<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Push</td>
<td></td>
</tr>
<tr>
<td>Self-opening system</td>
<td></td>
</tr>
<tr>
<td>for handle-less doors</td>
<td></td>
</tr>
<tr>
<td>Mechanical Push</td>
<td></td>
</tr>
<tr>
<td>Retaining catches for wooden</td>
<td>page 6</td>
</tr>
<tr>
<td>doors</td>
<td></td>
</tr>
<tr>
<td>Retaining catches for</td>
<td>page 10</td>
</tr>
<tr>
<td>aluminium-frame doors</td>
<td></td>
</tr>
<tr>
<td>Adapters</td>
<td>page 11</td>
</tr>
<tr>
<td>Spacers and insertion tool for</td>
<td>page 12</td>
</tr>
<tr>
<td>retaining catch</td>
<td></td>
</tr>
<tr>
<td>Assembly instructions and</td>
<td>page 13</td>
</tr>
<tr>
<td>drillings</td>
<td></td>
</tr>
<tr>
<td>Magnetic Push</td>
<td>page 18</td>
</tr>
<tr>
<td>Adapters</td>
<td>page 19</td>
</tr>
<tr>
<td>Magnetic release device and</td>
<td>page 20</td>
</tr>
<tr>
<td>retaining catch application</td>
<td></td>
</tr>
<tr>
<td>Adjustable magnetic retaining</td>
<td>page 23</td>
</tr>
<tr>
<td>catch application</td>
<td></td>
</tr>
<tr>
<td>Complementary hinges:</td>
<td></td>
</tr>
<tr>
<td>for wooden doors with positive</td>
<td>page 34</td>
</tr>
<tr>
<td>angled assembly</td>
<td></td>
</tr>
<tr>
<td>crampon hinges</td>
<td>page 36</td>
</tr>
<tr>
<td>Series 200</td>
<td></td>
</tr>
<tr>
<td>Technical features</td>
<td>page 26</td>
</tr>
<tr>
<td>94° opening</td>
<td>page 28</td>
</tr>
<tr>
<td>110° opening</td>
<td>page 30</td>
</tr>
<tr>
<td>155° opening for thicker doors</td>
<td>page 32</td>
</tr>
<tr>
<td>Complementary hinges:</td>
<td></td>
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<tr>
<td>for wooden doors with positive</td>
<td>page 34</td>
</tr>
<tr>
<td>angled assembly</td>
<td></td>
</tr>
<tr>
<td>crampon hinges</td>
<td>page 36</td>
</tr>
<tr>
<td>For metal profiles</td>
<td></td>
</tr>
<tr>
<td>Series 200</td>
<td>page 40</td>
</tr>
<tr>
<td>105° opening</td>
<td>page 41</td>
</tr>
<tr>
<td>Complementary hinges</td>
<td>page 42</td>
</tr>
<tr>
<td>Crampon hinges</td>
<td></td>
</tr>
<tr>
<td>Series B</td>
<td></td>
</tr>
<tr>
<td>Hinges that need to be</td>
<td></td>
</tr>
<tr>
<td>bonded to glass</td>
<td>page 44</td>
</tr>
<tr>
<td>For glass doors</td>
<td>page 45</td>
</tr>
<tr>
<td>Technical features</td>
<td></td>
</tr>
<tr>
<td>110° opening</td>
<td></td>
</tr>
<tr>
<td>Series B</td>
<td></td>
</tr>
<tr>
<td>Hinges for doors with</td>
<td>page 46</td>
</tr>
<tr>
<td>a minimum thickness of 8 mm</td>
<td>page 47</td>
</tr>
<tr>
<td>Doors made with special</td>
<td></td>
</tr>
<tr>
<td>materials</td>
<td>page 48</td>
</tr>
<tr>
<td>Technical features</td>
<td>page 50</td>
</tr>
<tr>
<td>110° opening</td>
<td></td>
</tr>
<tr>
<td>Series B</td>
<td></td>
</tr>
<tr>
<td>Hinges for half-inset doors</td>
<td>page 54</td>
</tr>
<tr>
<td>or doors with moulded profiles</td>
<td>page 55</td>
</tr>
<tr>
<td>For wooden doors</td>
<td>page 50</td>
</tr>
<tr>
<td>Technical features</td>
<td>page 55</td>
</tr>
<tr>
<td>110° opening</td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td>page 54</td>
</tr>
<tr>
<td>Screw cover caps</td>
<td></td>
</tr>
<tr>
<td>Flange cover caps</td>
<td>page 54</td>
</tr>
<tr>
<td>Spacer for Series 200 hinges</td>
<td>page 54</td>
</tr>
<tr>
<td>Stop devices</td>
<td>page 55</td>
</tr>
</tbody>
</table>
Mechanical Push
The PUSH-System is a self-opening system for the doors of all types of handleless furniture.

