Dual Carriage Slides

MS Series - Dual Carriage Slide Dimensions
How to Order - Part # and Travels

These self-centering slides provide dual platforms for smooth repeatable positioning, of instrumentation, tooling, and equipment via a rigid slide mounting arrangement.

A turn of the hand-wheel advances the slide tables toward, or away from the slide center. As an option the dual carriage slide can be provided with one driven table and one free sliding table. This arrangement has been proven to be useful in supporting large work pieces.

The extremely robust construction, includes oversized guide rails and high PV bearings allow mounting in an extended horizontal position. The slides also allow for a vertical mounted slide to be attached providing movement in the “X” and “Z” axis’s.

Standard options include Hand-wheel choices, position locks, Engraved dials, and digital position indicators. Use Generic Slides – Quality manufactured Dual Carriage Slides, as an effective and cost efficient solution to your instrumentation, manufacturing and Automation systems needs.

Applications Include:
- Part centering for robotic pick-up
- Automation devices
- Dual work piece vises for machine tools
- 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

Features:
- Travels up to 72 inches
- Table widths from 2” to 18”
- Delicate to course adjustments
- Smooth motion

Construction:
- Position Lock
- Rolled thread, acme or ball screw drive
- Adjustable backlash drive screw nut
- Heavy section construction
- Material options
- Radically oversized guide rails
- High PV contaminant resistant bearings.

Standard Options:
- Engraved position dials
- Digital positional indicators
- Longer Travel Units
- Custom Table Sizes
- Custom Mounting holes
## MS Series - Dual Carriage Slide Dimensions

<table>
<thead>
<tr>
<th>Series</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;M&quot;</th>
<th>&quot;M1&quot;</th>
<th>&quot;M2&quot;</th>
<th>&quot;M3&quot;</th>
<th>&quot;M4&quot;</th>
<th>&quot;M5&quot;</th>
<th>&quot;M6&quot;</th>
<th>&quot;W&quot;</th>
<th>&quot;W1&quot;</th>
<th>&quot;N1&quot;</th>
<th>&quot;S1&quot;</th>
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# How to Order

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<th>Part Number</th>
<th>Series</th>
<th>Travel ea. Carriage</th>
<th>DCAR</th>
<th>Material Option</th>
<th>Other Options</th>
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<td>12</td>
<td>DCAR</td>
<td>AL</td>
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**MS600 series slide**
12" travel each axis Dual carriage slide

**Hardcoat Aluminum**

**1/2-20 UNF drive screw**

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**Material Options**

- AL = Hardcoat Aluminum
- CI = Cast Iron
- CM = Custom material
- DI = Delrin
- SST = Stainless Steel
- ST = Steel

**Other Options**

- FS = One table driven, one free sliding
- NS = No drive screw
- S1 = 10-32 UNF drive screw
- S2 = 1/4-20 UNF drive screw
- S3 = 1/2-20 UNF drive screw
- S4 = 1/2-13 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 = 1-5/8 Acme drive screw
- S9 = 1-1/4 Acme drive screw
- CS = Custom screw - (provide description)
- SL = Table lock
- HD1.5 = 1.5" Handwheel
- HD2 = 2" Handwheel
- HD3 = 3" Handwheel
- HD4 = 4" Handwheel
- HD5 = 6" Handwheel
- HD6 = 8" Handwheel
- HD10 = 10" Handwheel
- RCH = Ratcheting Crank Handle
- D = Digital position indicator
- ED = Engraved dial
- CM = Custom mounting (provide drawing)
- MR = Motor ready (specify motor)
- DC = DC motor drive
- SM = Smart motor drive (stepping)
- Servo = Servo motor drive

**Would you like assistance in ordering your product?**

Please fill out the order form at the bottom of the page or contact your sales representative.

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