### SH82/SH84 Concealed Hinge

**Material**: Zinc Alloy  
**Finish**: NP  
**Opening degree**: 110°  
**Depth of hinge cup**: 11.3 mm  
**Diameter of hinge cup**: 35 mm  
**Dimension of door (K)**: 3-7 mm  
**For door thickness**: 14-26 mm  
**Packing**: per piece

- **H**: height of mounting plate  
- **K**: drilling distance from the edge of the door to the edge of the hole  
- **D**: required door overlay  
- **A**: gap between door and side panel  
- **L**: gap between door and carcass

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Application</th>
<th>Mounting Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.S82.0</td>
<td>130.12.800</td>
<td>Full</td>
<td>2 holes</td>
</tr>
<tr>
<td>S32.S82.8</td>
<td>130.12.808</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>S32.S82.15</td>
<td>130.12.815</td>
<td>Inset</td>
<td></td>
</tr>
<tr>
<td>S32.S84.0</td>
<td>130.12.101</td>
<td>Full</td>
<td>4 holes</td>
</tr>
<tr>
<td>S32.S84.8</td>
<td>130.12.104</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>S32.S84.15</td>
<td>130.12.107</td>
<td>Inset</td>
<td></td>
</tr>
</tbody>
</table>

### SH180 Concealed Hinge

**Material**: Zinc Alloy  
**Finish**: NP  
**Opening degree**: 180°  
**Depth of hinge cup**: 11.3 mm  
**Diameter of hinge cup**: 35 mm  
**Dimension of door (K)**: 3-7 mm  
**For door thickness**: 14-26 mm  
**Packing**: per piece

- **H**: height of mounting plate  
- **K**: drilling distance from the edge of the door to the edge of the hole  
- **D**: required door overlay  
- **A**: gap between door and side panel  
- **L**: gap between door and carcass

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Application</th>
<th>Mounting Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.S180.0</td>
<td>130.30.800</td>
<td>Full</td>
<td>4 holes</td>
</tr>
<tr>
<td>S32.S180.8</td>
<td>130.30.808</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>S32.S180.15</td>
<td>130.30.815</td>
<td>Inset</td>
<td></td>
</tr>
</tbody>
</table>

### Hydraulically Soft Close Hinge

**Material**: Zinc Alloy  
**Finish**: NP  
**Opening degree**: 110°  
**Depth of hinge cup**: 11.3 mm  
**Diameter of hinge cup**: 35 mm  
**Dimension of door (K)**: 3-7 mm  
**For door thickness**: 14-26 mm  
**Packing**: per piece

- **H**: height of mounting plate  
- **K**: drilling distance from the edge of the door to the edge of the hole  
- **D**: required door overlay  
- **A**: gap between door and side panel  
- **L**: gap between door and carcass

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Application</th>
<th>Mounting Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>EURO.S80.0</td>
<td>130.14.100</td>
<td>Full</td>
<td>4 holes</td>
</tr>
<tr>
<td>EURO.S80.8</td>
<td>130.14.108</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>EURO.S80.15</td>
<td>130.14.108</td>
<td>Inset</td>
<td></td>
</tr>
<tr>
<td>EURO.S88.0</td>
<td>130.13.100</td>
<td>Full</td>
<td></td>
</tr>
<tr>
<td>EURO.S88.8</td>
<td>130.13.108</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>EURO.S88.15</td>
<td>130.13.115</td>
<td>Inset</td>
<td></td>
</tr>
</tbody>
</table>

### Glass Hinge

**Opening degree**: 180°  
**Depth of hinge cup**: 11 mm  
**Diameter of hinge cup**: 26 mm  
**Dimension of door (K)**: 3-6 mm  
**For door thickness**: 4-6 mm  
**Packing**: per piece

- **H**: height of mounting plate  
- **K**: drilling distance from the edge of the door to the edge of the hole  
- **D**: required door overlay  
- **A**: gap between door and side panel  
- **L**: gap between door and carcass

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Application</th>
<th>Mounting Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.SH26.0</td>
<td>130.30.119</td>
<td>Full</td>
<td>4 holes</td>
</tr>
<tr>
<td>S32.SH26.8</td>
<td>130.30.125</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>S32.SH26.15</td>
<td>130.30.122</td>
<td>Inset</td>
<td></td>
</tr>
<tr>
<td>S32.SH26.GP</td>
<td>130.30.128</td>
<td>Gold Plated</td>
<td>Ø33 mm Round cover cap, Material: ABS</td>
</tr>
<tr>
<td>S32.SH26.CP</td>
<td>130.30.131</td>
<td>Chrome Plated</td>
<td></td>
</tr>
</tbody>
</table>
**Concealed Hinges**

**HYDRAULIC SOFT CLOSE HINGE** (Snap On Type)

- Material: Zinc Alloy
- Opening degree: 90° to 105°
- Depth of hinge cup: 11.5 mm
- Diameter of hinge cup: 35 mm
- Dimension of door (K): 3-7 mm
- For door thickness: 16-18 mm
- Packing: per piece

