

TEXTILE DIFFUSER MOUNTING INSTRUCTION

1. GENERAL DIRECTIVES TO TEXTILE DIFFUSER MOUNTING INSTRUCTION

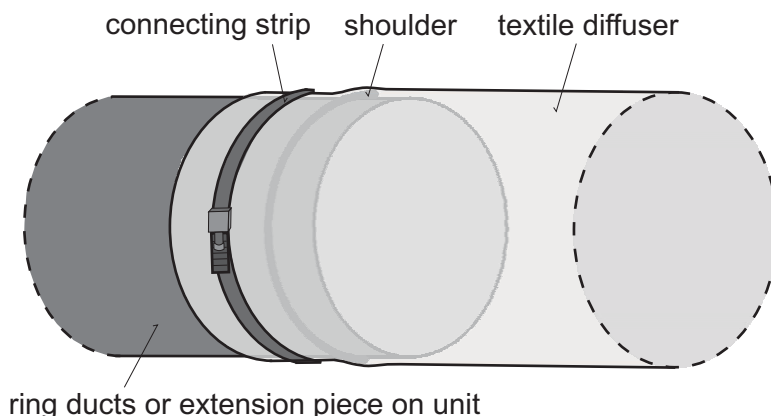
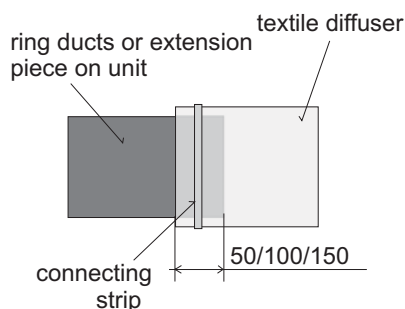
- 1.1. Study the drawing of textile diffuser, delivered by the company Příhoda s.r.o., before the start of the mounting, and compare it with factual situation in the installation point. Read carefully presented mounting instruction. Check whether the installation is possible to the point identified either by project or by wish of investor. Check, according to the "Pack list" affixed to the package, whether you have at disposal all mounting material and all parts of diffusers. Shall all correspond, start the installation according to the following instructions. Contact your supplier in case of any doubts or deficiencies in the delivery.
- 1.2. Before the mounting itself, or after the washing-out, diffusers shall be stored in clean and dry place, wrapped and dry. After unwrapping, diffusers must not get in touch with impurity; assemblers must have clean hands. The whole supply piping branch shall be absolutely clean before first blowing. Do not switch the fan on, unless the whole distribution system is installed - danger of textile damage!
- 1.3. Prepare mounting material, which is not part of the delivery. Usually it represents dowels, hooks, wood screws into walls and counter-flanges. Abstract of delivered mounting material - see enclosure.
- 1.4. Diffusers are divided into several parts, connected by means of zips. Each part has its unique number, identified in the drawing attached to the delivery. Mentioned number corresponds with the marking in washable labels of the zips, where is in the form: position - part number / total number of parts. F.e: 02 - 03 / 05 means at 2. position its 3. part from the total number of 5.
- 1.5. **Smell from diffusers:** The holes into fabrics are burnt out by means of lasers. Smoke and smell occur during this process. The residues of smell can be releasing even from final products shortly after their installation. In such a case we recommend an intensive operation with fresh air and all smell will disappear within ca. 2 weeks. The chemical analysis has proved the quite safe concentrations.
- 1.6. **NHE fabric:** The fabric is fragile and can crack at folds. Prevent the folded fabric from a load and formation of sharp-edged folds! The brunt of air the starting ventilator brings about can damage the fabric. Provide for gradual starting up of the ventilator.
- 1.7. **PLS, NLS, PLI, NLI fabrics:** These light fabrics are liable to mechanical deterioration. Prevent then from a contact with sharp objects and do not use an excessive force when installing. The air shock during fan actuation could damage the fabric and therefore ensure the gradual start of fan.

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2. CONNECTION OF TEXTILE DIFFUSER TO DUCTS, FAN OR UNIT

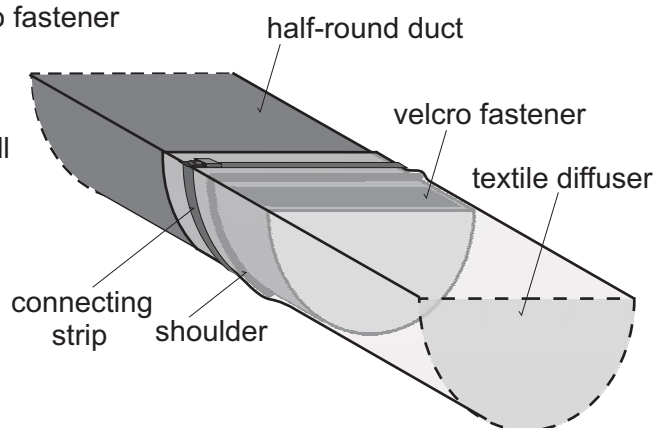
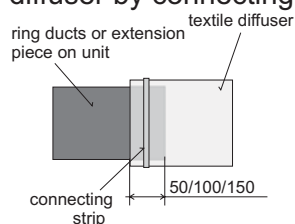
2.1. Connection to the ducts of circular cross section

Put on the front end of diffuser over the shoulder of ducts and clamp by connecting strip.



