

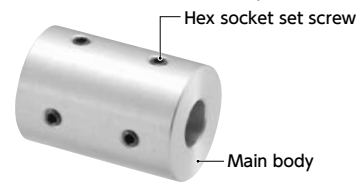
# MRG / MRGS Rigid Couplings

Zero Backlash High torque High Rigidity SUS Stainless steel

## Structure

### Set Screw Type

**MRG** Aluminum alloy → P.xxxx



**MRGS** Made of all stainless steel → P.xxxx



### Clamping Type

**MRG-C** Aluminum alloy → P.xxxx



**MRGS-C** Made of all stainless steel → P.xxxx



### Split Type

**MRG-W** Aluminum alloy → P.xxxx



**MRGS-W** Made of all stainless steel → P.xxxx



### Recommended Applicable Motor

	MRG	MRGS
Servomotor	○	○
Stepping Motor	○	○
General-purpose Motor	●	●

○: Excellent ○: Very good ●: Available

### Property

	MRG	MRGS
Zero Backlash	○	○
High Torque	○	○
High Torsional Stiffness	○	○
Corrosion Resistance (All S.S.)	—	○

○: Excellent ○: Very good

- This is a rigid type coupling.
- Light weight and ultra small moment of inertia. High response. High response.
- There are two types of units made of aluminum alloy or all stainless steel.
- There are three attachment methods: set screw type, clamping type, and split type.

### Application

High precision XY stage / Machine tool / Cleaning equipment

### Material/Finish



	MRG / MRG-C / MRG-W	MRGS / MRGS-C / MRGS-W
Main Body	A2017 Anodized	SUS303
Hex Socket Set Screw	SCM435 Ferroferric Oxide Film (Black)	SUSXM7
Hex Socket Head Cap Screw	SCM435 Ferroferric Oxide Film (Black)	SUSXM7

### Part number specification

## MRG - 16W - 5-6

Product Code    Size    Bore Diameter

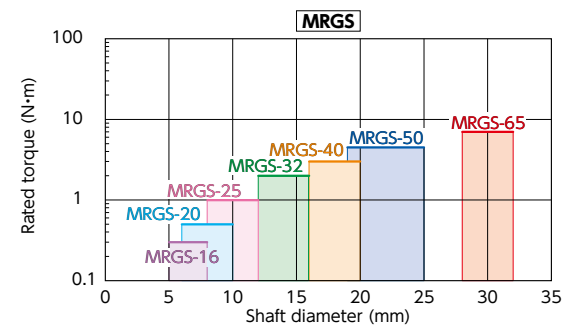
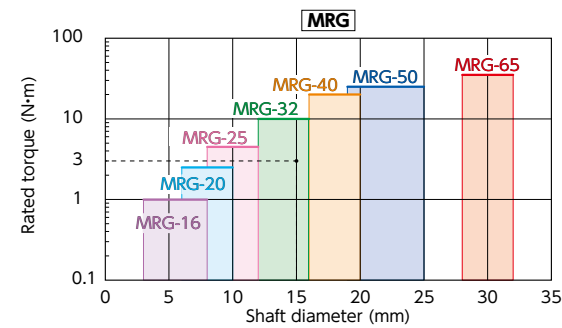
Please refer to the dimensions and performance tables for part number specification.



## Selection

### Selection Based on Shaft Diameter and Rated Torque

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



### Selection Example

In case of selected parameters of shaft diameter of  $\phi$  15 and load torque of 3 N·m, the selected size for **MRG** is **MRG-32**.

Additional Keyway at Shaft Hole → P.xxxx    Cleanroom Wash & Packaging → P.xxxx    Change to Stainless Steel Screw → P.xxxx  
 Available / Add'l charge    Please feel free to contact us    Please feel free to contact us