Blum, Inc. is a leading manufacturer of functional hardware for the kitchen cabinet and commercial casegoods industries specializing in concealed hinges and drawer runner systems. Virtually all of the hardware needed to assemble and make casegoods functional are available within the wide range of lifetime guaranteed Blum products.

Blum’s manufacturing and distribution complex in Stanley, North Carolina, supplies the North American markets through a network of more than 150 dependable distributors. Wholly owned by the Blum family, the company was formed in 1952 by Julius Blum and is headquartered in Hoechst, Austria.

Global customer benefits

Product development at Blum considers all of the various customers who will come in contact with our products. With this “Global Customer Benefits” philosophy we strive to create advantages for all users from the cabinetmaker to the end consumer.

Blum, Inc. is ISO 9001 certified which means that you are assured of consistent quality in every Blum product. As with all Blum hardware, TANDEM concealed drawer slides are backed with a lifetime guarantee. What’s more, they exceed the requirements of ANSI-BHMA standards for cycle life, static load and self-closing performance. Contact your local Blum representative for more details.
TANDEM overview

<table>
<thead>
<tr>
<th>Drawer length</th>
<th>Partial extension</th>
<th>Full extension</th>
<th>Full extension with BLUMOTION</th>
<th>Heavy duty full extension with BLUMOTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Max. drawer thickness</td>
<td>Max. drawer thickness</td>
<td>Max. drawer thickness</td>
<td>Max. drawer thickness</td>
</tr>
<tr>
<td>12&quot;</td>
<td>TANDEM 552H page 15</td>
<td>TANDEM 552F page 17</td>
<td>TANDEM plus 562H page 19</td>
<td>TANDEM plus BLUMOTION 562H page 19</td>
</tr>
<tr>
<td>15&quot;</td>
<td>TANDEM plus 562H page 19</td>
<td>TANDEM plus BLUMOTION 562H page 19</td>
<td>TANDEM plus BLUMOTION 562F page 21</td>
<td>TANDEM plus BLUMOTION 562H and 568. page 23</td>
</tr>
<tr>
<td>18&quot;</td>
<td>TANDEM plus BLUMOTION 562H page 19</td>
<td>TANDEM plus BLUMOTION 562F page 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21&quot;</td>
<td>TANDEM plus BLUMOTION 562H page 19</td>
<td>TANDEM plus BLUMOTION 562F page 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24&quot;</td>
<td>TANDEM plus BLUMOTION 562H page 19</td>
<td>TANDEM plus BLUMOTION 562F page 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27&quot;</td>
<td>TANDEM plus BLUMOTION 562H page 19</td>
<td>TANDEM plus BLUMOTION 562F page 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30&quot;</td>
<td>TANDEM plus BLUMOTION 562H page 19</td>
<td>TANDEM plus BLUMOTION 562F page 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity dynamic/static</td>
<td>75/100 lb.</td>
<td>75/100 lb.</td>
<td>75/100 lb.</td>
<td>75/100 lb.</td>
</tr>
</tbody>
</table>

**Drawing components**

- Rear mounting brackets (face frame 552/562 only)
- Locking devices
- Runner profiles

**Standard lengths**

- TANDEM series runners are based on the American standard 3" cabinet depth system, therefore, the runner lengths come in 3" increments.
- TANDEM plus runners are available for drawers from 12" to 30" in length.

www.cabinetparts.com
TANDEM plus BLUMOTION
Unsurpassed function

TANDEM plus BLUMOTION brings together all of the features, innovations and benefits that Blum has developed since first making drawer runners in the early 1960’s. The first time you open and close a fully loaded drawer, you’ll quickly realize that TANDEM plus BLUMOTION is a runner system that is unmatched in quality, style and running action.

Integrated BLUMOTION

BLUMOTION is now integrated inside the TANDEM runner. Blum has combined the smooth running action of TANDEM with the silent close of BLUMOTION providing the ultimate drawer function. BLUMOTION and the BLUMATIC closing feature have been precisely engineered to function in unison providing a harmonized system over the entire range of runner lengths.

BLUMOTION adapts to different weights and closing forces to give a smooth, silent close every time. Whether it is a small top drawer or loaded deep drawer, TANDEM plus BLUMOTION guarantees the perfect motion you have come to expect from Blum.
A new kitchen standard

For most households, buying a kitchen is a major investment. Education is an important element in decision making whenever considering a large purchase. The intent of DYNAMIC SPACE is just that, to teach the idea of quality of space and quality of motion. DYNAMIC SPACE is a concept of kitchen zones that take into account storage needs, organizational requirements and ergonomics.
Blum's goal with DYNAMIC SPACE is to create a new kitchen standard that provides improved utilization of space and better quality of motion.

DYNAMIC SPACE is available to anyone and includes knowledge from years of research in kitchens all over the world. Learn more at www.dynamicspace.us

www.cabinetparts.com
Ergonomic organization

When planning a new kitchen or simply remodeling an existing one, many aspects have to be taken into consideration. Factors such as the size of your household and your individual lifestyle define your personal needs. Most new kitchen buyers want more storage space and organization in their kitchens. That is why Blum continues to develop solutions for storage.

The optimal use of storage space and the ergonomic workflow in your kitchen are both focused around the concept of full extension. The entire contents of the drawer can be seen and easily accessed, providing improved function and enhanced ergonomics in everyday use. This storage space can be customized to individual needs using the ORGA-LINE drawer dividing system.

www.cabinetparts.com
Endless solutions

TANDEM plus BLUMOTION offers endless possibilities for manufacturers and cabinet makers alike. Kitchen buyers are demanding good looks, more storage, better access and smooth motion. Blum delivers a wide variety of solutions that will inspire them.
Create unlimited solutions that excite customers and increase the value of the cabinets you offer. With TANDEM plus BLUMOTION concealed runners all the customer sees is the beauty of the wooden drawers and the quality of motion they have come to expect from Blum products.
**General specifications**

**One piece runner profile**
- Zinc coated steel
- Concealed roller carriage mechanism with permanently lubricated, synthetic rollers
- Blumatic spring loaded self-closing action automatically keeps drawer front from touching the cabinet when closing
- 552 series available in partial extension
- 562 series available with or without integrated BLUMOTION
- 568 series with integrated BLUMOTION
- H and . series for drawers of 5/8” material
- F and A series for drawers of 3/4” material

**Locking devices**
- Zinc die cast with synthetic, spring-loaded release levers
- Force guided right device and ±1/16” self-adjust tolerance on left device
- Self-adjusting drawer length tolerance
- Tool-free drawer height adjustment
- Special locking devices are also available for narrow drawers, inset drawers and interior roll-outs

**Rear mounting brackets**
- Zinc-plated steel
- Depth and side-to-side self-alignment

**Partial and full extension**
TANDEM runners are designed for the American 3” increment cabinet depth system. This feature permits overlay or inset applications to use the same runner. Full length profiles make installation in panel or face-frame cabinets possible.

**BLUMOTION**
TANDEM plus runners are available with integrated BLUMOTION. The integrated BLUMOTION mechanism takes control of the drawer 2” from closing and brings it to a soft, silent close every time - Blum’s latest step in perfecting motion.

**Weight capacities**
- 75 lbs Dynamic, 100 lbs Static for TANDEM 552/562 series
- 110 lbs Dynamic, 125 lbs Static for TANDEM 568 series

* As per ANSI/BHMA 156.9-2001 grade 1 specifications on a 21” length drawer.

**Application**

**Note:** Illustration is for 552 / 562 only.
For 568, cabinet must be blocked out behind face frame to support heavy duty applications.

**Drawer installation and removal**

**Installation**
Place drawer on runners and close. Locking devices automatically connect to runners.

**Removal**
1. Squeeze orange handles on locking devices.
2. Pull drawer out and up.

**Adjustments**

**Height**
1. Press up on adjustment tab.
2. Push towards back of drawer. Max. 3mm (1/8”) rise of drawer.

**Tilt**
Rotate the tilt adjustment dial on the rear of each profile to tilt the top of the drawer front forward.
Locking devices

**Standard**

The standard locking device is for all TANDEM and TANDEM plus profiles. It requires a minimum interior drawer width of 121 (4-3/4").