*H - height of mounting plate  
K - drilling distance from the edge of the door to the edge of the hole  
D - required door overlay  
A - gap between door and side panel  
L - gap between door and carcass*

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>APPLICATION</th>
<th>MOUNTING PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSR.FR60.0</td>
<td>130.15.600</td>
<td>Full</td>
<td>2 holes</td>
</tr>
<tr>
<td>BSR.FR60.8</td>
<td>130.15.608</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>BSR.FR60.15</td>
<td>130.15.615</td>
<td>Inset</td>
<td></td>
</tr>
<tr>
<td>BSR.FR64.0</td>
<td>130.15.700</td>
<td>Full</td>
<td>4 holes</td>
</tr>
<tr>
<td>BSR.FR64.8</td>
<td>130.15.708</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>BSR.FR64.15</td>
<td>130.15.715</td>
<td>Inset</td>
<td></td>
</tr>
</tbody>
</table>

**PUSH OPEN HINGE** (Slide On Type)

- Material: Steel
- Opening degree: 105°
- Depth of hinge cup: 11.7 mm
- Diameter of hinge cup: 35 mm
- Dimension of door (K): 3-7 mm
- For door thickness: 16-21 mm
- Packing: per piece

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>APPLICATION</th>
<th>MOUNTING PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.PH84.0</td>
<td>130.36.300</td>
<td>Full</td>
<td>4 holes</td>
</tr>
<tr>
<td>S32.PH84.8</td>
<td>130.36.308</td>
<td>Half</td>
<td></td>
</tr>
<tr>
<td>S32.PH84.15</td>
<td>130.36.315</td>
<td>Inset</td>
<td></td>
</tr>
</tbody>
</table>

**PUSH OPEN LATCH**

- Material: ABS plastic
- Packing: per piece

**INSTALLATION DIAGRAM**

**MAGNETIC PUSH LATCH**

- Material: POM
- Color: Gray
- Application: Apply to the wooden door & aluminum frame doors.
- Packing: per piece

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.PH03.GRAY</td>
<td>130.40.100</td>
<td>75 mm</td>
<td>120 mm</td>
</tr>
</tbody>
</table>
Concealed Hinges

CONCEALED HYDRAULIC (SOFT CLOSE) HINGES

FR90 SUS304 SOFT CLOSE HINGE (CLIP ON TYPE) with Stainless Steel Cover Cap

- Angle Opening Degree: 90°-110°
- Diameter of Hinge Cup: Ø35 mm Hole
- Thickness of Hinge Cup: 11.5 mm Thick
- Door Dimension (K): 3 - 7 mm
- For Door Thickness (T): 14 - 20 mm Thick
- Material: Stainless Steel SUS304
- Packing: per piece

H = Height of mounting plate
K = Drilling distance from the edge of the door to the edge of the hole
D = Required door overlay
A = Gap between door and side panel

Item No. | Code | Description | Mounting Plate
--- | --- | --- | ---
BSR.FR90.#0 | 130.15.910 | Full | 4 holes
BSR.FR90.#6 | 130.15.918 | Half | 4 holes
BSR.FR90.#15 | 130.15.925 | Inset | 4 holes

SOFT CLOSE HINGE (CLIP ON TYPE) for Glass Round Cover Cap

- Angle Opening Degree: 90°-110°
- Diameter of Hinge Cup: Ø35 mm Hole
- Thickness of Hinge Cup: 11.5 mm Thick
- Door Dimension (K): 3 - 7 mm
- For Glass Thickness (T): 6 mm Thick
- Material: Steel
- Packing: per piece

H = Height of mounting plate
K = Drilling distance from the edge of the door to the edge of the hole
D = Required door overlay

Item No. | Code | Description | Mounting Plate
--- | --- | --- | ---
BSR.FR94.00 | 130.15.400 | Full | 4 holes
BSR.FR40.#8 | 130.15.408 | Half | 4 holes
BSR.FR40.#15 | 130.15.415 | Inset | 4 holes

165° SOFT CLOSE HINGE CLIP-ON TYPE

- Angle Opening Degree: 165°
- Diameter of Hinge Cup: Ø35 mm Hole
- Thickness of Hinge Cup: 11.5 mm Thick
- Door Dimension (K): 3 - 7 mm
- For Door Thickness (T): 14 - 20 mm Thick
- Material: Steel
- Packing: per piece

H = Height of mounting plate
K = Drilling distance from the edge of the door to the edge of the hole
D = Required door overlay
A = Gap between door and side panel
T = Door thickness

Item No. | Code | Description | Mounting Plate
--- | --- | --- | ---
BSR.FR165.#0 | 130.15.630 | Full | 4 holes
BSR.FR165.#6 | 130.15.635 | Half | 4 holes
BSR.FR165.#15 | 130.15.640 | Inset | 4 holes

90° BLIND CORNER SOFT CLOSE HINGE CLIP-ON TYPE

- Angle Opening Degree: 90°-100°
- Diameter of Hinge Cup: Ø35 mm Hole
- Thickness of Hinge Cup: 11.5 mm Thick
- Door Dimension (K): 3 - 7 mm
- For Door Thickness (T): 14 - 20 mm Thick
- Material: Steel
- Packing: per piece