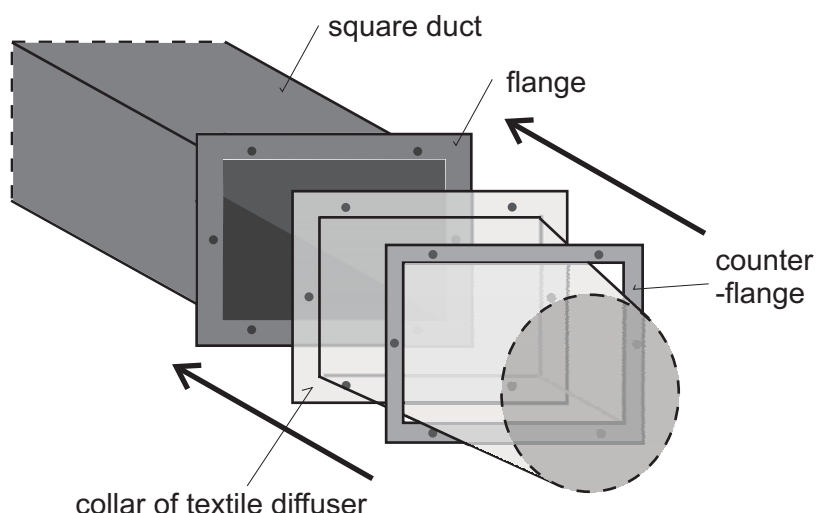
2.2. Connection to the ducts of half-round and quadrantal cross sections

1. Remove the self-adhesive part of velcro fastener and glue it to straight section of duct. It will serve as a seal.
2. Put on the front end of diffuser over the shoulder of ducts so that to join well the parts of velcro fasteners.
3. Clamp the diffuser by connecting strip.



2.3. Connection to square ducts by means of counter-flange.

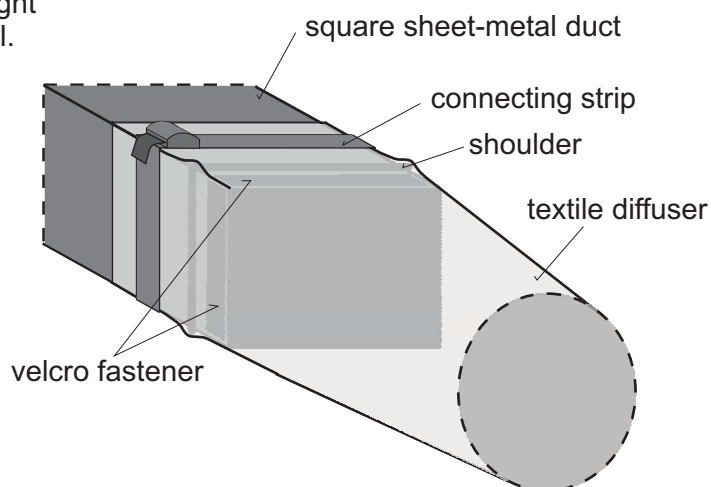
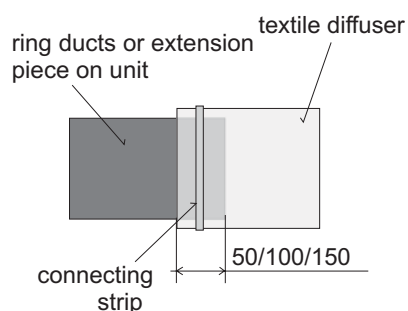
1. Perforate the collar of textile diffuser by sharp tool (e.g. knife) according to holes in counter-flange.
2. Put the counter-flange on this part as per figure.
3. Screw the flange together with the counter-flange. The collar of textile diffuser will remain to stay between them.
4. If the layout of holes is specified in order, they then will be prepared under fabrication.



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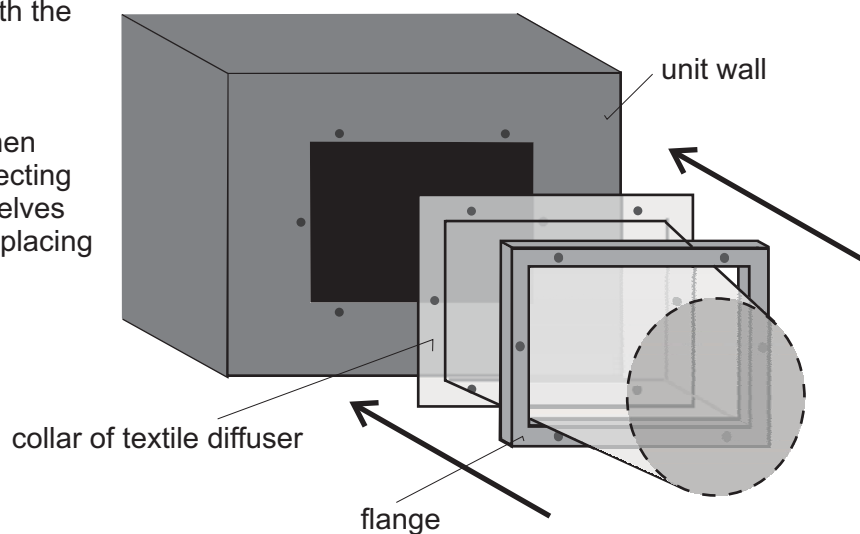
2.4. Connection to square ducts by means of connecting strip

1. Remove the self-adhesive part of velcro fastener and glue it to straight section of duct. It will serve as a seal.
2. Put on the front end of diffuser over the shoulder of duct so that to join well the parts of velcro fasteners.
3. Clamp the diffuser by connecting strip.



2.5. Connection to unit wall by means of flange

1. Put the counter-flange on the connecting part as per figure.
2. Screw the flange together with the unit wall. The collar of textile diffuser will remain to stay between them.
3. If you use your own flange then you must perforate the connecting part before installation yourselves or to specify the holes when placing an order.



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The installation consists only in connection to ducts, fan or unit via one of 5 procedures mentioned in Chapter 2. The diffuser is not fabricated for any hanging type.

The cross section of the diffuser has been chosen according to the connection cross section, but being blown up by the air the cross section becomes about circular shape.