**Inset drawer**

The depth adjustable locking device is especially designed for inset applications allowing installers to perfectly align drawer fronts.

**Positive stop**

For use when a precise stopping position is required, for example, a roll-out tray application.

**Narrow drawer**

For use when the drawer is too narrow for standard locking devices.

---

**Rear bracket**

For use when installing TANDEM runners in face frame cabinets. Not necessary for panel cabinet installation.

**TANDEM template**

An essential tool for installing TANDEM locking devices and preparing drawers.

---

**Height compatible drawer runner systems**

The full extension TANDEM plus BLUMOTION runners establish the standard mounting location used for all Blum concealed runners.

Partial extension TANDEM 552 series runners have a stamped positioning tab that raises the mounting holes up to the same height.

Partial extension SOLO 262 series runners have positioning dimples that raise the mounting holes up to the same height.

---

The mounting position of Blum's concealed runners gives each runner an identical location in the cabinet and establishes identical drawer box positioning within the cabinet opening. This mounting position also allows drawer fronts to be attached in the same position.
Using TANDEM concealed runners

**Step 1: Measure cabinet opening**

These measurements are needed to determine drawer box size.

**Step 2: Select TANDEM runners**

Based on the application, choose the TANDEM concealed runner that fits the desired extension, drawer side thickness, weight capacity and cabinet depth. Then go to the corresponding catalog page for more specific information.

**Step 3: Build drawer boxes**

Build drawers according to the specifications given for the TANDEM runners you chose and the measurements determined in Step 1. Install appropriate locking devices and bore holes to accept rear hooks.

**Step 4: Attach runners to cabinet**

Using the mounting information given for the TANDEM runners you chose, mount the TANDEM runners in the cabinet.

**Step 5: Insert drawers**

Place the drawer on the runners and close. The locking devices automatically engage with the runners. Make height and tilt adjustments if necessary.
**Drawer preparation**

### Rear notching

**Dimensions**

- **Drawers must be notched in the back to accommodate TANDEM runners.**
- **The notches must be flush with the drawer bottom.**

**Option - no notching**

- **Make the back panel shorter and extend the drawer bottom to the back of the drawer.**

### Rear boring

**Dimensions**

- **Drawers must have 6mm holes drilled in the back panel to accept the hooks in the back of TANDEM runners.**

**Boring**

1. Place the template over the drawer side
2. Position the template so that the center rib rests against the inside face of the drawer side
3. Set stop collar on 6mm bit so that it will drill 10 (3/8") deep
4. Hold template firmly and drill hole
5. Repeat on other side

**Note:** Using the T65.1000.02 template is highly recommended

### Locking devices

**Attachment**

1. Position the 2.5mm drill bit into the extension chuck so that it extends 10 (3/8") out of the template
2. Place template into the front corner of the drawer
3. Drill two holes and repeat on the other side
4. Attach locking devices with #6 X 1/2" truss head screws (612TH)

**Note:** Using the T65.1000.02 template is highly recommended

---

**Dimensions in millimeters** (inch equivalents as noted)
Subject to technical modifications without notice. © 2006
TANDEM 552H partial extension drawer runners

Overlay application

- Partial extension concealed drawer runners
- For 16 (5/8”) max. drawer side thickness
- Zinc coated steel profiles
- 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 weight capacity of 75 lb
- Static weight capacity of 100 lb

Basic components

- Rear mounting brackets for face frame only
- Runner profile
- Locking device

Other applications

- Inset drawer pg. 27
- Narrow drawer pg. 29
- Roll-out tray pg. 31
- Bottom mount pg. 32

Components

Profile set

- One set required per drawer

For overall cabinet depth

<table>
<thead>
<tr>
<th>TANDEM</th>
<th>552H2290N*</th>
</tr>
</thead>
<tbody>
<tr>
<td>305 (12”)</td>
<td>552H3050N</td>
</tr>
<tr>
<td>381 (15”)</td>
<td>552H3810N</td>
</tr>
<tr>
<td>457 (18”)</td>
<td>552H4570N</td>
</tr>
<tr>
<td>533 (21”)</td>
<td>552H5330N</td>
</tr>
<tr>
<td>610 (24”)</td>
<td>552H5330N</td>
</tr>
</tbody>
</table>

For drawer length

<table>
<thead>
<tr>
<th>TANDEM</th>
<th>552H2290N*</th>
</tr>
</thead>
<tbody>
<tr>
<td>229 (9”)</td>
<td>552H3050N</td>
</tr>
<tr>
<td>305 (12”)</td>
<td>552H3810N</td>
</tr>
<tr>
<td>381 (15”)</td>
<td>552H4570N</td>
</tr>
<tr>
<td>457 (18”)</td>
<td>552H5330N</td>
</tr>
<tr>
<td>533 (21”)</td>
<td>552H5330N</td>
</tr>
<tr>
<td>610 (24”)</td>
<td>552H5330N</td>
</tr>
</tbody>
</table>

For extension loss

<table>
<thead>
<tr>
<th>TANDEM</th>
<th>552H2290N*</th>
</tr>
</thead>
<tbody>
<tr>
<td>37 (1-7/16”)</td>
<td>552H3050N</td>
</tr>
<tr>
<td>78 (3-1/16”)</td>
<td>552H3810N</td>
</tr>
<tr>
<td>98 (3-7/8”)</td>
<td>552H4570N</td>
</tr>
<tr>
<td>119 (4-11/16”)</td>
<td>552H5330N</td>
</tr>
</tbody>
</table>

Note: These runners are for 16 (5/8”) max. drawer side thickness

Standard locking device

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

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-plated steel

Installation screws

<table>
<thead>
<tr>
<th>TANDEM</th>
<th>552H2290N*</th>
</tr>
</thead>
<tbody>
<tr>
<td>295.3750</td>
<td>552H3050N</td>
</tr>
<tr>
<td>295.3750</td>
<td>552H3810N</td>
</tr>
<tr>
<td>295.3750</td>
<td>552H4570N</td>
</tr>
<tr>
<td>295.3750</td>
<td>552H5330N</td>
</tr>
</tbody>
</table>

Using TANDEM page 13
Drawer preparation page 14
Accessories page 45
Assembly aids page 47

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006
**Drawer and cabinet specifications**

**Front view**

- Inside cabinet width
- Drawer width
- Drawer side thickness maximum 16 (5/8”)
- Drawer bottom recess 13 (1/2”)
- Bottom clearance 14 (9/16”)
- Opening 13 (1/2”)
- 6 (1/4”) Min. top clearance

**Drawer back preparation**

- 7 (9/32”) bore for hook
- 11 (7/16“) 06 x 10 minimum rear notch
- 21 (13/16”) minumum rear notch

**Rear mounting bracket**

- Face frame rail
- Face frame stile 12 (15/32”)

**Profile mounting specifications**

**Formula for calculating outside drawer width**

<table>
<thead>
<tr>
<th>For drawer side thickness</th>
<th>16 (5/8”)</th>
<th>15 (19/32”)</th>
<th>14 (9/16”)</th>
<th>13 (1/2”)</th>
<th>12 (15/32”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deduct from inside cabinet width</td>
<td>10 (3/8”)</td>
<td>12 (15/32”)</td>
<td>14 (9/16”)</td>
<td>16 (5/8”)</td>
<td>18 (23/32”)</td>
</tr>
</tbody>
</table>

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

**Profile close-up**

- 33 (1-5/16”) 30 (9/16”) typ.
- 6 (1/4”) 9 (11/32”) typ.
- 25 (31/32”) 37 (1-7/16”)

