Bearing Nuts / Toothed Lock Washers for Bearings

- A set of a nut and a special washer, the standard components to secure bearings.

<table>
<thead>
<tr>
<th>Type No.</th>
<th>MxPitch</th>
<th>M</th>
<th>D1</th>
<th>D2</th>
<th>B</th>
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<th>T</th>
<th>S</th>
<th>H</th>
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</table>

**Hard Locking Bearing Nuts / Fine U Nuts**

- Hard Locking Bearing Nuts
- Fine U Nut

**Precautions for Use**
- Use lubricant when threading in and out.
- Not usable with high speed impact wrenches.
- Screwing in from the friction ring side is impossible.
- Not usable on machined thread portion of shafts (keyway, etc.).

**Mounting Procedure**

1. Assemble a bearing onto a rotary shaft.
2. Fold the tooth lock washer tab (S1) to fit the groove (Keyway) on the thread of a rotary motion.
3. Tighten the bearing nut.

- These 2 items are common parts for securing bearings.
- Vertical groove (Keyway) on the thread of a rotary shaft.
- Not usable when the deflection of friction rings or clamp part occurs.
- Screwing in from the friction ring side is impossible.
- Not usable on machined thread portion of shafts (keyway, etc.).

**Bearing Nuts and Toothed Lock Washers**
- These 2 items are common parts for securing bearings.
- Not locking can be prevented by reaching a vertical groove (Keyway) on the thread of a rotary shaft, by tightening the nut to the shaft with the toothed lock washer.

- **Part Number**
  - MxPitch (Fine) D1 D2 B d T S H h

**Perpendicularity of End Face (Max.)**

- M
  - ±0.3

- M12~50
  - ±0.5

- M10~50
  - ±1.0

**Precedural for Use**
- When used for tightening the nut, the prevailing torque can be applied more than the prevailing torque even when tightened with less or more prevailing torque.

**Precedural with Conventional Products**
- Unlike standard bearing nut sets, no keyway machining is required for toothed washers and shafts.