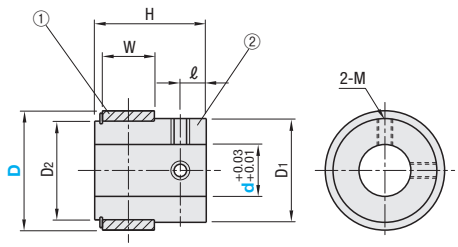
Non-Contact Magnetic Transmission Drives / Non-Contact Magnetic Transmission Drives Economy Type

■Q&A can be viewed regarding the TM Magnets from the URL on the right. http://jp.misumi-ec.com/mech/product/ro/tm.html
■**Features:** Rotational displacement is unlikely to occur even at low-speed rotation.

■Standard Type

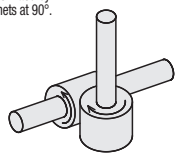
RoHS10

Type		Combined Type	Material ① Magnet Section	Material ② Holder Section	Surface Treatment ① Magnet Section	Surface Treatment ② Holder Section
Standard Type	MDQ	Perpendicular Type	Neodymium Sintered Magnet	A5056	Out-gassing Prevention Treatment	Corrosion Resistant Anodizing
	MDY	Parallel Type				

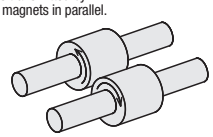


Maximum Rotational Speed: 1500rpm
Operating Temperature: 0 ~ 60°C

Perpendicular Type
Motive force is transmitted by arranging TM magnets at 90°.



Parallel Type
Motive force is transmitted by arranging TM magnets in parallel.



Part Number Type	D	d Selection	D1	D2	H	W	ℓ	M	* Allowable Torque (N·m) Standard Torque MDQ	* Allowable Torque (N·m) Standard Torque MDY	Unit Price
Perpendicular Type MDQ / Parallel Type MDY	16	6 8	13	12	19.5	8	5	M3	0.013	0.032	
	22	8 10 12	18	17	23.5	12			0.050	0.105	
	26	10 12 15	22	20	25.5	14			0.068	0.186	
	35	12 15 20	32	29	34.0	22		M4	0.245	0.558	

⊗Perpendicular Type and Parallel Type cannot be used in combination.
⊗Cannot be combined with other manufacturer's products. Please be sure to order in sets of the compatible product types.
⊗Drives with different diameters cannot be used in combination. Combine the drives of same diameter.

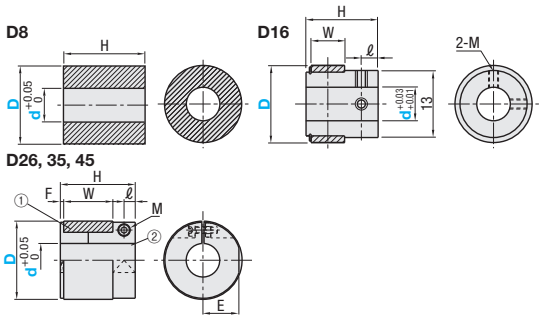
* Allowable Torque values are for reference at 0.5mm gap.

■Features: This type is made of plastic and more economical than the Standard Type. Suitable for use in normal atmosphere. Equivalent allowable torque to the Standard Type.

■Economy Type

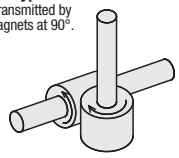
RoHS10

Type		Combined Type	Material ① Magnet Section	Material ② Holder Section	Surface Treatment ① Magnet Section	Surface Treatment ② Holder Section
Economy Type	MEQ	Perpendicular Type	Neodymium Bonded Magnet	Polyacetal (D16:A5056)	Electrostatic Paint	-
	MEY	Parallel Type				

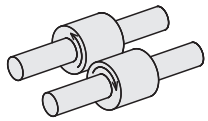


Maximum Rotational Speed: 1500rpm
Operating Temperature: 0 ~ 60°C

Perpendicular Type
Motive force is transmitted by arranging TM magnets at 90°.



Parallel Type
Motive force is transmitted by arranging TM magnets in parallel.



Part Number Type	D	d Selection	H	W	ℓ	Locking Screw (D16: Set Screw) M	Locking Screw (D16: Set Screw) Tightening Torque (N·m)	F	E	* Allowable Torque (N·m) MEQ	* Allowable Torque (N·m) MEY	Unit Price MEQ	Unit Price MEY
Perpendicular Type MEQ / Parallel Type MEY	8	5	8	-	-	-	-	-	-	0.0058	0.0078		
	16	6 8	19.5	8	5	M3	1.5	1.5	-	0.015	0.021		
	26	12 15	25.5	14		M2.5	0.333		11.5	0.098	0.167		
	35	15 20	33.5	22		M3	0.422		16	0.221	0.515		
	45	20	45	30	6.35	M5	0.784	2	20.5	0.804	-		-

⊗Perpendicular Type and Parallel Type cannot be used in combination.
⊗Cannot be combined with other manufacturer's products. Please be sure to order in sets of the compatible product types.
⊗Drives with different diameters cannot be used in combination. Combine the drives of same diameter.
?D diameter 45 is available for Perpendicular Type only.
?D8 does not have the ② holder section. Use adhesive to fix.
?The holder section of D16 is tightened with a set screw. (Set screw included)

* Allowable Torque values are for reference at 0.5mm gap.

Ordering Example

Part Number	-	d
MDQ22	-	8
MEQ35	-	20