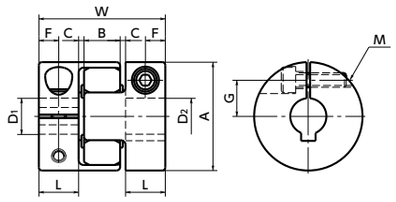
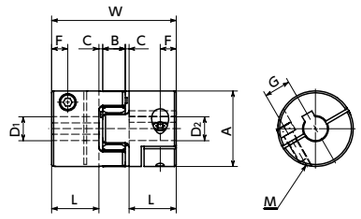
MJC-CSK Flexible Coupling - Jaw-type - Clamping + Key Type

Additional Size　Revised Part number　Specification Change

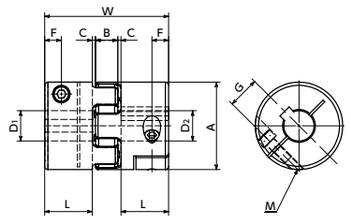
WEB Selection Tool　WEB CAD Download　High torque　Vibration absorption　Electrical Insulation



Outside Diameter: ϕ30



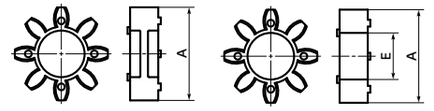
Outside Diameter: ϕ40



Outside Diameter: ϕ55 - ϕ95

● Sleeve Details

Tight Fit　Easy Fit



● Ambient Temperature / Temperature Correction Factor

Ambient Temperature	Temperature Correction Factor
−20℃ to 30℃	1.00
30℃ to 40℃	0.80
40℃ to 60℃	0.70

Dimensions

Unit : mm

Part Number ➀	Bore Diameter	A	L	W	B	C*1	Sleeve E	F	G	M	Screw Tightening Torque (N・m)
MJC-30CSK	10 - 12	30	11	35	10	1.5	11	5.5	10	M4	3.5
	14 - 16								11	M3	1.5
MJC-40CSK	10 - 20	40	25	66	12	2	18	8.5	14	M5	8
	22 - 25								15.75	M4	3.5
MJC-55CSK	10 - 28	55	30	78	14	2	27.5	10.5	20	M6	13
	30 - 32								21	M5	8
MJC-65CSK	12.7 - 32	65	35	90	15	2.5	31	13	24	M8	28
	34.925 - 38.1								25	M6	13
MJC-80CSK	19.05 - 42	80	45	114	18	3	37	15	30	M8	28
	44.45 - 45								31		
MJC-95CSK	25 - 48	95	50	126	20	3	45.5	18	34	M10	55
	50 - 55								36		

*1 Use with C Dimension

Part Number	Standard metric bore diameter D1・D2 ➂																					
	10	11	12	14	15	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55
MJC-30CSK	●	●	●	●	●	●																	
MJC-40CSK	●	●	●	●	●	●	●	●	●	●	●	●											
MJC-55CSK	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
MJC-65CSK				●	●	●	●	●	●	●	●	●	●	●	●	●	●						
MJC-80CSK									●	●	●	●	●	●	●	●	●	●	●	●			
MJC-95CSK												●	●	●	●	●	●	●	●	●	●	●	●

Part Number	Standard inch bore diameter D1・D2 ➂															
	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-30CSK	●	●	●												
MJC-40CSK	●	●	●	●	●										
MJC-55CSK	●	●	●	●	●	●	●	●	●						
MJC-65CSK	●	●	●	●	●	●	●	●	●	●	●	●	●		
MJC-80CSK					●	●	●	●	●	●	●	●	●	●	●
MJC-95CSK									●	●	●	●	●	●	●

- 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 + key type for one side and clamping 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.257

● Part number specification

MJC-80CSK - EWH - 22-24
➀ ➁ ➂

Additional Keyway at Shaft Hole ➡ P.788	Cleanroom Wash & Packaging ➡ P.792	Change to Stainless Steel Screw ➡ P.790
Please feel free to contact us	Available / Add'l charge	Available / Add'l charge

