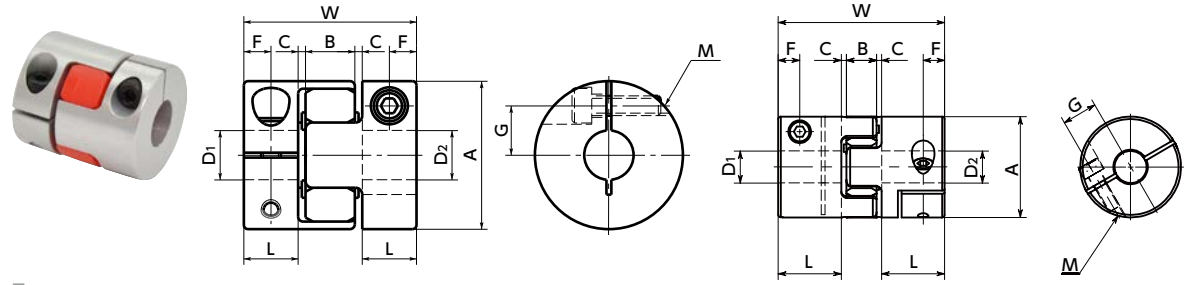


MJC-CS Flexible Coupling - Jaw - Type - Clamping Type

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



Outside Diameter: φ14 - φ30

Outside Diameter: φ40

Unit : mm

Dimensions

Part Number	Bore Diameter	A	L	W	B	C*1	Sleeve E	F	G	M	Screw Tightening Torque (N·m)
MJC-14CS	3 - 5	14	7	22	6	1	4	3.5	4	M2	0.5
	6 - 7									M1.6	0.25
MJC-20CS	4 - 8	20	10	30	8	1	6	5	6.5	M2.5	1
	9.525 - 11									M2	0.5
MJC-30CS	6 - 12	30	11	35	10	1.5	10	5.5	10	M4	3.5
	12.7 - 16									M3	1.5
MJC-40CS	7.9375 - 20	40	25	66	12	2	17	8.5	14	M5	8
	22 - 25									M4	3.5
MJC-55CS	9.525 - 28	55	30	78	14	2	26	10.5	20	M6	13
	30 - 32									M5	8
MJC-65CS	12.7 - 32	65	35	90	15	2.5	29.5	13	24	M8	28
	34.925 - 38.1									M6	13
MJC-80CS	19.05 - 42	80	45	114	18	3	35.5	15	30	M8	28
	45									M8	28
MJC-95CS	25 - 48	95	50	126	20	3	44	18	34	M10	55
	50 - 55									M10	55

*1: Use with C Dimension

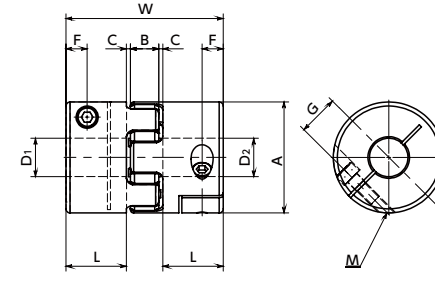
Part Number	Standard metric bore diameter D1 · D2																														
	3	4	4.5	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50
MJC-14CS	●	●	●	●	●	●	●																								
MJC-20CS		●	●	●	●	●	●	●																							
MJC-30CS					●	●	●	●	●										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

Part Number	Standard inch bore diameter 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-14CS	●	●																													
MJC-20CS		●																													
MJC-30CS			●	●	●																										
MJC-40CS				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-55CS					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-65CS						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-80CS							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MJC-95CS								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

- All products are provided with hex socket head cap screw.
- Recommended dimensional allowances of applicable shaft diameter are h6 and h7.
- A set of hubs with clamping type for one side and set screw type or other type for the other side is available upon request.
- In case of mounting on D-cut shaft, be careful about the position of the D-cut surface of the shaft. → P.xxxx

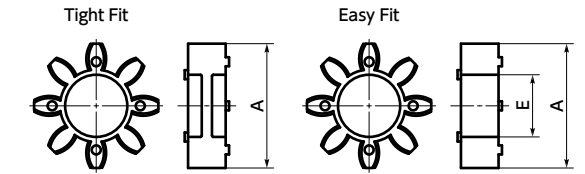
Additional Keyway at Shaft Hole → P.xxxx | Cleanroom Wash & Packaging → P.xxxx | Change to Stainless Steel Screw → P.xxxx

