Dynamic NT

Drawer slide technology with superior running conditions

MEPLA ALFIT
Feel the motion!
Superior concealed roller bearing slides for wooden drawer boxes.

Full Extension and Full Access slides with integrated Soft-close.

Dynamic NT roller bearing slides convince through superior running conditions: with ease you can extend the drawer boxes, and with a gentle push the slides glide back into the closed position. Soft-close slows your drawer softly and closes it quietly. The new Dynamic NT is a unique element in your cabinet that your customer will appreciate. Dynamic NT means innovation in drawer slide technology. New features of the Dynamic principle guarantee excellent running conditions and side stability. Dynamic NT covers with 100 / 75 lbs. load capacity all requirements that are needed when using an under-mount slide on a wooden drawer box.
The absolute highlight of the Dynamic NT is the unique Soft-close system.

Dynamic under-mount slides: Precise and dependable.

- End user friendly designed front fixing bracket
- Soft-close or Self-closing system available
- Soft and controlled closing of the drawer through newest Soft-close technology
- Integrated length and side tolerance compensation
- Fully interchangeable between Full Access and Full Extension system
- Efficient installation due to pre-mounted Self or Soft-close system
- Best holding power of screws due to profiled cabinet members
- Integrated toolless height adjustment
- Economical Full Access version
- Superior running conditions due to steel/plastic bearing
<table>
<thead>
<tr>
<th>Carrying capacity</th>
<th>Slide-on mounting for face frame cabinets</th>
<th>Page</th>
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<tr>
<td>100 lbs.</td>
<td><strong>Dynamic NT Full Extension</strong></td>
<td>6</td>
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<td></td>
<td>- Concealed drawer slide</td>
<td></td>
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<tr>
<td></td>
<td>- Soft-close or Self-close</td>
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<td></td>
<td>- 1/2” to 5/8” drawer box material</td>
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<td>- For face frame cabinets</td>
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<td>75 lbs.</td>
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<td>- For frameless cabinets</td>
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<td>- Soft-close or Self-close</td>
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<td></td>
<td>- 1/2” to 5/8” drawer box material</td>
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<td></td>
<td>- For frameless cabinets</td>
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# Mounting Aids

**7990**
- Boring Jig for Dynamic NT
- Boring of front fixing locations
- Boring of rear hole locations

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# Technical Information
Dynamic NT

Full Extension drawer slide
For face frame cabinet construction

• New easy to use front fixing bracket:
  - Height adjustable
  - Compensates side tolerances
  - Works with 1/2” to 5/8” drawer material
  - Easy and clear function of drawer removal
• Interchangeable with Full Access
• Oblong holes for length adjustment
• Choose from 2 closing systems:
  - Soft-close, shock absorbing system
  - Self-close, standard closing system
• 100 lbs. dynamic load rating

Identification mounting positions for Dynamic NT
Full Access and Full Extension slide-on mounting.

More information about:

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<thead>
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<td></td>
<td>7114.229.5</td>
<td>7114.229.5</td>
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<td>7101.305.5</td>
<td></td>
<td>7104.305.5</td>
<td>7104.305.5</td>
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<td>7101.381.5</td>
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<td>7104.381.5</td>
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<td>7101.457.5</td>
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<td>7104.457.5</td>
<td>7104.457.5</td>
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<td>21” / 533</td>
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<td>7104.533.5</td>
<td>7114.533.5</td>
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</table>

Bulk Packing
1 Set of Dynamic NT includes:
- 1 Set of slides (left and right)
Order separately (per set of slides)
- 1 Set of front fixing brackets (left and right)
- 2 Rear mount sockets

Polybagged
1 Set of polybagged Dynamic NT includes:
- 1 Set of slides (left and right)
- 1 Set of front fixing brackets (left and right)
- 2 Rear mount sockets

Panhead screw
499.060.58.0015
Ø 6 x ¾”
500 pcs.

Wood screw
499.060.58.0015
Countsunk screw No. 6 x ¾”
500 pcs.

Screw head diameter
Ø 7 mm (¼”)

Z = Set-back. Set-back = Decorative drawer front thickness plus 5 mm (⅜”)
### Features
- Self-closing system built into slide
- Drawer box material compensation with front-fixing
- Horizontal oblong holes in cabinet member
- Integrated height adjustment in front-fixing bracket
- 2” depth adjustment with rear socket

### Benefits
- No extra assembly — fast installation
- Secure connection to drawer slide
- Easy depth adjustment of interior drawers
- Fast alignment of drawer fronts after installation
- Overlay and inset drawers with same slide

### Drawer measurements

![Diagram of drawer measurements]

### Cabinet boring specifications

![Diagram of cabinet boring specifications]

### Fixing positions

![Diagram of fixing positions]