It consists of a series of self-opening hinges, release devices that can be fitted to the top, base or side panel of the cabinet, and retaining catches to be fitted to the back of the door.

The retaining catches can be pressure-fixed or screw-fixed.

For doors over 1600 mm in height, we suggest that you use two mechanical release catches.
With adhesive strip

DP1SNB - beige

DP1SNG - grey

With assembly stop device.

Packing
Boxes 300 pcs.

Installation of mechanical Push with adhesive strip

For correct application and to ensure optimal endurance, please follow the following procedure:

1) clean and degrease the cabinet surface where the release device is to be installed using an acetone based cleaner;

2) remove the protective strip from the adhesive;

3) place the release device in position and apply a firm pressure for about one minute;

4) allow a period of 12 hours to elapse before subjecting the PUSH-System to continuous usage.
Mechanical Push - To be screw-fixed

**DP3SNB** - beige

**DP3SNG** - grey

With assembly stop device.

**DP3SNBR** - beige

**DP3SNGR** - grey

Without assembly stop device.

**Packing**
- Boxes 300 pcs.

**Packing**
- Boxes 300 pcs.
**With adjustment**

<table>
<thead>
<tr>
<th>DP4SNB - beige</th>
<th>DP4SNG - grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single adapter with depth and sideways adjustment and release device. Without assembly stop device.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boxes 300 pcs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DP5SNB - beige</th>
<th>DP5SNG - grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double adapter with depth and sideways adjustment and release devices. Without assembly stop device.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boxes 150 pcs.</td>
</tr>
</tbody>
</table>

N.B.: Drilling patterns at page 14.

---

**Technical information on the adjustable mechanical Push**

The adjustable Push consists of a release device and a screw-fixed adapter which have been developed to improve the locating action of the system.

The adjustable Push now has a depth adjustment facility with a range of -1 mm to +2.5 mm which is controlled by a small adjuster wheel located at the back of the adapter.

In addition, the adapter has a sideways adjustment facility of ±2 mm. This is achieved by loosening the two fixing screws and adjusting the position of the adapter using the elongated holes. Finally, the screws must be retightened.
### Mechanical Push - Retaining catches for wooden doors

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Description</th>
<th>Installation Method</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP29SNG</td>
<td>grey</td>
<td>Retaining catch for wooden door. Knock-in.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DP29SNBMC</td>
<td>beige</td>
<td>Retaining catch for wooden door and special</td>
<td>Knock-in.</td>
<td>Boxes 300 pcs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>assemblies.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DP29SNGI</td>
<td>grey</td>
<td>Retaining catch for wooden door. With assembly</td>
<td>Screw-on.</td>
<td>Boxes 300 pcs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>stop device.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DP29SNBR</td>
<td>beige</td>
<td>Retaining catch for wooden door. Without</td>
<td>Screw-on.</td>
<td>Boxes 300 pcs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>assembly stop device.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

N.B.: Drilling patterns at page 15.
Retaining catches for aluminium-frame doors

**DP29SNBA**  - beige
Retaining catch for aluminium-frame door width = 35 - 45 mm.

**DP29SNGA**  - grey

**DP29SNBB**  - beige
Retaining catch for aluminium-frame door width = 17 - 35 mm.

**DP29SNGB**  - grey

**Packing**
Boxes 300 pcs.

N.B.: Drilling patterns at pages 16
**Mechanical Push - Adapters**

**DP52SNB** - beige

Single adapter.
6x40 mm drilling.
With assembly stop device.

**DP52SNG** - grey

Single adapter.
6x40 mm drilling.
Without assembly stop device.

**DP52SNBR** - beige

Single adapter.
6x40 mm drilling.
With assembly stop device.

**DP52SNGR** - grey

Single adapter.
6x40 mm drilling.
Without assembly stop device.

**Packing**
Boxes 300 pcs.

**DP54SNB** - beige

Double adapter.
6x16 mm drilling.
With assembly stop device.

**DP54SNG** - grey

Double adapter.
6x16 mm drilling.
Without assembly stop device.

**DP54SNBR** - beige

Double adapter.
6x16 mm drilling.
Without assembly stop device.

**DP54SNGR** - grey

Double adapter.
6x16 mm drilling.
Without assembly stop device.