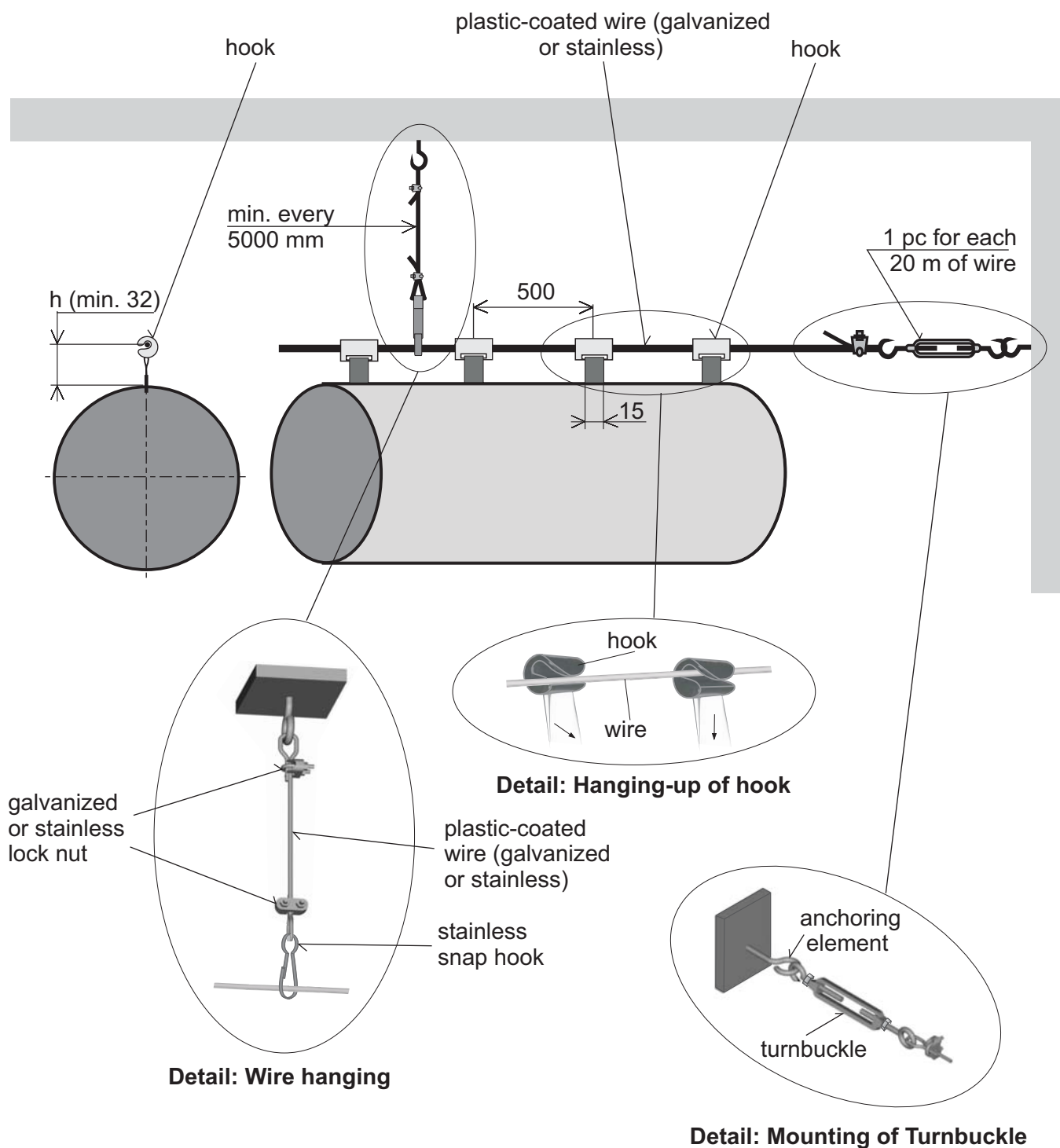
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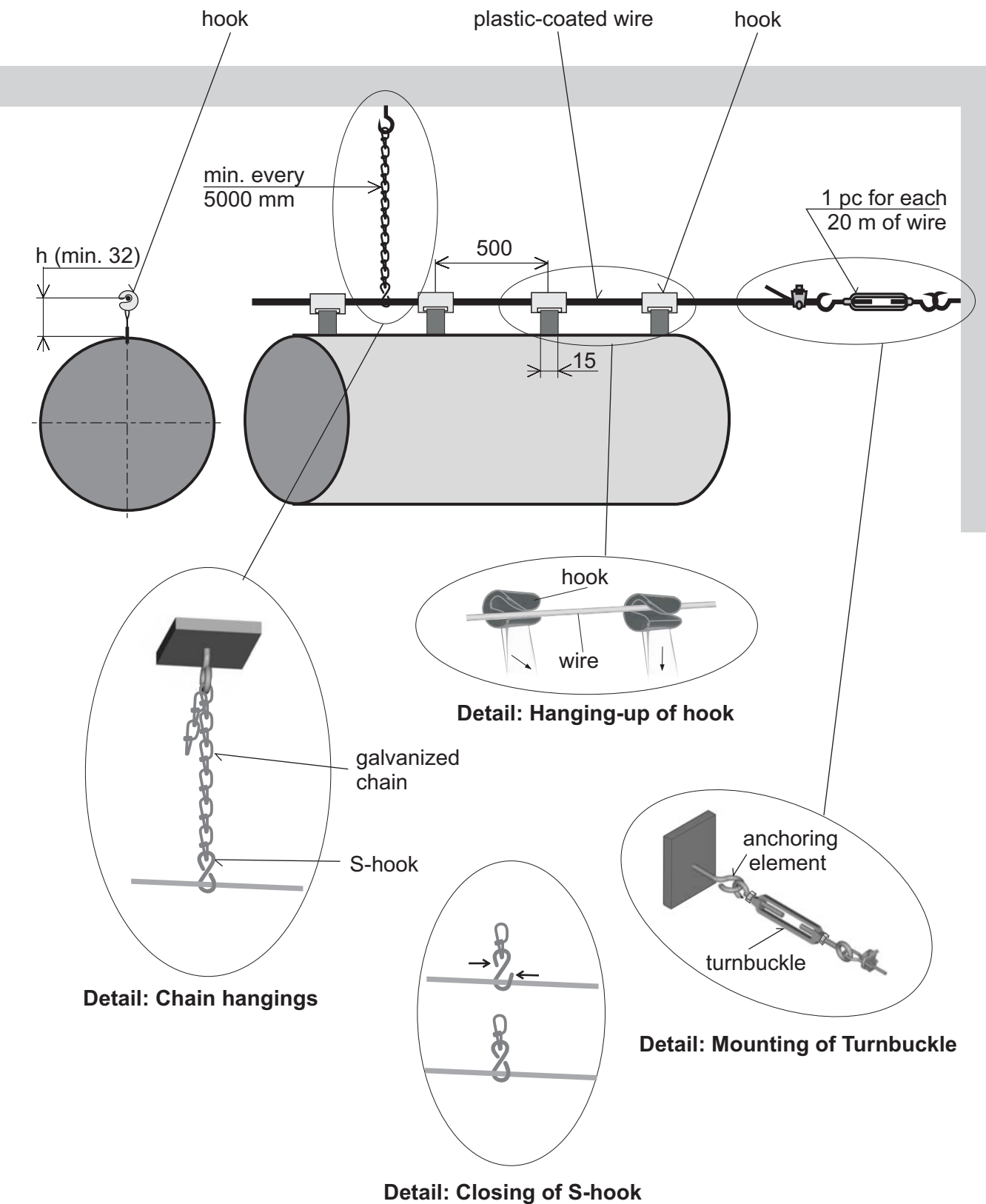
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- 1. Lay-out of fastening points for main wire:** Firstly measure out and mark an exact position of wire for hanging of diffuser on wall or other fastening points. If not specified otherwise on drawing then the wire axis is found 32 mm over upper edge of diffusers. Pay attention to the exact position of opposite anchoring points.
- 2. Mounting of anchoring elements:** Mount the anchoring elements to the marked points (see "Detail: Mounting of Turnbuckle"). These elements are not a part of delivery due to variety of used building materials. To anchor the wire a normal hook with ca. 10 mm eyelet dimension will be sufficient. Its loading capacity must be higher than 1000 N.
- 3. Lay-out of fastening points for wire hangings:** Mark the points for vertical hangings on ceiling or other structure above diffuser (see "Detail: Wire hanging"). The wire hangings hold the main wire aligned protecting it against its slacking. The own loading hanger capacity of 500 N will be sufficient, the similar hooks as for wires will be used. If the wire is shorter than 5 m the hangings are not required.
- 4. Installation of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and a level of main wire so that the main wire would stay aligned. Hang the wire hangings on prepared fastening points.
- 5. Installation of turnbuckles:** Hook up the turnbuckles to the anchors for wires. They are installed unscrewed to maximum length in order to allow a future stretching of wire. One turnbuckle must be used for each 20 m of wire as maximum.
- 6. Wire length:** Adjust the wire to the required length as per distance between opposite anchoring points with 1 meter extra. If not ordered otherwise then the supplied wire is by 5 m longer than diffuser. Make eyelets by means of wire locknuts at the ends of wires and hook up them to anchors, usually via turnbuckles. The wires must pass through snap hooks of vertical hangings (see "Detail: Wire hanging").
- 7. Connection of textile diffuser:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately. If the diffuser does not contain such front end, first hang on the part No. 1 to prepared wire (by gradual snapping shut of hooks, see "Detail: Hanging-up of hook") and only then mount this part to the air inlet.
- 8. Hanging-up and connection of diffuser parts:** Hang up gradually all parts of diffuser and join them by means of sewed zips. Extend every part for approximately correct length so as to place the hooks in correct position towards hangings. A drawing specifies the correct order of parts. Their numbers are given on washing-instruction tags sewed by zips.
- 9. Tightening of turnbuckles:** After hanging-up of all parts, minimize the sagging of wires by tightening of turnbuckles. Lock the turnbuckles in their correct position by nut.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