### Outside Drawer Width calculations

<table>
<thead>
<tr>
<th>Drawer Side Thickness</th>
<th>16 (1/4&quot;)</th>
<th>15 (5/8&quot;)</th>
<th>14 (7/16&quot;)</th>
<th>13 (1/2&quot;)</th>
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</thead>
<tbody>
<tr>
<td>Deduct from cabinet opening</td>
<td>10 (3/8&quot;)</td>
<td>12 (1/2&quot;)</td>
<td>14 (5/8&quot;)</td>
<td>16 (5/8&quot;)</td>
</tr>
</tbody>
</table>

**Calculation Outside Drawer Width**

*See chart at bottom of page for Outside Drawer Width calculations*

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**Information based on 16 mm (5/8”) drawer material.**
Face Frame

Full Access drawer slide
For face frame cabinet construction

- Economical solution
- New easy to use front fixing bracket:
  - Height adjustable
  - Compensates side tolerances
  - Works with ½" to 5/8" drawer material
  - Easy and clear function of drawer removal
- Interchangeable with Full Extension
- Oblong holes for length adjustment
- Choose from 2 closing systems:
  - Soft-close, shock absorbing system
  - Self-close, standard closing system
- 75 lbs. dynamic load rating

<table>
<thead>
<tr>
<th>Drawer length in / mm</th>
<th>Ref. No. Soft-close</th>
<th>Ref. No. Self-close</th>
<th>PU</th>
<th>Bulk Packing</th>
<th>Polybagged</th>
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<tbody>
<tr>
<td>12&quot; / 305</td>
<td>7601.305.5</td>
<td>7611.305.5</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>15&quot; / 381</td>
<td>7601.381.5</td>
<td>7611.381.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18&quot; / 457</td>
<td>7601.457.5</td>
<td>7611.457.5</td>
<td></td>
<td></td>
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<tr>
<td>21&quot; / 533</td>
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<td>7611.533.5</td>
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</table>

More information about: Full Extension Page 6

Panhead screw: 499.060.58.0015 Ø 6 x ¾" PU 500 pcs.
Wood screw: 499.060.58.0115 Countersunk screw No. 6 x ¾" PU 500 pcs.

Interior drawer measurements

Z = Set-back. Set-back = Decorative drawer front thickness plus 5 mm (⅛")
Y = Overall cabinet depth minus set-back

PU = Packing Unit
Features
- Minimal extension loss
- Self-closing system built in slide
- Drawer box material compensation with front fixing
- Horizontal oblong holes in cabinet member
- Integrated height adjustment in front fixing bracket
- 2" depth adjustment with rear socket

Benefits
- Full Access into drawer box — full extension appearance
- No extra assembly — fast installation
- Secure connection to drawer slide
- Easy depth adjustment of interior drawers
- Fast alignment of drawer fronts after installation
- Overlay and inset drawers with same slide

Cabinet boring specifications

<table>
<thead>
<tr>
<th>Drawer Length</th>
<th>Min.</th>
<th>Max.</th>
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</thead>
<tbody>
<tr>
<td>305 (12&quot;)</td>
<td>356</td>
<td>399</td>
</tr>
<tr>
<td>381 (15&quot;)</td>
<td>432</td>
<td>475</td>
</tr>
<tr>
<td>457 (18&quot;)</td>
<td>509</td>
<td>562</td>
</tr>
<tr>
<td>533 (21&quot;)</td>
<td>584</td>
<td>627</td>
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Fixing positions

<table>
<thead>
<tr>
<th>Cabinet Front</th>
<th>Extension loss 41 mm (1 1/8&quot;)</th>
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<tbody>
<tr>
<td>1 (1/4&quot;)</td>
<td>6.3 (1/4&quot;)</td>
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<tr>
<td>1 (3/4&quot;)</td>
<td>2 (1&quot;)</td>
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<table>
<thead>
<tr>
<th>Drawer Back</th>
<th>Extension loss 53 mm (2 1/16&quot;)</th>
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<tbody>
<tr>
<td>1 (1/4&quot;)</td>
<td>14.4 (9/16&quot;)</td>
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<td>1 (3/4&quot;)</td>
<td>14 (9/16&quot;)</td>
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Drawer Front

<table>
<thead>
<tr>
<th>1 (3/4&quot;)</th>
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</table>

Face Frame

<table>
<thead>
<tr>
<th>1 (3/4&quot;)</th>
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</thead>
</table>

*See chart at bottom of page for Outside Drawer Width calculations

*Calculation Outside Drawer Width

| Drawer side thickness | 16 (5/8") | 15 (7/16") | 14 (11/16") | 13 (11/16") |
| deduct from cabinet opening | 10 (3/8") | 12 (1/2") | 14 (9/16") | 16 (5/8") |

All measurements in mm (inches).
Full Extension drawer slide
For frameless cabinet construction

- New easy to use front fixing bracket:
  - Height adjustable
  - Compensates side tolerances
  - Works with 1/2” to 5/8” drawer material
- Easy and clear function of drawer removal
- Interchangeable with Full Access
- Oblong holes for length adjustment
- Choose from 2 closing systems:
  - Soft-close, shock absorbing system
  - Self-close, standard closing system
- 100 lbs. dynamic load rating

Identical mounting positions for Dynamic NT
Full Access and Full Extension slide-on mounting.

