



# HYPERFLEX® Coupling (MT·MH)

Two types are available –MT type and MH type  
MT type is a compression stress type, which is compact design with large transmission torque.

MH type is a model uses shearing stress of elastic rubber.

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|---------|---|
| MT Type | <ul style="list-style-type: none"> <li>● Applicable for all kinds of applications.</li> <li>● Compact size with large transmission torque.</li> <li>● Easy-to-install and maintenance-free</li> <li>● The polyurethane elastic body, which features excellent oil and abrasion resistance.</li> </ul> |
| MH Type | <ul style="list-style-type: none"> <li>● High flexibility and excellent shock absorption</li> <li>● Applicable as a torque limiter</li> </ul>   |

## Coupling Product Code (Example)

**MT - G - 85**

Type ———  
Elastic Body: Rubber ——— Size

## Standard Sizes for MT Type

Product Code	Regular Maximum Torque (N.m)		Maximum Revolution Speed (rpm)	Outer Diameter (mm)	Total Length (mm)
	Rubber (G)	Polyurethane(U)			
MT- 50	5.88	7.85	6,000	50	58
MT- 60	9.81	14.7	6,000	60	72
MT- 70	15.7	24.5	6,000	70	75
MT- 85	34.3	49.0	5,500	85	101
MT-100	53.9	78.5	5,500	100	115
MT-125	118	196	4,400	125	147
MT-140	157	245	4,200	140	160
MT-170	314	441	3,800	170	176
MT-185	441	588	3,800	185	193
MT-200	637	883	3,600	200	217
MT-225	980	1370	3,600	225	238

● Use MT type coupling when there is torque variation, forward reverse operation, shock, etc.

## Standard Sizes for MH Type

Product Code	Regular Maximum Torque (N.m)		Maximum Revolution Speed (rpm)	Outer Diameter (mm)	Total Length (mm)
	Standard	Super※1			
MH- 45	0.98	1.96	6,000	45	49
MH- 55	1.96	3.92	6,000	55	57
MH- 65	3.92	6.86	6,000	65	63
MH- 80	8.83	15.7	5,500	80	73
MH- 90	10.8	36.3	5,000	90	83
MH-115	29.4	78.5	4,600	115	113
MH-130	37.3	118.0	4,400	130	123
MH-145	58.8	196.0	4,200	145	133
MH-175	147.0	422.0	3,800	175	163
MH-200	245.0	637.0	3,600	200	223

※1: MH Super type is the one with reinforcement iron core.

● Use MT type coupling when there is torque variation, forward reverse operation, shock, etc.

## Applications

- |                       |                 |                        |                            |
|-----------------------|-----------------|------------------------|----------------------------|
| ● Various pumps       | ● Reducer       | ● Machine tools        | ● Conveyor system          |
| ● Fan                 | ● Speed changer | ● Chemical equipment   | ● Injection molding system |
| ● Blower              | ● Mixer         | ● Wood works machine   | ● Construction machine     |
| ● Compression machine | ● Generator     | ● Textile machine      | ● Car wash machine         |
| ● Compressor          |                 | ● Paper making machine |                            |