Simple, handleless, good:
Push to open for hinges

Technik für Möbel

Hettich
Push to open opening system for handleless furniture fronts

- Push to open for hinges

Simple, handleless, good:
Push to open for hinges
A gentle press on the door is all it takes for the Push to open piston to move the door into a position that easily lets you get your fingers behind to open it. Depending on use, the door remains in piston end position or swings open widely. The door is closed by pressing on it again.

Take advantage of market potentials:
Simply make furniture stand apart with handleless design - with Push to open from Hettich

Costs under control:
You can also use Push to open with standard hinges and Push to open Pin while leaving production processes unchanged

Maximum customer satisfaction:
Reliable operation, unauthorised unlocking ruled out. Any installation tolerances can be corrected by the large adjustment range.

Future proof and versatile:
Meet tomorrow’s demands the easy way. Whichever way furniture trends go, our comprehensive product range has the answer.
Push to open opening system for handleless furniture fronts

Summary

- Push to open for hinges
  - Range summary / technical comparison
  - Application areas / recommended applications

- Push to open Magnet
  - For screwing on
  - For drilling in

- Accessories
  - Assembly aids

Technical information
- Installation
### Push to open opening system for handleless furniture fronts

- **Push to open for hinges**
- **Range summary / technical comparison**

<table>
<thead>
<tr>
<th>Push to open Magnet</th>
<th>Push to open Magnet</th>
<th>Designer adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Page</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Hinges without self closing feature</td>
</tr>
<tr>
<td>- Hinges without self closing feature</td>
</tr>
<tr>
<td>- Concealed hinges</td>
</tr>
<tr>
<td>- Hinges without self closing feature</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Door mounting option</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Full overlay</td>
</tr>
<tr>
<td>- Half overlay</td>
</tr>
<tr>
<td>- Inset</td>
</tr>
<tr>
<td>- Full overlay</td>
</tr>
<tr>
<td>- Half overlay</td>
</tr>
<tr>
<td>- Inset (long stroke length)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>- For screwing on</td>
</tr>
<tr>
<td>- For drilling in</td>
</tr>
<tr>
<td>- For screwing on</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material / colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Plastic</td>
</tr>
<tr>
<td>- anthracite</td>
</tr>
<tr>
<td>- light grey</td>
</tr>
<tr>
<td>- white</td>
</tr>
<tr>
<td>- Plastic</td>
</tr>
<tr>
<td>- anthracite</td>
</tr>
<tr>
<td>- light grey</td>
</tr>
<tr>
<td>- white</td>
</tr>
<tr>
<td>- Zinc die-cast nickel plated</td>
</tr>
</tbody>
</table>
### Push to open opening system for handleless furniture fronts

- **Push to open for hinges**
- **Application areas / recommended applications**

<table>
<thead>
<tr>
<th><strong>1 Design</strong></th>
<th><strong>2 Door use</strong></th>
<th><strong>3 Hinge function</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The door is freely accessible from the side. Full overlay (non adjacent components)</td>
<td>Reaching behind the door</td>
<td>with self closing feature</td>
</tr>
<tr>
<td><img src="image1.png" alt="Diagram" /></td>
<td><img src="image2.png" alt="Diagram" /></td>
<td>without self closing feature</td>
</tr>
</tbody>
</table>

| **The door is not freely accessible from the side because it is adjacent to another component.** | Reaching in behind the door | with self closing feature |
| ![Diagram](image3.png) | ![Diagram](image4.png) | without self closing feature |

| **Full overlay** (e.g. adjacent panel, another cabinet) | Reaching in at side of door | with self closing feature |
| ![Diagram](image5.png) | ![Diagram](image6.png) | without self closing feature |
Push to open opening system for handleless furniture fronts

- Push to open Magnet for screwing on
- For hinges without self closing feature

For use with hinges without self closing feature
- Suitable for full overlay, half overlay and inset doors
- Large adjustment range of 6 mm
- Activating gap 1.4 mm
- For using short / long versions, see „Application areas / recommended applications“, page 5
- For installation, see installation notes, pages 10 - 13
- Plastic

Push to open Magnet

Set comprises:
- 1 Push to open Magnet
- 1 adapter top part
- 1 adapter base part
- 1 counterplate for gluing / screwing on

<table>
<thead>
<tr>
<th>Article</th>
<th>Order no. / colour</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>anthracite</td>
<td>light grey</td>
</tr>
<tr>
<td>Long version</td>
<td>9 089 630</td>
<td>9 089 605</td>
</tr>
</tbody>
</table>

Drilling pattern for short version, overlay door or inset door

Drilling pattern for long version, overlay door or inset door
Push to open opening system for handleless furniture fronts

