

# High Friction Shim

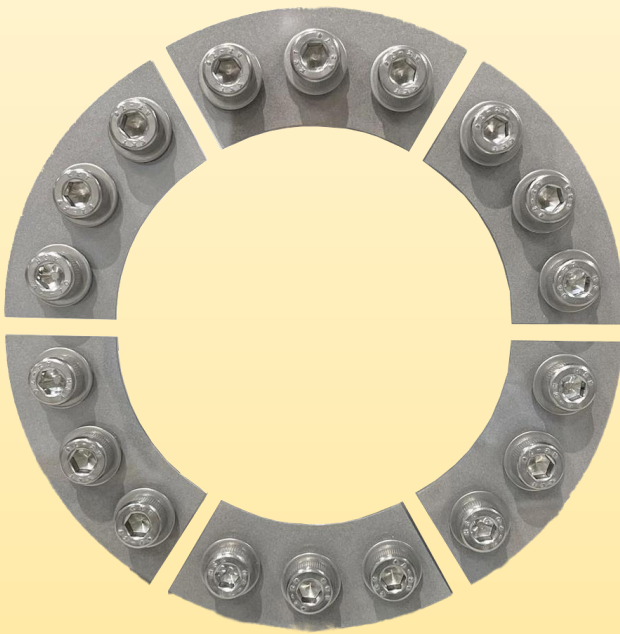
DYMCO, LTD.

Slip resistant

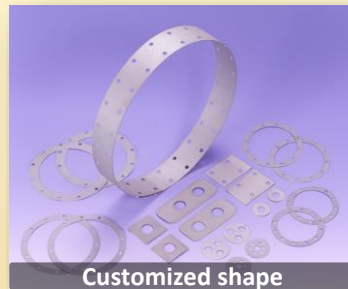
Flexible

light weight

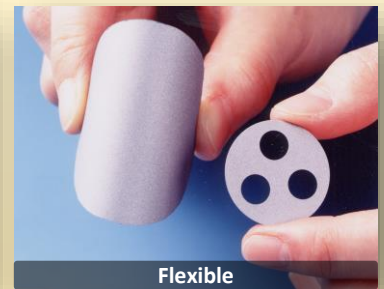
The microscopic hard protrusions **engage with the counter material** exhibiting superior slippage resistance.



Application example



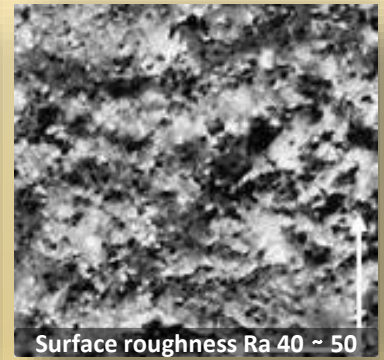
Customized shape



Flexible



High friction pulley



Surface roughness Ra 40 ~ 50

## Features

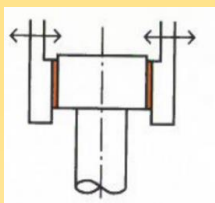
- Available substrate, thickness 0.1mm~1.0mm
- Free design shape
- Flexible and corrosion-resistant
- Applicable to high temperatures and high humidity environments
- Unfastening torque of friction shim engaged bolt is 1.2 times higher than the bolt without friction shim (DYMCO Lab test)

## Material

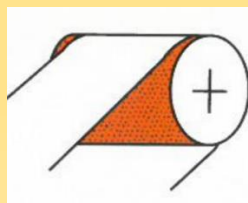
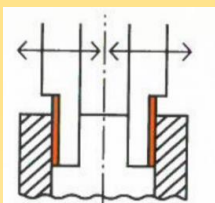
- High tensile stainless steel + Thermal sprayed ultrahard alloy

## Applications

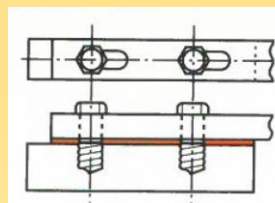
- Robotics joints
- Wind turbine hub components
- High friction pulley
- Aerospace instruments
- Applicable to machined surface



Enhancing grip efficiency



High friction pulley



Enhancing load / torque transmission