**Packing**
Boxes 150 pcs.
Spacers and insertion tool for retaining catches

**DP44XXBD** - beige
Right spacer $H = 4.8$ mm.

**DP44XXGD** - grey

**Packing**
Boxes 300 pcs.

**DP44XXBS** - beige
Left spacer $H = 4.8$ mm.

**DP44XXGS** - grey

**Packing**
Boxes 300 pcs.

**DP50SN0**
Orange insertion tool for retaining catch DP29SN_.

---

- beige
- grey
Mechanical Push - With adjustment

Push with depth and sideways adjustment

\[ D = \text{Door overlay on side and top of the cabinet} \]
\[ Y = \text{min. 8.5 mm} \]

Double Push with depth and sideways adjustment

\[ D = 50 \]
\[ 24 \]
\[ 24 \]
\[ 2 \]
Drilling for wooden door

Fulloverlay door

\[ D = \text{Door overlay on side and top of the cabinet} \]
\[ \text{Drilling distance of retaining catch} = D + 8 \]

Special assemblies

\[ A = X-D+4.5 \]
\[ P = X-D+10.8 \]
\[ X_{\text{min}} = D+8 \]
\[ A = 26-18+4.5 = 12.5 \]
\[ P = 26-18+10.8 = 18.8 \]
\[ X_{\text{min}} = 18+8 = 26 \]

Inset door

\[ P = 14.8 + A \]
\[ P_1 = 36.8 + T \]
\[ P_2 = P - 1.3 \]
\[ P_3 = P_1 - 16.5 \]
Mechanical Push - Drilling for aluminium frame door

Profile min. 17 mm/max 35 mm

D = Door overlay on side and top of the cabinet
F = Drilling distance of retaining catch = D + 8
X = Relative to the distance to the corner of the profile
P = Fixing distance of PUSH = X - D + 1.3

Profile min. 35 mm/max. 45 mm

D = Door overlay on side and top of the cabinet
F = Drilling distance of retaining catch = D + 8
X = Relative to the distance to the corner of the profile
P = Fixing distance of PUSH = X - D + 1.3
Magnetic Push
**Magnetic Push - Magnetic release devices and retaining catches**

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Description</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPMSNB</td>
<td>beige</td>
<td>Release device. Ø 10 mm, 40 mm length.</td>
<td>Boxes 250 pcs. Cartons 1.500 pcs.</td>
</tr>
<tr>
<td>DPMSNG</td>
<td>grey</td>
<td>Release device. Ø 10 mm, 40 mm length.</td>
<td>Boxes 250 pcs. Cartons 1.500 pcs.</td>
</tr>
<tr>
<td>DPASNB</td>
<td>beige</td>
<td>Optional supplementary release device to increase the magnetic holding strength. It must always be used together with the DPM. The suggested position of the DPM is the point of pressure on the door. The DPA can be positioned at any point along the opening edge of the door. Ø 10 mm, 40 mm length.</td>
<td>Boxes 250 pcs. Cartons 1.500 pcs.</td>
</tr>
<tr>
<td>DPASNG</td>
<td>grey</td>
<td>Optional supplementary release device to increase the magnetic holding strength. It must always be used together with the DPM. The suggested position of the DPM is the point of pressure on the door. The DPA can be positioned at any point along the opening edge of the door. Ø 10 mm, 40 mm length.</td>
<td>Boxes 250 pcs. Cartons 1.500 pcs.</td>
</tr>
<tr>
<td>DP28SN9</td>
<td></td>
<td>Retaining catch to be inserted. Ø 11.5 mm.</td>
<td>Boxes 250 pcs.</td>
</tr>
<tr>
<td>DP38XX91</td>
<td></td>
<td>Retaining catch with adhesive. 20x14 mm.</td>
<td>Boxes 250 pcs.</td>
</tr>
<tr>
<td>DP39XXG</td>
<td></td>
<td>Adjustable magnetic retaining catch. Ø 16.6 mm</td>
<td>Boxes 250 pcs.</td>
</tr>
<tr>
<td>SP44XX</td>
<td></td>
<td>Spacer for inset door to be used together with DP82XX_R.</td>
<td>Boxes 250 pcs.</td>
</tr>
</tbody>
</table>

**Notes:**
- **DP44XXG** = grey
- **SP44XXG** = beige
**Plastic adapter for release device.**
To be fixed with wood screws.
7.5x32 mm drilling.
Without assembly stop devices.
**DP81SN R** = To be fixed with Euroscrews.

**Packing**
Boxes 500 pcs.
Pallets 12,000 pcs.

**Adjustable plastic adapter for release device.**
To be fixed with wood screws.
8+16 mm drilling.
Without assembly stop devices.
**Caps to be ordered separately.**

**Packing**
Boxes 500 pcs.
Pallets 12,000 pcs.

**Adjustable double plastic adapter for release device.**
To be fixed with wood screws.
8+32 mm drilling.
Without assembly stop devices.
**Cover caps to be ordered separately.**

**Packing**
Boxes 500 pcs.
Pallets 12,000 pcs.

---

**Adjustable longitudinal plastic adapter for release device.**
To be fixed with wood screws.
8+16 mm drilling.
Without assembly stop devices.