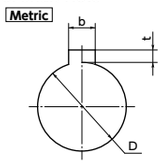
Performance

Part Number	Sleeve ➁		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・m2)	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-30CSK	BL	EBL	16	4	8	0.5	21000	5.9 x 10-6	46	0.2	1	+1.0 0	41	A80
MJC-40CSK	BL	EBL	25	4.9	9.8	1.2	15000	3.5 x 10-5	380	0.15	1	+1.2 0	130	
MJC-55CSK	BL	EBL	32	17	34		11000	1.5 x 10-4	1400	0.2	1	+1.4 0	300	
MJC-65CSK	BL	EBL	38.1	46	92		9000	3.5 x 10-4	2800	0.2	1	+1.5 0	490	
MJC-80CSK	BL	EBL	45	95	190		7000	1.0 x 10-3	3200	0.2	1	+1.8 0	990	
MJC-95CSK	BL	EBL	55	130	260		6000	2.3 x 10-3	3600	0.2	1	+2.0 0	1500	
MJC-30CSK	WH	EWH	16	7.5	15	0.5	21000	5.9 x 10-6	73	0.15	1	+1.0 0	41	A92
MJC-40CSK	WH	EWH	25	10	20	1.2	15000	3.5 x 10-5	570	0.1	1	+1.2 0	130	
MJC-55CSK	WH	EWH	32	35	70		11000	1.5 x 10-4	1600	0.15	1	+1.4 0	300	
MJC-65CSK	WH	EWH	38.1	95	190		9000	3.5 x 10-4	3000	0.15	1	+1.5 0	490	
MJC-80CSK	WH	EWH	45	190	380		7000	1.0 x 10-3	5300	0.15	1	+1.8 0	990	
MJC-95CSK	WH	EWH	55	265	530		6000	2.3 x 10-3	6200	0.15	1	+2.0 0	1500	
MJC-30CSK	RD	ERD	16	12.5	25	0.5	21000	5.9 x 10-6	130	0.1	1	+1.0 0	41	A98
MJC-40CSK	RD	ERD	25	17	34	1.2	15000	3.5 x 10-5	1200	0.1	1	+1.2 0	130	
MJC-55CSK	RD	ERD	32	60	120		11000	1.5 x 10-4	2600	0.1	1	+1.4 0	300	
MJC-65CSK	RD	ERD	38.1	160	320		9000	3.5 x 10-4	4900	0.1	1	+1.5 0	490	
MJC-80CSK	RD	ERD	45	325	650		7000	1.0 x 10-3	6500	0.1	1	+1.8 0	990	
MJC-95CSK	RD	ERD	55	450	900		6000	2.3 x 10-3	8900	0.1	1	+2.0 0	1500	
MJC-30CSK	GR	EGR	16	16	32	0.5	21000	5.9 x 10-6	200	0.08	1	+1.0 0	41	D64
MJC-40CSK	GR	EGR	25	21	42	1.2	15000	3.5 x 10-5	3000	0.08	1	+1.2 0	130	
MJC-55CSK	GR	EGR	32	75	150		11000	1.5 x 10-4	9000	0.08	1	+1.4 0	300	
MJC-65CSK	GR	EGR	38.1	200	400		9000	3.5 x 10-4	13000	0.08	1	+1.5 0	490	
MJC-80CSK	GR	EGR	45	405	810		7000	1.0 x 10-3	14000	0.08	1	+1.8 0	990	
MJC-95CSK	GR	EGR	55	560	1120		6000	2.3 x 10-3	15000	0.08	1	+2.0 0	1500	

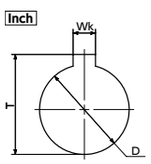
*1 Correction of rated torque and max. torque due to load fluctuation is not required. However, if ambient temperature exceeds 30℃, be sure to correct the rated torque and max. torque with temperature correction factor shown in the table. MJC-CSK 's allowable operating temperature is −20℃ to 60℃.
*2 These are values with max. bore diameter.
*3 For transmission with Zero Backlash, please use a tight fit sleeve.

● Details of Shaft Hole

Metric



Inch



Unit : mm

Standard Metric Bore Diameter D	Keyway b Standard Dimension	Keyway b Allowance (JS9)	Keyway t Standard Dimension	Keyway t Allowance	Key Nominal Dimension b x h
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

Unit : inch

Standard Inch Bore Diameter D	Keyway Wk Standard Dimension	Keyway Wk Allowance	Keyway T Standard Dimension	Keyway T Allowance
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 1/16	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

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