TANDEM 552H partial extension drawer runners

Overlay application

- Partial extension concealed drawer runners
- For 16 (5/8") max. drawer side thickness
- Zinc-coated steel runners
- Concealed roller carriages with permanently lubricated synthetic rollers create a smooth running action
- Locking devices enable easy drawer insertion and removal
- Force-guided right side and ±1.5 (1/16") tolerance-compensating left side
- Dynamic load capacity of 75 lb
- Static load capacity of 100 lb

Components

### Runner set

<table>
<thead>
<tr>
<th>For overall cabinet depth</th>
<th>Drawer length</th>
<th>Extension loss</th>
<th>TANDEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>457 (18&quot;)</td>
<td>381 (15&quot;)</td>
<td>98 (3-7/8&quot;)</td>
<td>552H3810N</td>
</tr>
<tr>
<td>533 (21&quot;)</td>
<td>457 (18&quot;)</td>
<td>97 (3-13/16&quot;)</td>
<td>552H4570N</td>
</tr>
<tr>
<td>610 (24&quot;)</td>
<td>533 (21&quot;)</td>
<td>119 (4-11/16&quot;)</td>
<td>552H5330N</td>
</tr>
</tbody>
</table>

**NOTE:** These runners are for 16 (5/8") max. drawer side thickness

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Installation screw</th>
<th>Rear mounting bracket for frame cabinets</th>
</tr>
</thead>
<tbody>
<tr>
<td>707N</td>
<td></td>
<td></td>
</tr>
<tr>
<td>661.1300.HG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Components**

- One set required per drawer
- For overall cabinet depth 457 (18”), 533 (21”), 610 (24”)
- Drawer length 381 (15”), 457 (18”), 533 (21”)
- Extension loss 98 (3-7/8”), 97 (3-13/16”), 119 (4-11/16”)

**Standard locking device**

- One right and one left required per drawer
- Minimum inside drawer width 121 (4-3/4”)
- Height adjustable +3 (1/8”)

**Part no.**

- Right locking device T51.1700.04 R
- Left locking device T51.1700.04 L
- Installation screw 612TH

**Rear mounting bracket for frame cabinets**

- For use when installing TANDEM runners in face frame cabinets. Not necessary for panel cabinet installation.
  - Two required per drawer
  - Depth and side-to-side self-alignment
  - Zinc-coated steel

**Part no.**

- Non-handed bracket 295.3750.01
- Installation screw 612TH
### Drawer and cabinet specifications

#### Front view

![Diagram of drawer and cabinet specifications]

**NOTE:** Because material thickness may vary, the inside drawer width **must** equal opening width minus 42 for TANDEM to align and function optimally.

**Calculating outside drawer width**

- For drawer side thickness: 16 (5/8”)  15 (19/32”)  14 (9/16”)  13 (1/2”)  12 (15/32”)
- Deduct from inside cabinet width: 10 (13/32”)  12 (15/32”)  14 (9/16”)  16 (5/8”)  18 (23/32”)

**Example:** For 21” inside cabinet width and a 5/8” thick drawer, 21” minus 3/8” = 20-5/8” drawer width

#### Runner mounting specifications

![Diagram of runner mounting specifications]

**NOTE:** Orange dots indicate screw locations required to meet specified load capacities

**Profile length**

- 295.3750.01
- 612TH

**Inside cabinet depth**

- Rear mounting bracket

**NOTE:** For panel applications, the first screw location is always 37 (1-15/32”)

#### Drawer back preparation

![Diagram of drawer back preparation]

**NOTE:** For use in frame applications, minimum three screws per bracket

#### Rear mounting bracket

![Diagram of rear mounting bracket]

**Face frame rail**

- 20 (1-1/4”)
- 21 (13/16”)
- 32 (25/32”)

**Face frame stile**

- 14 (9/16”)
- 12 (15/32”)

**Face frame rail**

- 7 (9/32”)
- 10 bore for hook

**Rear mounting bracket**

- 21 (13/16”)
- 13 (1/2”)

#### Runner close-up

![Diagram of runner close-up]

**Profile length**

- 25 (31/32”)
- 37 (1-15/32”)

**Internal drawer width**

- 33 (1-5/16”)
- 6 (1/4”)
- 9 (11/32”)

**Extension**

- Partial

**Dynamic load capacity**

- 75 lb

**Static load capacity**

- 100 lb

---

### TANDEM drawer length and screw locations for panel cabinets

<table>
<thead>
<tr>
<th>TANDEM</th>
<th>Drawer length</th>
<th>Inside cabinet depth with 295.3750.01 bracket</th>
<th>Runner length</th>
<th>Screw locations for panel cabinets</th>
</tr>
</thead>
<tbody>
<tr>
<td>552H3810N</td>
<td>381 (15”)</td>
<td>446 (17-9/16”)  403 (15-7/8”)</td>
<td>394 (15-1/2”)</td>
<td>A  165 (6-1/2”)  B  357 (14-1/16”)</td>
</tr>
<tr>
<td>552H4570N</td>
<td>457 (18”)</td>
<td>522 (20-9/16”)  479 (18-7/8”)</td>
<td>470 (18-1/2”)</td>
<td>A  261 (10-9/32”)  B  453 (17-27/32”)</td>
</tr>
<tr>
<td>552H5330N</td>
<td>533 (21”)</td>
<td>598 (23-9/16”)  555 (21-7/8”)</td>
<td>546 (21-1/2”)</td>
<td>A  261 (10-9/32”)  B  517 (20-11/32”)</td>
</tr>
</tbody>
</table>

---

Dimensions in millimeters (inch equivalents as noted)  © 2014 Blum, Inc.