Manual Positioning Slides

These slides provide smooth repeatable positioning, of instrumentation, tooling and equipment, via a ridged slide mounting arrangement. The extremely robust construction, including oversized guide rails and high PV bearings allow mounting in virtually any position. (Horizontal, vertical, side mount and body mount.). Cantilevered and end supported gantry type mounting is also possible with little or no concern for deflections. Standard options include Hand-wheel choices, position locks, Engraved dials, and digital position indicators. Use GENERIC SLIDES – Quality Manual positioning slides as an effective and cost efficient solution to your instrumentation, processing, manufacturing and automation system needs.

Applications Include:
- Optics adjustments
- Laser positioning
- Positioning label dispensing equipment
- Positioning marking equipment
- Non-destructive testing
- Fixturing tooling and part locating nests
- Part scanning
- Automatic screw drivers
- Insertion equipment
- Fluid dispensing equipment
- Water-jet cutting
- Routing, drilling and milling spindles and tooling
- Automation devices

Features:
- Travels to 216” inches
- Table widths to 1.75” to 24”
- Delicate to course adjustments
- Heavy payloads
- Smooth motion
- X-Y Tables
- X-Y –Z Multi-Axis units

Construction:
- Position lock
- Rolled thread drive screw
- Adjustable backlash drive screw nut
- Heavy section HardCote™
- Radically oversized guide rails
- High PV composite bearings

Standard Options:
- Engraved position dials
- Digital positional indicators
- X-Y Tables
- X-Y –Z Multi-Axis units
- Longer Travel Units
- Custom Table Sizes
- Custom Mounting Holes
MS Series Linear Slide Table

MS Series - Slide Table Dimensions

<table>
<thead>
<tr>
<th>Series</th>
<th>&quot;L&quot;</th>
<th>&quot;TRAVEL RANGE&quot;</th>
<th>&quot;W&quot;</th>
<th>&quot;W1&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;D&quot;</th>
<th>&quot;N1&quot;</th>
<th>&quot;S1&quot;</th>
<th>&quot;N2&quot;</th>
<th>&quot;S2&quot;</th>
<th>PDF</th>
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</thead>
<tbody>
<tr>
<td>MS200</td>
<td>3.0+T</td>
<td>2.00 - 20.00</td>
<td>2.00</td>
<td>NA</td>
<td>1.08</td>
<td>.500</td>
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<td>4</td>
<td>1/4 - 20</td>
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<tr>
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<td>1.00 - 24.00</td>
<td>3.15</td>
<td>NA</td>
<td>1.57</td>
<td>.750</td>
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<td>5/16</td>
<td>4</td>
<td>1/4 - 20</td>
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<tr>
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<td>6.50+T</td>
<td>1.00 - 36.00</td>
<td>4.00</td>
<td>NA</td>
<td>2.13</td>
<td>1.125</td>
<td>4</td>
<td>3/8</td>
<td>4</td>
<td>5/16 - 18</td>
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<tr>
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<td>6.00</td>
<td>NA</td>
<td>2.06</td>
<td>1.250</td>
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<td>5/16 - 18</td>
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<tr>
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<td>8.50</td>
<td>3.75</td>
<td>2.000</td>
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<td>3/8 - 16</td>
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<tr>
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<td>12.00</td>
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<td>4.00</td>
<td>2.000</td>
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<td>8</td>
<td>3/8 - 16</td>
<td></td>
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<tr>
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<td>3/8 - 16</td>
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</table>
# How to Order

## Example

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Series</th>
<th>X-Travel</th>
<th>Material Option</th>
<th>Other Options</th>
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</thead>
<tbody>
<tr>
<td>MS600</td>
<td>MS</td>
<td>8</td>
<td>AL</td>
<td>S3</td>
</tr>
</tbody>
</table>

- **MS600 series slide**: 8" travel on X-Axis
- **Material Options**:
  - **AL**: Hardcoat Aluminum construction (standard on MS series slides)
- **Other Options**:
  - **S3**: 1/2-20 UNF drive screw (standard on MS series slides)

### Series and X-Travel

- **BS45**: 1" to 18"
- **MS200**: 1" to 20"
- **MS315**: 1" to 24"
- **MS400**: 1" to 36"
- **MS600**: 1" to 72"
- **MS850**: 1" to 144"
- **MS1000**: 1" to 240"
- **MS1200**: 1" to 240"
- **MS1600**: 1" to 240"
- **UD-2**: 1" to 16"
- **UD-3**: 1" to 24"
- **UD-4**: 1" to 36"
- **UD-6**: 1" to 36"
- **UD-8**: 1" to 36"
- **UD-10**: 1" to 36"
- **UD-12**: 1" to 36"
- **UD-14**: 1" to 36"
- **UD-16**: 1" to 36"
- **UD-18**: 1" to 36"
- **UD-20**: 1" to 36"
- **UD-24**: 1" to 24"

### Material Options

- **ST**: Steel
- **AL**: Hardcoat Aluminum
- **D**: Darin
- **Q**: Cast Iron
- **SST**: Stainless Steel
- **QM**: Custom Material

### Other Options

- **NS**: 1/8" drive screw
- **S1**: 1/8-32 UNF drive screw
- **S2**: 1/4-20 UNC drive screw
- **S3**: 1/2-20 UNF drive screw
- **S4**: 1/8-13 UNC drive screw
- **S5**: 5/8-10 Acme drive screw
- **S6**: 3/4-5 Acme drive screw
- **S7**: 3/4-10 Acme drive screw
- **S8**: 1.0-5 Acme drive screw
- **S9**: 1.0-10 Acme drive screw
- **CS**: Custom Screw - (provide description)
- **HD1.5**: 1.5" Handwheel
- **HD2**: 2" Handwheel
- **HD3**: 3" Handwheel
- **HD4**: 4" Handwheel
- **HD6**: 6" Handwheel
- **HD8**: 8" Handwheel
- **HD10**: 10" Handwheel
- **RCH**: Reattaching Crank Handle
- **D**: Digital Position Indicator
- **CMT**: Custom Mounting (provide drawing)
- **MR**: Motor Ready (specify motor)
- **DC**: DC Motor Drive
- **SM**: Smart Motor Drive (stepping)
- **Servo**: Servo Motor Drive

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