**Profile length**

- 9 (11/32”) typ.
- 10 (3/8”) 4 (5/32”) Setback
- 37 (1-7/16”) A
- 295.3750 B

**System screw locations**

<table>
<thead>
<tr>
<th>TANDEM</th>
<th>Drawer length</th>
<th>Inside cabinet depth with bracket</th>
<th>Profile length</th>
<th>System screw locations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Maximum</td>
<td>Minimum</td>
<td>A</td>
</tr>
<tr>
<td>552H2290N</td>
<td>229 (9”)</td>
<td>293 (11-9/16”)</td>
<td>250 (9-7/8”)</td>
<td>241 (9-1/2”)</td>
</tr>
<tr>
<td>552H3050N</td>
<td>305 (12”)</td>
<td>369 (14-9/16”)</td>
<td>326 (12-7/8”)</td>
<td>317 (12-1/2”)</td>
</tr>
<tr>
<td>552H3810N</td>
<td>381 (15”)</td>
<td>446 (17-9/16”)</td>
<td>403 (15-7/8”)</td>
<td>394 (15-1/2”)</td>
</tr>
<tr>
<td>552H4570N</td>
<td>457 (18”)</td>
<td>522 (20-9/16”)</td>
<td>479 (18-7/8”)</td>
<td>470 (18-1/2”)</td>
</tr>
<tr>
<td>552H5330N</td>
<td>533 (21”)</td>
<td>598 (23-9/16”)</td>
<td>555 (21-7/8”)</td>
<td>546 (21-1/2”)</td>
</tr>
</tbody>
</table>

**Dimensions in millimeters (inch equivalents as noted):**

Subject to technical modifications without notice. © 2006

www.cabinetparts.com
**TANDEM 552F** partial extension drawer runners

### Overlay application
- Partial extension concealed drawer runners
- For 19 (3/4") max. drawer side thickness
- Zinc coated steel profiles
- 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 weight capacity of 75 lb
- Static weight capacity of 100 lb

### Other applications
- Inset drawer pg. 27
- Narrow drawer pg. 29
- Roll-out tray pg. 31
- Bottom mount pg. 32

### Components
- **Profile set**
  - One set required per drawer

- **Standard locking device**
  - One right and one left required per drawer
  - Minimum interior drawer width 121 (4-3/4")
  - Height adjustable +3 (1/8")

- **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-plated steel

### Basic components
- **Runner profile**
- **Locking device**
- **Rear mounting bracket for face frame only**

### Dimensions in millimeters (inch equivalents as noted)

<table>
<thead>
<tr>
<th>Overall cabinet depth</th>
<th>Drawer length</th>
<th>Extension loss</th>
<th>TANDEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>305 (12&quot;)</td>
<td>229 (9&quot;)</td>
<td>37 (1-7/16&quot;)</td>
<td>552F2290N*</td>
</tr>
<tr>
<td>381 (15&quot;)</td>
<td>305 (12&quot;)</td>
<td>78 (3-1/16&quot;)</td>
<td>552F3050N</td>
</tr>
<tr>
<td>457 (18&quot;)</td>
<td>381 (15&quot;)</td>
<td>98 (3-7/8&quot;)</td>
<td>552F3810N</td>
</tr>
<tr>
<td>533 (21&quot;)</td>
<td>457 (18&quot;)</td>
<td>97 (3-13/16&quot;)</td>
<td>552F4570N</td>
</tr>
<tr>
<td>610 (24&quot;)</td>
<td>533 (21&quot;)</td>
<td>119 (4-11/16&quot;)</td>
<td>552F5330N</td>
</tr>
</tbody>
</table>

**Note:** These runners are for 19 (3/4") max. drawer side thickness

* 7/8 extension

---

Using TANDEM page 13
Drawer preparation page 14
Accessories page 45
Assembly aids page 47

Dimensions in millimeters (inch equivalents as noted) Subject to technical modifications without notice. © 2006

www.cabinetparts.com
Drawer and cabinet specifications

Front view

Profile close-up

Formula for calculating outside drawer width

<table>
<thead>
<tr>
<th>Drawer side thickness (3/4&quot;)</th>
<th>19</th>
<th>18 (3/32&quot;)</th>
<th>17 (21/32&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>14 (9/16&quot;)</td>
</tr>
</tbody>
</table>

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

Profile mounting specifications

<table>
<thead>
<tr>
<th>TANDEM</th>
<th>Drawer length</th>
<th>Inside cabinet depth with bracket (Maximum)</th>
<th>Profile length (Minimum)</th>
<th>System screw locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>552F2290N</td>
<td>229 (9&quot;)</td>
<td>293 (11-9/16&quot;)</td>
<td>250 (9-7/8&quot;)</td>
<td>241 (9-1/2&quot;)</td>
</tr>
<tr>
<td>552F3050N</td>
<td>305 (12&quot;)</td>
<td>369 (14-9/16&quot;)</td>
<td>326 (12-7/8&quot;)</td>
<td>317 (12-1/2&quot;)</td>
</tr>
<tr>
<td>552F3810N</td>
<td>381 (15&quot;)</td>
<td>446 (17-9/16&quot;)</td>
<td>403 (15-7/8&quot;)</td>
<td>394 (15-1/2&quot;)</td>
</tr>
<tr>
<td>552F4570N</td>
<td>457 (18&quot;)</td>
<td>522 (20-9/16&quot;)</td>
<td>479 (18-7/8&quot;)</td>
<td>470 (18-1/2&quot;)</td>
</tr>
<tr>
<td>552F5330N</td>
<td>533 (21&quot;)</td>
<td>598 (23-9/16&quot;)</td>
<td>555 (21-7/8&quot;)</td>
<td>546 (21-1/2&quot;)</td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006

www.cabinetparts.com
TANDEM plus 562H full extension drawer runners

Overlay application

- Full extension concealed drawer runners
- Available with integrated BLUMOTION
- For 16 (5/8") max. drawer side thickness
- Rear tilt adjustment
- 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 weight capacity of 75 lb
- Static weight capacity of 100 lb

Basic components

Description

Other applications

Components

Profile set

One set required per drawer

For overall cabinet depth

<table>
<thead>
<tr>
<th>Drawer length</th>
<th>Over extension</th>
<th>TANDEM plus</th>
<th>TANDEM plus</th>
</tr>
</thead>
<tbody>
<tr>
<td>381 (15&quot;)</td>
<td>0</td>
<td>562H3050C</td>
<td>562H3050B</td>
</tr>
<tr>
<td>457 (18&quot;)</td>
<td>0</td>
<td>562H3810C</td>
<td>562H3810B</td>
</tr>
<tr>
<td>533 (21&quot;)</td>
<td>6 (1/4&quot;)</td>
<td>562H4570C</td>
<td>562H4570B</td>
</tr>
<tr>
<td>610 (24&quot;)</td>
<td>16 (5/8&quot;)</td>
<td>562H5330C</td>
<td>562H5330B</td>
</tr>
</tbody>
</table>

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

Standard locking device

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

Rear mounting bracket for frame cabinets

- Two required per drawer
- Depth and side-to-side self-alignment
- Zinc-plated steel

For use when installing TANDEM runners in face frame cabinets. Not necessary for panel cabinet installation.

