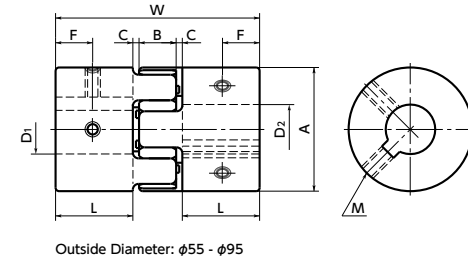
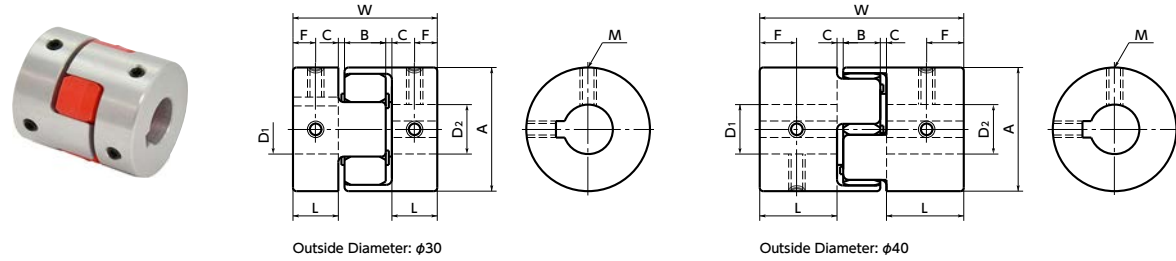


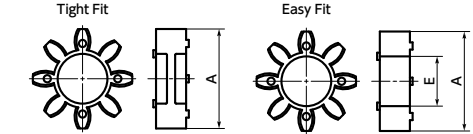
# MJC-K Flexible Coupling - Jaw - type - Set Screw + Key Type

WEB Selection Tool | WEB CAD Download | High torque | Vibration absorption | Electrical Insulation

Additional Size | Specification Change



### Sleeve Details



### Ambient Temperature / Temperature Correction Factor

Ambient Temperature	Temperature Correction Factor
-20°C to 30°C	1.00
30°C to 40°C	0.80
40°C to 60°C	0.70

## Dimensions

Unit : mm

Part Number	A	L	W	B	C*1	Sleeve E	F	M	Screw Tightening Torque (N·m)
MJC-30K	30	11	35	10	1.5	11	5.5	M4	1.7
MJC-40K	40	25	66	12	2	18	12.5	M5	4
MJC-55K	55	30	78	14	2	27.5	15	M6	7
MJC-65K	65	35	90	15	2.5	31	17.5	M8	15
MJC-80K	80	45	114	18	3	37	22.5	M8	15
MJC-95K	95	50	126	20	3	45.5	25	M8	15

\*1 Use with C Dimension

Part Number	Standard Bore Diameter (dimensional allowance H8) D1 · D2															
	10	11	12	14	15	16	18	19	20	22	24	25	28	30	32	35
MJC-30K	●	●	●	●	●	●										
MJC-40K	●	●	●	●	●	●	●	●	●	●	●	●				
MJC-55K	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-65K				●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-80K							●	●	●	●	●	●	●	●	●	●
MJC-95K									●	●	●	●	●	●	●	●

Part Number	Standard Bore Diameter (dimensional allowance H7) D1 · D2															
	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	
MJC-30K	●	●	●													
MJC-40K	●	●	●	●	●											
MJC-55K	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-65K	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-80K				●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-95K							●	●	●	●	●	●	●	●	●	●

- All products are provided with hex socket set screw.
- Recommended dimensional allowances of applicable shaft diameter are h6 and h7.
- A set of hubs with key type for one side and clamping type or other type for the other side is available upon request.

