NEW

fischer

light channel system

FLS

Easy, stable and variable.
fischer light channel system FLS.
Easy and stable.

Installation channel FLS

- The alternating long slots with 8.5 mm and 10.5 mm width in the channel enable the optimised fixing in the substrate.
- Unique channel width of 31 mm.
- The serration with stamped teeth in the channel facilitates the installation of the connector elements intensively.
- The channel shape with edge seams gives a perfect fit for the construction elements.
- The wide range of channels with three channel heights (17, 30 and 37 mm) allows greater flexibility.
- The scale on the channels simplifies its cutting and the positioning of the accessories during the installation.

Pre-assembled construction elements

- The clix-elements with 90°-rotation enable a simple and time-saving post-installation in set channels.
- The pre-assembled accessories guarantee a time-saving and easy installation due to the reduced number of articles.
- The unique thrust block guarantees a secure installation position.

Optimised connection elements

- The special spring leg on the clix-elements ensures the required pressure in the channel for a simple adjustment of the element.
- The unique stop element on the clix-elements facilitates the precise and error-free 90°-rotation in the channel.
- The characteristic retaining brackets on the connector elements guarantee the form-fitting installation in the channel.
- The unique and disappearing thrust block on the plastic holder of the sliding nut Clix P guarantees a connection without plastic insert in order for a secure metallic connection.
The variable channel system.
Flexibility in the system.
Applications.

<table>
<thead>
<tr>
<th>Channel fastening on the floor</th>
<th>Channel construction as bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time-saving and secure installation with the preassembled SF Clix 31.</td>
<td>The unique thrust block on the MW 90° Clix guarantees a secure installation position.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ventilation duct fastening with suspended channel</th>
<th>Channel extension with rail connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Easy and secure installation through optimum stability of the light channels and acoustic decoupling of the EMS rubber inlay.</td>
<td>Secure metal connection due to the disappearing thrust block on the sliding nut FSM Clix P.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rack with two levels</th>
<th>Light, suspended pipe fastening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form-fitting installation longitudinal and transverse to the channel direction due to the characteristic retaining brackets of the channel connector SV 31.</td>
<td>Easy adjustment of the suspension position in the channel with the FSM Clix M through the characteristic spring leg.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cantilever arm fitted on channel</th>
<th>Pipe fastening on light channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible and stable channel connection, also on the reverse, as a result of the unique retaining brackets on the channel connectors.</td>
<td>Precise and error-free 90° rotation on the clix-elements through the special stop element.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ventilation pipe fastening to the wall</th>
<th>Cable duct on cantilever arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable and secure cantilever arm fastening through the angle brace WS 31/45°.</td>
<td>Easy and load-optimised cantilever arm fastening through various cantilever arms ALK.</td>
</tr>
</tbody>
</table>
### Load Table FLS Clix Elements (applies to all elements with hammer head plate FHS, FSM, MW and SF)

<table>
<thead>
<tr>
<th>Type</th>
<th>Max. Recommended Tension for FLS17/1.0 and FLS30/1.0</th>
<th>Max. Recommended Tension for FLS37/1.2</th>
<th>Max. Recommended Shear Load</th>
<th>Tightening Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$N_{\text{req}}$ [kN]</td>
<td>$N_{\text{req}}$ [kN]</td>
<td>$V_{\text{req}}$ [kN]</td>
<td>$T_{\text{req}}$ [Nm]</td>
</tr>
<tr>
<td>FHS Clix / FSM Clix M</td>
<td>1.5</td>
<td>2.0</td>
<td>1.0</td>
<td>8.0</td>
</tr>
<tr>
<td>FSM Clix P, HK, MW, MWU, SF, SV</td>
<td>1.5</td>
<td>2.0</td>
<td>1.0</td>
<td>10.0</td>
</tr>
</tbody>
</table>

