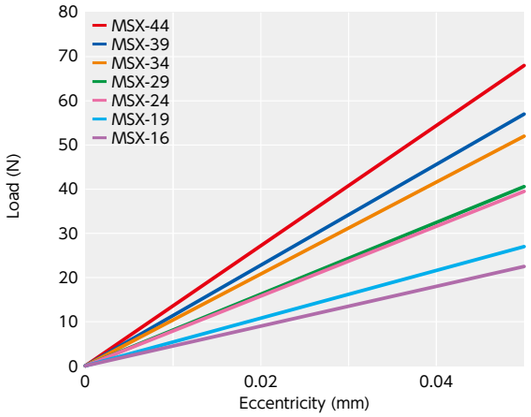
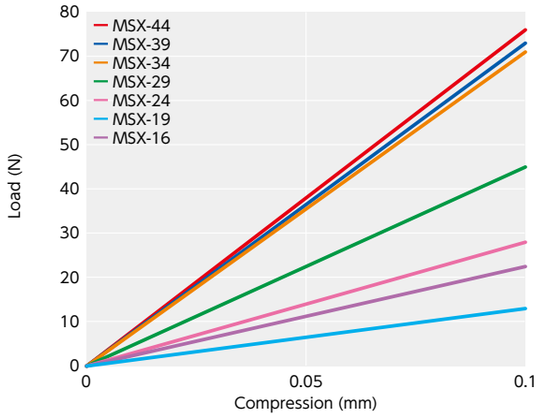
Technical Information

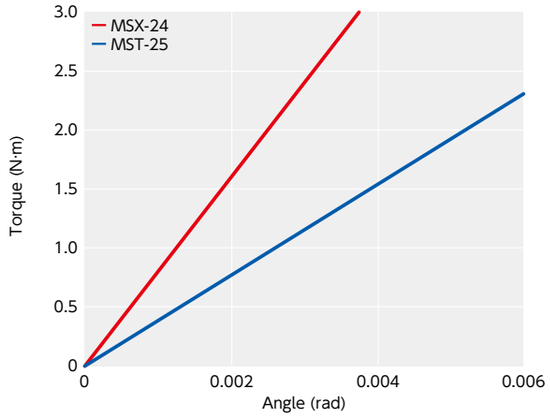
● Eccentric Reaction Force



● Thrust Reaction Force



● Comparison of static torsional stiffness (slit-type)

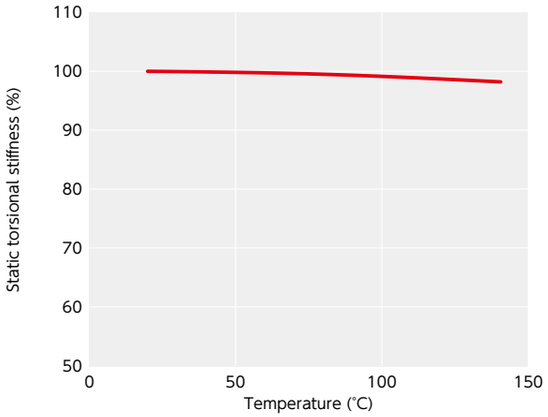


MSX have high static torsional stiffness and responsiveness. Optimal for high-speed and precision positioning for servomotors, etc.

● Slip Torque

For set screw type **MSX**, see Aluminum Alloy Coupling under "Slip Torque of Coupling - Set Screw Type" for details.

● Change in static torsional stiffness due to temperature



This is a value under the condition where the static torsional stiffness at 20℃ is 100%.
The change of **MSX** in torsional stiffness due to temperature is small and the change in responsiveness is extremely small. If the unit is used under higher temperature, be careful about misalignment due to elongation or deflection of the shaft associated with thermal expansion.

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