H = Height of mounting plate
K = Drilling distance from the edge of the door to the edge of the hole

Item No. | Code | Description | Mounting Plate
--- | --- | --- | ---
BSR.FR94.90 | 130.15.620 | 90°, Clip-on Hinge | 4 holes

45° SOFT CLOSE BUFFER HINGE

CLIP-ON Type / corner Hinge 45°

- Angle Opening Degree: 90°-100°
- Diameter of Hinge Cup: Ø35 mm Hole
- Thickness of Hinge Cup: 11.5 mm Thick
- Door Dimension (K): 3 - 7 mm
- For Door Thickness (T): 14 - 20 mm Thick
- Material: Steel
- Packing: per piece

H = Height of mounting plate
K = Drilling distance from the edge of the door to the edge of the hole
T = Door thickness

Item No. | Code | Description | Mounting Plate
--- | --- | --- | ---
BSR.FR45.45 | 130.15.625 | 45°, Clip-on Hinge | 4 holes
**Concealed Hinges**

**Concealed & Blind Corner Hinge**

**Concealed Hinge**
(Slide On Type)

- Opening degree: 93°
- Depth of hinge cup: 12.8 mm
- Diameter of hinge cup: 40 mm
- Dimension of door (K): 3-15 mm
- For door thickness: 16-40 mm
- Packing: per piece

H = height of mounting plate
K = drilling distance from the edge of the door to the edge of the hole
D = required door overlay
A = gap between door and side panel
L = gap between door and carcase

**Blind Corner Hinge**

- Material: Zinc Alloy
- Opening degree: 90°
- Depth of hinge cup: 11.3 mm
- Diameter of hinge cup: 35 mm
- Dimension of door (K): 4-7 mm
- For door thickness: 14-24 mm
- Packing: per piece

H = 0
D = 2.8 mm

**Reggar Corner Unit**

**Folding Door Hinge**

- Description: Corner Hinge
- Packing: per piece

**Push Open Hinge**

Slide On Type

- Angle Opening Degree: 105°-95°
- Diameter of Hinge Cup: Ø35 mm Hole
- Thickness of Hinge Cup: 14mm
- Door Dimension (K): 3-7 mm
- For Door Thickness (T): 14-20 mm Thick
- Material: Steel
- Packing: per piece

**Push Open Latch**

- Material: ABS
- Finish: GRY
- Packing: per piece

**Installation Diagram**
CONCEALED DOOR HINGE

- Material: SUS304 Stainless Steel
- Finish: SSS
- For Door Thickness: 32mm - 60mm Thick
- Door Height: Min. 1800mm - Max. 2800mm
- Door Width: Max. 1500mm
- Door Weight: Max. 150 Kgs.
- Packing: per Set

INVISIBLE DOOR HINGE w/ 3-WAY ADJUSTMENT FUNCTION

Allows height, depth & horizontal adjustment after hinge installed

- Finish: MSL
- For Door Thickness: Min. 38mm
- Door Weight: Max. 60Kg (132lbs) 2pcs.
- Max. Door Size: Height 2400mm * Width 900mm
- Packing: per Piece

SET WITH
- 16 Pcs. Ø4 x 30.5 S/S Flat Head Screw
- 1 Pcs. 3mm Hex Key L-Wrench

BORE DIMENSION DETAIL

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.C117F.SSS</td>
<td>130.50.117</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.C211.SSS</td>
<td>130.50.211</td>
</tr>
</tbody>
</table>
Flap Fittings
LIFT-UP & LIDSTAY MECHANISH

**FLAP STAY WITH BRAKE**
- Material: Zinc Alloy/Steel
- Finish: NP
- Opening angle: 90°
- Packing: per piece

**PNEUMATIC SUPPORT**
Gas Spring Stay w/3 Plates
- Material: Steel, Nylon
- Finish: PC
- Opening Angle: 70°, 90°, 110°
- Mounting: Left & Right
- Cylinder Diameter: Ø15 mm
- Rod Diameter: Ø6 mm
- Length: 243 mm
- Packing: per piece
- SET WITH: 4 pieces screw

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Capacity</th>
<th>Load Forces</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.K168.80N</td>
<td>135.10.385</td>
<td>8 kg.</td>
<td>80N</td>
</tr>
<tr>
<td>S32.K168.100N</td>
<td>135.10.390</td>
<td>10 kg.</td>
<td>100N</td>
</tr>
<tr>
<td>S32.K618.120N</td>
<td>135.10.395</td>
<td>12 kg.</td>
<td>120N</td>
</tr>
</tbody>
</table>

**LID STAY**
- Material: Zinc Alloy
- Finish: NP
- Opening angle: 75°, 90° & 110°
- Packing: per piece

**INSTALLATION DIAGRAM**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.NSD35L</td>
<td>135.15.035</td>
<td>Upward Left</td>
</tr>
<tr>
<td>S32.NSD35R</td>
<td>135.15.036</td>
<td>Upward Right</td>
</tr>
</tbody>
</table>

