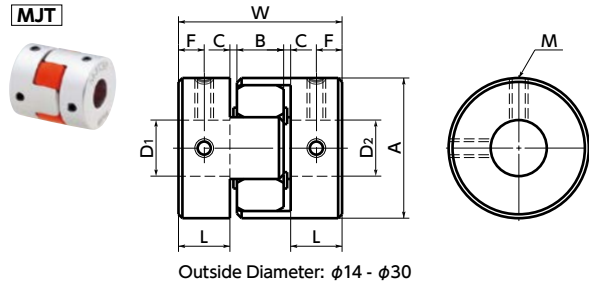
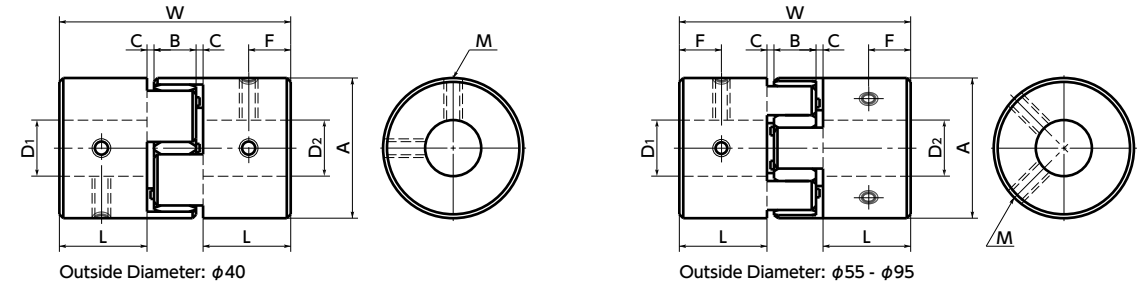


# MJT Flexible coupling - Jaw - type - Set screw type **NEW**

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



Outside Diameter: φ14 - φ30



Outside Diameter: φ40

Outside Diameter: φ55 - φ95

## Dimensions

Unit : mm

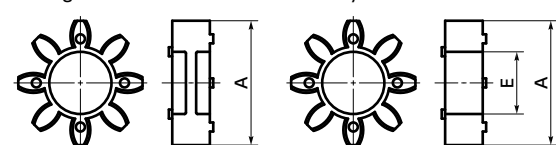
Part Number	A	L	W	B	C*1	Sleeve E	F	M	Screw Tightening Torque (N·m)
MJT-14	14	7	22	6	1	4.5	3.5	M3	0.7
MJT-20	20	10	30	8	1	7	5	M3	0.7
MJT-30	30	11	35	10	1.5	11	5.5	M4	1.7
MJT-40	40	25	66	12	2	18	12.5	M5	4
MJT-55	55	30	78	14	2	27.5	15	M6	7
MJT-65	65	35	90	15	2.5	31	17.5	M8	15
MJT-80	80	45	114	18	3	37	22.5	M8	15
MJT-95	95	50	126	20	3	45.5	25	M8	15

\*1 Use with C Dimension

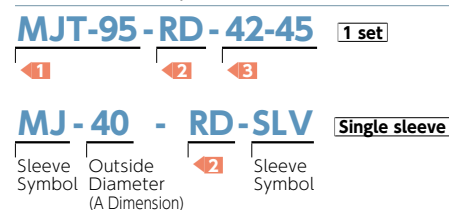
Part Number	Standard Bore Diameter (dimensional allowance H8)																																		
	D1	D2	3	4	4.5	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	
MJT-14	●	●	●	●	●																														
MJT-20				●	●	●	●	●	●																										
MJT-30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

- All products are provided with hex socket set screw.
- In a case where the bore diameter is φ4 or less, 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.

