

# Highly Reliable Low-Cost & Lightweight One-Way Clutch



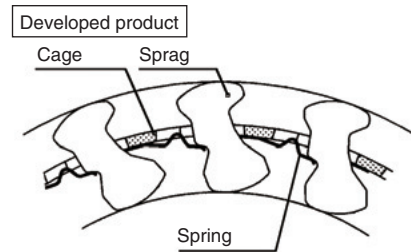
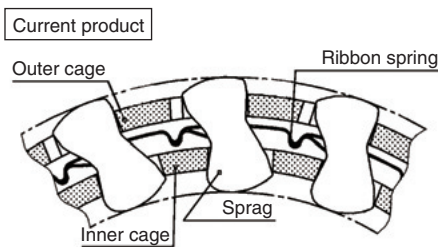
Highly reliable low-cost & lightweight one-way clutch was newly developed as a one-way clutch for torque converter. 20~30% reduction in both cost & mass has been realized compared to current products.

## Features

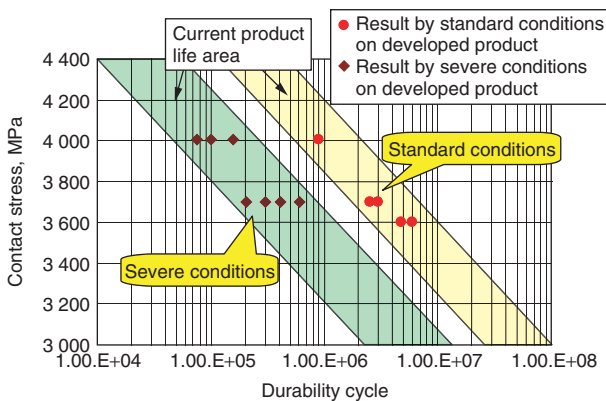
- 1) Highly reliable low-cost & lightweight have been achieved by reducing the number of parts with matured technologies.
- 2) 20~30% reduction in both cost & weight has been realized with the same performance as current products.
- 3) Compatible type with conventional part, possible to mount within the current mounting space.

## Structure

- 1) Simple & Highly reliable design with cage component integration by design optimization.
- 2) Highly reliability has been realized by generating the spring force even with clearance changed between inner ring & outer ring at eccentricity.



## Performance



## Application

· For torque converter

(Automotive Components Engineering Department,  
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**JTEKT CORPORATION**