**Packing**
Boxes 500 pcs.
Pallets 12,000 pcs.

---

**Adjustable plastic adapter for release device.**
To be fixed with wood screws.
6x32 mm drilling.
Without assembly stop devices.

**Packing**
Boxes 500 pcs.
Pallets 12,000 pcs.

---

**Adjustable plastic adapter for release device.**
To be fixed with wood screws.
37x32 mm drilling.
Without assembly stop devices.

**Packing**
Boxes 500 pcs.
Pallets 12,000 pcs.
**Application of the release device to be recessed**

Drill a hole Ø 10 mm and min. 40 mm depth in the top, the side or the base panel of the cabinet.

Insert the release device into the hole.

**Release device application with adapter (DP82SN_R).**

Insert the release device frontally into the adapter.

Place the adapter to the top, the side or the base panel of the cabinet, using the drilling value of 8+16 mm for final positioning.

**Release device application with spacer for inset doors (DP82SN_R + SP44XX_).**

For inset doors it is essential to use the spacer SP44XX_.

---

**Magnetic Push - Magnetic release device application**
**Release device application with adapter (DP83XX_R).**

Insert the release device frontally into the adapter.
Place the adapter to the top, the side or the base panel of the cabinet, using the drilling value of 8x32 mm for final positioning.

**Release device application with adapter (DP80SN_ and DP84SN_R).**

Insert the release device into the adapter.
Place the adapter to the top, the side or the base panel of the cabinet, using the drilling value of 8x32 mm for final positioning.

**Release device application with adapter (DP85SN_R).**

Insert the release device into the adapter.
Place the adapter to the top, the side or base panel of the cabinet, using the drilling value of 37x32 mm for final positioning.
1 - Retaining catch with adhesive strip

Apply the retaining catch to the magnetic release device.
Remove the protective strip from the adhesive.
Close the door.
In this way the retaining catch is positioned on the door.
Reopen the door and apply a firm pressure to the retaining catch
to ensure a correct installation.

ATTENTION:
For a correct application and to ensure optimal endurance,
we suggest these guidelines are followed:

1 - clean and degrease the door surface where the retaining catch
is to be installed;
2 - remove the protective strip from the adhesive;
3 - place the retaining catch in position, in a place that is at room
temperature ≥ 10° and apply a firm pressure for 10-15 seconds.

After few seconds from the installation the retaining catch is suitable
for the use. After 24h the max. hold is attained.

2 - Retaining catch to be inserted

Apply the retaining catch to the magnetic release device.
Close the door.
The point of the retaining catch will show where to insert it.
Reopen the door and press the retaining catch.
3 - Retaining catch to be inserted

The retaining catch DP39 is itself magnetic and together with the magnetism of the release device DPM considerably increase (30%) the holding strength of the door against the cabinet side, thus avoiding accidental openings.

For the installation it is necessary to drill a hole Ø15 mm and 11 mm depth in the door.

Depth adjustment from -0.5 mm to +2.5 mm.
Push - Series 200 hinges
The Series 200 make up an integrated system of hinges developed to provide a solution to any situation involving concealed hinges. Bright nickel plated steel cup and arm. Dimensions of the ø 35 mm cup.

Constant “L” value of 0.7 mm (it does not change during side adjustment).

Approx. number of hinges required according to the door dimension and weight.

<table>
<thead>
<tr>
<th>Width of the door</th>
<th>Weight of the door (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>20</td>
</tr>
<tr>
<td>200</td>
<td>40</td>
</tr>
<tr>
<td>300</td>
<td>60</td>
</tr>
</tbody>
</table>

Adjustments

- Compensating side adjustment from - 1.5 to + 4.5 mm.
- Height adjustment ± 2 mm.
- Depth adjustment with Series 200 mounting plates + 2.8 mm.
- Depth adjustment with Domi snap-on mounting plates from - 0.5 mm to + 2.8 mm.
- Anti-sliding safety stop.

Mounting plates

- Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates.
- Snap-on assembly on Domi mounting plates.
- Positioning with pre-determined stop on traditional Series 200 mounting plates.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.
### Drillings and fixings

<table>
<thead>
<tr>
<th></th>
<th>94°</th>
<th>110°</th>
<th>155°</th>
<th>94°</th>
<th>110°</th>
<th>155°</th>
<th>94°</th>
<th>110°</th>
<th>155°</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wood screw</strong></td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>U</td>
<td>U</td>
<td>U</td>
</tr>
<tr>
<td><strong>Rapido</strong></td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Dowel</strong></td>
<td>B</td>
<td>B</td>
<td>B</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>W</td>
<td>W</td>
<td>W</td>
</tr>
<tr>
<td><strong>Logica</strong></td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>J</td>
<td>J</td>
<td>J</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
</tr>
</tbody>
</table>

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C2_PA99.