### ● Sleeve Details



### ● Part number specification



Additional Keyway at Shaft Hole → P.0000 | Cleanroom Wash & Packaging → P.0000 | Change to Stainless Steel Screw → P.0000  
 Available / Add'l charge | Available / Add'l charge | Available / Add'l charge

## Performance

Part Number	Sleeve		Max. Bore Diameter (mm)	Rated*1 torque (N·m)	Max.*1 torque (N·m)	Zero Backlash*3 Transmission Torque (N·m)	Max. Rotational Frequency (min <sup>-1</sup> )	Moment*2 of Inertia (kg·m <sup>2</sup> )	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-14	BL	EBL	7	0.7	1.4	0.1	45000	2.0 x 10 <sup>-7</sup>	8	0.15	1	+0.6 0	6.6	A80
MJT-20	BL	EBL	11	1.8	3.6	0.2	31000	1.1 x 10 <sup>-6</sup>	16	0.2	1	+0.8 0	17	
MJT-30	BL	EBL	16	4	8	0.5	21000	6.2 x 10 <sup>-6</sup>	46	0.2	1	+1.0 0	44	
MJT-40	BL	EBL	25	4.9	9.8	1.2	15000	3.7 x 10 <sup>-5</sup>	380	0.15	1	+1.2 0	130	
MJT-55	BL	EBL	32	17	34		11000	1.6 x 10 <sup>-4</sup>	1400	0.2	1	+1.4 0	320	
MJT-65	BL	EBL	38	46	92		9000	3.6 x 10 <sup>-4</sup>	2800	0.2	1	+1.5 0	520	
MJT-80	BL	EBL	45	95	190		7000	1.1 x 10 <sup>-3</sup>	3200	0.2	1	+1.8 0	1000	
MJT-95	BL	EBL	55	130	260		6000	2.3 x 10 <sup>-3</sup>	3600	0.2	1	+2.0 0	1500	
MJT-14	WH	EWH	7	1.2	2.4	0.1	45000	2.0 x 10 <sup>-7</sup>	14	0.1	1	+0.6 0	6.6	
MJT-20	WH	EWH	11	3	6	0.2	31000	1.1 x 10 <sup>-6</sup>	29	0.15	1	+0.8 0	17	
MJT-30	WH	EWH	16	7.5	15	0.5	21000	6.2 x 10 <sup>-6</sup>	73	0.15	1	+1.0 0	44	
MJT-40	WH	EWH	25	10	20	1.2	15000	3.7 x 10 <sup>-5</sup>	570	0.1	1	+1.2 0	130	
MJT-55	WH	EWH	32	35	70		11000	1.6 x 10 <sup>-4</sup>	1600	0.15	1	+1.4 0	320	
MJT-65	WH	EWH	38	95	190		9000	3.6 x 10 <sup>-4</sup>	3000	0.15	1	+1.5 0	520	
MJT-80	WH	EWH	45	190	380		7000	1.1 x 10 <sup>-3</sup>	5300	0.15	1	+1.8 0	1000	
MJT-95	WH	EWH	55	265	530		6000	2.3 x 10 <sup>-3</sup>	6200	0.15	1	+2.0 0	1500	
MJT-14	RD	ERD	7	2	4	0.1	45000	2.0 x 10 <sup>-7</sup>	22	0.1	1	+0.6 0	6.6	A98
MJT-20	RD	ERD	11	5	10	0.2	31000	1.1 x 10 <sup>-6</sup>	55	0.1	1	+0.8 0	17	
MJT-30	RD	ERD	16	12.5	25	0.5	21000	6.2 x 10 <sup>-6</sup>	130	0.1	1	+1.0 0	44	
MJT-40	RD	ERD	25	17	34	1.2	15000	3.7 x 10 <sup>-5</sup>	1200	0.1	1	+1.2 0	130	
MJT-55	RD	ERD	32	60	120		11000	1.6 x 10 <sup>-4</sup>	2600	0.1	1	+1.4 0	320	
MJT-65	RD	ERD	38	160	320		9000	3.6 x 10 <sup>-4</sup>	4900	0.1	1	+1.5 0	520	
MJT-80	RD	ERD	45	325	650		7000	1.1 x 10 <sup>-3</sup>	6500	0.1	1	+1.8 0	1000	
MJT-95	RD	ERD	55	450	900		6000	2.3 x 10 <sup>-3</sup>	8900	0.1	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. MJT'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