

A slewing bearing mainly consists of one or more inner ring, one or more outer ring, rolling elements (ball and, or roller), spacers, seals, and possibly other components like extra clamping ring, shield ring.

Popular materials to produce a slewing bearing include:

**Slewing bearing (light duty)**

- Inner and outer ring: 52100, 1045, aluminum alloy
- Rolling elements: 52100
- Seals: NBR
- Spacers/cage: steel, brass, PA

**Slewing bearing (heavy duty)**

- Inner and outer ring: 4142, 1053
- Rolling elements: 52100
- Seals: NBR
- Spacers: PA