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1. **Lay-out of fastening points for main wire:** Firstly measure out and mark an exact position of wire for hanging of diffuser on wall or other fastening points. If not specified otherwise on drawing then the wire axis is found 32 mm over upper edge of diffusers. Pay attention to the exact position of opposite anchoring points.
2. **Mounting of anchoring elements:** Mount the anchoring elements to the marked points (see "Detail: Mounting of Turnbuckle"). These elements are not a part of delivery due to variety of used building materials. To anchor the wire a normal hook with ca. 10 mm eyelet dimension will be sufficient. Its loading capacity must be higher than 1000 N.
3. **Lay-out of fastening points for chain hanging:** Mark the points for vertical hangings on ceiling or other structure above diffuser (see "Detail: Chain hanging"). The chain hangings hold the main wire aligned protecting it against its slacking. The own loading hanger capacity of 500 N will be sufficient, the similar hooks as for wires will be used. If the wire is shorter than 5 m the hangings are not required.
4. **Installation of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and a level of main wire so that the main wire would stay aligned. Hang the wire hangings on prepared fastening points.
5. **Installation of turnbuckles:** Hook up the turnbuckles to the anchors for wires. They are installed unscrewed to maximum length in order to allow a future stretching of wire. One turnbuckle must be used for each 20 m of wire as maximum.
6. **Installation of chain hangers:** S-hook at the end of chain hook to tightened wire and hang a proper link of chain on prepared fastening points so that the cable is not slack. It is necessary to keep the same length of chain hangers for straightness of the cable. The length of chain hanger is easily adjustable by hanging for another link of chain. When all chain hangers are suspended, close S-hooks by wire pliers as per "Detail: Closing of S-hook".
7. **Connection of textile diffuser:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately. If the diffuser does not contain such front end, first hang on the part No. 1 to prepared wire (by gradual snapping shut of hooks, see "Detail: Hanging-up of hook") and only then mount this part to the air inlet.
8. **Hanging-up and connection of diffuser parts:** Hang up gradually all parts of diffuser and join them by means of sewed zips. Extend every part for approximately correct length so as to place the hooks in correct position towards hangings. A drawing specifies the correct order of parts. Their numbers are given on washing-instruction tags sewed by zips.
9. **Tightening of turnbuckles:** After hanging-up of all parts, minimize the sagging of wires by tightening of turnbuckles. Lock the turnbuckles in their correct position by nut.
10. **Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

