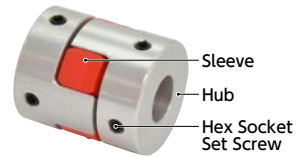


Structure

- Set Screw Type → P.132

MJC-*-***** Tight Fit

MJC-*-E-***** Easy Fit



- Clamping Type → P.134

MJC-*CS-***** Tight Fit

MJC-*CS-E-***** Easy Fit



- Set Screw + Key Type → P.136

MJC-*K-***** Tight Fit

MJC-*K-E-***** Easy Fit



- Clamping + Key Type → P.138

MJC-*CSK-***** Tight Fit

MJC-*CSK-E-***** Easy Fit



Material/Finish



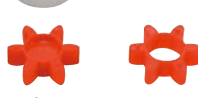
	MJC / MJC-CS / MJC-K / MJC-CSK
Hub	A2017 Alumite Treatment
Sleeve	Polyurethane
Hex Socket Set Screw	SCM435 Ferrosferric Oxide Film (Black)
Hex Socket Head Cap Screw	SCM435 Ferrosferric Oxide Film (Black)

● Sleeve

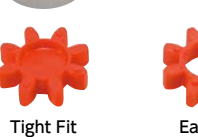
Outside Diameter: $\phi 14 - \phi 30$



Outside Diameter: $\phi 40$



Outside Diameter: $\phi 55 - \phi 95$



● New and Old Part Number

The part numbers for **MJC-CS** and **MJC-CSK** have been changed. The new and old part numbers are as below.

New Part Number	Old Part Number
MJC-CS	MJC-C
MJC-CSK	MJC-CK

● Specification Change

The specifications for these products have been changed.

- Change 1 Alumite treatment has been added to the surface.
- Change 2* For **MJC-CS** and **MJC-CSK** with outside diameter of $\phi 40$ mm or more, the hex socket head cap screws on each side have been changed from 2 to 1.

*Due to the specification change, the slip torque value has been changed. → P.130

● Part number specification

MJC-30CSK-ERD-10-11

Product Code Size Sleeve Type bore diameter

Please refer to dimensional table for part number specification.

- Additional Keyway at Shaft Hole → P.788 Available / Add'l charge
- Cleanroom Wash & Packaging → P.792 Available / Add'l charge
- Change to Stainless Steel Screw → P.790 Available / Add'l charge

● Applicable motors

	Tight Fit	Easy Fit
Servomotor	⊙	○
Stepping Motor	⊙	⊙
General-Purpose Motor	⊙	⊙

⊙: Excellent ○: Very good

● Property

	Tight Fit	Easy Fit
Zero Backlash	○	-
High Torque	⊙	⊙
Allowable Misalignment	○	○
Vibration Absorption	⊙	⊙
Electrical Insulation	⊙	⊙
Assembling	○	⊙
Allowable Operating Temperature	-20°C to 60°C	-20°C to 60°C

⊙: Excellent ○: Very good

● Sleeve Type

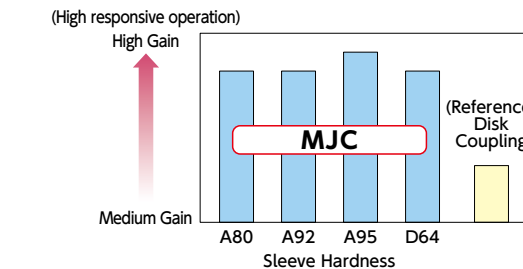
Sleeve Type	Sleeve Hardness (JIS)			
	A80	A92	A98	D64
Tight Fit				
Easy Fit				

Small ← Rated Torque / Max. Torque → Large
Large ← Allowable Misalignment → Small

● Tight Fit

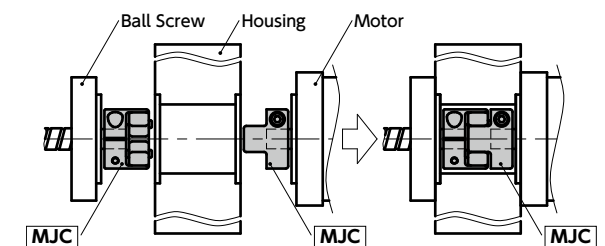
The hub and sleeve are press-fit and can be used under zero backlash*. Since the sleeve's vibration absorption can raise the gain of a servomotor, this unit can achieve high responsive operation exceeding the Disk coupling.

*For the torque used under zero backlash, please refer to dimensional table.



