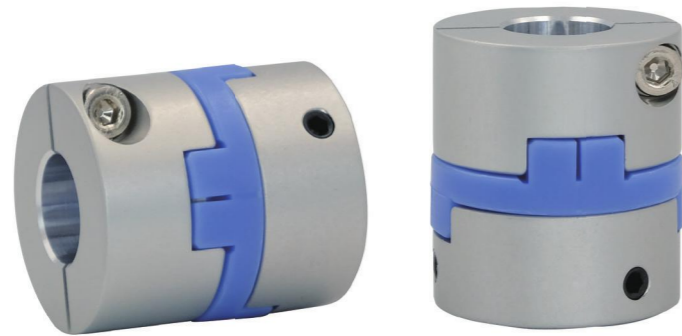


OC-CS Type

Oldham Couplings

Clamping Screw & Set Screw Hybrid Type

The OC-CS Type is designed for easy installation, featuring a clamping screw on one side and a set screw on the other. The hubs are made from high-strength aluminum (AL7075-T6), while the spacer is crafted from polyacetal. The surface is anodized, which provides excellent corrosion resistance.



Ordering Instructions

- Please specify the series, outer diameter, and bore size when placing your order.
- If keyway machining (on the bore) is required, ensure to indicate this separately.
- For assistance in selecting the right couplings, please contact our customer service center.

OC
series

32
Specifications
(Outer diameter)

CS
Type
(Fastening method)

- 10 -
Bore diameter
(d1)

15
Bore diameter
(d2)

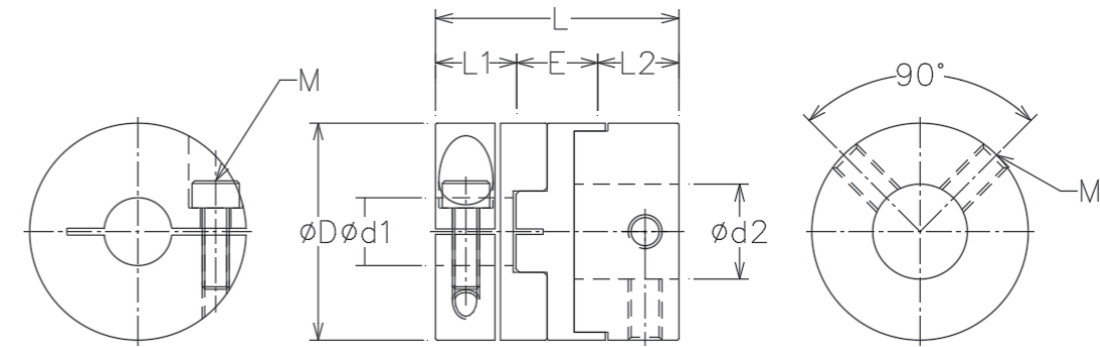
LK3 - RK5
Keyway
(Side d1) Keyway
(Side d2)
For keyway machining

Standard Bore Diameter

※ Bore machining is available within the product's minimum to maximum bore range beyond the standard bore sizes. (Refer to the figures on the right)

Standard bore diameter (d1/d2, mm)	3	4	5	6	6.35	8	10	12	13	14	15	16	18	19	20	22
OC 16 CS	•	•	•	•	•	•										
OC 20 CS		•	•	•	•	•	•									
OC 25 CS			•	•	•	•	•	•								
OC 32 CS				•	•	•	•	•	•	•	•	•				
OC 42 CS						•	•	•	•	•	•	•	•	•	•	•

Download detailed product information, including 2D (dwg) and 3D (step) files, from our website: www.jitcoupling.co.kr.



Dimension

Product Name	External Diameter	Length	Bore diameter range (d1/d2)		Shaft depth		Shaft Insert Distance	Bolt Size
			Min. Bore Diameter	Max. Bore Diameter	Shaft Insert Length	Shaft Insert Length		
OC 16 CS	Ø16	21	3	8	7	6	8	M2.5/M3
OC 20 CS	Ø20	23.5	4	10	8	6.5	9	M2.5/M4
OC 25 CS	Ø25	30	5	13	9.5	7.5	13	M3/M4
OC 32 CS	Ø32	36	6	16	11.5	9.5	15	M4/M5
OC 42 CS	Ø42	45	8	22	15	12	18	M5/M6

Specification

Product Name	Rated Torque (Nm)	Max Torque (Nm)	Max. Rotational Frequency (min ⁻¹)	Moment of Inertia (kg*m ²)	Static Torsional Stiffness (Nm/rad)	Max. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Max. Axial Misalignment (mm)	Mass (g)
OC 16 CS	1.2	2.4	12,500	3.57x10 ⁻⁷	65	1	2	0.05	11.4
OC 20 CS	1.8	3.6	10,500	9.76x10 ⁻⁷	120	1.5	2	0.08	19.9
OC 25 CS	2.8	5.6	9,250	3.04x10 ⁻⁶	200	2	2	0.1	39.7
OC 32 CS	8	16	8,500	9.80x10 ⁻⁶	620	2.5	2	0.1	78.1
OC 42 CS	17	34	8,000	3.63x10 ⁻⁵	1200	3	2	0.1	168.2