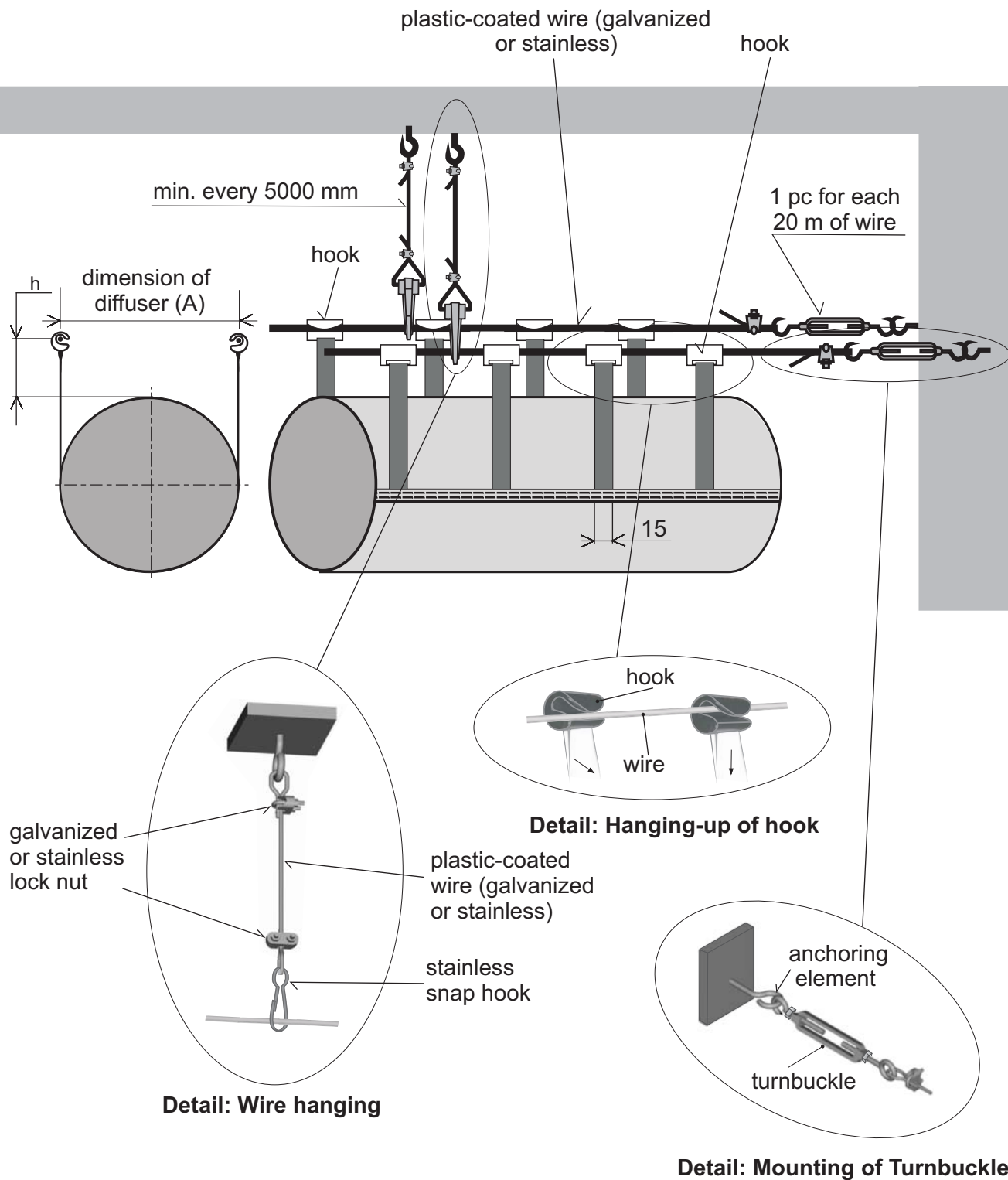
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- 1. Lay-out of fastening points for main wires:** Firstly measure out and mark an exact position of wires for hanging of diffuser on wall or other fastening points. If not specified otherwise on drawing then the wire axis is found 32 mm over upper edge of diffusers (dimension h). The distance between wires is equal to diffuser's dimension (A). Pay attention to the exact position of opposite anchoring points.
- 2. Mounting of anchoring elements:** Mount the anchoring elements to the marked points (see "Detail: Mounting of Turnbuckle"). These elements are not a part of delivery due to variety of used building materials. To anchor the wire a normal hook with ca. 10 mm eyelet dimension will be sufficient. Its loading capacity must be higher than 1000 N.
- 3. Lay-out of fastening points for wire hangings:** Mark the points for vertical hangings on ceiling or other structure above diffuser (see "Detail: Wire hanging"). The wire hangings hold the main wire aligned protecting it against its slacking. The own loading hanger capacity of 500 N will be sufficient, the similar hooks as for wires will be used. If the wire is shorter than 5 m the hangings are not required.
- 4. Installation of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and a level of main wire so that the main wire would stay aligned. Hang the wire hangings on prepared fastening points.
- 5. Installation of turnbuckles:** Hook up the turnbuckles to the anchors for wires. They are installed unscrewed to maximum length in order to allow a future stretching of wire. One turnbuckle must be used for each 20 m of wire as maximum.
- 6. Wire length:** Adjust the wire to the required length as per distance between opposite anchoring points with 1 meter extra. If not ordered otherwise then the supplied wire is by 5 m longer than diffuser. Make eyelets by means of wire locknuts at the ends of wires and hook up them to anchors, usually via turnbuckles. The wires must pass through snap hooks of vertical hangings (see "Detail: Wire hanging").
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- 8. Hanging-up and connection of diffuser parts:** Hang up gradually all parts of diffuser and join them by means of sewed zips. Extend every part for approximately correct length so as to place the hooks in correct position towards hangings. A drawing specifies the correct order of parts. Their numbers are given on washing-instruction tags sewed by zips.
- 9. Tightening of turnbuckles:** After hanging-up of all parts, minimize the sagging of wires by tightening of turnbuckles. Lock the turnbuckles in their correct position by nut.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

