### Features:
- Auto-tensioner for roller and idler. It can be easily installed and adjusted by spanner or wrench.
- For orders larger than indicated quantity, please check with WOS.

### How to Mount
1. Select the required spring force and mount the spring. Adjust the amount of deflection with the adjustment screw.
2. Mount the Roller (Idler) and temporarily fasten the main body on the chassis.
3. Apply tension to the Roller (Idler), and tightly mount the main body. Loosen the bolt.

### Belt Tensioners - Spring-Loaded

#### Parts List

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE d</td>
<td>1~10 pcs.</td>
</tr>
<tr>
<td>ROBAJ</td>
<td>10</td>
</tr>
<tr>
<td>20</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

#### Mounting Block
- Material: 51780 Carbon Steel
- Thickness: 70mm

#### Mounting Plate
- Material: Sandvik SPH 304 Stainless Steel
- Thickness: 30mm

#### Chassis
- Material: 52100 Bearing Steel
- Thickness: 25mm

#### Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
<th>Surface Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bearing Block</td>
<td>1018 Carbon Steel</td>
<td>Electroless Nickel Plating - Hard Chrome Plating</td>
</tr>
<tr>
<td>Mounting Block</td>
<td>51780 Carbon Steel</td>
<td>-</td>
</tr>
<tr>
<td>Mounting Plate</td>
<td>Sandvik SPH 304 Stainless Steel</td>
<td>-</td>
</tr>
<tr>
<td>Chassis</td>
<td>52100 Bearing Steel</td>
<td>-</td>
</tr>
<tr>
<td>Shaft</td>
<td>Stainless Steel</td>
<td>-</td>
</tr>
<tr>
<td>Spring</td>
<td>Stainless Steel</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Spring Details
- 3 types of springs are included in the shipment.
- a: WL13-80
  - Spring Constant: 1.0N/mm
  - Fmax: 32mm
  - Set Deflection Amount: 25mm
  - 1.0x25x2 (pcs.)
  - 1.0/9.8 = 5.1kg
- b: WT13-80
  - Spring Constant: 2.0N/mm
  - Fmax: 32mm
  - Set Deflection Amount: 25mm
  - 2.0x25x2 (pcs.)
  - 2.0/9.8 = 10.2kg
- c: WM13-80
  - Spring Constant: 2.9N/mm
  - Fmax: 32mm
  - Set Deflection Amount: 25mm
  - 2.9x25x2 (pcs.)
  - 2.9/9.8 = 14.8kg

For other Spring details, see WOS 2-345.

* 3 types of Springs are included in the shipment.

#### Dimensions

**View from direction A**

**View from direction B**

**Configure Online**