

# MOL/MOS Flexible Couplings - Oldham Type

 Electrical Insulation
  High Allowable Misalignment
  Small Eccentric Reaction Force

## Structure

### • Set Screw Type

**MOL** Outside diameter  $\phi 16 - \phi 32 \rightarrow$  P.xxxx

Hex socket set screw



**MOL** Outside diameter  $\phi 40 - \phi 63$



**MOS**  $\rightarrow$  P.xxxx



### • Clamping Type

**MOL-C** Outside diameter  $\phi 16 - \phi 32 \rightarrow$  P.xxxx

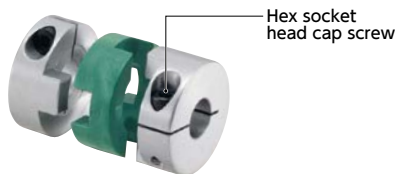
Spacer Hub



**MOL-C** Outside diameter  $\phi 40 - \phi 63$



**MOS-C**  $\rightarrow$  P.xxxx



### • Recommended Applicable Motor

	MOL	MOS
Servomotor	●	●
Stepping Motor	○	○
General-purpose Motor	◎	◎

◎: Excellent ○: Very good ●: Available

### • Property

	MOL	MOS
Allowable Misalignment	◎	◎
Electrical Insulation	◎	◎
Allowable Operating Temperature	-20°C to 80°C	-20°C to 80°C

◎: Excellent ○: Very good

- This is an oldham type flexible coupling.
- Slippage of hubs and a spacer allows large 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.
- It has electrical insulation.
- Standard type **MOL** and short type **MOS** are available.

### • Application

Parts feeder / Transport device

### • Material/Finish




	MOL / MOL-C / MOS / MOS-C
Hub	A2017 Anodized
Spacer	Polyacetal
Hex Socket Set Screw	SCM435 Ferrosferric Oxide Film (Black)
Hex Socket Head Cap Screw	SCM435 Ferrosferric Oxide Film (Black)


### • Part number specification


## MOL-20C-6-8

Product Code    Size    Bore Diameter

Please refer to dimensional table for part number specification.

 Additional Keyway at Shaft Hole  $\rightarrow$  P.xxxx  
 Available / Add'l charge

 Cleanroom Wash & Packaging  $\rightarrow$  P.xxxx  
 Please feel free to contact us

 Change to Stainless Steel Screw  $\rightarrow$  P.xxxx  
 Available / Add'l charge