## Performance

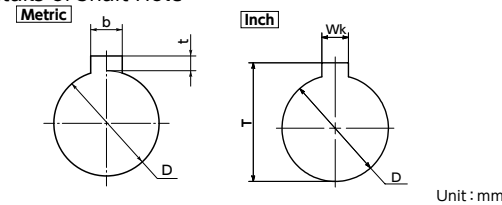
Part Number	Sleeve		Max. Bore Diameter (mm)	Rated*1 torque (N·m)	Max.*1 torque (N·m)	Zero Backlash*3 Allowable Transmission Torque (N·m)	Max. Rotational Frequency (min <sup>-1</sup> )	Moment*2 of Inertia (kg·m <sup>2</sup> )	Static Torsional Stiffness (N·m / rad)	Max. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Max. Axial Misalignment (mm)	Mass*2 (g)	Sleeve Hardness (JIS)
	Tight Fit	Easy Fit												
MJC-30K	BL	EBL	16	4	8	0.5	21000	6.1 x 10 <sup>-6</sup>	46	0.2	1	+1.0 0	43	A80
MJC-40K	BL	EBL	25	4.9	9.8	1.2	15000	3.6 x 10 <sup>-5</sup>	380	0.15	1	+1.2 0	130	
MJC-55K	BL	EBL	32	17	34		11000	1.6 x 10 <sup>-4</sup>	1400	0.2	1	+1.4 0	310	
MJC-65K	BL	EBL	38.1	46	92		9000	3.6 x 10 <sup>-4</sup>	2800	0.2	1	+1.5 0	510	
MJC-80K	BL	EBL	45	95	190		7000	1.1 x 10 <sup>-3</sup>	3200	0.2	1	+1.8 0	1000	
MJC-95K	BL	EBL	55	130	260		6000	2.3 x 10 <sup>-3</sup>	3600	0.2	1	+2.0 0	1500	
MJC-30K	WH	EWH	16	7.5	15	0.5	21000	6.1 x 10 <sup>-6</sup>	73	0.15	1	+1.0 0	43	A92
MJC-40K	WH	EWH	25	10	20	1.2	15000	3.6 x 10 <sup>-5</sup>	570	0.1	1	+1.2 0	130	
MJC-55K	WH	EWH	32	35	70		11000	1.6 x 10 <sup>-4</sup>	1600	0.15	1	+1.4 0	310	
MJC-65K	WH	EWH	38.1	95	190		9000	3.6 x 10 <sup>-4</sup>	3000	0.15	1	+1.5 0	510	
MJC-80K	WH	EWH	45	190	380		7000	1.1 x 10 <sup>-3</sup>	5300	0.15	1	+1.8 0	1000	
MJC-95K	WH	EWH	55	265	530		6000	2.3 x 10 <sup>-3</sup>	6200	0.15	1	+2.0 0	1500	
MJC-30K	RD	ERD	16	12.5	25	0.5	21000	6.1 x 10 <sup>-6</sup>	130	0.1	1	+1.0 0	43	A98
MJC-40K	RD	ERD	25	17	34	1.2	15000	3.6 x 10 <sup>-5</sup>	1200	0.1	1	+1.2 0	130	
MJC-55K	RD	ERD	32	60	120		11000	1.6 x 10 <sup>-4</sup>	2600	0.1	1	+1.4 0	310	
MJC-65K	RD	ERD	38.1	160	320		9000	3.6 x 10 <sup>-4</sup>	4900	0.1	1	+1.5 0	510	
MJC-80K	RD	ERD	45	325	650		7000	1.1 x 10 <sup>-3</sup>	6500	0.1	1	+1.8 0	1000	
MJC-95K	RD	ERD	55	450	900		6000	2.3 x 10 <sup>-3</sup>	8900	0.1	1	+2.0 0	1500	
MJC-30K	GR	EGR	16	16	32	0.5	21000	6.1 x 10 <sup>-6</sup>	200	0.08	1	+1.0 0	43	D64
MJC-40K	GR	EGR	25	21	42	1.2	15000	3.6 x 10 <sup>-5</sup>	3000	0.08	1	+1.2 0	130	
MJC-55K	GR	EGR	32	75	150		11000	1.6 x 10 <sup>-4</sup>	9000	0.08	1	+1.4 0	310	
MJC-65K	GR	EGR	38.1	200	400		9000	3.6 x 10 <sup>-4</sup>	13000	0.08	1	+1.5 0	510	
MJC-80K	GR	EGR	45	405	810		7000	1.1 x 10 <sup>-3</sup>	14000	0.08	1	+1.8 0	1000	
MJC-95K	GR	EGR	55	560	1120		6000	2.3 x 10 <sup>-3</sup>	15000	0.08	1	+2.0 0	1500	

\*1 Correction of rated torque and max. torque due to load fluctuation is not required. However, if ambient temperature exceeds 30°C, be sure to correct the rated torque and max. torque with temperature correction factor shown in the table. **MJC-K**'s allowable operating temperature is -20°C to 60°C.

\*2 These are values with max. bore diameter.

\*3 For transmission with Zero Backlash, please use a tight fit sleeve.

### Details of Shaft Hole



Standard Metric Bore Diameter D	Keyway				Key Nominal Dimension b x h
	b	t	Standard Dimension	Allowance	
10 · 11 · 12	4	±0.0150	1.8	+0.1 0	4×4
14 · 15 · 16	5	±0.0150	2.3	+0.1 0	5×5
18 · 19 · 20 · 22	6	±0.0150	2.8	+0.1 0	6×6
24 · 25 · 28 · 30	8	±0.0180	3.3	+0.2 0	8×7
32 · 35 · 38	10	±0.0180	3.3	+0.2 0	10×8
40 · 42	12	±0.0215	3.3	+0.2 0	12×8
45 · 48 · 50	14	±0.0215	3.8	+0.2 0	14×9
55	16	±0.0215	4.3	+0.2 0	16×10

Standard Inch Bore Diameter D	Keyway			
	Wk	Standard Dimension	Allowance	T
1/2	1 / 8	+0.002 0	0.560	+0.01 0
9/16	1 / 8	+0.002 0	0.623	+0.01 0
5/8	3 / 16	+0.002 0	0.709	+0.01 0
11/16	3 / 16	+0.002 0	0.773	+0.01 0
3/4	3 / 16	+0.002 0	0.837	+0.01 0
13/16	3 / 16	+0.002 0	0.900	+0.01 0
7/8	3 / 16	+0.002 0	0.964	+0.01 0
15/16	1 / 4	+0.002 0	1.051	+0.01 0
1	1 / 4	+0.002 0	1.114	+0.01 0
1 1/8	1 / 4	+0.002 0	1.241	+0.01 0
1 1/4	1 / 4	+0.002 0	1.367	+0.01 0
1 3/8	5 / 16	+0.002 0	1.518	+0.01 0
1 1/2	3 / 8	+0.002 0	1.669	+0.01 0
1 5/8	3 / 8	+0.002 0	1.796	+0.01 0
1 3/4	3 / 8	+0.002 0	1.922	+0.01 0

Unit : inch

### Part number specification

**MJC-40K-EGR-11-12**



Additional Keyway at Shaft Hole → P.788 | Cleanroom Wash & Packaging → P.792 | Change to Stainless Steel Screw → P.790