More information about:
Page 12
Features
- Self-closing system built in slide
- Drawer box material compensation with front fixing
- Horizontal oblong holes in cabinet member
- Integrated height adjustment in front fixing bracket

Benefits
- No extra assembly — fast installation
- Secure connection to drawer slide
- Easy depth adjustment of interior drawers
- Fast alignment of drawer fronts after installation

Cabinet boring specifications

<table>
<thead>
<tr>
<th>Drawer Length</th>
<th>250 (9 13/16&quot;)</th>
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<tbody>
<tr>
<td></td>
<td>229 (9&quot;)</td>
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<td>37</td>
<td>9&quot; Self-close Only</td>
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Extension loss 0 mm

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<tr>
<th>Drawer Length</th>
<th>326 (12 13/16&quot;)</th>
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<tbody>
<tr>
<td></td>
<td>305 (12&quot;)</td>
</tr>
<tr>
<td>37</td>
<td>Extension loss 0 mm</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td></td>
<td>381 (15&quot;)</td>
</tr>
<tr>
<td>37</td>
<td>Extension loss 0 mm</td>
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<table>
<thead>
<tr>
<th>Drawer Length</th>
<th>479 (18 7/8&quot;)</th>
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<tbody>
<tr>
<td></td>
<td>457 (18&quot;)</td>
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<td>37</td>
<td>Extension loss 0 mm</td>
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<table>
<thead>
<tr>
<th>Drawer Length</th>
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<td></td>
<td>533 (21&quot;)</td>
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<tr>
<td>37</td>
<td>Extension loss 0 mm</td>
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All measurements in mm (inches).
Full Access drawer slide
For frameless cabinet construction

- Economical solution
- New easy to use front fixing bracket:
  - Height adjustable
  - Compensates side tolerances
  - Works with 1/2” to 5/8” drawer material
  - Easy and clear function of drawer removal
- Interchangeable with Full Access
- Oblong holes for length adjustment
- Choose from 2 closing systems:
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  - Self-close, standard closing system
- 75 lbs. dynamic load rating

Identical mounting positions for Dynamic NT
Full Access and Full Extension slide-on mounting.

4 sided drawer overlay application with decorative drawer front

4 sided drawer overlay application with decorative drawer front

Interior drawer without decorative drawer front

Interior drawer measurements

PU = Packing Unit
Features
- Minimal extension loss
- Self-closing system built-in slide
- Drawer box material compensation with front fixing
- Horizontal oblong holes in cabinet member
- Integrated height adjustment in front fixing bracket

Benefits
- Full Access into drawer box — full extension appearance
- No extra assemble — fast installation
- Secure connection to drawer slide
- Easy depth adjustment of interior drawers
- Fast alignment of drawer fronts after installation

Cabinet boring specifications

<table>
<thead>
<tr>
<th>Drawer Length</th>
<th>Extension loss</th>
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<tr>
<td>305 (12&quot;)</td>
<td>41 mm (1 5/16&quot;)</td>
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<tr>
<td>381 (15&quot;)</td>
<td>41 mm (1 5/16&quot;)</td>
</tr>
<tr>
<td>457 (18&quot;)</td>
<td>53 mm (2 1/16&quot;)</td>
</tr>
<tr>
<td>533 (21&quot;)</td>
<td>53 mm (2 1/16&quot;)</td>
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Fixing positions

- Minimal extension loss
- Self-closing system built-in slide
- Drawer box material compensation with front fixing
- Horizontal oblong holes in cabinet member
- Integrated height adjustment in front fixing bracket

- Full Access into drawer box — full extension appearance
- No extra assemble — fast installation
- Secure connection to drawer slide
- Easy depth adjustment of interior drawers
- Fast alignment of drawer fronts after installation

All measurements in mm (inches).
7990 Boring jig for slide-on mounting

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<th>Ref. No.</th>
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<td>7990</td>
<td>1 pc.</td>
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**7990**
Boring jig for rear hook and front fixing bracket
### Drawer insertion

**for slide-on mounting**

Place onto extended Dynamic NT drawer runners and insert.

### Height adjustment

**for slide-on mounting**

Integrated tool-less height adjustment up to 2.5 mm.

### Drawer removal

**Slide-on mounting**

Extend drawer, press the lever of the front fixing bracket and take the drawer off from the Dynamic NT slides.

### Side tolerance

Side tolerance + 1/- 2 mm in relation to installation width 42 mm.