### Positioning Stages

#### [High Precision] Linear Ball Guide Stages

**X-Axis High Load Capacity Slim**

Features: Compact stages with ±12.5~±25mm strokes.

**Micrometer Head**

- **XSGL40**
  - Feed Screw: XSGL40 (Lead 1.0)
  - Travel per Rotation: ±12.5mm

**Feed Screw**

- XSGL60 (Lead 1.0)
  - Travel per Rotation: ±25mm

**Micrometer Head Resolution:** 10 µm/division

**Surface Treatment**

- Stainless Steel
- 440C Stainless

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Load Capacity (N)</th>
<th>Travel Accuracy (µm)</th>
<th>Moment Capacity (N•m)</th>
<th>Moment Rigidity (°/N•cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XSGL40</td>
<td>32</td>
<td>3.5</td>
<td>4.5</td>
<td>5</td>
</tr>
<tr>
<td>XSGL60</td>
<td>80</td>
<td>3.5</td>
<td>50</td>
<td>8</td>
</tr>
</tbody>
</table>

**Part Number Example**

- XSGL40
- XSGL60

**Part Number Alternatives**

- XR
- A

**Accessories (4 pcs.)**

- 4-M3 Depth 4
- 14-M3 Depth 4

**Performance**

- Travel per Rotation: Small (70%), Medium (30%), Large (10%)
- Load Capacity: Light, Medium, Heavy
- Travel Accuracy: +3 µm, 10 µm

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### [High Precision] Cross Roller

**X-Axis Stages**

**Mounting Hole Dimensions of the Top Table**

- A25
- A40
- A60
- A100
- A120

**Material:** Aluminum Alloy

**Surface Treatment:** Shot Peening

**Performance**

- Travel per Rotation: Small (70%), Medium (30%), Large (10%)
- Load Capacity: Light, Medium, Heavy
- Travel Accuracy: +3 µm, 10 µm

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### Availability

- Micrometer Head Positions
- No Micrometer Head

**Altimeters**

- Side Mount - Right / Left Reversed
- Center Mount - Reversed

**Check out misumiusa.com for the most current pricing and lead time.**

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2040

There's more on the web: misumiusa.com

2041

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