**LID STAY DUO**
- Material: Zinc Alloy
- Finish: NP
- Opening angle: 75°, 90° or 110°
- Packing: per piece

**INSTALLATION DIAGRAM**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.K168.NK</td>
<td>135.10.160</td>
<td>Lift &amp; Drop down</td>
</tr>
</tbody>
</table>

**LID STAY**
- Material: Zinc Alloy
- Finish: NP
- Opening angle: 75°, 90° or 110°
- Packing: per piece

**INSTALLATION DIAGRAM**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.K620.80N</td>
<td>135.11.080</td>
<td>Left &amp; Right, for Heavy Door</td>
</tr>
<tr>
<td>S32.K620.100N</td>
<td>135.11.100</td>
<td></td>
</tr>
<tr>
<td>S32.K620.120N</td>
<td>135.11.120</td>
<td></td>
</tr>
</tbody>
</table>

NP: Nickel Plated  
PC: Pearl Chrome  
SL: Silver Anodized  

01.1C2.01
FLAP STAY WITH BRAKE
- Material: Zinc Alloy/Steel
- Finish: NP
- Opening angle: 90°
- Packing: per piece

INSTALLATION DIAGRAM

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.K1562.SL</td>
<td>135.10.156</td>
<td>Left &amp; Right</td>
</tr>
</tbody>
</table>

PNEUMATIC SUPPORT
Gas Spring Stay w/ 3 Plates
- Material: Steel, Nylon
- Finish: SL
- Opening Angle: 70°, 90°, 100°
- Mounting: Left & Right
- Cylinder Diameter: Ø15 mm
- Rod Diameter: Ø6 mm
- Length: 253 mm
- Packing: per piece

SET WITH
- 4 pieces screw

INSTALLATION DIAGRAM

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>CAPACITY</th>
<th>LOAD FORCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.K620.80N</td>
<td>135.11.080</td>
<td>8 kg.</td>
<td>80N</td>
</tr>
<tr>
<td>S32.K620.100N</td>
<td>135.11.100</td>
<td>10 kg.</td>
<td>100N</td>
</tr>
<tr>
<td>S32.K620.120N</td>
<td>135.11.120</td>
<td>12 kg.</td>
<td>120N</td>
</tr>
</tbody>
</table>

LID STAY
- Material: Zinc Alloy
- Finish: Steel, white plastic coated
- Opening angle: 110°
- Packing: per piece

INSTALLATION DIAGRAM

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>CAPACITY</th>
<th>LOAD FORCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.K818.80N</td>
<td>135.10.385</td>
<td>8 kg.</td>
<td>80N</td>
</tr>
<tr>
<td>S32.K818.100N</td>
<td>135.10.390</td>
<td>10 kg.</td>
<td>100N</td>
</tr>
<tr>
<td>S32.K818.120N</td>
<td>135.10.395</td>
<td>12 kg.</td>
<td>120N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.K607</td>
<td>135.10.607</td>
<td>Left &amp; Right</td>
</tr>
</tbody>
</table>

DRILLING DIAGRAM
Flap Fittings
LIFT-UP MECHANISM, STAY HINGE & LID STAY

VERTICAL SWING LIFT-UP MECHANISM
- Material: ABS
- Door Thickness: 17mm - 20mm Thick
- Door Width: Min. 450mm - Max. 900mm
- Door Weight: 7kgs. - 8kgs. Door
- Packing: per Set

PARTS DESCRIPTION

<table>
<thead>
<tr>
<th>FITTINGS</th>
<th>INSTALLATION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RIGHT &amp; LEFT HAND SIDE BODY</td>
<td>1 PAIR</td>
</tr>
<tr>
<td>2</td>
<td>OFF-SET HINGE</td>
<td>2 PIECES</td>
</tr>
<tr>
<td>3</td>
<td>MOUNTING PLATE (HBFN-SZ)</td>
<td>2 PIECES</td>
</tr>
<tr>
<td>4</td>
<td>RUBBER BUMPER</td>
<td>2 PIECES</td>
</tr>
<tr>
<td>5</td>
<td>FLAT HEAD SCREW (Ø3.5 x 15MM)</td>
<td>8 PIECES</td>
</tr>
<tr>
<td>6</td>
<td>PAN HEAD SCREW (Ø3.5 x 17MM/Ø3.5 x 25MM)</td>
<td>8 PIECES/6 PIECES</td>
</tr>
<tr>
<td>7</td>
<td>HEX KEY L-WRENCHERS SIZES: 2MM, 4MM &amp; 7MM</td>
<td>1 PIECE PER SIZE</td>
</tr>
</tbody>
</table>

INSTALLATION DIAGRAM

SIDE VIEW

FRONT VIEW

LID STAY
- Material: Zinc Alloy
- Finish: Steel, white plastic coated
- Opening angle: 110°
- Packing: per piece

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.K807</td>
<td>135.10.607</td>
<td>Left &amp; Right</td>
</tr>
</tbody>
</table>