### Range and Loads

<table>
<thead>
<tr>
<th>Item</th>
<th>Art.-No.</th>
<th>Sales Unit [pcs]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel FLS 17/1.0 - 2 m</td>
<td>538753</td>
<td>10</td>
</tr>
<tr>
<td>Channel FLS 17/1.0 - 3 m</td>
<td>538754</td>
<td>8</td>
</tr>
<tr>
<td>Channel FLS 30/1.0 - 2 m</td>
<td>538755</td>
<td>10</td>
</tr>
<tr>
<td>Channel FLS 30/1.0 - 3 m</td>
<td>538756</td>
<td>8</td>
</tr>
<tr>
<td>Channel FLS 37/1.2 - 2 m</td>
<td>538757</td>
<td>10</td>
</tr>
<tr>
<td>Channel FLS 37/1.2 - 3 m</td>
<td>538758</td>
<td>8</td>
</tr>
<tr>
<td>Channel FLS 37/1.2 - 6 m</td>
<td>538759</td>
<td>1</td>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Art.-No.</th>
<th>Sales Unit [pcs]</th>
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<tbody>
<tr>
<td>Cover cap AK 17</td>
<td>538746</td>
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<tr>
<td>Cover cap AK 30</td>
<td>538747</td>
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<tr>
<td>Cover cap AK 37</td>
<td>538748</td>
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<tr>
<th>Item</th>
<th>Art.-No.</th>
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<tbody>
<tr>
<td>Angle brace WS 31/45°</td>
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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>Channel connector SV 31</td>
<td>538641</td>
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<tr>
<th>Item</th>
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<tbody>
<tr>
<td>Sliding channel nut FSM Clix P 6</td>
<td>538643</td>
<td>50</td>
</tr>
<tr>
<td>Sliding channel nut FSM Clix P 8</td>
<td>538644</td>
<td>50</td>
</tr>
<tr>
<td>Sliding channel nut FSM Clix P 10</td>
<td>538645</td>
<td>50</td>
</tr>
<tr>
<td>Sliding channel nut FSM Clix M 6</td>
<td>538650</td>
<td>50</td>
</tr>
<tr>
<td>Sliding channel nut FSM Clix M 8</td>
<td>538651</td>
<td>50</td>
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<tr>
<td>Sliding channel nut FSM Clix M 10</td>
<td>538652</td>
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<thead>
<tr>
<th>Item</th>
<th>Art.-No.</th>
<th>Sales Unit [pcs]</th>
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<tbody>
<tr>
<td>Saddle flange pre-assembled SF Clix 31</td>
<td>538665</td>
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<tr>
<th>Item</th>
<th>Art.-No.</th>
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</thead>
<tbody>
<tr>
<td>Angle bracket pre-assembled MW Clix 90°</td>
<td>538666</td>
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<thead>
<tr>
<th>Item</th>
<th>Art.-No.</th>
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<tbody>
<tr>
<td>Beam clamp TKR 31</td>
<td>538751</td>
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<tr>
<th>Item</th>
<th>Art.-No.</th>
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<tbody>
<tr>
<td>Cantilever arm ALK 17-200</td>
<td>538738</td>
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<td>Cantilever arm ALK 17-300</td>
<td>538739</td>
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<td>Cantilever arm ALK 30-200</td>
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<td>Cantilever arm ALK 30-300</td>
<td>538741</td>
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<td>Cantilever arm ALK 30-450</td>
<td>538742</td>
<td>10</td>
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<tr>
<td>Cantilever arm ALK 37-300</td>
<td>538743</td>
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<tr>
<td>Cantilever arm ALK 37-450</td>
<td>538744</td>
<td>10</td>
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<tr>
<td>Cantilever arm ALK 37-600</td>
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<th>Item</th>
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<tbody>
<tr>
<td>Channel washer HK 31 8,5</td>
<td>538683</td>
<td>50</td>
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<tr>
<td>Channel washer HK 31 10,5</td>
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<th>Item</th>
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</thead>
<tbody>
<tr>
<td>T-head bolt FHS Clix 8 x 30</td>
<td>538653</td>
<td>100</td>
</tr>
<tr>
<td>T-head bolt FHS Clix 8 x 40</td>
<td>538654</td>
<td>100</td>
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<tr>
<td>T-head bolt FHS Clix 8 x 60</td>
<td>538655</td>
<td>100</td>
</tr>
<tr>
<td>T-head bolt FHS Clix 8 x 80</td>
<td>538656</td>
<td>100</td>
</tr>
<tr>
<td>T-head bolt FHS Clix 8 x 100</td>
<td>538657</td>
<td>100</td>
</tr>
<tr>
<td>T-head bolt FHS Clix 10 x 30</td>
<td>538658</td>
<td>100</td>
</tr>
<tr>
<td>T-head bolt FHS Clix 10 x 40</td>
<td>538659</td>
<td>100</td>
</tr>
<tr>
<td>T-head bolt FHS Clix 10 x 60</td>
<td>538660</td>
<td>100</td>
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<tr>
<td>T-head bolt FHS Clix 10 x 100</td>
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<th>Item</th>
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<tbody>
<tr>
<td>Angle bracket substrate MWU 90° (8,5)</td>
<td>538667</td>
<td>25</td>
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<th>Item</th>
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<tbody>
<tr>
<td>Angle bracket MW 90°</td>
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<th>Item</th>
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<tbody>
<tr>
<td>Rubber inlay EMS 31</td>
<td>538752</td>
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<th>Item</th>
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<tbody>
<tr>
<td>FBS II 8x55 US TX</td>
<td>536851</td>
<td>50</td>
</tr>
<tr>
<td>FBS II 8x70 US TX</td>
<td>536852</td>
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</thead>
<tbody>
<tr>
<td>FBS 6x40/5 LP</td>
<td>523911</td>
<td>100</td>
</tr>
<tr>
<td>FBS 6x80/25 LP</td>
<td>66948</td>
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</table>

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</thead>
<tbody>
<tr>
<td>EA II M8x25</td>
<td>532231</td>
<td>100</td>
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<tr>
<td>EA II M10x25</td>
<td>532232</td>
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<tbody>
<tr>
<td>SXR 10x60 FUS</td>
<td>46329</td>
<td>100</td>
</tr>
</tbody>
</table>

1) Other dimensions on request.
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