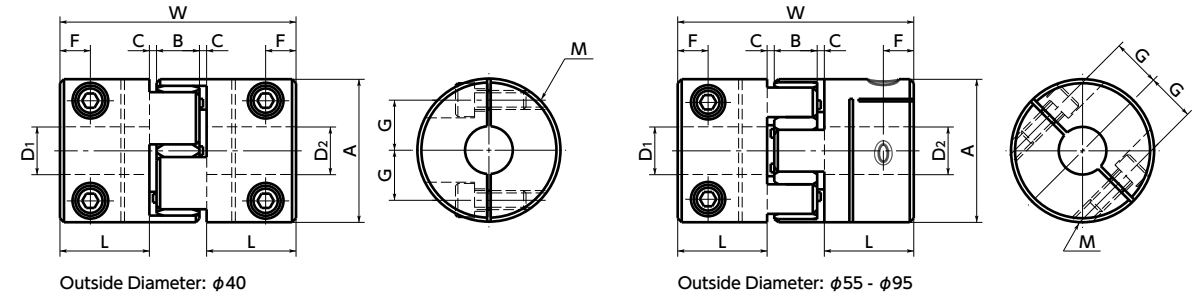
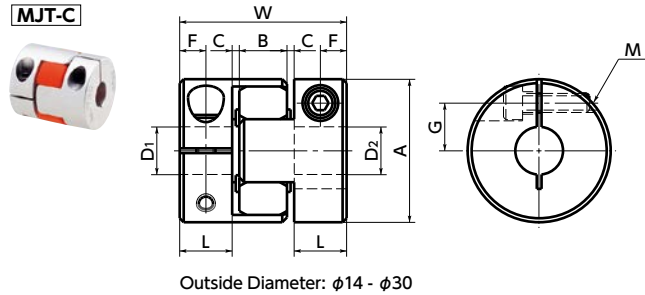


MJT-C Flexible coupling - Jaw - type - Clamping type NEW

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



Dimensions

Unit : mm

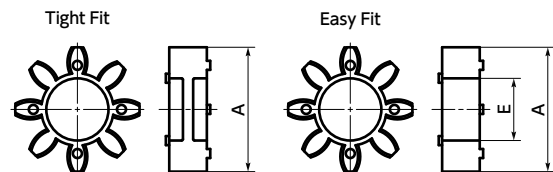
Part Number	Bore Diameter	A	L	W	B	C*1	Sleeve E	F	G	M	Screw Tightening Torque (N·m)
MJT-14C	3 - 5	14	7	22	6	1	4.5	3.5	4	M2	0.5
	6 - 7									5	M1.6
MJT-20C	4 - 8	20	10	30	8	1	7	5	6.5	M2.5	1
	9.525 - 11								7.5	M2	0.5
MJT-30C	6 - 12	30	11	35	10	1.5	11	5.5	10	M4	2.5
	14 - 16								11	M3	1.5
MJT-40C	8 - 20	40	25	66	12	2	18	8.5	14	M5	4
	22 - 25								15.75	M4	2.5
MJT-55C	10 - 28	55	30	78	14	2	27.5	10.5	20	M6	8
	30 - 32								21	M5	4
MJT-65C	14 - 32	65	35	90	15	2.5	31	13	24	M8	16
	35 - 38								25	M6	8
MJT-80C	20 - 42	80	45	114	18	3	37	15	30	M8	16
	45								31		
MJT-95C	25 - 48	95	50	126	20	3	45.5	18	34	M10	40
	50 - 55								36		

*1 Use with C Dimension

Part Number	Standard 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	55
MJT-14C	●	●	●																													
MJT-20C				●	●	●	●	●																								
MJT-30C							●	●	●	●	●	●																				
MJT-40C										●	●	●	●	●	●																	
MJT-55C														●	●	●	●	●	●			●										
MJT-65C														●	●	●	●	●	●			●										
MJT-80C																						●	●	●	●	●						
MJT-95C																												●	●	●		

