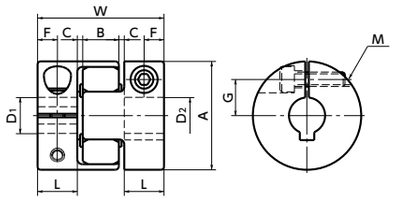
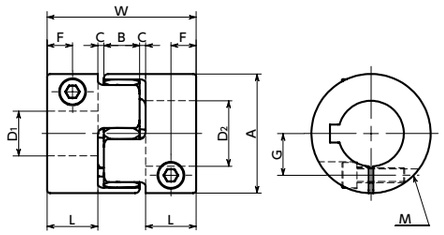
MJS-CSK Flexible Coupling - Jaw - Type (Short) - Clamping + Key Type

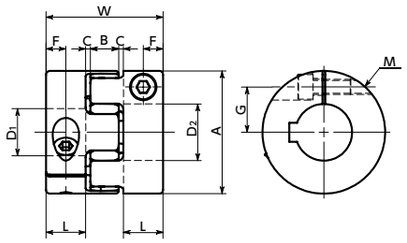
High torque　Vibration absorption　Electrical Insulation



Outside Diameter: ϕ25 / ϕ30



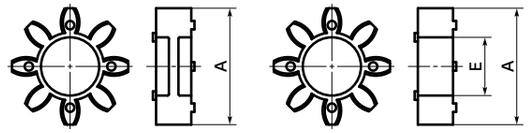
Outside Diameter: ϕ40



Outside Diameter: ϕ55 / ϕ65

● 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

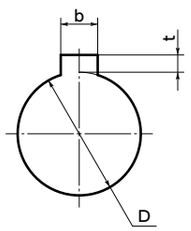
Part Number 1	Bore Diameter	A	L	W	B	C*1	Sleeve E	F	G	M	Screw Tightening Torque (N・m)
MJS-25CSK	D=10	25	8	26	8	1	8	4	9	M3	1.5
	10<D≦12								9.5	M2.5	1
MJS-30CSK	10≦D≦12	30	9.5	32	10	1.5	10	4.75	10	M4	3.5
	12<D≦16								11	M3	1.5
MJS-40CSK	10≦D≦20	40	17	50	12	2	17	8.5	14	M5	8
	20<D≦25								15.75	M4	3.5
MJS-55CSK	10≦D≦28	55	18	54	14	2	26	9	20	M6	13
	28<D≦32								21	M5	8
MJS-65CSK	14≦D≦32	65	21	62	15	2.5	29.5	10.5	24	M8	28
	32<D≦38								25	M6	13

*1 : Use with C Dimension

Part Number	Standard Bore Diameter D1・D2 3																
	10	11	12	14	15	16	18	19	20	22	24	25	28	30	32	35	38
MJS-25CSK	●	●	●														
MJS-30CSK	●	●	●	●	●	●											
MJS-40CSK	●	●	●	●	●	●	●	●	●	●	●	●					
MJS-55CSK	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
MJS-65CSK				●	●	●	●	●	●	●	●	●	●	●	●	●	●

- 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 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.
- For the shaft insertion amount to the coupling, see Mounting/maintenance.

● Details of Shaft Hole



Unit : mm

Standard 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

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

Performance

Part Number	Sleeve 2 Tight Fit	Sleeve 2 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・m2)	Static Torsional Stiffness (N・m / rad)	Max. Lateral Misalignment (mm)	Max. Angular Misalignment (°)	Max. Axial Misalignment (mm)	Mass*2 (g)	Sleeve Hardness (JIS)
MJS-25CSK	BL	EBL	12	3	6	0.4	25000	2.5 x 10-6	32	0.2	1	$^{+0.9}_{0}$	25	
MJS-30CSK	BL	EBL	16	4	8	0.5	21000	5.4 x 10-6	46	0.2	1	$^{+1.0}_{0}$	38	
MJS-40CSK	BL	EBL	25	4.9	9.8	1.2	15000	2.7 x 10-5	380	0.15	1	$^{+1.2}_{0}$	96	A80
MJS-55CSK	BL	EBL	32	17	34		11000	1.0 x 10-4	1400	0.2	1	$^{+1.4}_{0}$	210	
MJS-65CSK	BL	EBL	38	46	92		9000	2.3 x 10-4	2800	0.2	1	$^{+1.5}_{0}$	330	
MJS-25CSK	WH	EWH	12	5	10	0.4	25000	2.5 x 10-6	60	0.15	1	$^{+0.9}_{0}$	25	
MJS-30CSK	WH	EWH	16	7.5	15	0.5	21000	5.4 x 10-6	73	0.15	1	$^{+1.0}_{0}$	38	
MJS-40CSK	WH	EWH	25	10	20	1.2	15000	2.7 x 10-5	570	0.1	1	$^{+1.2}_{0}$	96	A92
MJS-55CSK	WH	EWH	32	35	70		11000	1.0 x 10-4	1600	0.15	1	$^{+1.4}_{0}$	210	
MJS-65CSK	WH	EWH	38	95	190		9000	2.3 x 10-4	3000	0.15	1	$^{+1.5}_{0}$	330	
MJS-25CSK	RD	ERD	12	7.2	14.4	0.4	25000	2.5 x 10-6	120	0.1	1	$^{+0.9}_{0}$	25	
MJS-30CSK	RD	ERD	16	12.5	25	0.5	21000	5.4 x 10-6	130	0.1	1	$^{+1.0}_{0}$	38	
MJS-40CSK	RD	ERD	25	17	34	1.2	15000	2.7 x 10-5	1200	0.1	1	$^{+1.2}_{0}$	96	A98
MJS-55CSK	RD	ERD	32	60	120		11000	1.0 x 10-4	2600	0.1	1	$^{+1.4}_{0}$	210	
MJS-65CSK	RD	ERD	38	160	320		9000	2.3 x 10-4	4900	0.1	1	$^{+1.5}_{0}$	330	
MJS-25CSK	GR	EGR	12	9.6	19.2	0.4	25000	2.5 x 10-6	160	0.08	1	$^{+0.9}_{0}$	25	
MJS-30CSK	GR	EGR	16	16	32	0.5	21000	5.4 x 10-6	200	0.08	1	$^{+1.0}_{0}$	38	
MJS-40CSK	GR	EGR	25	21	42	1.2	15000	2.7 x 10-5	3000	0.08	1	$^{+1.2}_{0}$	96	D64
MJS-55CSK	GR	EGR	32	75	150		11000	1.0 x 10-4	9000	0.08	1	$^{+1.4}_{0}$	210	
MJS-65CSK	GR	EGR	38	200	400		9000	2.3 x 10-4	13000	0.08	1	$^{+1.5}_{0}$	330	

*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. MJS-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.

● Part number specification

MJS-40CSK - EBL - 14-16
1　2　3

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