Profile set

Using TANDEM page 13
Drawer preparation page 14
Accessories page 45
Assembly aids page 47

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006
### Drawer and cabinet specifications

**Front view**

**System or #7 profile mounting screws**

**Profile close-up**

**Profile mounting specifications**

**Formula for calculating outside drawer width**

<table>
<thead>
<tr>
<th>For drawer side thickness</th>
<th>16 (5/8&quot;)</th>
<th>15 (19/32&quot;)</th>
<th>14 (9/16&quot;)</th>
<th>13 (1/2&quot;)</th>
<th>12 (15/32&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deduct from inside cabinet width</td>
<td>10 (3/8&quot;)</td>
<td>12 (15/32&quot;)</td>
<td>14 (9/16&quot;)</td>
<td>16 (5/8&quot;)</td>
<td>18 (23/32&quot;)</td>
</tr>
</tbody>
</table>

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

**Profile close-up**

**System screw locations**

<table>
<thead>
<tr>
<th>TANDEM plus</th>
<th>TANDEM plus BLUMOTION</th>
<th>Drawer length</th>
<th>Inside cabinet depth with bracket</th>
<th>Profile length</th>
<th>System screw locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>562H3050C</td>
<td>562H3050B</td>
<td>305 (12&quot;)</td>
<td>305 to 369 (14-9/16&quot;)</td>
<td>326 (12-7/8&quot;)</td>
<td>317 (12-1/2&quot;)</td>
</tr>
<tr>
<td>562H3810C</td>
<td>562H3810B</td>
<td>381 (15&quot;)</td>
<td>381 to 446 (17-9/16&quot;)</td>
<td>403 (15-7/8&quot;)</td>
<td>394 (15-1/2&quot;)</td>
</tr>
<tr>
<td>562H4570C</td>
<td>562H4570B</td>
<td>457 (18&quot;)</td>
<td>457 to 522 (20-9/16&quot;)</td>
<td>479 (18-7/8&quot;)</td>
<td>470 (18-1/2&quot;)</td>
</tr>
<tr>
<td>562H5330C</td>
<td>562H5330B</td>
<td>533 (21&quot;)</td>
<td>533 to 598 (23-9/16&quot;)</td>
<td>555 (21-7/8&quot;)</td>
<td>546 (21-1/2&quot;)</td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006

www.cabinetparts.com
TANDEM plus 562F full extension drawer runners

Overlay application

- Full extension concealed drawer runners
- Available with integrated BLUMOTION
- For 19 (3/4") max. drawer side thickness
- Rear tilt adjustment
- 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 weight capacity of 75 lb
- Static weight capacity of 100 lb

Other applications

Inset drawer pg. 27
Narrow drawer pg. 29
Roll-out tray pg. 31
Bottom mount pg. 32
ORGA-LINE pg. 35
Deep drawer pg. 39

Components

Profile set

For overall cabinet depth
For over extension
TANDEM plus
TANDEM plus BLUMOTION

<table>
<thead>
<tr>
<th>Drawer length</th>
<th>Over extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>305 (12&quot;)</td>
<td>0</td>
</tr>
<tr>
<td>381 (15&quot;)</td>
<td>0</td>
</tr>
<tr>
<td>457 (18&quot;)</td>
<td>6 (1/4&quot;)</td>
</tr>
<tr>
<td>533 (21&quot;)</td>
<td>16 (5/8&quot;)</td>
</tr>
</tbody>
</table>

Note: These runners are for 19 (3/4") max. drawer side thickness

Standard locking device

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

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-plated steel

Installation

<table>
<thead>
<tr>
<th>Right</th>
<th>Left</th>
<th>Installation screws</th>
</tr>
</thead>
<tbody>
<tr>
<td>T51.1700.04 R</td>
<td>T51.1700.04 L</td>
<td>612TH</td>
</tr>
</tbody>
</table>

Using TANDEM page 13
Drawer preparation page 14
Accessories page 45
Assembly aids page 47

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006
## Drawer and cabinet specifications

### Front view

- Inside cabinet width:
- Drawer width:
- Drawer side thickness:
  - Maximum: 19 (3/4")

### Formula for calculating outside drawer width

For drawer side thickness:
- 19 (3/4")
- 18 (23/32")
- 17 (21/32")

Deduct from inside cabinet width:
- 11 (7/16")
- 13 (1/2")
- 14 (9/16")

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

### Drawer back preparation

- Minimum 3 screws per bracket.

### Profile mounting specifications

- Profile close-up:
  - 32 (1-1/4")
  - 33 (1-5/16")
  - 6 (1/4")
  - 9 (11/32") typ.

- Inside cabinet depth:
- Profile length:
- 4 (5/32") Setback

### System or #7 profile mounting screws

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

### Profile mounting specifications

<table>
<thead>
<tr>
<th>TANDEM plus BLUMOTION</th>
<th>Drawer length</th>
<th>Inside cabinet depth with bracket</th>
<th>Profile length</th>
<th>System screw locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>562F3050C</td>
<td>305 (12&quot;)</td>
<td>369 (14-9/16&quot;)</td>
<td>317 (12-1/2&quot;)</td>
<td>A 165 (6-1/2&quot;)</td>
</tr>
<tr>
<td>562F3050B</td>
<td>381 (15&quot;)</td>
<td>446 (17-9/16&quot;)</td>
<td>394 (15-1/2&quot;)</td>
<td>A 165 (6-1/2&quot;)</td>
</tr>
<tr>
<td>562F3810C</td>
<td>457 (18&quot;)</td>
<td>522 (20-9/16&quot;)</td>
<td>470 (18-1/2&quot;)</td>
<td>A 261 (10-1/4&quot;)</td>
</tr>
<tr>
<td>562F3810B</td>
<td>533 (21&quot;)</td>
<td>598 (23-9/16&quot;)</td>
<td>555 (21-7/8&quot;)</td>
<td>A 261 (10-1/4&quot;)</td>
</tr>
</tbody>
</table>

- Dimensions in millimeters (inch equivalents as noted)
- Subject to technical modifications without notice. © 2006

[www.cabinetparts.com](http://www.cabinetparts.com)
TANDEM plus 568H / 568. heavy duty drawer runners

Overlay application

Description
- Full extension concealed drawer runners with integrated BLUMOTION
- For 16 (5/8") max. drawer side thickness
- Frame applications must be blocked out
- Rear tilt adjustment
- 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 weight capacity of 110 lb
- Static weight capacity of 125 lb

Basic components

Other applications

Components

Profile set

For overall cabinet depth Drawer length Over extension TANDEM plus BLUMOTION
533 (21") 457 (18") 0 568H4570B
610 (24") 533 (21") 0 568H5330B
686 (27") 610 (24") 19 (3/4") 568.6100B
762 (30") 686 (27") 20 (13/16") 568.6860B
838 (33") 762 (30") 28 (1-1/8") 568.7620B

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

Standard locking device

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

Installation

Using TANDEM page 13
Drawer preparation page 14
Accessories page 45
Assembly aids page 47

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006

www.cabinetparts.com
Drawer and cabinet specifications

Front view

System or #7 profile mounting screws

Profile close-up

Profile mounting specifications

Formula for calculating outside drawer width

For drawer side thickness

<table>
<thead>
<tr>
<th>Drawer side thickness</th>
<th>16 (5/8&quot;)</th>
<th>15 (19/32&quot;)</th>
<th>14 (9/16&quot;)</th>
<th>13 (1/2&quot;)</th>
<th>12 (15/32&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deduct from inside cabinet width</td>
<td>10 (3/8&quot;)</td>
<td>12 (15/32&quot;)</td>
<td>14 (9/16&quot;)</td>
<td>16 (5/8&quot;)</td>
<td>18 (23/32&quot;)</td>
</tr>
</tbody>
</table>

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

Profile length

Inside cabinet depth

TANDEM plus BLUMOTION

<table>
<thead>
<tr>
<th>Drawer length</th>
<th>Minimum inside cabinet depth</th>
<th>Profile length</th>
<th>System screw locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>568H4570B</td>
<td>457 (18&quot;)</td>
<td>477 (18-3/4&quot;)</td>
<td>470 (18-1/2&quot;)</td>
</tr>
<tr>
<td>568H5330B</td>
<td>533 (21&quot;)</td>
<td>553 (21-3/4&quot;)</td>
<td>546 (21-1/2&quot;)</td>
</tr>
<tr>
<td>568.6100B</td>
<td>610 (24&quot;)</td>
<td>633 (24-15/16&quot;)</td>
<td>626 (24-11/16&quot;)</td>
</tr>
<tr>
<td>568.6860B</td>
<td>686 (27&quot;)</td>
<td>703 (27-11/16&quot;)</td>
<td>696 (27-7/16&quot;)</td>
</tr>
<tr>
<td>568.7620B</td>
<td>762 (30&quot;)</td>
<td>778 (30-5/8&quot;)</td>
<td>771 (30-3/8&quot;)</td>
</tr>
</tbody>
</table>

www.cabinetparts.com
Overlay application

Description
- Full extension concealed drawer runners with integrated BLUMOTION
- For 19 (3/4") max. drawer side thickness
- Frame applications must be blocked out
- Rear tilt adjustment
- 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 weight capacity of 110 lb
- Static weight capacity of 125 lb