Available / Add'l charge



Outside Diameter: φ55 - φ95

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

Performance

Part Number	Sleeve	Tight Fit	Easy Fit	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)	
MJC-14CS	BL	EBL		7	0.7	1.4	0.1	45000	1.9 x 10 ⁻⁷	8	0.15	1	+0.6 0	6.2	A80	
MJC-20CS	BL	EBL		11	1.8	3.6	0.2	31000	1.0 x 10 ⁻⁶	16	0.2	1	+0.8 0	16		
MJC-30CS	BL	EBL		16	4	8	0.5	21000	6.0 x 10 ⁻⁶	46	0.2	1	+1.0 0	42		
MJC-40CS	BL	EBL		25	4.9	9.8	1.2	15000	3.6 x 10 ⁻⁵	380	0.15	1	+1.2 0	130		
MJC-55CS	BL	EBL		32	17	34		11000	1.6 x 10 ⁻⁴	1400	0.2	1	+1.4 0	310		
MJC-65CS	BL	EBL		38.1	46	92		9000	3.5 x 10 ⁻⁴	2800	0.2	1	+1.5 0	500		
MJC-80CS	BL	EBL		45	95	190		7000	1.0 x 10 ⁻³	3200	0.2	1	+1.8 0	1000		
MJC-95CS	BL	EBL		55	130	260		6000	2.3 x 10 ⁻³	3600	0.2	1	+2.0 0	1600		
MJC-14CS	WH	EWH		7	1.2	2.4	0.1	45000	1.9 x 10 ⁻⁷	14	0.1	1	+0.6 0	6.2		A92
MJC-20CS	WH	EWH		11	3	6	0.2	31000	1.0 x 10 ⁻⁶	29	0.15	1	+0.8 0	16		
MJC-30CS	WH	EWH		16	7.5	15	0.5	21000	6.0 x 10 ⁻⁶	73	0.15	1	+1.0 0	42		
MJC-40CS	WH	EWH		25	10	20	1.2	15000	3.6 x 10 ⁻⁵	570	0.1	1	+1.2 0	130		
MJC-55CS	WH	EWH		32	35	70		11000	1.6 x 10 ⁻⁴	1600	0.15	1	+1.4 0	310		
MJC-65CS	WH	EWH		38.1	95	190		9000	3.5 x 10 ⁻⁴	3000	0.15	1	+1.5 0	500		
MJC-80CS	WH	EWH		45	190	380		7000	1.0 x 10 ⁻³	5300	0.15	1	+1.8 0	1000		
MJC-95CS	WH	EWH		55	265	530		6000	2.3 x 10 ⁻³	6200	0.15	1	+2.0 0	1600		
MJC-14CS	RD	ERD		7	2	4	0.1	45000	1.9 x 10 ⁻⁷	22	0.1	1	+0.6 0	6.2	A98	
MJC-20CS	RD	ERD		11	5	10	0.2	31000	1.0 x 10 ⁻⁶	55	0.1	1	+0.8 0	16		
MJC-30CS	RD	ERD		16	12.5	25	0.5	21000	6.0 x 10 ⁻⁶	130	0.1	1	+1.0 0	42		
MJC-40CS	RD	ERD		25	17	34	1.2	15000	3.6 x 10 ⁻⁵	1200	0.1	1	+1.2 0	130		
MJC-55CS	RD	ERD		32	60	120		11000	1.6 x 10 ⁻⁴	2600	0.1	1	+1.4 0	310		
MJC-65CS	RD	ERD		38.1	160	320		9000	3.5 x 10 ⁻⁴	4900	0.1	1	+1.5 0	500		
MJC-80CS	RD	ERD		45	325	650		7000	1.0 x 10 ⁻³	6500	0.1	1	+1.8 0	1000		
MJC-95CS	RD	ERD		55	450	900		6000	2.3 x 10 ⁻³	8900	0.1	1	+2.0 0	1600		
MJC-14CS	GR	EGR		7	2.4	4.8	0.1	45000	1.9 x 10 ⁻⁷	66	0.08	1	+0.6 0	6.2		D64
MJC-20CS	GR	EGR		11	6	12	0.2	31000	1.0 x 10 ⁻⁶	87	0.08	1	+0.8 0	16		
MJC-30CS	GR	EGR		16	16	32	0.5	21000	6.0 x 10 ⁻⁶	200	0.08	1	+1.0 0	42		
MJC-40CS	GR	EGR		25	21	42	1.2	15000	3.6 x 10 ⁻⁵	3000	0.08	1	+1.2 0	130		
MJC-55CS	GR	EGR		32	75	150		11000	1.6 x 10 ⁻⁴	9000	0.08	1	+1.4 0	310		
MJC-65CS	GR	EGR		38.1	200	400		9000	3.5 x 10 ⁻⁴	13000	0.08	1	+1.5 0	500		
MJC-80CS	GR	EGR		45	405	810		7000	1.0 x 10 ⁻³	14000	0.08	1	+1.8 0	1000		
MJC-95CS	GR	EGR		55	560	1120		6000	2.3 x 10 ⁻³	15000	0.08	1	+2.0 0	1600		

*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-CS'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-30CS-GR-7-8

