

# Prefixes and Suffixes

**S F W R0A - ZZS - C5-13 - U3 - LDS18**

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**1 Bearing Material:**

- S: 440C Grade Stainless Steel
- S6: 316 Grade Stainless Steel
- CSN: Si3N4 Silicon Nitride Ceramic
- CZR: ZRO2 Zirconia Ceramic
- No Prefix: AISI 52100 Chrome Steel

**2 Configuration:**

- F: Flanged
- W: Wide Inner Ring
- FW: Flanged with Wide Inner Ring

**3 Basic Bearing Number:**

- MRxxxx...: Usually indicates a metric bearing
- Rxxxx...: Usually indicates an inch sized bearing

**Closures:**

- 2PE: Polyethylene Seals
- 2RS: Contact Nitrile Ribber Seals
- 2RU: Semi Contact Nitrile Rubber Seals
- TTS: PTFE Seals
- ZZ: Metal Shields
- ZZS: Removable Metal Shields

**Plastic Bearings (Open Only)**

- ACE: Acetal Bearing with Glass Balls
- ACE316: Acetal Bearing with Stainless 316 Balls

**5 Internal Radial Clearance:**

- Bearings with < 10mm Bore
- MC1: 0-5 um
- MC2: 3-8um
- MC3: 5-10um
- MC4: 8-13um
- MC5: 13-20um
- MC6: 20-28um
- CX-Y: X-Yum (eg C8-13 = 8-13um)

**Bearings with 10mm Bore or greater**

Use standard ISO scale C2, CN, C3, C4 and C5

**6 Country of Origin: (Not always shown)**

- j: Japan
- u: USA
- gr: Germany
- s: Switzerland
- E: Other European

**Precision Grade:**

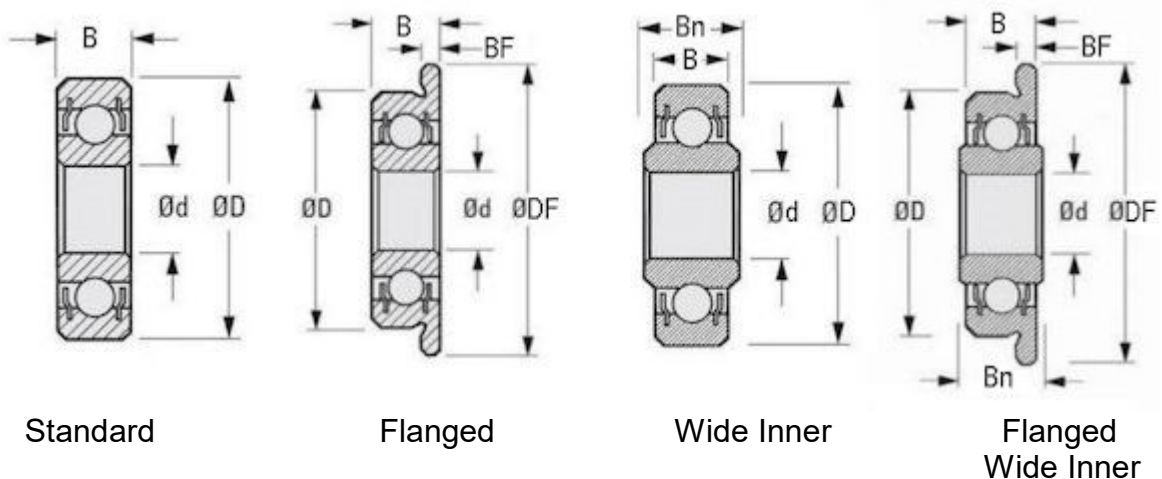
- No Suffix: Abec 1
- 3: Abec 3            5: Abec 5            7: Abec 7
- P6: ISO P6        P5: ISO P5            P4: ISO P4
- ECO: Economy Bearings

**8 Lubrication:**

- Lxxx: Oil Lubrication (Refer MBA)
- Gxxx: Grease Lubrication (Refer MBA)

These are just some of the most commonly used suffixes. Please refer to MBA for information on suffixes not listed.

## Diagrams



Only the most common diagrams are shown. Other types are also listed in this catalogue.