Basic components

Components

Profile set

For overall cabinet depth | Drawer length | Over extension | TANDEM plus BLUMOTION
--- | --- | --- | ---
533 (21") | 457 (18") | 0 | 568F4570B
610 (24") | 533 (21") | 0 | 568F5330B
686 (27") | 610 (24") | 19 (3/4") | 568A6100B
762 (30") | 686 (27") | 20 (13/16") | 568A6860B
838 (33") | 762 (30") | 28 (1-1/8") | 568A7620B

Note: These runners are for 19 (3/4") max. drawer side thickness

Overlay application

Other applications

Inset drawer pg. 27
Bottom mount pg. 32
SPACE CORNER pg. 33
ORGA-LINE pg. 35
Deep drawer pg. 39

Standard locking device

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

Installation

Right
T51.1700.04 R

Left
T51.1700.04 L

Installation screws
612TH

Note: These runners are for 19 (3/4") max. drawer side thickness
Drawer and cabinet specifications

Formula for calculating outside drawer width

| For drawer side thickness | 19 (3/4") | 18 (23/32") | 17 (21/32") |
| Deduct from inside cabinet width | 11 (7/16") | 13 (1/2") | 14 (9/16") |

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

Profile mounting specifications

Profile close-up

<table>
<thead>
<tr>
<th>TANDEM plus BLUMOTION</th>
<th>Drawer length</th>
<th>Minimum inside cabinet depth</th>
<th>Profile length</th>
<th>System screw locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>568F4570B</td>
<td>457 (18&quot;)</td>
<td>477 (18-3/4&quot;)</td>
<td>470 (18-1/2&quot;)</td>
<td>A</td>
</tr>
<tr>
<td>568F5330B</td>
<td>533 (21&quot;)</td>
<td>553 (21-3/4&quot;)</td>
<td>546 (21-1/2&quot;)</td>
<td>261 (10-1/4&quot;)</td>
</tr>
<tr>
<td>568A6100B</td>
<td>610 (24&quot;)</td>
<td>633 (24-15/16&quot;)</td>
<td>626 (24-11/16&quot;)</td>
<td>261 (10-1/4&quot;)</td>
</tr>
<tr>
<td>568A6860B</td>
<td>686 (27&quot;)</td>
<td>703 (27-11/16&quot;)</td>
<td>696 (27-7/16&quot;)</td>
<td>261 (10-1/4&quot;)</td>
</tr>
<tr>
<td>568A7620B</td>
<td>762 (30&quot;)</td>
<td>778 (30-5/8&quot;)</td>
<td>771 (30-3/8&quot;)</td>
<td>261 (10-1/4&quot;)</td>
</tr>
</tbody>
</table>

Note: Frame applications must be blocked out
Inset drawers

Application

- Requires increased setback of cabinet profile
- Frame applications require blocking-out behind face frame

Applications

Frame cabinet

- Profile setback
  - See table on right page
  - Trial recommended
- Blocking behind frame

Panel cabinet or heavy duty application

- Profile setback
  - See table on right page
  - Trial recommended
- Blocking behind frame (heavy duty)

Components

Depth adjustable locking device (inset)

The depth adjustable locking device is especially designed for inset applications to allow installers to perfectly align drawer fronts.

- Offers 4mm (3/16") out adjustment, preset at 0mm
- Designed for 1/2" bottom recess
- Height adjustable +3 (1/8")
- For use with 562 / 568

Depth adjustable locking device (right) T51.1700.PV R
Depth adjustable locking device (left) T51.1700.PV L
Installation screws 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-plated steel
- Not for use with 568

Non-handed bracket 295.3750
Installation screws 612TH

Using TANDEM page 13
Drawer preparation page 14
Accessories page 45
Assembly aids page 47
Installation

Mounting the TANDEM profile for inset application

Setbacks shown are for drawer fronts that are flush with the face frame. For recessed drawer fronts or to allow for adjustability, the setback must be increased.

After installation, adjust the locking device until the drawer front is in the desired position (out adjustment only).

Depth adjustment

Turning the adjustment screw gives up to 4mm (3/16") out adjustment.

Note: Runner cannot be mounted below opening.

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006
Narrow drawers

Application

- For interior drawer width of 95 (3-3/4") to 121 (4-3/4")
- Special narrow locking device required
- Maximum load rating for narrow drawer locking device is 25 lb.
- Minimum 16 (5/8") drawer material
- Single or full extension

Description

Components

Profile set

Narrow drawer application is possible with any TANDEM, TANDEM plus or TANDEM plus BLUMOTION profile. See the installation instructions for the profile used.

Basic components

Partial extension
- 552H series  page 15
- 552F series  page 17

Full extension
- 562H series  page 19
- 562F series  page 21

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-plated steel
- For use with 552 / 562

Narrow drawer locking device

- One right and one left required per drawer
- Maximum load rating of 25 lb.
- For interior drawer width of 95 (3-3/4") to 121 (4-3/4")
- Requires 13 (1/2") drawer bottom recess
- Requires 16 (5/8") min. sub front thickness
- Height adjustable +3 (1/8")
- For use with 552 / 562

| Right | T51.0700.20 R |
| Left  | T51.0700.20 L |
|       | 606N or 606P  |

Using TANDEM  page 13  Drawer preparation  page 14  Accessories  page 45  Assembly aids  page 47
**Drawer and cabinet specifications**

**Attaching locking devices**

1. Position locking device in front corner of the drawer
2. Prebore locking device mounting screw holes with Ø2.5mm piloting bit
3. Attach with two 606N or 606P screws
4. Repeat on the other side

**Note:** A minimum of 16 (5/8") drawer material is required for mounting the narrow drawer locking device
**Roll-out shelf**

### Application

- For min. 16 (5/8") drawer side material and TANDEM 552H or 562H series runners
- Dynamic weight capacity of 75 lb

### Description

- Eliminates the need to edge bore holes for hooks on roll-outs
- Min. 16 (5/8") material
- Can be used with 552H and 562H TANDEM runners

### Basic components

- **Rear mounting block**
  - Attach rear mounting block to the back of the tray instead of notching and boring.
  - Eliminates the need to edge bore holes for hooks on roll-outs
  - Min. 16 (5/8") material
  - Can be used with 552H and 562H TANDEM runners

### Components

**Tray assembly**

- Positive stop locking device for roll-out applications
- T51.1700.PO
- Align inside of mounting block tip with inside edge of the apron
- Set side apron 1/8" from back shelf panel

**Rear mounting block**

- T51.7000
- 606N or 606P

**Tray size and position in opening**

**Formula for calculating outside tray width for H series**

<table>
<thead>
<tr>
<th>Apron thickness (X)</th>
<th>Inside cabinet width (X)</th>
<th>Outside tray width</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 (5/8&quot;)</td>
<td>10 (3/8&quot;)</td>
<td></td>
</tr>
<tr>
<td>15 (19/32&quot;)</td>
<td>12 (1/2&quot;)</td>
<td></td>
</tr>
<tr>
<td>14 (9/16&quot;)</td>
<td>13 (3/8&quot;)</td>
<td></td>
</tr>
<tr>
<td>13 (1/2&quot;)</td>
<td>12 (15/32&quot;)</td>
<td></td>
</tr>
<tr>
<td>12 (15/32&quot;)</td>
<td>13 (3/8&quot;)</td>
<td></td>
</tr>
<tr>
<td>11 (5/8&quot;)</td>
<td>12 (15/32&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

**Positive stop locking device**

- For use when a precise stopping position is required.
- One right and one left required per drawer
- For interior roll out applications
- Height adjustable +3 (1/8")
- For use with 552 / 562

