Urethane Molded Bearings

**Inner Wheel Protruded**

- **For Light Load**
  - UMRW (Both Sides Protruded)
  - UMRV (One Side Protruded)

- **For Heavy Load**
  - UMRHW (Both Sides Protruded)
  - UMRHV (One Side Protruded)

Operating Temperature Range: -20°C~40°C

---

Urethane Press-Fit Bearings

**Features:**

- Can be purchased at low price and quick delivery as compared to conventional Molded Bearings.

---

**Part Number**

- **Type**
  - D

- **D**

- **Unit Price**

---

**Features:**

- As the bearing inner rings protrude, there is no need to combine stepped shafts or collars for mounting.

---

**Material:**

- Polyurethane (Black)

---

**Shield:**

- Steel

---

**Urethane Molded Bearings Shafts included on P.995 are also not available.**

---

For bearing detailed dimensions, see P.989

---

Magnitude of the force to peel Urethane from bearing

<table>
<thead>
<tr>
<th>Rotation direction</th>
<th>Cross direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
<td>Case study</td>
</tr>
</tbody>
</table>

---

**Measurement Method:**

- **C-UMBB**

---

**Application Direction:**

- Sideways
- Top
- Bottom
- Slanting

---

**Recommended Product:**

- Press-Fit Bearing
- Lightweight: Press-Fit Bearing

---

**Material:**

- Polyurethane (Black)

---

**Example of Combination Use:**

- Example 1
- Example 2

---

**Note:**

- For bearings with inner rings protruding, there is no need to combine stepped shafts or collars for mounting.

---

**Operating Temperature Range:** -20°C~40°C

---

**Features:**

- Though it excels in oil resistance, applying solvents may cause swelling and reduction in strength.

---

**Example:**

- Example 1
- Example 2

---

**Warning:**

- Beware that if it is applied from top, side and bottom, if there is unbalanced load due to mounting accuracy or backlash of work, or when used in high rotation, Urethane of the Press-Fit Bearing may come off.

---

**Contact:**

- MISUMI Indonesia offices.