Fill this position with the chosen letter or number.
Push - Series 200 hinges - For thicker doors - 94° opening

Technical information

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

For thick doors up to 35 mm, with special profiles.
11 mm deep metal cup.
94° opening.
Possible drilling distance on the door (K): from 3 to 9 mm.
Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Space needed to open the door

<table>
<thead>
<tr>
<th>T</th>
<th>19</th>
<th>20</th>
<th>21</th>
<th>22</th>
<th>23</th>
<th>24</th>
<th>25</th>
<th>26</th>
<th>27</th>
<th>28</th>
<th>29</th>
<th>30</th>
<th>31</th>
<th>32</th>
<th>33</th>
<th>34</th>
<th>35</th>
</tr>
</thead>
<tbody>
<tr>
<td>K=3</td>
<td>A=</td>
<td>0.1</td>
<td>0.2</td>
<td>0.3</td>
<td>0.4</td>
<td>0.5</td>
<td>0.7</td>
<td>0.8</td>
<td>1.0</td>
<td>1.6</td>
<td>2.6</td>
<td>3.5</td>
<td>4.5</td>
<td>5.4</td>
<td>6.4</td>
<td>7.4</td>
<td>8.3</td>
</tr>
<tr>
<td>K=4</td>
<td>A=</td>
<td>0.1</td>
<td>0.2</td>
<td>0.3</td>
<td>0.4</td>
<td>0.5</td>
<td>0.7</td>
<td>0.8</td>
<td>1.0</td>
<td>1.2</td>
<td>1.9</td>
<td>2.8</td>
<td>3.8</td>
<td>4.7</td>
<td>5.7</td>
<td>6.6</td>
<td>7.6</td>
</tr>
<tr>
<td>K=5</td>
<td>A=</td>
<td>0.1</td>
<td>0.2</td>
<td>0.3</td>
<td>0.4</td>
<td>0.5</td>
<td>0.7</td>
<td>0.8</td>
<td>1.0</td>
<td>1.2</td>
<td>1.4</td>
<td>2.2</td>
<td>3.1</td>
<td>4.1</td>
<td>5.0</td>
<td>5.9</td>
<td>6.9</td>
</tr>
<tr>
<td>K=6</td>
<td>A=</td>
<td>0.1</td>
<td>0.2</td>
<td>0.3</td>
<td>0.4</td>
<td>0.5</td>
<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
<td>1.2</td>
<td>1.4</td>
<td>1.7</td>
<td>2.6</td>
<td>3.5</td>
<td>4.4</td>
<td>5.3</td>
<td>6.2</td>
</tr>
<tr>
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<td>A=</td>
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<td>0.2</td>
<td>0.3</td>
<td>0.4</td>
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<td>0.6</td>
<td>0.8</td>
<td>1.0</td>
<td>1.1</td>
<td>1.3</td>
<td>1.6</td>
<td>2.1</td>
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<td>3.8</td>
<td>4.7</td>
<td>5.6</td>
</tr>
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<td>0.3</td>
<td>0.4</td>
<td>0.5</td>
<td>0.6</td>
<td>0.8</td>
<td>0.9</td>
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<td>1.3</td>
<td>1.6</td>
<td>1.8</td>
<td>2.5</td>
<td>3.3</td>
<td>4.2</td>
<td>5.1</td>
</tr>
<tr>
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<td>A=</td>
<td>0.1</td>
<td>0.2</td>
<td>0.3</td>
<td>0.4</td>
<td>0.5</td>
<td>0.6</td>
<td>0.8</td>
<td>0.9</td>
<td>1.1</td>
<td>1.3</td>
<td>1.5</td>
<td>1.8</td>
<td>2.1</td>
<td>2.9</td>
<td>3.7</td>
<td>4.6</td>
</tr>
</tbody>
</table>

The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiusossed edges.

Projection of the door

Projection of the door from the cabinet side at the max. opening.
The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

“C” value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.

C = 23 + K + A
Use these formulas to determine the type of hinge arm, the drilling distance “K” and the height of the mounting plate “H” which is necessary to solve each application problem.

Use the tables “Drillings and fixings” at page 27 to complete the code number of the desired hinge.

**Packing**
Boxes 300 pcs.
Pallets 7,200 pcs.

Arm 0

Arm 5

Arm 9

Arm 17
**Technical information**

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

When a greater opening angle is required.
11 mm deep metal cup.
110° opening.
Possible drilling distance on the door (K): from 3 to 6 mm.
Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

**Space needed to open the door**

| T= 16 17 18 19 20 21 22 23 24 25 26 |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| K=3 A= 0.5 0.7 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 |
| K=4 A= 0.5 0.7 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 |
| K=5 A= 0.5 0.7 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 |
| K=6 A= 0.5 0.7 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 |

The above values are calculated on the assumption that the doors have square edges.
They are reduced if the doors have radiusssed edges.