**installation screws**

- T51.1700.PO R
- T51.1700.PO L
- 612TH

**Installation**

- Right
- Left
- Installation screws
- page 14

**Dimensions in millimeters (inch equivalents as noted)**

Subject to technical modifications without notice. © 2006
Bottom mount drawer

Application

Description
- Possible with any TANDEM runners
- Dynamic weight capacity of 75 lb regular or 110 lb heavy duty

Basic components

Subject to technical modifications without notice. © 2006
**Application**

- Use longer length heavy duty TANDEM plus BLUMOTION runners
- Requires special cabinet and drawer construction (see note below)
- For 5/8” max. drawer side material use TANDEM plus 568. series or for 3/4” max. use TANDEM plus 568A series
- Dynamic weight capacity of 110 lb
- Static weight capacity of 125 lb

**Components**

**Profile set**

- One set required per drawer

<table>
<thead>
<tr>
<th>Corner cabinet size</th>
<th>Max. 5/8” drawer side thickness</th>
<th>Max. 3/4” drawer side thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>36”, 39” or 42”</td>
<td>568.6860B</td>
<td>568A6860B</td>
</tr>
</tbody>
</table>

**Note:** SPACE CORNER requires special cabinet and drawer construction. See suggestions on cabinet construction at www.blum.us and select Products, Drawer Runners, TANDEM, then look for the SPACE CORNER link.

**Standard locking device**

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

**Measuring corner cabinet size**

- Corner cabinet size

**Installation**

- Right: T51.1700.04 R
- Left: T51.1700.04 L
- Installation screws: 612TH

**Using TANDEM** page 13  **Drawer preparation** page 14  **Accessories** page 41  **Assembly aids** page 43
**Mounting locations**

<table>
<thead>
<tr>
<th>TANDEM plus BLUMOTION</th>
<th>Drawer material</th>
<th>Setback</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>568.6860B</td>
<td>16 (5/8&quot;)</td>
<td>108 (4-1/4&quot;)</td>
<td>114 (4-1/2&quot;)</td>
<td>141 (5-9/16&quot;)</td>
<td>365 (14-3/8&quot;)</td>
<td>493 (19-3/8&quot;)</td>
</tr>
<tr>
<td>568A6860B</td>
<td>19 (3/4&quot;)</td>
<td>117 (4-5/8&quot;)</td>
<td>123 (4-7/8&quot;)</td>
<td>150 (5-15/16&quot;)</td>
<td>374 (14-3/4&quot;)</td>
<td>502 (19-3/4&quot;)</td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006

www.cabinetparts.com
Application

- Quick and easy removal of spice tray from cabinet
- Form fitting locating tabs with anti-slip surface
- Contents visible due to angled surface
- Dishwasher safe to 170° F

Specifications

Installation

Removal

Dimensions

Spice tray set
ZFZ.38G01

ZFZ.38G01

120 (4-3/4")
190 (7-1/2")
504 (19-7/8")
282 (11-1/8")

www.cabinetparts.com
**Product**

**Description**
- Attaches to ORGA-LINE utensil set or drawer bottom
- Holds up to 9 knives of different sizes
- Plastic and stainless steel construction
- Dishwasher safe to 170° F
- Four handle supports for large knives

**Basic components**

**Specifications**

<table>
<thead>
<tr>
<th>Handle supports</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. 9 knives</td>
<td>4 included</td>
</tr>
</tbody>
</table>

**Installation with ORGA-LINE set** (no attachment screws required)

**Mounting to drawer bottom** (attachment screws required)

1. 
2. 
3. 
4.
Product Description Application

- ORGA-LINE flexible dividing system
- High quality stainless steel utensil dividers combined with wear resistant nylon parts in dust gray (R737)
- Removable, dishwasher safe cutlery trays
- Spring-loaded compensation tray and side rails
- Designed for drawer side thickness of 13 (1/2") to 19 (3/4")
- For 533 (21") or 457 (18") drawer lengths

Specifications

Tray dimensions

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>88 (3-1/2&quot;)</td>
<td>88 (3-1/2&quot;)</td>
</tr>
<tr>
<td>176 (7&quot;)</td>
<td>264 (10-3/8&quot;)</td>
</tr>
</tbody>
</table>

Set heights

- 64 (2-9/16")

Example of 21" drawer with ZHI.533BI3A

Example of 18" drawer with ZHI.457GI3A

Inside drawer length must be within this range for the spring-loaded side rails to fit properly.

Using TANDEM page 13 Drawer preparation page 14 Accessories page 41 Assembly aids page 43

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006
Utensil sets

15" wide cabinets with 1-1/2" frames and 5/8" thick drawer sides

- 11-5/8"
- 6-1/8"
- 4-1/4"

18" Drawer length  ZHI.457FI1A
21" Drawer length  ZHI.533FI1A

21" wide cabinets with 1-1/2" frames and 5/8" thick drawer sides

- 17-5/8"
- 4-13/16"
- 11-9/16"

18" Drawer length  ZHI.457FI3A
21" Drawer length  ZHI.533FI3A

21" wide cabinets with 1-1/2" frames and 5/8" thick drawer sides

- 17-5/8"
- 4-1/2"
- 11-7/8"

18" Drawer length  ZHI.457GI3A
21" Drawer length  ZHI.533MI3A

Compensation tray not included with ZHI.457GI3A

Dimensions in inches
Subject to technical modifications without notice. © 2006
Cutlery sets

15" wide cabinets with 1-1/2" frames and 5/8" thick drawer sides

21" wide cabinets with 1-1/2" frames and 5/8" thick drawer sides

24" wide cabinets with 1-1/2" frames and 5/8" thick drawer sides
Special applications

Exact fit for 21” wide cabinets with 1-1/2” frames and 5/8” thick drawer sides

Adjusts from 15-3/4” to 16-1/2” wide to completely fill a drawer in a 21” wide cabinet.

Adjustable section

21” Drawer length

ZHI.533TI4A

Exact fit for 24” wide cabinets with 1-1/2” frames and 5/8” thick drawer sides

Adjusts from 18-3/4” to 19-1/2” wide to completely fill a drawer in a 24” wide cabinet.

Adjustable section

21” Drawer length

ZHI.533TI5A

Applications for wider drawers

For wide drawers use combinations of ORGA-LINE sets to maximize storage space and organization. Examples:

Applications for wider drawers

For wide drawers use combinations of ORGA-LINE sets to maximize storage space and organization. Examples:
Application
- High quality stainless steel utensil dividers combined with wear resistant nylon parts in dust gray (R737)
- Removable, dishwasher safe

Specifications

Tray dimensions

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>ZSI.010SI</th>
<th>ZSI.020SI</th>
<th>ZSI.030SI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>88 (3-1/2&quot;)</td>
<td>88 (3-1/2&quot;)</td>
<td>88 (3-1/2&quot;)</td>
</tr>
<tr>
<td>Width</td>
<td>88 (3-1/2&quot;)</td>
<td>88 (3-1/2&quot;)</td>
<td>88 (3-1/2&quot;)</td>
</tr>
<tr>
<td>Depth</td>
<td>88 (3-1/2&quot;)</td>
<td>88 (3-1/2&quot;)</td>
<td>88 (3-1/2&quot;)</td>
</tr>
</tbody>
</table>

Set height

| Height          | 64 (2-9/16") |

Tray height

<table>
<thead>
<tr>
<th>Height</th>
<th>88 (3-1/2&quot;)</th>
</tr>
</thead>
</table>
Application

- Trays and dividers available separately
- Wear resistant nylon parts in dust gray (R737)
- Spring-loaded ends

Specifications

Cross Dividers

Single Divider

Double Divider
ORGA-LINE for deep drawers

Application

- Deep drawer organization for TANDEM
- 21" wood drawers
- Cut to size cross dividers to fit drawers with an interior width of up to 44-5/8"
- Spring-loaded interior side rails
- Clip-on lateral dividers
- For drawer thicknesses of 5/8" or 3/4"
- Minimum inside drawer height 135 (5-1/4")
- Available in gray (R906)

