



# SLC Bearings

Taper roller bearings are commonly used in automotive differentials to support pinion gears. To improve the life of these bearings in this demanding application, NBC developed a SLC Bearing.

LCH, HCV

## Features

- ✓ The special heat treatment develops a hard surface and a tough core in the components
- ✓ SLC bearings have a fatigue and wear resistant surface with a tough, ductile and crack-resistant core
- ✓ Residual compressive stress on the subsurface

## Benefits

- ✓ Improved performance under shock load applications
- ✓ Improved resistance to bending fatigue of bearing and increases bearing's life
- ✓ Improved contamination resistance

## Application

- ✓ Automotive differential & pinion support bearings

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