**Projection of the door**

Projection of the door from the cabinet side at the max. opening.
The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

**“C” value**

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.

\[ C = 20 + K + A \]
Use these formulas to determine the type of hinge arm, the drilling distance “K” and the height of the mounting plate “H” which is necessary to solve each application problem.

Use the tables “Drillings and fixings” at page 27 to complete the code number of the desired hinge.

Packing
- Boxes 300 pcs.
- Pallets 7,200 pcs.

Arm 0

H = 15 + K - (D)

C2_PA99

Arm 5

H = 10 + K - (D)

C2_PD99

Arm 9

H = 6 + K - (D)

C2_PG99

Arm 17

H = -2 + K + A

C2_PP99
### Technical information

**Push hinges are reverse-sprung so that the door self-opens when the release device is activated.**

**For thicker doors max. 28 mm.**

**Hinge with greater opening angle and reduced operating profile.**

8.5 mm deep die-cast cup.

155° opening.

Possible drilling distance on the door (K): from 3 to 9 mm.

Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

<table>
<thead>
<tr>
<th>K</th>
<th>A</th>
<th>3°</th>
<th>120°</th>
<th>100°</th>
</tr>
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<tbody>
<tr>
<td>3</td>
<td>0.0</td>
<td>0.0</td>
<td>0.10</td>
<td>0.75</td>
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<td>0.85</td>
</tr>
<tr>
<td>5</td>
<td>0.0</td>
<td>0.0</td>
<td>0.20</td>
<td>0.95</td>
</tr>
<tr>
<td>6</td>
<td>0.0</td>
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<td>0.25</td>
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<td>7</td>
<td>0.0</td>
<td>0.0</td>
<td>0.30</td>
<td>1.30</td>
</tr>
<tr>
<td>8</td>
<td>0.0</td>
<td>0.0</td>
<td>0.35</td>
<td>1.50</td>
</tr>
<tr>
<td>9</td>
<td>0.0</td>
<td>0.0</td>
<td>0.40</td>
<td>1.70</td>
</tr>
</tbody>
</table>

With stop device at 100° part. no. S2BM37XG
With stop device at 120° part. no. S2AM37XG

The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

---

**For spaces with removable components**

“C” value

The door opens at 90° with lateral door protrusion of 6 mm.

The figures are based on a straight arm hinge and H=0 thickness of mounting plate.
Use these formulas to determine the type of hinge arm, the drilling distance “K” and the height of the mounting plate “H” which is necessary to solve each application problem.

To limit the opening of the hinge, see page 55 chapter “Accessories”.

Use the tables “Drillings and fixings” at page 27 to complete the code number of the desired hinge.

Packing
Boxes 100 pcs.
Pallets 2,400 pcs.
Push - Series 200 hinges - Complementary hinges

Technical information

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

Hinges for wooden doors with positive angled assembly.
11 mm deep metal cup.
94° opening.
Possible drilling distance on the door (K): from 3 to 9 mm.
Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Packing
Boxes 150 pcs.
Pallets 3.600 pcs.

The solution of assembly problems where doors are mounted at a positive angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.

Use the tables “Drillings and fixings” at page 27 to complete the code number of the desired hinge.

Arm 15°

C2_VZ99

Arm 24°

C2_VU99

Arm 30°

C2_VE99
Technical information

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

Crampon hinges.
For cabinet sides with 37x32 mm standard drilling.
11 mm deep metal cup.
94° opening.
Possible drilling distance on the door (K): from 3 to 9 mm.
Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

E min:
61 mm for Series 200 mounting plates.
70 mm for Domi snap-on mounting plates.
74 mm for Domi snap-on mounting plates with back cam.

Use the tables “Drillings and fixings” at page 27 to complete the code number of the desired hinge.

Packing
Boxes 150 pcs.
Pallets 3,600 pcs.

Heights of mounting plates for every assembly.

<table>
<thead>
<tr>
<th>H = 0</th>
<th>H = 3</th>
<th>H = 6</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>

C2_VN99AC

* A=1   K=3
**Technical information**

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

**Crampon hinges.**
*For smaller spaces with 15x32 mm drilling.*
- 11 mm deep metal cup.
- 94° opening.
- Possible drilling distance on the door (K): from 3 to 9 mm.
- Compatible with all traditional Series 200 mounting plates, 28x32 mm drilling.
- **NOT COMPATIBLE** with Domi snap-on mounting plates.

**Packing**
- Boxes 150 pcs.
- Pallets 3,600 pcs.

Use the tables “Drillings and fixings” at page 27 to complete the code number of the desired hinge.