Description

Components

- Deep drawer organization for TANDEM 21" wood drawers
- Cut to size cross dividers to fit drawers with an interior width of up to 44-5/8"
- Spring-loaded interior side rails
- Clip-on lateral dividers
- For drawer thicknesses of 5/8" or 3/4"
- Minimum inside drawer height 135 (5-1/4")
- Available in gray (R906)

Use

Note: Metal cutting blade recommended for cutting cross dividers

Components

- Deep drawer organization for TANDEM 21" wood drawers
- Cut to size cross dividers to fit drawers with an interior width of up to 44-5/8"
- Spring-loaded interior side rails
- Clip-on lateral dividers
- For drawer thicknesses of 5/8" or 3/4"
- Minimum inside drawer height 135 (5-1/4")
- Available in gray (R906)

Set includes:

- A 2 Cross dividers
- B 4 Spring connectors
- C 2 Interior side rails
- D 6 Lateral dividers

[A] Cross divider

1077 (42-1/4"), cut to size Aluminum core

W = inside drawer width minus 62 (2-7/16")
Max. inside drawer width = 1139 (44-5/8")

Gray (R906) Z40H1077A

[B] Spring connector

Dust gray (R737) Z40H000A

[C] Interior side rail

Gray (R906) ZHI.533S65

[D] Lateral divider

Gray (R906) Z43H100S.01

Note: Metal cutting blade recommended for cutting cross dividers

ORGA-LINE deep drawer kit for TANDEM

Set includes:

- A 2 Cross dividers
- B 4 Spring connectors
- C 2 Interior side rails
- D 6 Lateral dividers

[A] Cross divider

1077 (42-1/4"), cut to size Aluminum core

W = inside drawer width minus 62 (2-7/16")
Max. inside drawer width = 1139 (44-5/8")

Gray (R906) Z40H1077A

[B] Spring connector

Dust gray (R737) Z40H000A

[C] Interior side rail

Gray (R906) ZHI.533S65

[D] Lateral divider

Gray (R906) Z43H100S.01

Note: Metal cutting blade recommended for cutting cross dividers

ORGA-LINE deep drawer kit for TANDEM ZFI.12HVAE
Food

Containers

Pots / Pans

Plates

2 to 4 plate holders
- For storing plates in deep drawers
- Overall height 171 (6-3/4")
- Adjusts to hold plates from 180 (7-1/16") to 320 (12-5/8")
- Non-slip bottom
- High quality plastic and stainless steel

Dust gray (R737) ZTH.0350
Accessories

Screws

Deep thread system screws

Use to attach cabinet profiles

Pilot bore Ø5 (3/16") hole

13(1/2"), #2 POZI 661.1300HG
14.5(9/16"), #2 POZI 661.1450HG

Deep thread wood screws

707N or 7034N to attach cabinet profiles

606N or 606P to attach narrow locking device

#6x5/8", #2 Phillips 606N
#6x5/8", #2 POZI 606P
#7x5/8", #2 Phillips 707N
#7x3/4", #2 Phillips 7034N

Truss head wood screw

Use to attach locking devices

Pilot bore Ø2.5 (3/32") hole

#6x1/2", truss head 612TH

Bumpers

Cushions drawer closing
Self-adhesive back, clear

6(1/4") dia. x 1.5(1/16") FX4041
10(3/8") dia. x 3(1/8") SJ5312

POZI DRIVER and bits

A POZI screwdriver (different from Phillips) is the most crucial tool you can use to assure that full torque is applied to all Blum mounting screws. POZI screws can be identified by the distinctive "tick" marks located in the center of the screw head recess.

#2x1" POZI bit insert POZI BIT #2x1
#2 POZI DRIVER POZI DRIVER
1/4" bit holder BIT HOLDER

Universal bracket kit

For bottom mount applications

- Includes (4) brackets
- Includes (8) M4 screws

Universal bracket kit 295.4000

Dimensions

Dimensions in millimeters (inch equivalents as noted)

Subject to technical modifications without notice. © 2006

www.cabinetparts.com
**TANDEM end cap**

- To cover the front edge of TANDEM cabinet profiles when used in an interior roll-out application
- Can be used with all 562H and 568H and 568. series runners

Right end cap  295.5520  
Left end cap   295.5521

**Side spacer**

For spacing out TANDEM runners from the cabinet side for clearance on interior roll-outs

Spacer  T59.3570

**Drawer front adjuster**

Nylon housing with pre-mounted 8-32 steel nut. For 4-sided drawers. Adjusts height and side-to-side by 5 (3/16").

Drawer front adjuster  295.1000

**Using the drawer front adjuster**

1. Insert drawer front adjusters manually or with a MINIPRESS insertion ram (MZM.0095)
2. Install and adjust drawer front

Dimensions in millimeters  
Subject to technical modifications without notice. © 2006  
www.cabinetparts.com
Assembly aids

TANDEM template

- Essential tool for drawers using TANDEM runners
- To bore the Ø6mm holes for rear hooks
- To pilot bore Ø2.5mm hole for TANDEM locking devices at 12° angle

TANDEM template  T65.1000.02
Accessories (order separately)
Ø2.5mm drill bit  DB-2.5mm
Ø6mm drill bit  DB-6mm
Tool set  T65.9000

Drawer front adjuster marking gauge

For marking center holes for knock-in drawer front adjusters.
For wooden 4-sided drawers.

Marking gauge  65.2950.10

Using the marking gauge

1. Bore for front adjusters. Insert marking gauges into drawer front.
2. Align the drawer front to make marks in the drawer box.
3. Mark fixing positions with a light tap onto the drawer front.
4. Drill Ø5 (3/16") holes through the drawer box.

Using the TANDEM template

1. Bore rear fixing holes.
2. Bore pilot holes for locking device screws.

Tool set

1. Ø2.5mm drill bit extension
2. Ø6mm stop collar
3. Screwdriver tip
4. Allen key

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006
Cabinet profile template

- For determining cabinet profile positions using the integrated ruler
- Template can be used with assembled or unassembled cabinets
- Ensures precise and level location of cabinet profiles
- Suitable for all Blum drawer runners (except SOLO)

Cabinet profile template parts
- Metric calibrated bar, 1 meter long
- Adjustable templates (4 pcs.)
- Clamping lever
- Extension for Ø2.5mm drill bit

Using the TANDEM template

1. Determine runner locations and set templates on the bar by using the integrated scale.
2. Clamp assembly to the cabinet side.
3. Bore Ø2.5mm pilot holes through templates for front and middle mounting positions.
4. Fasten runners to cabinet sides with required screws into pre-bored holes. Add extra screws as required for strength.

Cabinet profile template  T65.5000.01
Accessories (order separately)
Ø2.5mm drill bit  DB-2.5mm

Dimensions in millimeters (inch equivalents as noted)
Subject to technical modifications without notice. © 2006
Blum, Inc. is ISO 9001 certified which means that you are assured of consistent quality in every Blum product. As with all Blum hardware, TANDEM concealed runners are backed with a lifetime guarantee. What’s more, they exceed the requirements of ANSI-BHMA standards for cycle life, static load and self-closing performance. Contact your local Blum representative for more details.

**Testing standards**

**Dynamic wear test**
100,000 open/close cycles with a total weight of 34kg (75lb) on 552 / 562 or 50kg (110lb) on TANDEM 568 runners.

**Static load test**
10 times for 10 seconds each time when completely extended, 15 kg (34 lb.) is applied to the corner of the drawer front of a fully loaded drawer.

**Side pressure test**
10 times for 10 seconds each time when completely extended, 5kg (11lb.) is applied to the side of the drawer front of a fully loaded drawer.

All Blum runners must pass these tests without showing a measurable reduction in performance or deviation in adjustment position. Testing standards vary between products and applications.

