# Stainless Steel Rigid Threaded Pin Coupling

Please order according to the diagram

❶~❹ Select the type and parameters in the order of for ordering.

| Model (❶Code ❷D) | – | ❸d | – | ❹c | – | Dd Dc |
|---|---|---|---|---|---|---|
| FKLL16 | – | d4 | – | c6 | – | Dd |

Optional Processing

Discounted Price

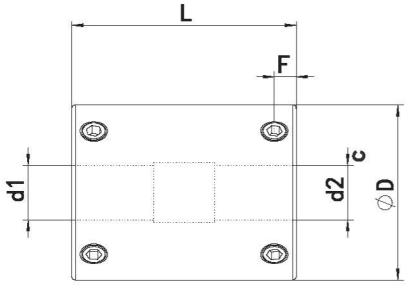
| Quantity | 1~9 | 10~ |
|---|---|---|
| Price | 100% | Separate Quotation |

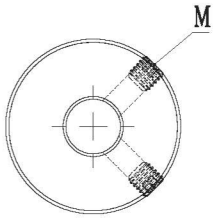
Price Excluding Tax (Yuan)

CAD 2D 3D

| Code | Type | Material Main Body | Accessories |
|---|---|---|---|
| FKLL | Screw Clamp Type | Stainless Steel | Hex Socket Head Cap Screw |

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




Features

- Integrated structure, entirely made of SUS304 stainless steel material.
- High torque and rigidity.
- Rigid type basically does not allow eccentricity; full eccentric adjustment is necessary during use.
- Secured with clamp screws.

| Model ❶ Code | Model ❷ΦD | L | Common Shaft Bore Sizes ❸d/❹c (Please specify the shaft bore diameter within the range of d≤c with a tolerance of H7) | F | Fastening Bolt M | Fastening Bolt Tightening Torque(n.m) |
|---|---|---|---|---|---|---|
| FKLL | 16 | 24 | 3-4-5-6-6.35-7-8 | 6 | M3 | 0.7 |
| | 20 | 30 | 4-5-6-6.35-7-8-9-9.525-10 | 7 | M4 | 1.7 |
| | 25 | 36 | 5-6-6.35-7-8-9-9.525-10-12 | 9 | M4 | 1.7 |
| | 32 | 41 | 6-6.35-7-8-9-9.525-10-12-12.7-14-15-16 | 10 | M5 | 4 |

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

**Technical Specification Table**

| Model ❶ Code | Model ❷ΦD | L | Rated Torque (N.m) | Allowable Eccentricity (mm) | Allowable Angular Misalignment (∠°) | Allowable Axial Deviation (mm) | Allowable Rotational Speed (RPM) | Moment Inertia ($kg.m^2$) | Weight (g) |
|---|---|---|---|---|---|---|---|---|---|
| FKLL | 16 | 24 | 10 | - | - | - | 23000 | $8.0\times10^{-7}$ | 30 |
| | 20 | 30 | 20 | - | - | - | 18000 | $2.2\times10^{-6}$ | 57 |
| | 25 | 36 | 24 | - | - | - | 14000 | $7.1\times10^{-6}$ | 114 |
| | 32 | 41 | 30 | - | - | - | 11000 | $2.4\times10^{-5}$ | 210 |

• 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 | Keyway Machining on d-Bore Side: Dd | Keyway Machining on c-Bore Side: Dc |
|---|---|---|
| Optional Processing |  |  |
| | Selection Method Dd | Selection Method Dc |
| | ❶ Not for use with optional processing of dh and ch. | ❶ Not for use with optional processing of dh and ch. |

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

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