STAY HINGE
- Material: Zinc Alloy
- Finish: NP
- Packing: per pair

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>SIZE</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.S20L&amp;R CP</td>
<td>135.25.020</td>
<td>Large</td>
<td>Left &amp; Right</td>
</tr>
<tr>
<td>S32.S21L&amp;R CP</td>
<td>135.25.021</td>
<td>Small</td>
<td>Left &amp; Right</td>
</tr>
</tbody>
</table>

LID STAY BRACKET
for AF/AF23
- Finish: NP
- Packing: per pair

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.AFB114</td>
<td>135.15.114</td>
<td>Left &amp; Right</td>
</tr>
</tbody>
</table>

NP Nickel Plated

01.1C2.03
**ELECTRIC SENSO (ELECTRIC OPENING)**

**STYLISH FOLDING LIFT FITTING FOR LOW-CEILINGED ROOMS.**

- Specification: with Sensor Switch
- Hinges: 3 hinges
- Packing: per set

The ideal solution for wall units in low-ceilinged rooms. With E-Senso, the electronic version, there is the extra convenience of push-button control of the opening and closing movements, simply smart – it holds up the split front panel on the way up, so as to take up a minimum of space. The integrated multiposition stop system holds the front securely in any intermediate position.

Other attractive features are the minimal installation depth, simple adjustment and the fact that E-Senso fittings can be used for unit heights as high as 90 cm. Flexible E-Senso fittings can handle both symmetrical and asymmetrical front panel splits. Kitchen designers and planners value the high value on all these features.

- Specifically for high wall units up to 900 mm
- Multiposition stop system – front panel held securely in any position
- Finger pinch protection with central safety guard hinge
- Compact design with minimal installation depth (138 mm) for wide and varied use in kitchens, bathrooms and living areas
- Use right or left – simplifies logistics and assembly
- Simple adjustment – of door opening angle and holding force

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DOOR WIDTH</th>
<th>DOOR WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUWIL.H602E.ELECTRIC</td>
<td>135.36.100</td>
<td>Max. 900 mm</td>
<td>4.5 kgs - 14 kgs</td>
</tr>
</tbody>
</table>

**SENSEO**

**STYLISH FOLDING LIFT FITTING FOR LOW-CEILINGED ROOMS.**

- Hinges: 2 Hinges
- Packing: per set

The ideal solution for wall units in low-ceilinged rooms. Senso, simply smart – it holds up the split front panel on the way up, so as to take up a minimum of space. The integrated multiposition stop system holds the front securely in any intermediate position.

Other attractive features are the minimal installation depth, simple adjustment and the fact that Senso fittings can be used for unit heights as high as 90 cm. Flexible Senso fittings can handle both symmetrical and asymmetrical front panel splits. Kitchen designers and planners set a high value on all these features.

- Specifically for high wall units up to 900 mm
- Multiposition stop system – front panel held securely in any position
- Finger pinch protection with central safety guard hinge
- Compact design with minimal installation depth (138 mm) for wide and varied use in kitchens, bathrooms and living areas
- Use right or left – simplifies logistics and assembly
- Simple adjustment – of door opening angle and holding force

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DOOR WIDTH</th>
<th>DOOR WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUWIL.H602S</td>
<td>135.36.105</td>
<td>700-780 mm</td>
<td>7-15 kgs.</td>
</tr>
<tr>
<td>HUWIL.H601S</td>
<td>135.36.110</td>
<td>700-780 mm</td>
<td>5-9 kgs.</td>
</tr>
</tbody>
</table>

**VERSO**

**A LIFTER PERFECTLY TUNED TO CONTEMPORARY KITCHEN DESIGN.**

- Packing: per set

Ideal for medium-sized and large front panels – Verso ensures optimal access to the stored contents. With multiposition stop system for secure holding in any position.

The Verso offers opening for ultra-comfortable opening. Verso is also ideal for use with glass front panels – for fascinating impressions of transparency and light.

- Simple adjustment in all planes – height, side, tilt, door opening angle and holding force
- Multiposition stop system – front panel held securely in any position
- Optimal position for the synchronisation rod
- Optimal access to contents even with medium-sized and large doors
- Compact design with minimal installation depth (138 mm) for wide and varied use in kitchens, bathrooms and living areas
- Use right or left – simplifies logistics and assembly

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DOOR WIDTH</th>
<th>DOOR WEIGHT</th>
<th>LOAD FORCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUWIL.H502S</td>
<td>135.36.115</td>
<td>420-800 mm</td>
<td>6-8 kgs.</td>
<td>400N</td>
</tr>
</tbody>
</table>

**FREE**

**ULTRA-COMPACT WITH BIG USER BENEFITS.**

Practical, balanced and compact. Humilift Free needs no additional hinges. Adjustment in three dimensions is simple and the multiposition stop feature is integrated in the front panel connector.

Installation depth is only 116 mm and the fitting is capable of lifting front panels weighing up to 12 kg. Technical data that speak for themselves.

