40	0.02	1	± 0.80	8000	1000	2.0×10^{-3}	132
55	49	46	0.02	1	± 0.80	8000	1200	1.6×10^{-3}	241
55A	78	46	0.02	1	± 0.80	8000	1500	1.6×10^{-3}	341
65	90	109	0.02	1	± 0.80	6000	2800	3.8×10^{-3}	583
80	114	135	0.02	1	± 1.00	4600	3500	1.8×10^{-3}	1000

• 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.

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