## Idler Pulleys –Timing Belt–

MISUMI’s Idler Pulleys have integral ball bearings for smooth and quiet operation. Choose from aluminum and steel idlers. The Pulleys can be shipped with flanges swaged to hubs, or separately.

### Technical Information

#### Number of Teeth | Compatible Belt Type | No. | Qty. | d | D | B | Retaining Ring
--- | --- | --- | --- | --- | --- | --- | ---
40 | MXL025 | R42Z | 1 | 0.250 | 0.625 | 0.196 | JS B 3804 F16
40 | MXL037 | R42Z | 1 | 0.250 | 0.625 | 0.196 | JS B 3804 F16
18 | XL925 | R442Z | 1 | 0.250 | 0.750 | 0.281 | JS B 3804 F20
18 | XL833 | R442Z | 1 | 0.250 | 0.750 | 0.281 | JS B 3804 F20
22 | XL837 | R620Z | 1 | 0.375 | 0.875 | 0.281 | JS B 3804 F24
22 | XL837 | R620Z | 1 | 0.375 | 0.875 | 0.281 | JS B 3804 F24
25 | XL837 | R620Z | 1 | 0.500 | 1.125 | 0.313 | JS B 3804 F30
25 | XL850 | R620Z | 1 | 0.500 | 1.125 | 0.313 | JS B 3804 F30
16 | LS60 | R620Z | 1 | 0.250 | 1.125 | 0.313 | JS B 3804 F30
16 | LS60 | R620Z | 1 | 0.250 | 1.125 | 0.313 | JS B 3804 F30
18 | LS85 | R102Z | 1 | 0.625 | 1.375 | 0.344 | JS B 3804 F35
18 | LS75 | R102Z | 1 | 0.625 | 1.375 | 0.344 | JS B 3804 F35
18 | LS75 | R102Z | 1 | 0.625 | 1.375 | 0.344 | JS B 3804 F35
16 | L100 | R102Z | 2 | 0.625 | 1.375 | 0.344 | JS B 3804 F35
16 | H100 | R102Z | 2 | 0.750 | 1.825 | 0.406 | JS B 3804 F42
16 | H200 | R102Z | 2 | 0.750 | 1.825 | 0.406 | JS B 3804 F42

*JIS is Japanese Industrial Standards.

#### Standard

<table>
<thead>
<tr>
<th>No.</th>
<th>Matching</th>
<th>Belt Price (Unit: ¥1000)</th>
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</thead>
<tbody>
<tr>
<td>46</td>
<td>MXL025</td>
<td>32.20 34.80</td>
</tr>
<tr>
<td>40</td>
<td>MXL037</td>
<td>32.20 34.80</td>
</tr>
<tr>
<td>18</td>
<td>XL925</td>
<td>32.20 34.80</td>
</tr>
<tr>
<td>18</td>
<td>XL833</td>
<td>32.20 34.80</td>
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<tr>
<td>22</td>
<td>XL837</td>
<td>35.80 41.40</td>
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<td>22</td>
<td>XL850</td>
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<tr>
<td>16</td>
<td>LS60</td>
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<td>LS75</td>
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<tr>
<td>16</td>
<td>L100</td>
<td>38.80 44.60</td>
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<tr>
<td>16</td>
<td>H100</td>
<td>42.60 49.40</td>
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<tr>
<td>16</td>
<td>H200</td>
<td>56.60 63.40</td>
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### Optional Modification

#### Disassembled Flanges

<table>
<thead>
<tr>
<th>Detail</th>
<th>Price Adder</th>
<th>Free of Charge</th>
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<tbody>
<tr>
<td>Ships the flanges disassembled.</td>
<td>✓</td>
<td></td>
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#### Optional Modification

When using Optional Modification, add the ‘Price Adder’ to the standard ‘Unit Price’. Make sure to use idler pulleys on the low tension side. Install this flanged idler as close as possible to the larger pulley.

### Example

- Driving Pulley
- Idler Pulley
- Driving Pulley

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#### Material and Heat Treatment

<table>
<thead>
<tr>
<th>Material</th>
<th>Heat Treatment</th>
<th>Surface Treatment</th>
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<tbody>
<tr>
<td>Aluminum</td>
<td>Clear Anodizing</td>
<td>U-AATF</td>
</tr>
<tr>
<td>Steel</td>
<td>Electroless Nickel Plating</td>
<td>U-MATF</td>
</tr>
</tbody>
</table>

### Dimensions

- **Material Dimensions:** P. 303, 829
- **D**: 1.750
- **W**: 0.250
- **B**: 0.196
- **D**: 0.196

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**How to Use the Catalog**

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- Linear Nuts
- Linear Ballscrews
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**Express Options**

<table>
<thead>
<tr>
<th>Type</th>
<th>P.30</th>
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<tbody>
<tr>
<td>NFC</td>
<td>ETA</td>
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