

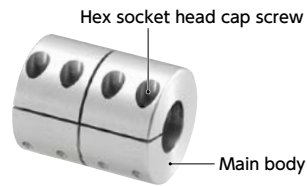
MLR/MLRS Rigid Couplings

Zero Backlash High Rigidity SUS Stainless steel

Structure

Clamping Type

MLR-C Made of aluminum alloy → P.xxxx



MLRS-C Made of all stainless steel → P.xxxx



Semi-split Type

MLR-V Made of aluminum alloy → P.xxxx



MLRS-V Made of all stainless steel → P.xxxx



Recommended Applicable Motor

	MLR	MLRS
Servomotor	○	○
Stepping Motor	○	○
General-purpose Motor	●	●

○: Excellent ○: Very good ●: Available

Property

	MLR	MLRS
Zero Backlash	○	○
High Torque	○	○
High Torsional Stiffness	○	○
Corrosion Resistance (All S.S.)	—	○

○: Excellent ○: Very good

- This is a long type rigid coupling.
- This can also be used as a joint for extending a shaft.
- There are two types of units made of aluminum alloy or stainless steel.
- There are clamping type and semi-split type.

Application

Cleaning equipment / Transport device

Material/Finish

	MLR-C / MLR-V	MLRS-C / MLRS-V
Main Body	A2017 Anodized	SUS303
Hex Socket Head Cap Screw	SCM435 Ferrosferric Oxide Film (Black)	SUSXM7



Semi-split Type

Semi-split type is an attachment method in which one side of the hubs is clamping type and the other side is split type.

While keeping one shaft attached on clamping side, the other shaft can be mounted or removed on split side, thus easier assembling set up.

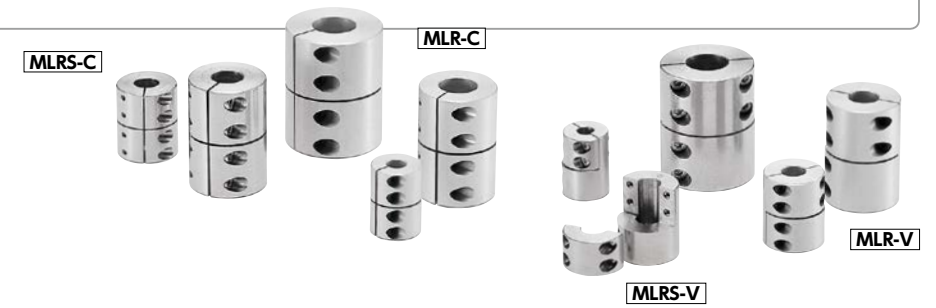


Part number specification

MLR-16V-6-6

Product Code Size Bore Diameter

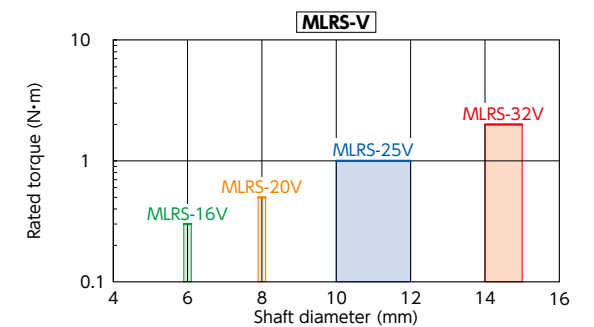
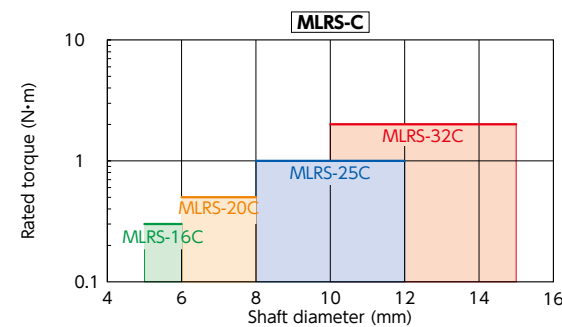
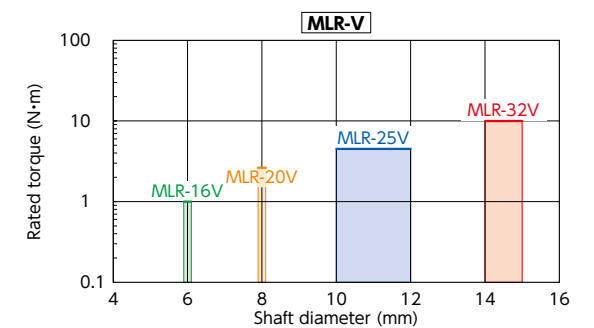
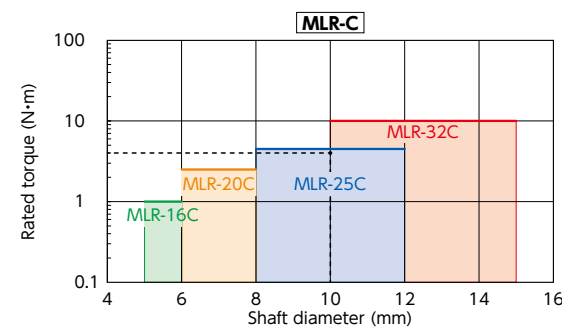
Please refer to dimensional table for part number specification.



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 ϕ 10 and load torque of 4 N·m, the selected size for **MLR-C** is **MLR-25C**.

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