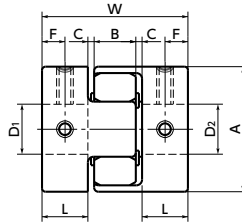
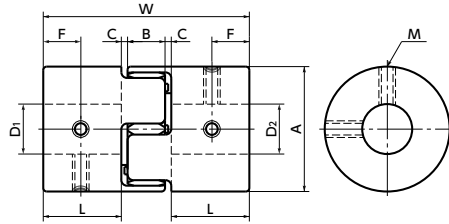
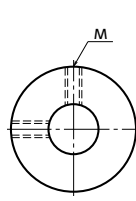


MJC Flexible Coupling - Jaw - Type - Set Screw Type

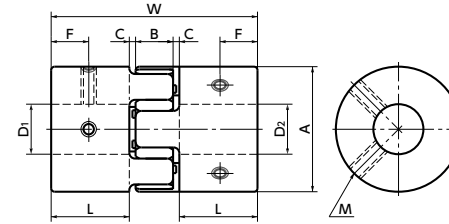
High torque Vibration absorption Electrical Insulation



Outside Diameter: $\phi 14 - \phi 30$

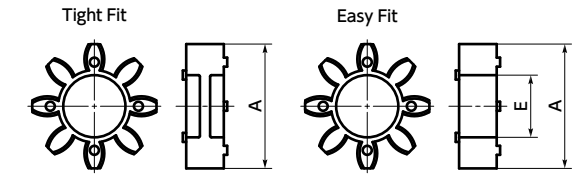


Outside Diameter: $\phi 40$



Outside Diameter: $\phi 55 - \phi 95$

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-14	14	7	22	6	1	4	3.5	M3	0.7
MJC-20	20	10	30	8	1	6	5	M3	0.7
MJC-25	25	12	34	8	1	8	6	M4	1.7
MJC-30	30	11	35	10	1.5	10	5.5	M4	1.7
MJC-40	40	25	66	12	2	17	12.5	M5	4
MJC-55	55	30	78	14	2	26	15	M6	7
MJC-65	65	35	90	15	2.5	29.5	17.5	M8	15
MJC-80	80	45	114	18	3	35.5	22.5	M8	15
MJC-95	95	50	126	20	3	44	25	M8	15

*1: Use with C Dimension

Part Number	Standard metric bore diameter (dimensional allowance H8)																																		
	D1 · D2	3	4	4.5	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55		
MJC-14	●	●	●	●	●	●	●	●																											
MJC-20		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MJC-25			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MJC-30				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MJC-40					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MJC-55						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MJC-65							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-80								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-95									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Part Number	Standard inch bore diameter (dimensional allowance H7)																					
	D1 · D2	1/8	3/16	1/4	5/16	3/8	7/16	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-14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-20		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-25			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-30				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-40					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-55						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-65							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-80								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-95									●	●	●	●	●	●	●	●	●	●	●	●	●	●

- All products are provided with hex socket set screw.
- In a case where the bore diameter are $\phi 3, \phi 4$ and $\phi 1/8$, the setscrew is used in only one place.
- Recommended dimensional allowances of applicable shaft diameter are h6 and h7.
- A set of hubs with set screw type for one side and clamping type or other type for the other side is available upon request.
- For the shaft insertion amount to the coupling, see Mounting/maintenance.

