TANDEM plus BLUMOTION 569F/569A heavy duty

Application

New features
- Four-dimensional adjustment
- Elongated holes for depth adjustment
- 150 lb static load capacity

Description
- Full extension concealed drawer runners
- Panel or blocked-out face frame cabinets
- BLUMOTION soft closing
- TANDEM smooth running action
- Available in 18” to 30” lengths
- 16 (5/8”) to 19 (3/4”) drawer thickness

Basic components

Other applications

Inset drawer pg 22  Bottom mount pg 27  SPACE CORNER pg 28

Components

Runner set

One set required per drawer

<table>
<thead>
<tr>
<th>For overall cabinet depth</th>
<th>Drawer length</th>
<th>TANDEM plus BLUMOTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>533 (21”)</td>
<td>457 (18”)</td>
<td>569F4570B</td>
</tr>
<tr>
<td>610 (24”)</td>
<td>533 (21”)</td>
<td>569F5330B</td>
</tr>
<tr>
<td>686 (27”)</td>
<td>610 (24”)</td>
<td>569A6100B</td>
</tr>
<tr>
<td>762 (30”)</td>
<td>686 (27”)</td>
<td>569A6860B</td>
</tr>
<tr>
<td>838 (33”)</td>
<td>762 (30”)</td>
<td>569A7620B</td>
</tr>
</tbody>
</table>

Wood screw for installation 606N or 606P
System screw for installation 662.1150.HG

Side adjustable locking device

- One right and one left required per drawer
- With side-to-side adjustment
- Captive right and self-aligning left device
- Self-adjusting drawer length tolerance
- Steel base with synthetic, spring-loaded release levers
- Minimum inside drawer width 170 (6-11/16”)
- Height adjustment +3 (1/8”)
- Side adjustment ±1.5 (1/16”)
- For use with 563/569 series runners only
- For other options see page 30

Part no.
Right locking device T51.1901 R
Left locking device T51.1901 L
Installation screw 606N or 606P

NOTE: For heavy duty applications, rear brackets and sockets cannot be used. Cabinet sides must be blocked-out flush with the inside of the frame. See page 21.

Using TANDEM page 10  Drawer preparation page 11  Accessories page 40  Assembly aids page 42

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### Drawer and cabinet specifications

#### Drawer box Specifications

**Front view**

![Diagram of drawer box specifications]

**NOTE:** Material thickness may vary. Inside drawer width **must** equal opening width minus 49 for TANDEM to align and run properly.

#### Calculating outside drawer width

<table>
<thead>
<tr>
<th>For drawer side thickness</th>
<th>19 (3/4&quot;)</th>
<th>18 (23/32&quot;)</th>
<th>17 (21/32&quot;)</th>
<th>16 (5/8&quot;)</th>
<th>15 (19/32&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deduct from inside cabinet width</td>
<td>11 (7/16&quot;)</td>
<td>13 (1/2&quot;)</td>
<td>15 (19/32&quot;)</td>
<td>17 (21/32&quot;)</td>
<td>19 (3/4&quot;)</td>
</tr>
</tbody>
</table>

**Example:** For 21" opening width and a 3/4" thick drawer, 21" minus 7/16" = 20-9/16" drawer width

#### Runner mounting specifications

**Side view**

![Diagram of runner mounting specifications]

**NOTE:** The orange dots indicate fixing screw locations required to meet specified load ratings.

#### Runner close-up

![Diagram of runner close-up]

**NOTE:** Elongated holes are for ±4.5 (3/16") depth adjustment only. Additional screws must be used to secure the runner to the cabinet.

### Runner comparison

**Side view**

- **569F**
- **569A**

### TANDEM plus BLUMOTION drawer length minimum inside cabinet depth runner length screw locations

<table>
<thead>
<tr>
<th>TANDEM plus BLUMOTION</th>
<th>drawer length</th>
<th>minimum inside cabinet depth</th>
<th>runner length</th>
<th>screw locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>569F4570B</td>
<td>457 (18&quot;)</td>
<td>480 (18-29/32&quot;)</td>
<td>471 (18-17/32&quot;)</td>
<td>A 261 (10-9/32&quot;) B 453 (17-27/32&quot;)</td>
</tr>
<tr>
<td>569F5330B</td>
<td>533 (21&quot;)</td>
<td>557 (21-15/16&quot;)</td>
<td>548 (21-9/16&quot;)</td>
<td>A 261 (10-9/32&quot;) B 517 (20-11/32&quot;)</td>
</tr>
<tr>
<td>569A6100B</td>
<td>610 (24&quot;)</td>
<td>634 (24-31/32&quot;)</td>
<td>625 (24-19/32&quot;)</td>
<td>A 261 (10-9/32&quot;) B 389 (15-5/16&quot;)</td>
</tr>
<tr>
<td>569A6860B</td>
<td>686 (27&quot;)</td>
<td>709 (27-29/32&quot;)</td>
<td>700 (27-9/16&quot;)</td>
<td>A 261 (10-9/32&quot;) B 389 (15-5/16&quot;)</td>
</tr>
</tbody>
</table>
| 569A7620B              | 762 (30")    | 786 (30-15/16")            | 777 (30-19/32") | A 261 (10-9/32") B 389 (15-5/16)

### Maximum drawer thickness

19 (3/4")

### Lengths available

18" - 30"

### Load capacity

150 lb