All Blum runners meet or exceed ANSI/BHMA grade 1 requirements.
Assembly, removal and adjustment

Height adjustment

1. Press up on adjustment latch.
2. Push toward back of drawer.
   Max. 3mm (1/8") rise of drawer

Tilt adjustment

Drawer preparation

1. Squeeze orange handles on locking devices.
2. Pull drawer out and up.

Drawer box insertion

Place drawer on runners and close, locking devices will automatically engage runners.

Drawer box removal

1. Squeeze orange handles on locking devices.
2. Pull drawer out and up.

ORGA-LINE tray set assembly

ORGA-LINE deep drawer assembly
### Part number index

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>295.1000</td>
<td>46</td>
</tr>
<tr>
<td>295.3750</td>
<td>15-21, 27, 29</td>
</tr>
<tr>
<td>295.4000</td>
<td>32, 45</td>
</tr>
<tr>
<td>295.520</td>
<td>46</td>
</tr>
<tr>
<td>295.521</td>
<td>46</td>
</tr>
<tr>
<td>552F2290N</td>
<td>17-18, 21-22</td>
</tr>
<tr>
<td>552F3050N</td>
<td>17-18</td>
</tr>
<tr>
<td>552F3810N</td>
<td>17-18</td>
</tr>
<tr>
<td>552F4570N</td>
<td>17-18</td>
</tr>
<tr>
<td>552F5330N</td>
<td>17-18</td>
</tr>
<tr>
<td>552H2290N</td>
<td>15-16</td>
</tr>
<tr>
<td>552H3050N</td>
<td>15-16</td>
</tr>
<tr>
<td>552H3810N</td>
<td>15-16</td>
</tr>
<tr>
<td>552H4570N</td>
<td>15-16</td>
</tr>
<tr>
<td>552H5330N</td>
<td>15-16</td>
</tr>
<tr>
<td>562F3050B</td>
<td>21-22</td>
</tr>
<tr>
<td>562F3050C</td>
<td>21-22</td>
</tr>
<tr>
<td>562F3810B</td>
<td>21-22</td>
</tr>
<tr>
<td>562F3810C</td>
<td>21-22</td>
</tr>
<tr>
<td>562F4570B</td>
<td>21-22</td>
</tr>
<tr>
<td>562F4570C</td>
<td>21-22</td>
</tr>
<tr>
<td>562F5330B</td>
<td>21-22</td>
</tr>
<tr>
<td>562F5330C</td>
<td>21-22</td>
</tr>
<tr>
<td>562H3050B</td>
<td>19-20</td>
</tr>
<tr>
<td>562H3050C</td>
<td>19-20</td>
</tr>
<tr>
<td>562H3810B</td>
<td>19-20</td>
</tr>
<tr>
<td>562H3810C</td>
<td>19-20</td>
</tr>
<tr>
<td>562H4570B</td>
<td>19-20</td>
</tr>
<tr>
<td>562H4570C</td>
<td>19-20</td>
</tr>
<tr>
<td>562H5330B</td>
<td>19-20</td>
</tr>
<tr>
<td>562H5330C</td>
<td>19-20</td>
</tr>
<tr>
<td>568.6100B</td>
<td>23-24</td>
</tr>
<tr>
<td>568.6860B</td>
<td>23-24, 33</td>
</tr>
<tr>
<td>568.7620B</td>
<td>23-24</td>
</tr>
<tr>
<td>568A6100B</td>
<td>25-26</td>
</tr>
<tr>
<td>568A6860B</td>
<td>25-26, 33-34</td>
</tr>
<tr>
<td>568A7620B</td>
<td>25-26</td>
</tr>
<tr>
<td>568F4570B</td>
<td>25-26</td>
</tr>
<tr>
<td>568F5330B</td>
<td>25-26</td>
</tr>
<tr>
<td>568H4570B</td>
<td>23-24</td>
</tr>
<tr>
<td>568H5330B</td>
<td>23-24</td>
</tr>
<tr>
<td>606N</td>
<td>29, 45</td>
</tr>
<tr>
<td>606P</td>
<td>29, 45</td>
</tr>
<tr>
<td>612TH</td>
<td>15-31, 45</td>
</tr>
<tr>
<td>65.2950.10</td>
<td>47</td>
</tr>
<tr>
<td>661.1300HG</td>
<td>45-46</td>
</tr>
<tr>
<td>661.1450HG</td>
<td>45</td>
</tr>
<tr>
<td>7034N</td>
<td>45</td>
</tr>
<tr>
<td>707N</td>
<td>45</td>
</tr>
<tr>
<td>BIT HOLDER</td>
<td>45</td>
</tr>
<tr>
<td>DB-2.5mm</td>
<td>47, 48</td>
</tr>
<tr>
<td>DB-6mm</td>
<td>47</td>
</tr>
<tr>
<td>FX4041</td>
<td>45</td>
</tr>
<tr>
<td>M4</td>
<td>45</td>
</tr>
<tr>
<td>POZI BIT #2x1</td>
<td>45</td>
</tr>
<tr>
<td>POZI DRIVER</td>
<td>45</td>
</tr>
<tr>
<td>SJ5312</td>
<td>45</td>
</tr>
<tr>
<td>T51.0700.20 L</td>
<td>29</td>
</tr>
<tr>
<td>T51.0700.20 R</td>
<td>29</td>
</tr>
<tr>
<td>T51.1700.04 L</td>
<td>15-25, 33</td>
</tr>
<tr>
<td>T51.1700.04 R</td>
<td>15-25, 33</td>
</tr>
<tr>
<td>T51.1700.PO L</td>
<td>31</td>
</tr>
<tr>
<td>T51.1700.PO R</td>
<td>31</td>
</tr>
<tr>
<td>T51.1700.PV L</td>
<td>27</td>
</tr>
<tr>
<td>T51.1700.PV R</td>
<td>27</td>
</tr>
<tr>
<td>T51.7000</td>
<td>31</td>
</tr>
<tr>
<td>T59.3570</td>
<td>46</td>
</tr>
<tr>
<td>T65.1000.02</td>
<td>47</td>
</tr>
<tr>
<td>T65.5000.01</td>
<td>48</td>
</tr>
<tr>
<td>T65.9000</td>
<td>47</td>
</tr>
<tr>
<td>Z40H000A</td>
<td>43</td>
</tr>
<tr>
<td>Z40H1077A</td>
<td>43</td>
</tr>
<tr>
<td>Z43H100S.01</td>
<td>43</td>
</tr>
<tr>
<td>ZFI.12HVAE</td>
<td>43</td>
</tr>
<tr>
<td>ZFZ.380G0I</td>
<td>35</td>
</tr>
<tr>
<td>ZHL.457FI1A</td>
<td>38</td>
</tr>
<tr>
<td>ZHL.457GI3A</td>
<td>38</td>
</tr>
<tr>
<td>ZHL.533BI1A</td>
<td>39</td>
</tr>
<tr>
<td>ZHL.533BI3A</td>
<td>39</td>
</tr>
<tr>
<td>ZHL.533FI3A</td>
<td>38</td>
</tr>
<tr>
<td>ZHL.533KI4A</td>
<td>39, 43</td>
</tr>
<tr>
<td>ZHL.533MI3A</td>
<td>38, 43</td>
</tr>
<tr>
<td>ZHL.533SS65</td>
<td>43</td>
</tr>
<tr>
<td>ZHL.533TI4A</td>
<td>40</td>
</tr>
<tr>
<td>ZHL.533TI5A</td>
<td>40</td>
</tr>
<tr>
<td>ZTH.0350</td>
<td>44</td>
</tr>
</tbody>
</table>

Subjects to technical modifications without notice. © 2006
Information is also available on these other Blum products:

- AVENTOS lift systems
- Blum Concealed hinges: CLIP top, CLIP, MODUL, and COMPACT
- BLUMOTION for doors
- DYNAMIC SPACE
- Machine and assembly aids
- METABOX drawer system
- ORGA-LINE organization system
- POCKET DOOR hardware
- STANDARD drawer runners
- SOLO concealed runners
- TANDEM concealed runners
- TANDEMBOX drawer system