

MSXP Cleanroom / Vacuum / Heat Resistant Coupling - Slit - type (PEEK)

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Zero Backlash](#)
[Cleanroom](#)
[Electrical Insulation](#)
[Chemical-proof](#)
[SUS Stainless steel](#)

Structure

- Clamping type
MSXP-C → P.234



Property

	MSXP
Low Particle	◎
Vacuum-supported	○
Less Outgas	○
Heat-resistance	○
Chemical-proof	◎
Zero Backlash	◎
Allowable Misalignment	○
Electrical Insulation	◎
Cleanroom Specification	◎
Allowable Operating Temperature	-20°C to 80°C

◎: Excellent ○: Very good

- This is a resin spring coupling with single-piece construction. A slit is inserted into a cylindrical material.
- It can be used in an environment or cleanroom where heat resistance and chemical resistance are required, such as FPD manufacturing device.
- PEEK superior in physical and chemical properties is adopted. The amount of outgas is ultralow.
- A plate spring formed by a slit allows eccentricity, angular misalignment, and end-play to be accepted.

Application

FPD manufacturing device/Semiconductor manufacturing device

Material/Finish

RoHS Compliant

	MSXP-C
Main body	PEEK (Polyether ether ketone)
Hex Socket Head Cap Screw	PEEK (Polyether ether ketone)

- PEEK's color may vary depending on the lot or other matters.

Related Products

There is a slit-type flexible coupling **MSX** made of extra super duralumin (A7075).
 → P.100



Part number specification

MSXP-25C-6-8

Product Code Size bore diameter

Please refer to dimensional table for part number specification.

[Additional Keyway at Shaft Hole](#) → P.788

[Cleanroom Wash & Packaging](#) → P.792

[Change to Stainless Steel Screw](#) → P.790

Please feel free to contact us

Cleanroom washed and packed

Not Available