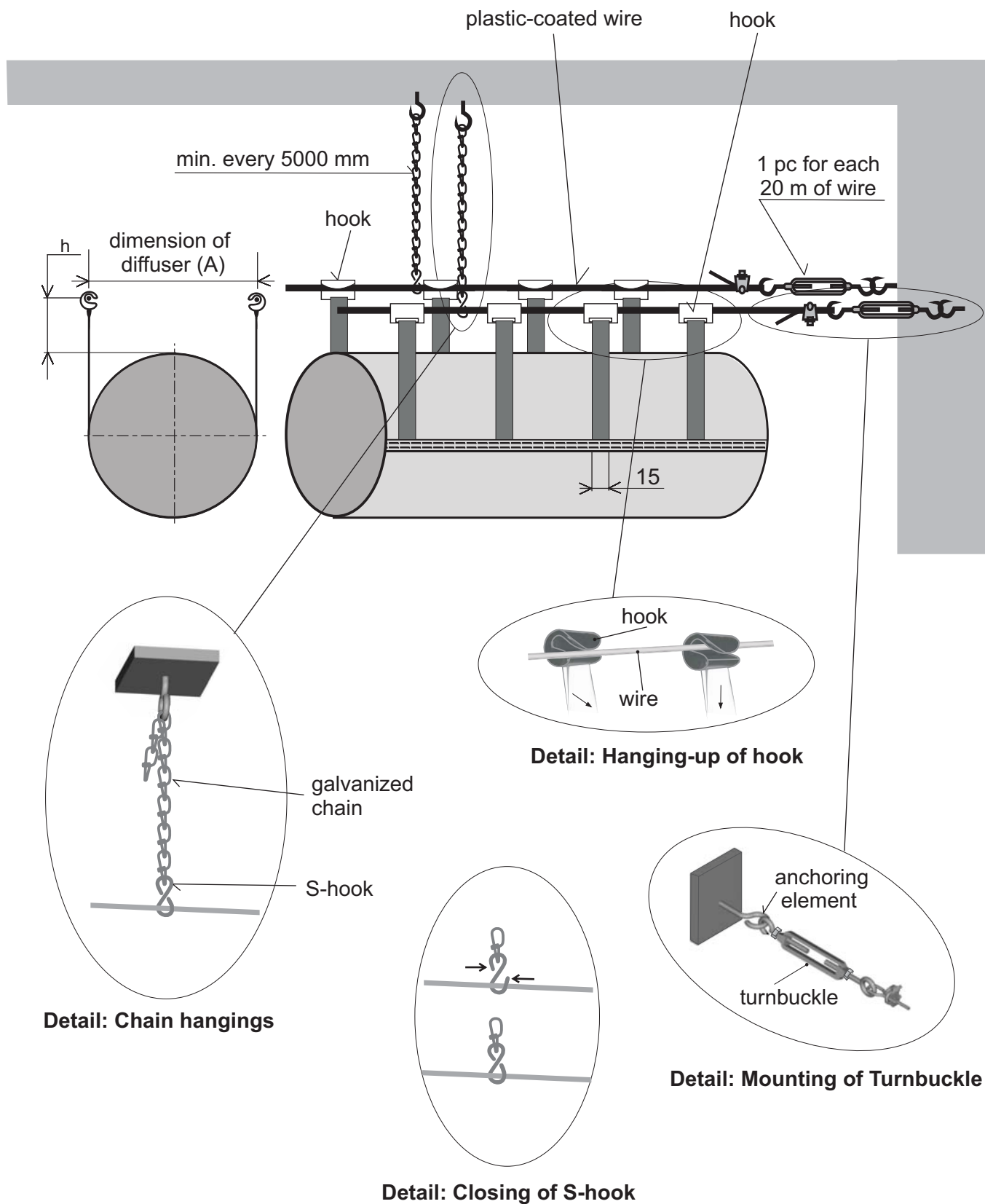
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- 3. Lay-out of fastening points for chain hanging:** Mark the points for vertical hangings on ceiling or other structure above diffuser (see "Detail: Chain hanging"). The wire hangings hold the main wire aligned protecting it against its slacking. The own loading hanger capacity of 500 N will be sufficient, the similar hooks as for wires will be used. If the wire is shorter than 5 m the hangings are not required.
- 4. Installation of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and a level of main wire so that the main wire would stay aligned. Hang the wire hangings on prepared fastening points.
- 5. Installation of turnbuckles:** Hook up the turnbuckles to the anchors for wires. They are installed unscrewed to maximum length in order to allow a future stretching of wire. One turnbuckle must be used for each 20 m of wire as maximum.
- 6. Installation of chain hangers:** S-hook at the end of chain hook to tightened wire and hang a proper link of chain on prepared fastening points so that the cable is not slack. It is necessary to keep the same length of chain hangers for straightness of the cable. The length of chain hanger is easily adjustable by hanging for another link of chain. When all chain hangers are suspended, close S-hooks by wire pliers as per "Detail: Closing of S-hook".
- 7. Connection of textile diffuser:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately. If the diffuser does not contain such front end, first hang on the part No. 1 to prepared wire (by gradual snapping shut of hooks, see "Detail: Hanging-up of hook") and only then mount this part to the air inlet.
- 8. Hanging-up and connection of diffuser parts:** Hang up gradually all parts of diffuser and join them by means of sewed zips. Extend every part for approximately correct length so as to place the hooks in correct position towards hangings. A drawing specifies the correct order of parts. Their numbers are given on washing-instruction tags sewed by zips.
- 9. Tightening of turnbuckles:** After hanging-up of all parts, minimize the sagging of wires by tightening of turnbuckles. Lock the turnbuckles in their correct position by nut.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

