DYNAMIC NT SLIDE SYSTEM

Concealed roller bearing slides for superior wooden drawer boxes.
Dynamic NT
Concealed roller bearing slides for 3 and 4 sided wooden drawer boxes.

Single and full extension slides with integrated Soft-close soft closing system.
Dynamic NT roller bearing slides convince through superior running conditions:
With ease you can extend the drawer, and with a gentle push the slides glide back into the closed position.
Soft-close slows your drawer softly down and closes it quietly until it stops.
The 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 full extension slides with 40 kg load capacity cover all requirements that are needed when using an undermount slide on a wooden drawer box.

Dynamic NT undermount slides, precise and dependable.
• Soft and controlled closing of the drawer through Soft-close technology
• 40 kg load capacity with all Dynamic NT full extension slides
• Height adjustment within the front bracket
• The integrated tolerance compensation compensates side tolerance of the cabinet with ease
• System compatibility, single and full extension are completely interchangeable.
• Efficient installation with slide-on mounting
Concealed full extension slide, 40 kg
Slide-on mounting with integrated
Soft-close or Self-close.

- Full extension, 40 kg load capacity (based on 500 mm slide)
- Soft-close soft closing system
- Self-close, alternative
- Self adjusting of drawer when sliding on slide
- Integrated height adjustment, tool-less +2.5 mm

Dynamic NT Full extension, 40 kg

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>650</td>
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</tr>
<tr>
<td>PU/Packing Unit</td>
<td>PU 5</td>
<td>PU 5</td>
</tr>
</tbody>
</table>

VPE 5 = 5 pairs per box  ➤ Carrying capacity for excessive lengths 30 kg dyn.

Front fixing bracket with integrated height adjustment

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Ref. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Please order separately)</td>
<td>7900.VE1AA</td>
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<tr>
<td>PU/Packing Unit</td>
<td>PU 1</td>
</tr>
</tbody>
</table>

PU 1 = 1 set, l/r
PU 10 = 10 set

4 sided drawer
3 sided drawer
Inset drawer

Accessories and Mounting Aids

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**Drawer installation measurements**

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<tr>
<th>NL</th>
<th>Drawer length</th>
<th>Min. installation depth</th>
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<tr>
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**Cabinet fixing positions**

**Drawer cut-outs and borings**

**Identical mounting positions for single and full extension slides.**

All measurements in millimeter.
Concealed single extension slide, 30 kg
Slide-on mounting with integrated
Soft-close or Self-close.

- Single extension, 30 kg load capacity (based on 500 mm slide)
- Soft-close soft closing system
- Self-close, alternative
- Self adjusting of drawer when sliding on slide
- Integrated height adjustment, tool-less +2.5 mm

Dynamic NT Single extension, 30 kg

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<tbody>
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PU/Packing Unit

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<tbody>
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</table>

VPE 10 = 10 pairs per box

Front fixing bracket with integrated height adjustment

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<table>
<thead>
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<td>PU 1</td>
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<tr>
<td>PU 10</td>
<td>PU 10</td>
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</table>

PU 1 = 1 set, l/r
PU 10 = 10 set

4 sided drawer
3 sided drawer
Inset drawer

Accessories and Mounting Aids

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic NT Full extension</td>
<td>4</td>
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<tr>
<td>Dynamic NT Tipmatic Plus</td>
<td>8-9</td>
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<tr>
<td>Mini Sidewing</td>
<td>10</td>
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<tr>
<td>Magic Sorto</td>
<td>12</td>
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<tr>
<td>Mounting Aids</td>
<td>14</td>
</tr>
<tr>
<td>Technical Information</td>
<td>16</td>
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</table>
Drawer cut-outs and borings

<table>
<thead>
<tr>
<th>NL</th>
<th>Drawer length</th>
<th>Min. installation depth</th>
<th>Extension loss</th>
<th>Drawer installation measurements</th>
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<td>250</td>
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<td>250</td>
<td>52</td>
<td>min. 5</td>
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<tr>
<td>400</td>
<td>390</td>
<td>400</td>
<td>63</td>
<td>max. 10</td>
</tr>
<tr>
<td>450</td>
<td>440</td>
<td>450</td>
<td>74</td>
<td>max. 16</td>
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<tr>
<td>500</td>
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<td>96</td>
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<tr>
<td>550</td>
<td>540</td>
<td>550</td>
<td>107</td>
<td>max. 10</td>
</tr>
</tbody>
</table>

SK = Drawer length
NL = Nominal length of slide

Identical mounting positions for single and full extension slides.