- Easy 3-dimensional adjustment at the connector – height, side gap, tilt
- Multiposition stop system – front panel held securely in any position
- Compact design, minimal installation depth (125 mm)
- Holding force can be set easily

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DOOR WIDTH</th>
<th>DOOR WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUWIL.H401S</td>
<td>135.36.120</td>
<td>250-270 mm</td>
<td>2.4 kgs-17 kgs</td>
</tr>
</tbody>
</table>
**AeroSplit**

Easy and precise adjustment to weight and size.

Anti-pinch central hinge for safe functioning.

Supplementary damping for very soft closing.

**SET WITH**
- 2 mechanisms (RX and LX)
- 2 brackets (RX and LX)
- 2 covers (RX and LX)
- 3 upper hinges 120°, Fittings
- 2 central hinges 120°, Fittings
- Elegant movement in narrow rooms
- Compatible with low ceiling
- Full accessibility of the cabinet interior
- Perfect stay in every position
- Technical visual appeal
- Slim housing for non-invasive look
- All adjustments for perfect fit

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DOOR HEIGHT</th>
<th>DOOR WEIGHT CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGV.SPLIT.B30</td>
<td>135.35.130</td>
<td>720 mm</td>
<td>8.8 kgs. - 11 kgs.</td>
</tr>
<tr>
<td>FGV.SPLIT.C40</td>
<td>135.35.140</td>
<td>800 mm</td>
<td>10.1 kgs. - 12.5 kgs.</td>
</tr>
</tbody>
</table>

**AeroFlap**

Easy & precise adjustment to weight and size.

3-D adjustment for door position and inclination.

Very slim mechanism for non-invasive look

**SET WITH**
- 2 mechanisms (RX and LX)
- 2 brackets (RX and LX), Fittings
- Natural movement
- Compatible with low ceiling
- Full accessibility of the cabinet interior
- Perfect stay in every position
- High-end visual appeal
- Slim housing for non-invasive look
- All adjustments for perfect fit

<table>
<thead>
<tr>
<th>Note: Stabilization bar standard dimension sold separately</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DOOR HEIGHT</th>
<th>DOOR WEIGHT CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGV.FLAP.R30</td>
<td>135.35.360</td>
<td>450 mm</td>
<td>7.4 kgs. - 9.2 kgs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>600 mm</td>
<td>6.8 kgs. - 8.4 kgs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>660 mm</td>
<td>6.3 kgs. - 7.9 kgs.</td>
</tr>
<tr>
<td>FGV.FLAP.R40</td>
<td>135.35.460</td>
<td>450 mm</td>
<td>9.3 kgs. - 10.8 kgs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>600 mm</td>
<td>8.5 kgs. - 9.9 kgs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>660 mm</td>
<td>8.0 kgs. - 9.3 kgs.</td>
</tr>
<tr>
<td>FGV.FLAP.S30</td>
<td>135.35.380</td>
<td>720 mm</td>
<td>7.9 kgs. - 9.3 kgs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>800 mm</td>
<td>7.7 kgs. - 8.9 kgs.</td>
</tr>
<tr>
<td>FGV.FLAP.S40</td>
<td>135.35.480</td>
<td>720 mm</td>
<td>9.5 kgs. - 12.0 kgs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>800 mm</td>
<td>9.0 kgs. - 11.4 kgs.</td>
</tr>
</tbody>
</table>

**AeroLoft**

Compact design to fit into upper corner of cabinet

Tolerant fitting accepting usual variations of the industry

Final damping for soft closing of the door.

**SET WITH**
- 2 mechanisms (RX and LX)
- 2 brackets (RX and LX)
- 2 covers (RX and LX), Fittings
- Ideal for narrow space
- Lofty look with high ceiling rooms
- Full accessibility of the cabinet interior
- Perfect stay in every position
- Very aerial visual appeal
- Slim housing for non-invasive look
- All adjustments for perfect fit

<table>
<thead>
<tr>
<th>Note: Stabilization bar standard dimension sold separately</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DOOR HEIGHT</th>
<th>DOOR WEIGHT CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGV.LOFT.K10</td>
<td>135.35.250</td>
<td>380 mm-500 mm</td>
<td>4.8 kgs. - 6 kgs.</td>
</tr>
</tbody>
</table>

**AeroStabilization Bar**

- Stabilization bar standard dimension 1 m & 2 m.
  (Dimension of the bar = Internal cabinet dimension - 25 mm)

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGV.STAB.1000</td>
<td>135.35.100</td>
<td>1000 mm</td>
</tr>
<tr>
<td>FGV.STAB.2000</td>
<td>135.35.200</td>
<td>2000 mm</td>
</tr>
</tbody>
</table>
**BUS-DOOR LATERAL OPENING MECHANISM**

- Mounting: Left & Right
- Packing: per piece

**STAY FLAP FITTINGS**

- Material: Iron, Plastic
- Finish: Nickel Plated
- Border Width: 20mm aluminum frame and wood frame door 45mm
- Packing: per piece

