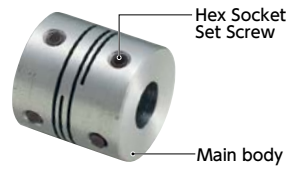


MWS/MWSS Flexible coupling - Slit - type

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Zero Backlash](#)
[SUS Stainless steel](#)

Structure

- Set Screw type → P.122
- MWS Made of aluminum alloy
- MWSS Made of all stainless steel



- Clamping type → P.124
- MWS-C Made of aluminum alloy



● Applicable motors

	MWS	MWSS
Servomotor	-	-
Stepping motor	⊙	⊙
General-purpose motor	⊙	⊙

⊙: Excellent ○: Very good

● Property

	MWS	MWSS
Zero Backlash	⊙	⊙
High Torque	○	○
High Torsional Stiffness	○	○
Corrosion Resistance (All S.S.)	-	⊙

⊙: Excellent ○: Very good

- This is a metal spring coupling with single-piece construction. Slits are made into a cylindrical material.

- A plate spring formed by slits allows angular misalignment, and end-play to be accepted.

- There are two types of units made of aluminum alloy or all stainless steel.

● Application

Transport device/XY stage/Parts feeder

● Material/Finish

RoHS Compliant

	MWS / MWS-C	MWSS / MWSS-C
Main body	A2017 Alumite Treatment	SUS303
Hex Socket Set Screw	SCM435 Ferrosferric oxide film	SUSXM7
Hex Socket Head Cap Screw	SCM435 Ferrosferric oxide film	SUSXM7

● Related Products

The slit-type coupling XWSS SUS316L material, finished with clean washing and clean packaging, which is best suited to FPD and semiconductor manufacturing equipments is available.

→ P.226



● Part number specification

MWS-20C-5-6

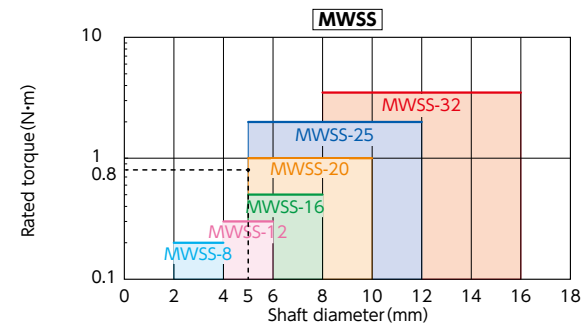
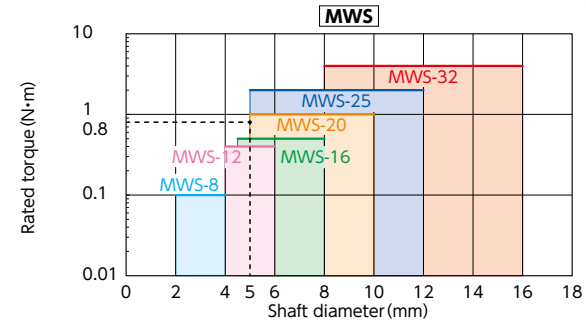
Product Code Size Bore Diameter

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 is the selection size.



● Selection example

In case of selected parameters of shaft diameter of ϕ 5 and load torque of 0.8 N·m, the selected size for

MWS MWSS is MWS-20 MWSS-20.

[Additional Keyway at Shaft Hole → P.788](#)
 Available / Add'l charge

[Cleanroom Wash & Packaging → P.792](#)
 Available / Add'l charge

[SUS Change to Stainless Steel Screw → P.790](#)
 Available / Add'l charge