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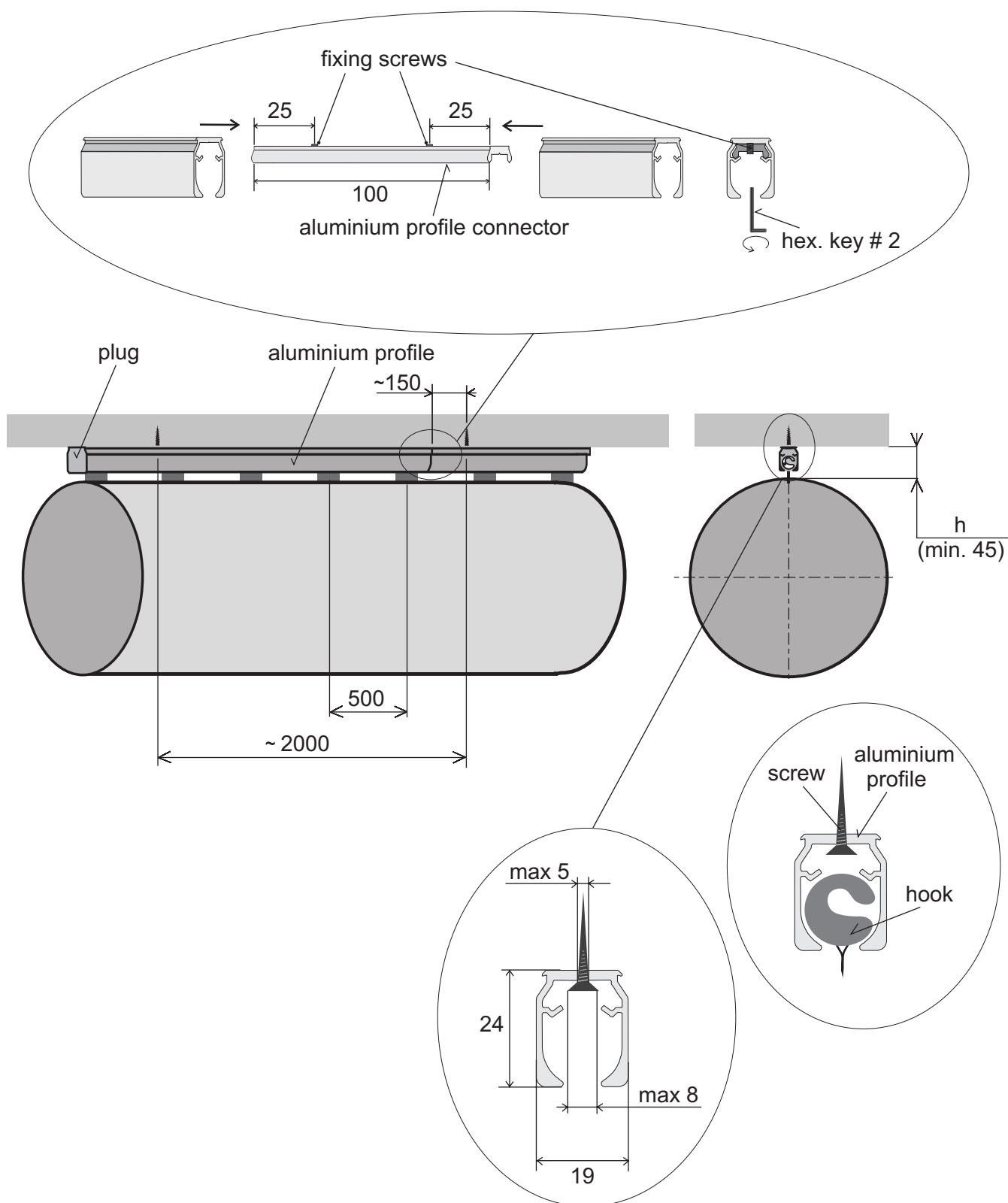
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Detail: Joining of profiles



Detail: Mounting of aluminium profile

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- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account. With normal 2 m length of one part of profile one hole will be sufficient for each part with two holes for the last part. Any of holes must not be closer to the profile end than 80 mm! Otherwise it would be possible to slide into the connector of parts.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of aluminium profile". The aluminium profiles require to be mounted every 2 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is 1.000 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles exactly in line with predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
- 4. Mounting of profiles into the structure and their joining:** Mount the first profile to the structure (ceiling). Slide then the connector into it as per "Detail: Joining of profiles" and tighten a fixing screw. Slide the second profile on connector and tighten the second fixing screw. Mount then the second profile to the structure and proceed with this procedure up to consuming of all parts.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

