### Open-Ended “M”

**Specifications**

<table>
<thead>
<tr>
<th>Widths (mm)</th>
<th>10</th>
<th>12</th>
<th>16</th>
<th>20</th>
<th>25</th>
<th>30</th>
<th>50</th>
<th>75</th>
<th>100</th>
<th>150</th>
</tr>
</thead>
</table>

**Lengths**

Any lengths available - Stock rolls 50 meters

**Available Options**

- Nylon coating tooth side (PAZ), Nylon backing (PAR),
- Nylon both sides (PAZ-PAR), Polyurethane cover (T-cover),
- Extra thickness (DR), Double sided (DL)

**Tension Member Options**

| Steel standard |
| Hi-flex steel |
| VA301 Stainless steel |
| VA316 Hi-flex Stainless steel |
| Kevlar® |

**Widths (mm)**

In between widths available

**Spliced and Welded “V”**

**Specifications**

<table>
<thead>
<tr>
<th>Widths (mm)</th>
<th>20</th>
<th>25</th>
<th>32</th>
<th>50</th>
<th>75</th>
<th>100</th>
<th>150</th>
</tr>
</thead>
</table>

**Min. Joined Length (mm)**

400
500

**Available Options**

- Nylon coating tooth side (PAZ), Nylon backing (PAR),
- Nylon both sides (PAZ-PAR), Polyurethane cover (T-Cover),
- Extra thickness (DR), Double sided (DL)

**Tension Member Options**

| Steel standard |
| Hi-flex steel |
| VA301 Stainless steel |
| VA316 Hi-flex Stainless steel |
| Kevlar® |

**Product Performance**

<table>
<thead>
<tr>
<th>Power Transmission</th>
<th>Rotational Speed</th>
<th>Peripheral Speed</th>
<th>Synchronous Pulley</th>
<th>Applications (Example)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(\leq 70 \text{ kW})</td>
<td>ca. 10000 min(^{-1})</td>
<td>ca. 60 ms(^{-1})</td>
<td>(ab z=15)</td>
<td>Construction machines, pumps, paper-making machines, compressors, textile machines, roller-table drives</td>
</tr>
</tbody>
</table>

**Specifications**

<table>
<thead>
<tr>
<th>Timing Belt</th>
<th>Pitch (mm)</th>
<th>Code</th>
<th>Ultimate Tensile Strength (N/10mm belt width)</th>
<th>Maximum Allowable Tensile Strength (N/10mm belt width)</th>
<th>Specific Belt Stiffness Steel Reinforced (per 10mm belt width, steel reinforced)</th>
<th>Specific Belt Mass (per 10mm belt width, steel reinforced)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT-Series</td>
<td>AT10</td>
<td>M</td>
<td>6800</td>
<td>1700</td>
<td>4.25 x 10^9 N</td>
<td>0.058 kg/m</td>
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<tr>
<td></td>
<td>V</td>
<td></td>
<td>-</td>
<td>850</td>
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</table>

**Minimum Number of Pulley Teeth and Idler Diameter**

<table>
<thead>
<tr>
<th>Pitch (mm)</th>
<th>Min. # of Pulley Teeth (no back bending)</th>
<th>Min. # of Pulley Teeth (with back bending)</th>
<th>Min. Diameter of Flat Idler running on tooth side (mm)</th>
<th>Min. Diameter of Flat Idler running on belt back (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT10</td>
<td>15</td>
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</table>

**Standard Material**

- Up to 700 mm: TPUST3
- From 700 mm: TPUST1®

**Ordering Example:** Polyurethane Timing Belt

```
[WIDTH] [PITCH] / [LENGTH] [CONSTRUCTION]
50 AT10 / 5000 M
```
## Stock Pulleys

<table>
<thead>
<tr>
<th>Tooth Type</th>
<th>Number of Teeth</th>
<th>Outside Diameter</th>
<th>Pitch Circle Diameter</th>
<th>Face Width</th>
<th>Pilot Bore</th>
<th>Part Number</th>
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<tr>
<td>AT10</td>
<td>z</td>
<td>d₁ (mm)</td>
<td>d₂ (mm)</td>
<td>B (mm)</td>
<td>d₃ (mm)</td>
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**Ordering Example:** Stock Pulleys

```plaintext
[PART NUMBER] [MATERIAL] [WIDTH OVER HUB] [PITCH] / [NUMBER OF TEETH] [NUMBER OF FLANGES] [HUB DIAMETER] [HUB WIDTH]
LS 70 AT10 / 48 - 0 hub 95 x 10
```