**DOOR SIZE OPTIONS**

<table>
<thead>
<tr>
<th>1 pc.</th>
<th>400 - 700mm (DW) x 400mm (DH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pc.</td>
<td>700 - 900mm (DW) x 400mm (DH)</td>
</tr>
<tr>
<td>2 pcs.</td>
<td>900 - 1200mm (DW) x 400mm (DH)</td>
</tr>
<tr>
<td>2 pcs.</td>
<td>1200 - 1600mm (DW) x 400mm (DH)</td>
</tr>
</tbody>
</table>

**PARALLEL LIFT UP FRONT FITTING**

- Material: Zinc Alloy, Plastic
- Minimum Size of Cabinet: Height: Min. 450mm - Max. 700mm
- Depth: Min. 250mm
- Finish: Gray
- Packing: per pair

**SWING UP FRONT FITTING**

- Material: Zinc Alloy, Plastic
- Minimum Size of Cabinet: Height: Min. 450mm - Max. 700mm
- Depth: Min. 250mm
- Finish: Gray
- Packing: per pair

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Code</th>
<th>Width</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.KS01A</td>
<td>135.21.016</td>
<td>600 - 700mm</td>
<td>Suitable for Wood and Aluminum Doors</td>
</tr>
<tr>
<td>S32.KS01B</td>
<td>135.21.017</td>
<td>800 - 900mm</td>
<td>Suitable for Wood and Aluminum Doors</td>
</tr>
<tr>
<td>S32.LS40L</td>
<td>135.21.004</td>
<td>Left</td>
<td>Suitable for Wood and Aluminum Doors</td>
</tr>
<tr>
<td>S32.LS40R</td>
<td>135.21.005</td>
<td>Right</td>
<td>Suitable for Wood and Aluminum Doors</td>
</tr>
<tr>
<td>S32.KS02A</td>
<td>135.21.016</td>
<td>600 - 700mm</td>
<td>Suitable for Wood and Aluminum Doors</td>
</tr>
<tr>
<td>S32.KS02B</td>
<td>135.21.019</td>
<td>800 - 900mm</td>
<td>Suitable for Wood and Aluminum Doors</td>
</tr>
</tbody>
</table>
### BUTT HINGE
- **Material:** SUS201/ SUS202 Stainless Steel
- **Finish:** SSS
- **Packing:** per pair

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>MX.BH1.1/2&quot;.SSS</td>
<td>136.20.138</td>
<td>1.5&quot;/38 mm</td>
<td>30 mm</td>
<td>5 mm</td>
<td>1 mm</td>
</tr>
<tr>
<td>MX.BH2.0&quot;.SSS</td>
<td>136.20.138</td>
<td>2&quot;/50 mm</td>
<td>37 mm</td>
<td>5.5 mm</td>
<td>1 mm</td>
</tr>
<tr>
<td>MX.BH2.1/2&quot;.SSS</td>
<td>136.20.138</td>
<td>2.5&quot;/63 mm</td>
<td>42 mm</td>
<td>6 mm</td>
<td>1.2 mm</td>
</tr>
<tr>
<td>MX.BH3.0&quot;.SSS</td>
<td>136.20.138</td>
<td>3&quot;/76 mm</td>
<td>49 mm</td>
<td>7 mm</td>
<td>1.3 mm</td>
</tr>
</tbody>
</table>

### BUTT HINGE
- **Material:** Steel
- **Finish:** Brass
- **Packing:** per pair

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.BH.138</td>
<td>136.20.138</td>
<td>63 mm</td>
<td>34 mm</td>
<td>5 mm</td>
<td>1.5 mm</td>
</tr>
</tbody>
</table>

### BUTT HINGE w/ Nylon Ring
- **Material:** Stainless Steel
- **Packing:** per pair

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.BH.3175.SS</td>
<td>136.20.317</td>
<td>75 mm</td>
<td>45 mm</td>
<td>6 mm</td>
<td>1.1 mm</td>
</tr>
</tbody>
</table>

### SEWING MACHINE HINGE
- **Material:** Brass
- **Finish:** PB, SN
- **Packing:** per piece

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>A</th>
<th>B</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.FT124.PB</td>
<td>136.40.124</td>
<td>71 mm</td>
<td>30 mm</td>
<td>Recess mounting &amp; sewing machine table</td>
</tr>
<tr>
<td>S32.FT124.SN</td>
<td>136.40.125</td>
<td>71 mm</td>
<td>30 mm</td>
<td>Recess mounting &amp; sewing machine table</td>
</tr>
</tbody>
</table>

### PIANO HINGE
- **Material:** Stainless Steel
- **Packing:** per piece

### INVISIBLE HINGE
- **Material:** SUS304 Stainless Steel
- **Finish:** SB, SN
- **Packing:** per piece

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>WIDTH</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.FT122.SS</td>
<td>136.30.123</td>
<td>1 1/4&quot;</td>
<td>1.8 Meters</td>
</tr>
<tr>
<td>S32.FT123.SS</td>
<td>136.30.125</td>
<td>1 1/2&quot;</td>
<td>1.8 Meters</td>
</tr>
</tbody>
</table>

### ANTIQUE STYLE STEEL HINGE
- **Material:** Steel
- **Finish:** ABR
- **Thickness:** 1.5 mm
- **Mounting:** Left & Right
- **Packing:** per piece

