

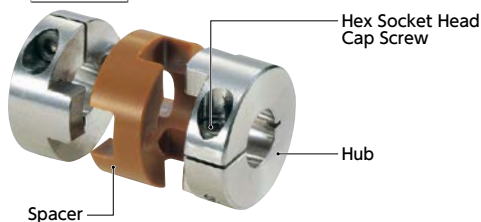
MOHS Cleanroom / Vacuum / Heat Resistant Coupling - Oldham - Type (VESPEL)

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Cleanroom](#)
[Electrical Insulation](#)
[Heat-resistance](#)
[Chemical-proof](#)
[High Allowable Misalignment](#)

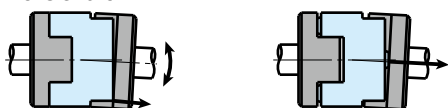
Structure

- clamping type

MOHS-C → P.240



- Spacer's projection structure
Spacer's projection structure allows large angular to be effortlessly accepted. It reduces burden on the shaft.



(Without projection)

(With projection)

In the Oldham-type coupling whose spacer has no projection, the spacer and hubs interfere with each other near outside diameter, so that the max. angular misalignment is small (1° - 1.5°) and that the bending moment arises on the shaft.

NBK's oldham type coupling allows the angular misalignment to be easily accepted since the projection serves as support. Bending moment does not arise. Therefore, the max. angular misalignment is large (2°) and the burden on the shaft is reduced.



- Property

	MOHS
Low Particle	△
Vacuum-supported	◎
Less Outgas	○
Heat-resistance	◎
Chemical-proof	○
Allowable Misalignment	◎
Electrical Insulation	◎
Cleanroom Specification	◎
Allowable Operating Temperature	-20°C to 200°C

◎: Excellent ○: Very good

△: Abrasion powder may be produced

- This is an oldham-type flexible coupling.
- Clean washing and clean packaging are completed.
It can be used in an environment or cleanroom where heat resistance and chemical resistance are required, such as FPD manufacturing device.
- VESPEL SPC5000 is adopted in the spacer.
This is superior in heat resistance and chemical resistance, and the amount of outgas at high temperature is ultralow.
- Slippage of hubs and a spacer allows eccentricity and angular misalignment to be accepted.
- The load on the shaft generated by misalignment is small and the burden on the shaft is reduced.

- Application

FPD manufacturing device/Semiconductor manufacturing device

- Material/Finish

RoHS Compliant

	MOHS-C
Hub	SUS303
Spacer	VESPEL*
Hex Socket Head Cap Screw	SUSXM7 MoS2 Coating

*VESPEL is a registered trademark of U.S. company DuPont.

- The color may vary depending on the lot or other matters.

- Part number specification

MOHS-19C-6-6

Product Code Size bore diameter

Please refer to dimensional table for part number specification.

Additional Keyway at Shaft Hole → P.788

Available / Add'l charge

Cleanroom Wash & Packaging → P.792

Cleanroom washed and packed

Change to Stainless Steel Screw → P.790

Changed to the S.S. screw