All measurements in millimeter.
Dynamic NT Tipmatic Plus
The full extension for handle-free furniture design.

- Top Grass running performance
- Load capacity up to 40 kg
- Tool-free height adjustment
- Simple drawer insertion and removal
- Convenient opening and closing of the drawer or pull-out by gently tapping at any point over the entire width of the front.
- The unique and synchronised locking mechanism makes closing the drawer a delightful and satisfying experience for the user.
- Comfortable access to drawer contents thanks to the large opening distance.
- Convenient front gap adjustment by means of eccentric element: ±1.5 mm

Dynamic NT Tipmatic Plus full extension

Ordering information
For a pair, you will need to order one Grass Dynamic NT Tipmatic® Plus full extension as well as Grass snap-in devices, locking units and synchronisation bars. One packing unit of full extensions consists of 5 pairs. One set of snap-in devices consists of 5 left-hand and 5 right-hand devices. One set of locking units consists of 5 pairs of locking units and 5 pairs of back panel adapters. One set of synchronisation units consists of 10 synchronisation bars, length 1079 mm, and 20 synchronisation levers.

<table>
<thead>
<tr>
<th>Dynamic NT Tipmatic Plus</th>
<th>Synchronisation unit</th>
<th>Locking units</th>
<th>Dynamic NT Tipmatic Plus</th>
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<tbody>
<tr>
<td><strong>Lengths</strong></td>
<td><strong>full extension</strong></td>
<td><strong>68257-04</strong></td>
<td><strong>71115-03</strong></td>
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<td>71090-03</td>
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<td>300</td>
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<td>550</td>
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<tr>
<td>Packing unit 5 pairs</td>
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</tbody>
</table>

Assembly aids
- Drawer drill jig 66836-00
- Cabinet member drill jig 95253
- Pilot drill 35692
- Drill bit with stop ring 92594
- Drilling jig for the back panel adapter 71098-01
- Drilling jig for the locking unit 71097-01

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- Dynamic NT Full extension Page 4
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Dimension diagram of the drawer

Assembly of the snap-in device

Drill hole pattern (detail)

**Cabinet member fastening**

Euro screw:
- dia. 6 x at least 13 mm
- with dia. 7 mm countersunk head

**Inside cabinet width (ICW)**

**Inside drawer width = ICW - 42**

**Drawer length = Nominal length - 10 mm**

**Height adjustment +2,5 mm**

**Minimum installation depth = NL + 26**

**SK = NL - 10**

**Nominal length**

270
300
350
400
450
500
550

**Euro screw:**

- dia. 6 x at least 13 mm
- with dia. 7 mm countersunk head

All measurements in millimeter.
**Magic Mini Sidewing**
Organizing system for tall wooden drawers.

- Optimum space organisation for tall drawers
- Tool-less mounting
- Adjustable elements for individual arrangement possibilities
- Easy to cut to size Aluminium Dividing Rails

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### Magic Mini Sidewing

<table>
<thead>
<tr>
<th>Cabinet width in mm</th>
<th>Ref. No.</th>
<th>alu-grey</th>
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</thead>
<tbody>
<tr>
<td>1200</td>
<td>12650</td>
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</table>

**PU/Packing Unit**

| PU 4 | 4 pcs. |

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### Magic Classic Dividing Set

<table>
<thead>
<tr>
<th>Cabinet width in mm</th>
<th>Ref. No. alu-metallic</th>
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<tbody>
<tr>
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<td>12700.495.17</td>
</tr>
<tr>
<td>1200</td>
<td>12700.1095.17</td>
</tr>
</tbody>
</table>

