

MWS / MWSS Flexible Couplings - Slit Type

Zero Backlash SUS Stainless steel

Structure

- Set Screw Type → P.xxxx
MWS Made of aluminum alloy
MWSS Made of all stainless steel



- Clamping Type → P.xxxx
MWS-C Made of aluminum alloy



Recommended Applicable Motor

	MWS	MWSS
Servomotor	●	●
Stepping Motor	◎	◎
General-purpose Motor	●	●

◎: Excellent ○: Very good ●: Available

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. A slit is inserted into a cylindrical material.
- A plate spring formed by a slit 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



	MWS / MWS-C	MWSS / MWSS-C
Main Body	A2017 Anodized	SUS303
Hex Socket Set Screw	SCM435 Ferrosferric Oxide Film (Black)	SUSXM7
Hex Socket Head Cap Screw	SCM435 Ferrosferric Oxide Film (Black)	SUSXM7

Part number specification

MWS-20C-5-6

Product Code Size Bore Diameter

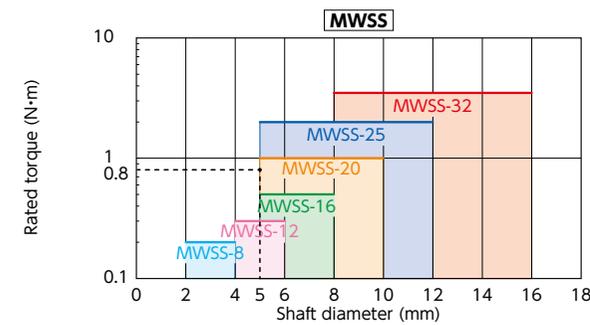
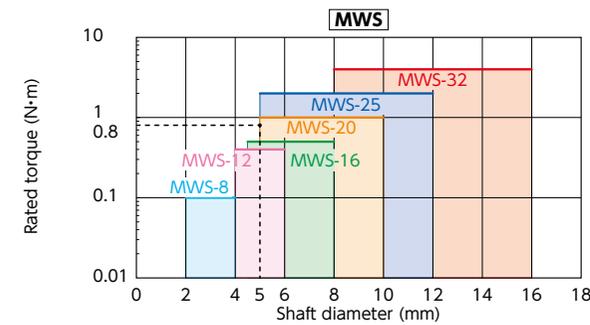
Please refer to dimensional table for part number specification.



Selection

Selection Based on Shaft Diameter and Rated Torque

The area bounded by the shaft diameter and rated torque indicates 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.xxxx Cleanroom Wash & Packaging → P.xxxx Change to Stainless Steel Screw → P.xxxx
 Bore additional modification only/ Add'l charge Please feel free to contact us Please feel free to contact us