

45# 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 (① Code ② D) - ③ d - ④ c - (Dd) Dc
FACTJ34 - **d6** - **c6** - **Dd**



Discounted Price

Quantity 1-9 10-
 Price 100% Separate Quotation

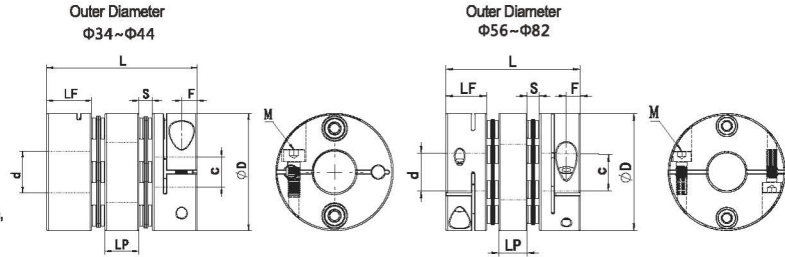
Price Excluding Tax (¥)



CAD 2D 3D

Features

- Membrane made of 304 stainless steel.
- High torque rigidity, Accurate control of shaft rotation, suitable for high-precision control.
- Specially designed for servo and stepper motors.
- High torque rigidity and large torque transmission.
- Zero-clearance connection between shaft and shaft sleeve, suitable for both forward and reverse rotation.
- Shaft sleeve made of 45# steel.
- Secured with clamp screws.



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

Model ① Code ② ΦD	L	Common Shaft Bore Sizes ③ d/④ c (Please specify the shaft bore diameter within the range of d_c with a tolerance of H7)						Fastening Bolt		
		LF	LP	S	F	M	Tightening Torque (N.m)			
FACTJ	34	45	6-6.35-7-8-9-9.525-10-11-12-12.7-14-15						M4	3.5
	39	50	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19						M4	3.5
	44	50	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19-20-22						M4	3.5
	56	64	12-12.7-14-15-16-17-18-19-20-22-24-25-28-30						M5	8
	68	75	15-16-17-18-19-20-22-24-25-28-30-32-35						M6	13
	82	98	16-17-18-19-20-22-24-25-28-30-38-40-45						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 (°)	Allowable Axial Deviation (mm)	Allowable Rotational Speed (RPM)	Static Torsional Rigidity (N.m/rad)	Moment Inertia (kg.m ²)	Weight (g)	
										FACTJ
	39	50	9	0.18	0.5	±0.11	5000	10000	4.5 × 10 ⁻⁵	295
	44	50	13	0.18	0.5	±0.13	5000	11200	5.7 × 10 ⁻⁵	360
	56	64	37	0.22	0.5	±0.18	4700	28000	2.1 × 10 ⁻⁴	795
	68	75	90	0.25	0.5	±0.20	4500	39000	2.4 × 10 ⁻⁴	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	Variable d/c Bore Size		Keyway Machining on d-Bore Side		Keyway Machining on c-Bore Side															
	Code	ch () dh ()	Dd	Dc	Dd	Dc														
Optional Processing		<p>Selection Method dh3.1 ch4.5 □ Minimum Unit 0.1 □ dh must ≤ ch □ Change d(c) to dh(ch) in the selection.</p> <table border="1"> <tr><th>D</th><th>dh-ch</th></tr> <tr><td>34</td><td>6-15</td></tr> <tr><td>39</td><td>8-19</td></tr> <tr><td>44</td><td>8-22</td></tr> <tr><td>56</td><td>12-32</td></tr> <tr><td>68</td><td>15-35</td></tr> <tr><td>82</td><td>16-40</td></tr> </table>	D	dh-ch	34	6-15	39	8-19	44	8-22	56	12-32	68	15-35	82	16-40	<p>Selection Method Dd □ Not for use with optional processing of dh and ch.</p>	<p>Selection Method Dc □ Not for use with optional processing of dh and ch.</p>		
D	dh-ch																			
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39	8-19																			
44	8-22																			
56	12-32																			
68	15-35																			
82	16-40																			

□ Keyway machining can be selected when the bore size is ≥6.

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