**PU/Packing Unit**

| PU 1/25 | 1 set per bag / 25 sets per box |

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**Magic Dividing Set**

- **600 mm**
  - 1 set for 600 cabinet width consists of:
    - 2 Length Rails 462 mm
    - 2 Divider Rails 495 mm
    - 4 Fixing parts

- **1200 mm**
  - 1 set for 1200 cabinet width consists of:
    - 3 Length Rails 462 mm
    - 2 Divider Rails 1095 mm
    - 6 Fixing parts

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Mounting measurements Magic Mini Side Wing

Magic Classic Dividing Set

Length Rail

Divider Rail

Y = Drawer interior length - 14 mm
X = Drawer interior width - 41 mm

cut to size

All measurements in millimeter.
**Magic Sorto**

Organizing system for wooden drawers.

- Modular-based expandable system
- Individual components, dishwasher resistant
- Safe for foods, hygienically approved
- Trays made of stainless steel, Divider supports alu-metallic, plastic components alu-grey

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**Magic Sorto Set**

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>12039 550.17</td>
<td>Magic Sorto set NL 550 B3</td>
</tr>
<tr>
<td>12049 550.17</td>
<td>Magic Sorto set NL 550 B4</td>
</tr>
<tr>
<td>PU 1</td>
<td>PU/Packing Unit</td>
</tr>
</tbody>
</table>

PU 1 = 1 set

Sorto trays: stainless steel, plastic parts light-grey
Divider Support: alu-metallic, plastic parts light-grey

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### Magic Sorto Set NL 550 B3

**NL 550 and cabinet widths from 450 mm or more.**

**Consisting of:**
- 3 Sorto trays 270 x 90 mm
- 3 Sorto trays 180 x 90 mm
- 1 Divider Support

### Magic Sorto Set NL 550 B4

**NL 550 and cabinet widths from 600 mm or more.**

**Consisting of:**
- 4 Sorto trays 270 x 90 mm
- 4 Sorto trays 180 x 90 mm
- 1 Divider Support

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**Accessories and Mounting Aids**

<table>
<thead>
<tr>
<th>Dynamic NT Full extension</th>
<th>Page 4</th>
<th>Dynamic NT Tipmatic Plus</th>
<th>Page 8 - 9</th>
<th>Technical Information</th>
<th>Page 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic NT Single extension</td>
<td>Page 6</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
A  Measure drawer interior length (DIL). Remove spring loaded end caps to aluminum.

B  Cut aluminum bar (length = DIL -87 mm).

C  Attach spring loaded end caps to aluminum profile.

D  Cut wooden spacer.

Legend

All measurements in millimeter.
Mounting Aids
for Dynamic NT.

7990 Boring jig for rear hook and front fixing bracket borings

For rear hook and front fixing bracket borings

Ref. No.
7990
PU 1
PU/Packing Unit 1 ~ 1 pc.

Accessories and Mounting Aids

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<tr>
<td>Dynamic NT Tipmatic Plus</td>
<td>Page 8 - 9</td>
</tr>
<tr>
<td>Technical Information</td>
<td>Page 16</td>
</tr>
</tbody>
</table>
Drill bit

Drill bit for boring jig
7990

Ref. No. / Ø 6.3 x 10.5 mm
Ref. No. / Ø 6.3 x 14 mm
191
PU 1000
192
PU 1000

PU/Packing Unit 1000 = 1000 pcs.

191 / 192 Euro screw, nickel plated

Ref. No. / Ø 3.5 x 15 mm
198
PU 1000

PU/Packing Unit 1000 = 1000 pcs.

198 Wood screw, nickel plated

198 Wood screw, nickel plated

Ref. No. / Ø 3.5 x 15 mm
198
PU 1000

PU/Packing Unit 1000 = 1000 pcs.
**Drawer insertion**

Place onto extended Dynamic NT drawer slides and close.

**Height adjustment**

Integrated tool-less height adjustment up to 2.5 mm.

**Drawer removal**

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

**Side tolerance**

Side tolerance ±1,5 mm.

**Information**

Fixing of cabinet members:

The specified data is based on reference particle board according to DIN 68858, MDF and hardwood. If other types of woods and qualities are used, please consider the proper screw type as well as numbers of screws used.