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>MOUNTING</th>
<th>A</th>
<th>B</th>
<th>ØB mm</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.BH50AL.ABR</td>
<td>136.10.600</td>
<td>Left</td>
<td>50 mm</td>
<td>14 mm</td>
<td>8 mm</td>
<td>14 mm</td>
<td></td>
</tr>
<tr>
<td>S32.BH50AR.ABR</td>
<td>136.10.601</td>
<td>Right</td>
<td>50 mm</td>
<td>14 mm</td>
<td>8 mm</td>
<td>14 mm</td>
<td></td>
</tr>
</tbody>
</table>

**Legend:**
- **SSS** Satin Stainless Steel
- **ABR** Antique Brass
- **PB** Polish Brass
- **SB** Satin Brass
- **SN** Satin Nickel
**GLASS DOOR HINGE**
- Material: Zinc Alloy
- Finish: CH
- Packing: per pair

**MAGNETIC GLASS HINGE**
- Material: Steel w/ Cap
- Color: BLK
- Packing: per pair

**INSTALLATION DIAGRAM**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>FOR GLASS THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.MT99.CH</td>
<td>137.30.990</td>
<td>3-5 mm</td>
</tr>
</tbody>
</table>

**GLASS TO GLASS HINGE**
- Finish: PC
- Thickness: 3 mm
- Packing: per piece

**GLASS TO GLASS SHELF HOLDER**
- Material: Zinc Alloy
- For Glass Thickness: 6-10 mm
- Finish: NK
- Packing: per piece

**INSTALLATION METHOD**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>MX.GGS814</td>
<td>125.20.614</td>
<td>20 mm</td>
<td>Ø21 mm</td>
<td>4 mm</td>
<td>5 mm</td>
<td>16 mm</td>
<td>11 mm</td>
</tr>
<tr>
<td>MX.GGS812</td>
<td>125.20.612</td>
<td>20 mm</td>
<td>Ø21 mm</td>
<td>4 mm</td>
<td>5 mm</td>
<td>11 mm</td>
<td>4 mm</td>
</tr>
</tbody>
</table>
DOOR BUFFER
- Material: ABS
- Color: GRY
- Packing: per piece

INSTALLATION DIAGRAM

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>TYPE</th>
<th>LENGTH L1</th>
<th>DISTANCE L1</th>
<th>Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.DB203.GRAY</td>
<td>139.20.203</td>
<td>Insert type</td>
<td>50 mm</td>
<td>51 mm</td>
<td>9 mm</td>
</tr>
</tbody>
</table>

DOOR BUFFER HOUSING
- Material: ABS
- Color: GRY
- Type: Slim type
- Packing: per piece

INSTALLATION DIAGRAM

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>LENGTH L</th>
<th>DISTANCE L1</th>
<th>HEIGHT H</th>
<th>WIDTH C</th>
<th>DISTANCE S</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.DB203A.GRAY</td>
<td>139.20.205</td>
<td>61 mm</td>
<td>21 mm</td>
<td>17 mm</td>
<td>19 mm</td>
<td>32 mm</td>
</tr>
</tbody>
</table>

DOOR BUFFER HOUSING
- Material: ABS
- Color: GRY
- Type: T-type
- Packing: per piece

INSTALLATION DIAGRAM

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>LENGTH L</th>
<th>DISTANCE L1</th>
<th>HEIGHT H</th>
<th>WIDTH C</th>
<th>DISTANCE S</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.DB203B.GRAY</td>
<td>139.20.210</td>
<td>53 mm</td>
<td>10 mm</td>
<td>11 mm</td>
<td>45 mm</td>
<td>32 mm</td>
</tr>
</tbody>
</table>

DOOR BUMPER
- Adhesive
- Made of wear-free polyurethane, shore hardness A60-70, one sheet comprises 50 moulded buffers, self-adhesive
- Material: Rubber
- Color: Clear
- Packing: per sheet

HOLE CAP
- for Shelf Support
- Material: Plastic
- Color: Clear, WH
- Application: For shelf support
- Packing: per piece

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.MX103.CLRR</td>
<td>139.25.103</td>
<td>Ø8 mm</td>
</tr>
</tbody>
</table>

DOOR BUMPER - PLUG-IN
- Material: Plastic
- Color: Clear
- Packing: per piece

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CODE</th>
<th>DRILL HOLE Ø</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>S32.R017B.CLR</td>
<td>139.15.217</td>
<td>Ø5 mm</td>
<td>Ø6 mm</td>
<td>21 mm</td>
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<td>S32.R017B.WHT</td>
<td>139.15.317</td>
<td>Ø5 mm</td>
<td>Ø6 mm</td>
<td>21 mm</td>
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<th>ITEM NO.</th>
<th>CODE</th>
<th>DRILL HOLE Ø</th>
<th>A</th>
<th>B</th>
</tr>
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<tbody>
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<td>S32.R017A.CLR</td>
<td>139.15.117</td>
<td>Ø5 mm</td>
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