

45# Steel Clamp Coupling ▶ Single Diaphragm



Please order according to the diagram

①-③ Select the type and parameters in the order of for ordering. ■ Optional Processing

Model (①Code ②D) - ③d - ④c - (Dd) Dc

FACSJ34 - d6 - c6 - Dd

Quantity	Discounted Price	
	1~9	10~
Price	100%	Separate Quotation

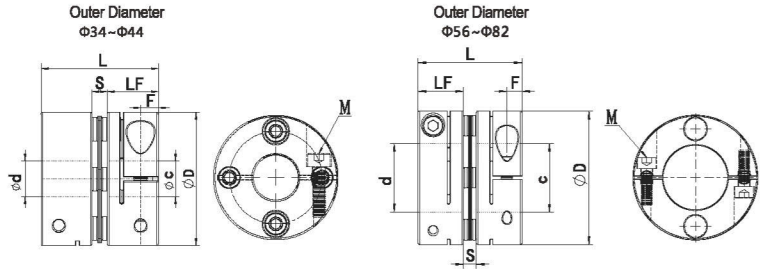
Price Excluding Tax (Yuan)



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.



Code	Type	Material		Surface Treatment	Accessories
		Main Body/Diaphragm			
FACSJ	Screw Clamp Type Single Diaphragm	45#	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 ① Code ② ΦD	L	Common Shaft Bore Sizes ③d/④c (Please specify the shaft bore diameter within the range of d/c with a tolerance of H7)	LF	S	F	Fastening Bolt		
						M	Tightening Torque (N.m)	
FACSJ	34	32	6-6.35-7-8-9-9.525-10-11-12-12.7-14-15	14.25	3.5	4.2	M4	3.5
	39	34.5	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19	14.9	4.5	4.9	M4	3.5
	44	34.5	8-9-9.525-10-11-12-12.7-14-15-16-17-18-19-20-22	14.9	4.5	5.2	M4	3.5
	56	45	12-14-15-16-17-18-19-20-22-24-25-28-30-32	19.75	5.3	6.8	M5	8
	68	53	15-16-17-18-19-20-22-24-25-28-30-32-35	23.35	6.3	7.7	M6	13
	82	68	16-17-18-19-20-22-24-25-28-30-32-35-38-40	30	8	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 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)	
										FACSJ
	39	34.5	9	0.1	0.5	±0.11	5000	20000	3.3×10 ⁻⁵	202
	44	34.5	13	0.1	0.5	±0.13	5000	22400	4.2×10 ⁻⁴	247
	56	45	37	0.1	0.5	±0.18	4700	56000	1.8×10 ⁻⁴	542
	68	53	90	0.1	0.5	±0.20	4500	78000	2.25×10 ⁻⁴	870
	82	68	150	0.1	0.5	±0.25	4000	168000	2.7×10 ⁻⁴	1722

• 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		Keyway Machining on d-Bore Side		Keyway Machining on c-Bore Side												
		ch () dh ()		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"> <thead> <tr> <th>D</th> <th>dh-ch</th> </tr> </thead> <tbody> <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> </tbody> </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															
34	6-15																	
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.