Transmission Bearings with Retainer Plate

NSK bearings with retainer plate allow an optimal assembly in the vehicle transmission. A perfect alignment between the plate holes and the gearbox housing is ensured through the rotation of the plate on the bearing outer ring. The specially developed clip mechanism enables a smoother rotation than with conventional products using staking technology.

Product Features

• The plate is retained on the bearing by a special clip mechanism using a snap ring
• Retainer plates are available in various shapes and number of holes, depending on the application design and specifications

Benefits

• Rotation of the plate on the bearing outer ring to allow the alignment between the plate holes and the gearbox housing
• Smoother rotation of the bearing on the plate than with products using staking technology
• Withstands cyclic axial loads generated by the gear meshes
• Insertion of the bolts from the rear of the gearbox housing

Condition Description

• Misalignment

Industries

• Automotive

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<thead>
<tr>
<th>Description</th>
<th>Bearing Type</th>
<th>Retainer plate</th>
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<tr>
<td>TM305a4(...)</td>
<td>+</td>
<td>X582-5</td>
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