● Easy Fit

This unit allows you to easily assemble and partition the hub and sleeve. This allows you to reduce the time of assembling the unit and maintenance. It is possible to mount a hub on the shaft in advance and easily assemble the unit even in a location where the coupling is less-visible.



● Tight Fit Applications

XY stage / Index table / Machine tool / Injection molding machine

● Easy Fit Applications

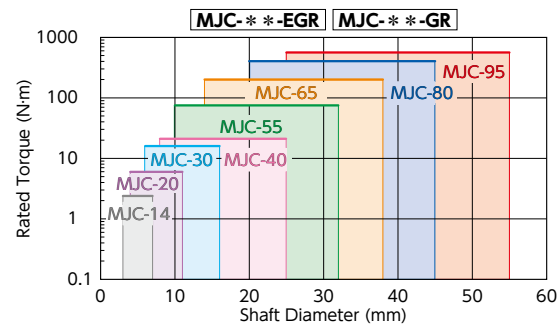
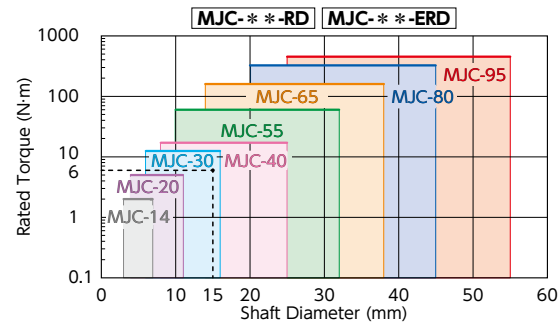
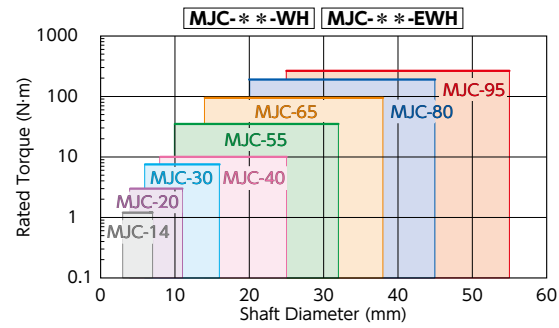
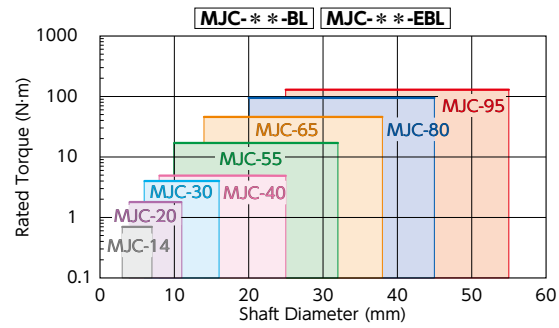
Transport device / Mixer / Ventilator / Pump / Dispenser



Selection

● Selection based on shaft diameter and rated torque

The area bounded by the shaft diameter and rated torque indicates is the selection size.



● Selection Example

In case of selected parameters of shaft diameter of $\phi 15$ and load torque of 6 N·m, the selected size for **MJC-**-RD**, **MJC-**-ERD** is **MJC-30-RD**, **MJC-30-ERD**.

● Selection based on the rated output of the servomotor

Rated Output (W)	Servomotor Specifications			Selection Outside Diameter Size			
	Diameter of Motor Shaft (mm)	Rated Torque (N·m)	Instantaneous Max. Torque (N·m)	MJC-**-BL MJC-**-EBL	MJC-**-WH MJC-**-EWH	MJC-**-RD MJC-**-ERD	MJC-**-GR MJC-**-EGR
10	5 - 6	0.032	0.096	14	14	14	14
20	5 - 6	0.064	0.19	14	14	14	14
30	5 - 7	0.096	0.29	14	14	14	14
50	6 - 8	0.16	0.48	20	20	20	20
100	8	0.32	0.95	20	20	20	20
200	9 - 14	0.64	1.9	30	30	30	30
400	14	1.3	3.8	30	30	30	30
750	16 - 19	2.4	7.2	-	40	40	40

● Motor specifications are based on general values. For details, see the motor manufacturer's catalogs. This is the size for cases where devices such as reduction gears are not used.

● Selection Example

In case of motor specification of shaft diameter of $\phi 9$ and rated torque of 0.64 N·m, the selected size of **MJC-**-BL** is as follows.

- Set Screw Type — **MJC-30-BL**
- Clamping Type — **MJC-30CS-BL**
- Set Screw + Key Type — **MJC-30K-BL**
- Clamping + Key Type — **MJC-30CSK-BL**