# Part Numbering System

**EXAMPLE:** SSRI-418ZZEERA7P25LO  
RIF-1438FA7P13LG49U

<table>
<thead>
<tr>
<th>GROUP 1</th>
<th>GROUP 2</th>
<th>GROUP 3</th>
<th>GROUP 4</th>
<th>GROUP 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATERIAL</td>
<td>TYPE</td>
<td>BASIC SIZE</td>
<td>SEAL &amp; SHIELDS</td>
<td>MODIFICATIONS</td>
</tr>
<tr>
<td>SS</td>
<td>RI</td>
<td>1214</td>
<td>ZZ</td>
<td>EE</td>
</tr>
<tr>
<td></td>
<td>RIF</td>
<td>18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **SS** = AISI Stainless Steel (440C)
- **No Code** = Chrome alloy steel (52100)
- **CER** = Ceramic (Si₃N₄) Ball with Stainless Steel rings
- **CER-CER** = All Ceramic (Si₃N₄) Rings and Balls
- **MP35N** = Cobalt Based Alloy Rings with Ceramic (Si₃N₄) Balls

- **RI** = RADIAL
- **RIF** = Flange radial
- **F** = Flanged, tapered O.D.
- **FR** = Duplex pair with one flanged and one unflanged bearing
- **ACI** = Inner ring relieved and separable
- **ACO** = Outer ring relieved, and non-separable

**Inch Series**
- First one or two digits indicates O.D. in 16ths of an inch. The following two or three digits indicate the bore size in a fraction of an inch, the first digit being the numerator and the second of the second and third digits being the denominator.

**Metric Series**
- First two digits indicate O.D. in mm. Second two digits indicate I.D. in mm.

**Enclosures**
- **Z** = Single metallic shield-removable
- **ZZ** = Double metallic shield-removable
- **RS** = Single rubber seal
- **2RS** = Double rubber seal
- **V** = Single viton seal
- **VV** = Double viton seal
- **L** = Single glass reinforced PTFE seal
- **2L** = Glass reinforced PTFE seal(s), lip riding

**GROUP 6**
- **DUPLEX PAIRS**
- **GROUP 7**
- **GROUP 8**
- **GROUP 9**
- **GROUP 10**

- **H**
- **F**

**Duplex**
- **DB** = Back-to-back configuration
- **DF** = Face-to-face configuration
- **DT** = Tandem configuration
- **DU** = Universal duplex

- **F** = Full ball complement
- **H** = Crown, land piloted
- **K** = Phenolic, linen base
- **RU** = Rulon
- **M** = Meldon
- **N** = Nylon
- **T** = Torlon
- **TF** = Teflon

- **A1** = ABEC 1*
- **A3** = ABEC 3, 3P
- **A5** = ABEC 5, 5P, 5T
- **A7** = ABEC 7, 7P, 7T
- **A9** = ABEC 9, 9P
- **P** = Followed by two, three, or four numbers indicates the radial play limits in ten thousandths of an inch.

**Example:** P25 indicates radial play of .002” to .0005”.

**GROUP 10**
- **LUBRICANT**
- **LO**
- **LG**
- **LB**
- **DL**
- **LO2**
- **LG49**
- **BC**
- **L**
- **D**
- **O**

**IMPORTANT NOTE:**
Please consult a member of the Impact Bearing Engineering Staff to help custom and design bearings.