Heights of mounting plates for every assembly:

- **H = 0**
- **H = 9**
- **H = 12**

* A=1   K=3
Push - Hinges for metal profiles
Push - Hinges for metal profiles - 105° opening

Technical information

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

Hinges specially developed for use with metal profiles.
105° opening.
We recommend the use of self-threading screws B 3.5 x 9.5 DIN 7982 to fix C2ZP hinges.
Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Packing
Boxes 150 pcs.
Pallets 3,600 pcs.
**Technical information**

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

**Hinges for doors with positive angled assembly.**

Hinges specially developed for use with metal profiles. 105° opening.

We recommend the use of self-threading screws B 3.5 x 9.5 DIN 7982 to fix C2ZP hinges.

Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

---

**Packing**

Boxes 150 pcs.
Pallets 3,600 pcs.
**Technical information**

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

Crampon hinges.

For cabinet sides with 37x32 mm standard drilling.
Hinges specially developed for use with metal profiles.
105° opening.
We recommended the use of self-threading screws B 3.5 x 9.5 DIN 7982 to fix C2ZP hinges.
Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

E min:
61 mm for Series 200 mounting plates.
70 mm for Domi snap-on mounting plates.
74 mm for Domi snap-on mounting plates with back cam.

---

**Packing**
Boxes 150 pcs.
Pallets 3,600 pcs.

---

**Technical information**

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

Crampon hinges.

For smaller spaces with 15x32 mm drilling.
Hinges specially developed for use with metal profiles.
105° opening.
We recommended the use of self-threading screws B 3.5 x 9.5 DIN 7982 to fix C2ZP hinges.
Compatible with all traditional Series 200 mounting plates, drilling 28x32 mm.
**NOT COMPATIBLE** with Domi snap-on mounting plates.

---

**Packing**
Boxes 150 pcs.
Pallets 3,600 pcs.
Push - Series B hinges
Push - Series B hinges
for glass doors

No drilling of the glass is required.
Bright nickel plated die-cast cup and arm.

Constant “L” value of 0.7 mm (it does not change during side adjustment).

Approx. number of hinges required according to the door dimension and weight.

Adjustments
- Compensated side adjustment from -1.5 mm to +4.5 mm.
- Height adjustment ±2 mm.
- Depth adjustment with Series 200 mounting plates +2.8 mm.
- Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm.
- Anti-sliding safety stop.

Mounting plates
- Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates.
- Snap-on assembly on Domi mounting plates.
- Positioning with pre-determined stop on traditional Series 200 mounting plates.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

Disclaimer
Salice Series B (CBG) hinges have been developed for use on glass doors and mirrors. Salice will accept no responsibility for any problems associated with the type of adhesive or method of application when used in conjunction with Series B hinges, nor for any consequences of the incorrect mounting of the door. It is recommended that the selected adhesive is subjected to prior testing. The adhesive may be considered appropriate if the plate, when fixed to the glass, can sustain a minimum torsion load of 160 Nm.

Technical features
110° opening

Technical information

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

Hinges for glass doors. No drilling of the glass is required. Possible fixing inset distance on the door (K): from 0 to 22 mm. 110° opening. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Packing

Boxes 150 pcs.
Pallets 3,600 pcs.

1) The hinge plate must be attached to the glass door with a specific adhesive using the correct procedure. We recommend that this operation is carried out by a specialist company. For further information on adhesives and their application, please contact the adhesive manufacturer or your glass supplier.

2) Locate the hinge onto the plate when it is bonded to the door.

3) Rotate the cam to secure the hinge to the plate.

“C” Value

CBGQAC9
Push - Series B hinges
for doors with a min. thickness of 8 mm

Hinges for doors with a minimum thickness of 8 mm made with special materials. Bright nickel plated die-cast cup and arm.

Constant “L” value of 0.7 mm (it does not change during side adjustment).

Approx. number of hinges required according to the door dimension and weight.

Adjustments
Compensated side adjustment from -1.5 mm to +4.5 mm.
Height adjustment ±2 mm.
Depth adjustment with Series 200 mounting plates +2.8 mm.
Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm.
Anti-sliding safety stop.

Disclaimer
Salice Series B (CBY) hinges have been developed for use on doors with a min. thickness of 8 mm.
The hinges must be fixed, if possible, with the screws included in the packaging.
For special materials, we suggest to contact our technical Assistance Service.
Salice will accept no responsibility for any problems associated with the use of screws different from those included or for any consequences of the incorrect method of application.

Mounting plates
Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates.
Snap-on assembly on Domi mounting plates.
Positioning with pre-determined stop on traditional Series 200 mounting plates.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.
110° opening

Technical information

Push hinges are reverse-sprung so that the door self-opens when the release device is activated.

Hinges for doors with a minimum thickness of 8 mm made with special materials.
Possible fixing inset distance on the door (K): from 0 to 22 mm.
110° opening.
Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

1) The hinge plate must be fixed to the door with the included screws.