- 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

Sleeve Details



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													
MJT-14C	BL	EBL	7	0.7	1.4	0.1	45000	1.9 × 10 ⁻⁷	8	0.15	1	+0.6 0	6.2	A80	
	BL	EBL	11	1.8	3.6	0.2	31000	1.0 × 10 ⁻⁶	16	0.2	1	+0.8 0	16		
MJT-30C	BL	EBL	16	4	8	0.5	21000	6.0 × 10 ⁻⁶	46	0.2	1	+1.0 0	42		
MJT-40C	BL	EBL	25	4.9	9.8	1.2	15000	3.6 × 10 ⁻⁵	380	0.15	1	+1.2 0	130		
MJT-55C	BL	EBL	32	17	34		11000	1.6 × 10 ⁻⁴	1400	0.2	1	+1.4 0	310		
MJT-65C	BL	EBL	38	46	92		9000	3.5 × 10 ⁻⁴	2800	0.2	1	+1.5 0	500		
MJT-80C	BL	EBL	45	95	190		7000	1.0 × 10 ⁻³	3200	0.2	1	+1.8 0	1000		
MJT-95C	BL	EBL	55	130	260		6000	2.3 × 10 ⁻³	3600	0.2	1	+2.0 0	1600		
MJT-14C	WH	EWH	7	1.2	2.4	0.1	45000	1.9 × 10 ⁻⁷	14	0.1	1	+0.6 0	6.2		A92
MJT-20C	WH	EWH	11	3	6	0.2	31000	1.0 × 10 ⁻⁶	29	0.15	1	+0.8 0	16		
MJT-30C	WH	EWH	16	7.5	15	0.5	21000	6.0 × 10 ⁻⁶	73	0.15	1	+1.0 0	42		
MJT-40C	WH	EWH	25	10	20	1.2	15000	3.6 × 10 ⁻⁵	570	0.1	1	+1.2 0	130		
MJT-55C	WH	EWH	32	35	70		11000	1.6 × 10 ⁻⁴	1600	0.15	1	+1.4 0	310		
MJT-65C	WH	EWH	38	95	190		9000	3.5 × 10 ⁻⁴	3000	0.15	1	+1.5 0	500		
MJT-80C	WH	EWH	45	190	380		7000	1.0 × 10 ⁻³	5300	0.15	1	+1.8 0	1000		
MJT-95C	WH	EWH	55	265	530		6000	2.3 × 10 ⁻³	6200	0.15	1	+2.0 0	1600		
MJT-14C	RD	ERD	7	2	4	0.1	45000	1.9 × 10 ⁻⁷	22	0.1	1	+0.6 0	6.2	A98	
MJT-20C	RD	ERD	11	5	10	0.2	31000	1.0 × 10 ⁻⁶	55	0.1	1	+0.8 0	16		
MJT-30C	RD	ERD	16	12.5	25	0.5	21000	6.0 × 10 ⁻⁶	130	0.1	1	+1.0 0	42		
MJT-40C	RD	ERD	25	17	34	1.2	15000	3.6 × 10 ⁻⁵	1200	0.1	1	+1.2 0	130		
MJT-55C	RD	ERD	32	60	120		11000	1.6 × 10 ⁻⁴	2600	0.1	1	+1.4 0	310		
MJT-65C	RD	ERD	38	160	320		9000	3.5 × 10 ⁻⁴	4900	0.1	1	+1.5 0	500		
MJT-80C	RD	ERD	45	325	650		7000	1.0 × 10 ⁻³	6500	0.1	1	+1.8 0	1000		
MJT-95C	RD	ERD	55	450	900		6000	2.3 × 10 ⁻³	8900	0.1	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. MJT-C's allowable operating temperature is -20°C to 60°C.

*2 These are values with max. bore diameter.

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

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

Part number specification

MJT-20C - WH - 6-6.35 1 set