- Push to open Magnet for drilling in
- For hinges without self closing feature

- For use with hinges without self closing feature
- For full overlay doors
- Large adjustment range of 6 mm
- Activating gap 1.4 mm
- For using short / long versions, see „Application areas / recommended applications“, page 5
- For installation, see installation notes, pages 10 - 13
- Plastic

**Push to open Magnet**

Set comprises:
- 1 Push to open Magnet
- 1 counterplate for gluing / screwing on

| Article                   | Order no. / colour (anthracite, light grey, white) | PU
|---------------------------|----------------------------------------------------|---
| Long version              | 9 089 632, 9 089 607, 9 089 593                   | 25 set

**Drilling pattern for short version, overlay door**

**Drilling pattern for long version, overlay door**
Push to open opening system for handleless furniture fronts

- Accessories
- For Push to open Pin / Push to open Magnet, for drill in versions

- High quality design adapter for upgrading furniture range
- For combination with all Push to open drill in versions
- Push to open drill in version must be ordered separately
- Suitable for full overlay, half overlay and inset doors
- Attachment housing material: plastic, anthracite
- Housing material: zinc die-cast nickel plated

Design adapter

Set comprises:
- 1 attachment housing
- 1 design adapter

Drilling pattern for the attachment housing for overlay or inset door with Push to open Pin

Drilling pattern for the attachment housing for overlay or inset door with Push to open Magnet
Push to open opening system for handleless furniture fronts

- Assembly aids
- Drilling jig for Push to open drill in versions

**Drilling jig for Push to open**

- For drilling the horizontal drill hole on the carcase for Push to open drill in version
- Suitable for all material thicknesses
- With drill depth stop
- Drilling bush in hardened steel

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 207 524</td>
<td>1 ea.</td>
</tr>
</tbody>
</table>

**Drilling pattern for short version, Push to open Pin**

- Drilling pattern for long version, Push to open Pin

**Drilling pattern for short version, Push to open Magnet**

- Drilling pattern for long version, Push to open Magnet
Push to open opening system for handleless furniture fronts

- Technical information
- Installation

Installing Push to open for screwing on

- Ø 3.5 x 16

Adjusting Push to open for screwing on

- 6 mm
Push to open opening system for handleless furniture fronts

- **Technical information**
- **Installation**

### Installing Push to open for drilling in

![Installation diagrams](image)

### Installing counterplate for gluing and screwing on

![Installation diagrams](image)

### Adjusting Push to open for drilling in

![Adjustment diagram](image)
Push to open opening system for handleless furniture fronts

- Technical information
- Installation

Installing Push to open design adapter

![Diagram of installation process](image-url)
Hettich takes a responsibility for the world we live in. This awareness defines the strict policy of environmental management that we practise. Our environmental officer has taken personal responsibility for these aspects throughout the group of companies over a period of many years. In addition, a separate environment committee has been established for each production site. We regard statutory provisions as minimum requirements. At significant sites we also implement the stringent EMAS Regulation. And we drive forward developments that in future will help to save even more raw materials and support the necessary endeavours towards sustainability.

Hettich environmental management

In 1996 Hettich started introducing effective environmental management systems under the stringent EMAS Regulation (currently: EC Regulation No. 761/2001, including EN ISO 14.001/2004). This not only enables us to improve our environmental performance on a broad front but also to achieve a high level of safety which, not least, also benefits our customers. This is why we also require our suppliers to meet the necessary minimum standards of environmental protection, industrial safety, health care and social welfare.

The results achieved in the drawer runner and drawer system product segment at the Kirchlengern operation in Germany illustrate the impressive effects these measures have and verifiably demonstrate our tireless endeavours to translate words into action:

Relief to the environment between 1997 and 2008:

| Specific water consumption: | 56 per cent |
| Specific power consumption: | 21 per cent |
| Specific heat consumption: | 84 per cent |
| Specific CO₂ emissions: | 29 per cent |
Hettich standard for product materials

Hettich underpins its commitment by applying an internal standard for product materials. This ensures that every product – from production to disposal – satisfies all environmental requirements. Hettich products are durable. Appropriately foresighted, our rigorous standards are formulated to ensure that international legislation is also met. This provides a reliable base for marketing furniture worldwide.

Zero-energy building – Hettich Forum

The Hettich Forum building with its neutral energy balance is a shining example of future-proof building design. Photovoltaic panels and a solar collection system providing hot water as well as extensive roof greening and use of rain water underscore this building’s overall sustainability concept in just the same way as the broad use of cellulose insulation material from recycled newspapers, highly efficient heat recovery and the bulb-free lighting concept do.

With the Hettich Group having acquired European Commission GreenBuilding Partner status on 5 March 2009, the comprehensive approach demonstrated by the Hettich Forum has also convinced the adjudicating panel of the national "Green Building Award 2009". Hettich received the first prize to be presented in the "New Building" category.
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