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

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 ⁻¹)	Moment*2 of Inertia (kg·m ²)	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-14	BL	EBL	7	0.7	1.4	0.1	45000	2.0 x 10 ⁻⁷	8	0.15	1	+0.6 0	6.6	A80
MJC-20	BL	EBL	11	1.8	3.6	0.2	31000	1.1 x 10 ⁻⁶	16	0.2	1	+0.8 0	17	
MJC-25	BL	EBL	12.7	3	6	0.4	25000	3.3 x 10 ⁻⁶	32	0.2	1	+0.9 0	34	
MJC-30	BL	EBL	16	4	8	0.5	21000	6.2 x 10 ⁻⁶	46	0.2	1	+1.0 0	44	
MJC-40	BL	EBL	25	4.9	9.8	1.2	15000	3.7 x 10 ⁻⁵	380	0.15	1	+1.2 0	130	
MJC-55	BL	EBL	32	17	34		11000	1.6 x 10 ⁻⁴	1400	0.2	1	+1.4 0	320	
MJC-65	BL	EBL	38.1	46	92		9000	3.6 x 10 ⁻⁴	2800	0.2	1	+1.5 0	520	
MJC-80	BL	EBL	45	95	190		7000	1.1 x 10 ⁻³	3200	0.2	1	+1.8 0	1000	
MJC-95	BL	EBL	55	130	260		6000	2.3 x 10 ⁻³	3600	0.2	1	+2.0 0	1500	
MJC-14	WH	EWH	7	1.2	2.4	0.1	45000	2.0 x 10 ⁻⁷	14	0.1	1	+0.6 0	6.6	A92
MJC-20	WH	EWH	11	3	6	0.2	31000	1.1 x 10 ⁻⁶	29	0.15	1	+0.8 0	17	
MJC-25	WH	EWH	12.7	5	10	0.4	25000	3.3 x 10 ⁻⁶	60	0.15	1	+0.9 0	34	
MJC-30	WH	EWH	16	7.5	15	0.5	21000	6.2 x 10 ⁻⁶	73	0.15	1	+1.0 0	44	
MJC-40	WH	EWH	25	10	20	1.2	15000	3.7 x 10 ⁻⁵	570	0.1	1	+1.2 0	130	
MJC-55	WH	EWH	32	35	70		11000	1.6 x 10 ⁻⁴	1600	0.15	1	+1.4 0	320	
MJC-65	WH	EWH	38.1	95	190		9000	3.6 x 10 ⁻⁴	3000	0.15	1	+1.5 0	520	
MJC-80	WH	EWH	45	190	380		7000	1.1 x 10 ⁻³	5300	0.15	1	+1.8 0	1000	
MJC-95	WH	EWH	55	265	530		6000	2.3 x 10 ⁻³	6200	0.15	1	+2.0 0	1500	
MJC-14	RD	ERD	7	2	4	0.1	45000	2.0 x 10 ⁻⁷	22	0.1	1	+0.6 0	6.6	A98
MJC-20	RD	ERD	11	5	10	0.2	31000	1.1 x 10 ⁻⁶	55	0.1	1	+0.8 0	17	
MJC-25	RD	ERD	12.7	7.2	14.4	0.4	25000	3.3 x 10 ⁻⁶	120	0.1	1	+0.9 0	34	
MJC-30	RD	ERD	16	12.5	25	0.5	21000	6.2 x 10 ⁻⁶	130	0.1	1	+1.0 0	44	
MJC-40	RD	ERD	25	17	34	1.2	15000	3.7 x 10 ⁻⁵	1200	0.1	1	+1.2 0	130	
MJC-55	RD	ERD	32	60	120		11000	1.6 x 10 ⁻⁴	2600	0.1	1	+1.4 0	320	
MJC-65	RD	ERD	38.1	160	320		9000	3.6 x 10 ⁻⁴	4900	0.1	1	+1.5 0	520	
MJC-80	RD	ERD	45	325	650		7000	1.1 x 10 ⁻³	6500	0.1	1	+1.8 0	1000	
MJC-95	RD	ERD	55	450	900		6000	2.3 x 10 ⁻³	8900	0.1	1	+2.0 0	1500	
MJC-14	GR	EGR	7	2.4	4.8	0.1	45000	2.0 x 10 ⁻⁷	66	0.08	1	+0.6 0	6.6	D64
MJC-20	GR	EGR	11	6	12	0.2	31000	1.1 x 10 ⁻⁶	87	0.08	1	+0.8 0	17	
MJC-25	GR	EGR	12.7	9.6	19.2	0.4	25000	3.3 x 10 ⁻⁶	160	0.08	1	+0.9 0	34	
MJC-30	GR	EGR	16	16	32	0.5	21000	6.2 x 10 ⁻⁶	200	0.08	1	+1.0 0	44	
MJC-40	GR	EGR	25	21	42	1.2	15000	3.7 x 10 ⁻⁵	3000	0.08	1	+1.2 0	130	
MJC-55	GR	EGR	32	75	150		11000	1.6 x 10 ⁻⁴	9000	0.08	1	+1.4 0	320	
MJC-65	GR	EGR	38.1	200	400		9000	3.6 x 10 ⁻⁴	13000	0.08	1	+1.5 0	520	
MJC-80	GR	EGR	45	405	810		7000	1.1 x 10 ⁻³	14000	0.08	1	+1.8 0	1000	
MJC-95	GR	EGR	55	560	1120		6000	2.3 x 10 ⁻³	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**'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.

Part number specification

MJC-95-EBL-40-45

