Outside surface coating of bearing outer ring with *SLICO*TeC

Several years of experience have shown GMN’s customers the advantage of DLC coating on the outside surface of the outer ring. It represents a considerable added value when used with floating bearings.

**Advantages and Characteristics**

- Significantly lower sliding friction of floating bearings
- Prevention of fretting corrosion
- Outside diameter within DIN tolerance
- Optimized thin-film technology guarantees a consistently high level of precision
- Permanent DLC coat on the bearing ring
- No need for additional sliding elements (e.g. ball cage)
- Increased service life due to guaranteed floating bearing function

**Availability**

- The following standard bearings are available on request:
  - Bearing type S, SM, KH
  - Bearing series 60.., 62.., 618.., 619..
  - Contact angle C, E or customer-specific
  - Precision classes P4 / ABEC 7, HG, UP
  - Steel or ceramic balls
  - Sealed, with for-life grease lubrication
  - Open, for oil lubrication
- Coatings of special bearings on request

**Designation examples**

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<tr>
<th>Ball material</th>
<th>Bearing type</th>
<th>Bearing size</th>
<th>Sealing</th>
<th>Contact angle</th>
<th>Cage</th>
<th>Precision</th>
<th>Matching</th>
<th>Grease</th>
<th>Coating</th>
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<td>P4</td>
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