2) Locate the hinge onto the plate when it is fixed to the door.

3) Rotate the cam to secure the hinge to the plate.

Packing
Boxes 150 pcs.
Pallets 3,600 pcs.
Series B hinges can provide a solution to a number of special applications, which include half-inset doors and doors with moulded profiles.

Dimensions of the 35 mm cup.
Bright nickel plated die-cast cup and arm.

Constant “L” value of 0.7 mm (it does not change during side adjustment).

Approx. number of hinges required according to the door dimension and weight.

**Adjustments**

Compensated side adjustment from -1.5 mm to +4.5 mm.
Height adjustment ±2 mm.
Depth adjustment with Series 200 mounting plates +2.8 mm.
Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm.
Anti-sliding safety stop.

**Mounting plates**

Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates.
Snap-on assembly on Domi mounting plates.
Positioning with pre-determined stop on traditional Series 200 mounting plates.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.
### Drillings and fixings

#### Wood screw

<table>
<thead>
<tr>
<th>Diameter</th>
<th>48</th>
<th>45</th>
<th>52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>6</td>
<td>9.5</td>
<td>5.5</td>
</tr>
<tr>
<td>Angle</td>
<td>110°</td>
<td>110°</td>
<td>110°</td>
</tr>
</tbody>
</table>

| Letter | A | P | U |

#### Dowel

<table>
<thead>
<tr>
<th>Diameter</th>
<th>48</th>
<th>45</th>
<th>52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>10</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>Angle</td>
<td>110°</td>
<td>110°</td>
<td>110°</td>
</tr>
</tbody>
</table>

| Letter | B | R | W |

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: CB_QAC_.

Fill this position with the chosen letter or number.
**Technical information**

Push hinges are reverse-sprung so that the door self-opens when the release device is activated and can provide a solution to a number of special applications, which include half-inset doors and doors with moulded profiles.

- 9 mm deep metal cup.
- 110° opening.
- Possible drilling distance on the door (K): from 3 to 18 mm.
- Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

**Space needed to open the door**

<table>
<thead>
<tr>
<th>T</th>
<th>16</th>
<th>18</th>
<th>20</th>
<th>22</th>
<th>24</th>
<th>26</th>
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<td>A=</td>
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<td>3.3</td>
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</tr>
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<td>2.0</td>
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<td>0.0</td>
<td>0.0</td>
<td>0.7</td>
<td>2.2</td>
</tr>
</tbody>
</table>

The above values are calculated on the assumption that the doors have square edges.
They are reduced if the doors have radiussed edges.

**Projection of the door**

Projection of the door from the cabinet side at the max. opening.
The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

**“C” value**

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.

\[
C = 5.5 + K + A
\]
Use these formulas to determine the type of hinge arm, the drilling distance “K” and the height of the mounting plate “H” which is necessary to solve each application problem.

To limit the opening of the hinge, see page 55 chapter “Accessories”.

Packing
Boxes 150 pcs.
Pallets 3,600 pcs.

Arm 0

CB_QAC9

Drillings and fittings at page 49.
Accessories
Accessories

**Screw cover caps.**

**S2BX83H9**
Symmetrical steel screw cover cap, it can be personalised on request.
For all Series 200 and B hinges.

**S2XX83A1**
Symmetrical plastic screw cover cap, it can be personalised on request.
For all Series 200 hinges.

**S2MX83H9**
Symmetrical steel screw cover cap with embossed logo.
For all Series 200 and B hinges.

**Flange cover caps**

**S2XX85H9**
Steel flange cover cap, it can be personalised on request.
For all Series 200 hinges.

**S2CX85H9**
Steel flange cover cap with embossed logo.
For all Series 200 hinges.

**SBXX85X_**
Plastic flange cover cap for Series B (CBA) hinges.
Available colours:
SBXX85X6 = Titanium
SBXX85X9 = Nickel-plated

**SBLX85A_**
Plastic flange cover cap for Series B (CBY) hinges.
Available colours:
SBLX85A6 = Titanium
SBLX85A9 = Nickel-plated

**Spacer for Series 200 hinges**

**S2A786XG**
Spacer for hinges with 35 mm diameter.
To be used to reduce the cup drilling depth by 1.4 mm.
Stop devices

**S2AF37X3**
For 155° hinges, it limits opening at 135°.

**S2BF37XY**
For 155° hinges, it limits opening at 115°.

**S2AM37XG**
For 155° hinges, it limits opening at 120°.

**SBA237XG**
For Series B hinges it limits opening at 90°.

**S2A637XF**
For all hinges with 94° opening and 35 mm cup diameter, it limits opening at 86°.

**S2BM37XG**
For 155° hinges, it limits opening at 92°.