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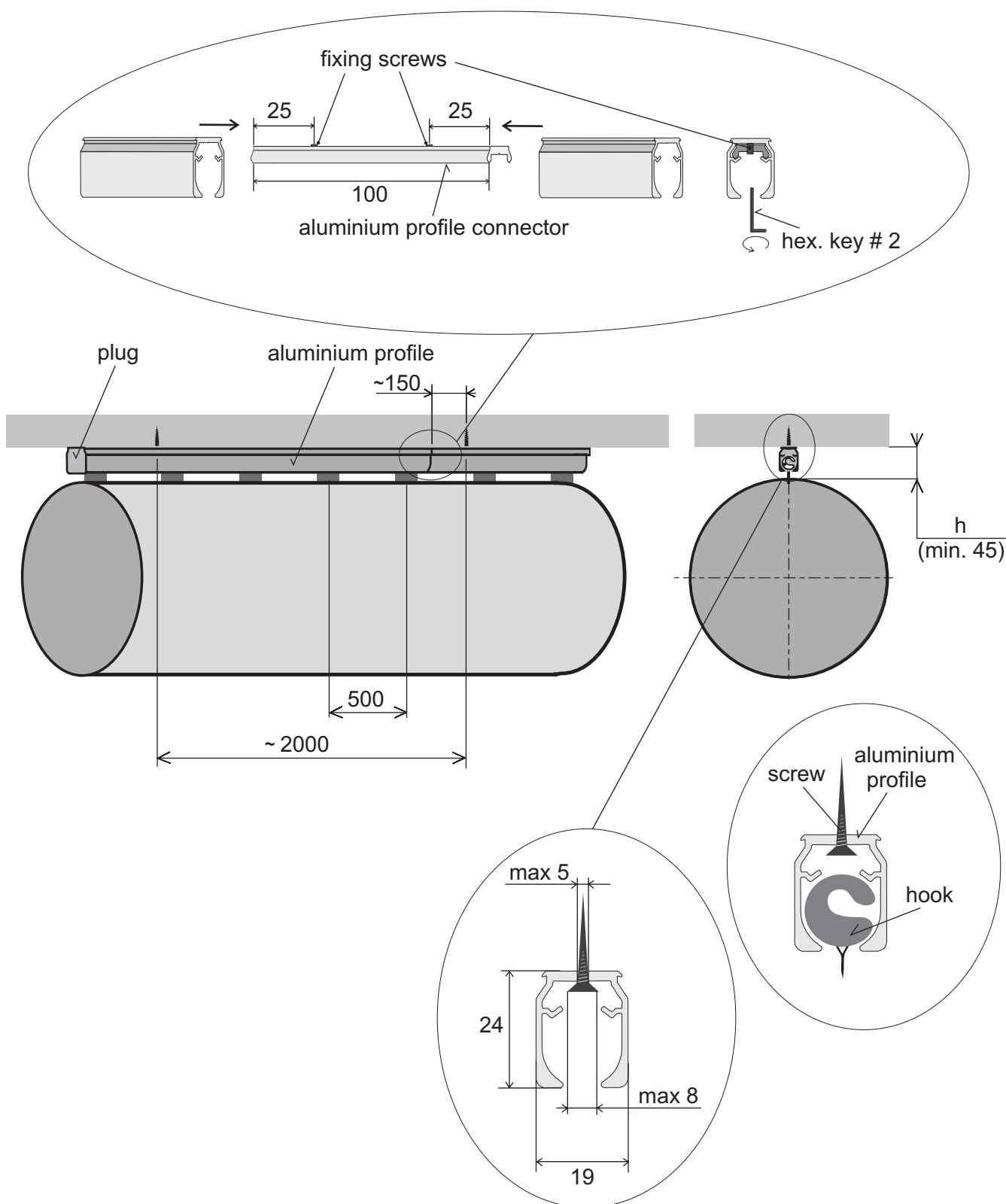
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Detail: Joining of profiles



Detail: Mounting of aluminium profile

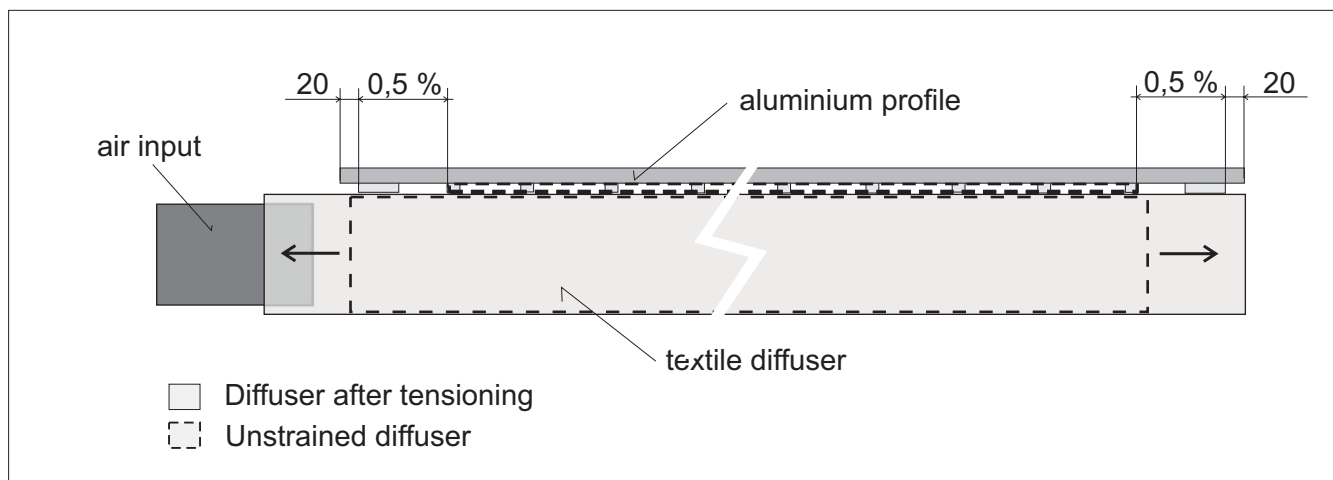
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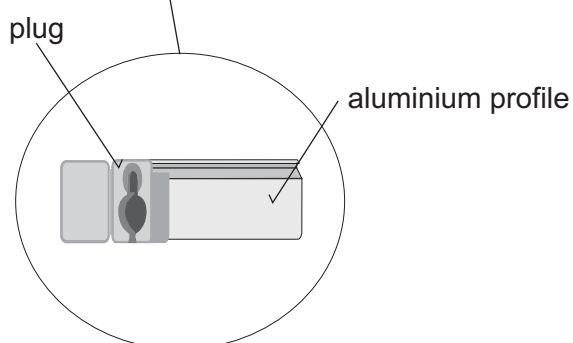
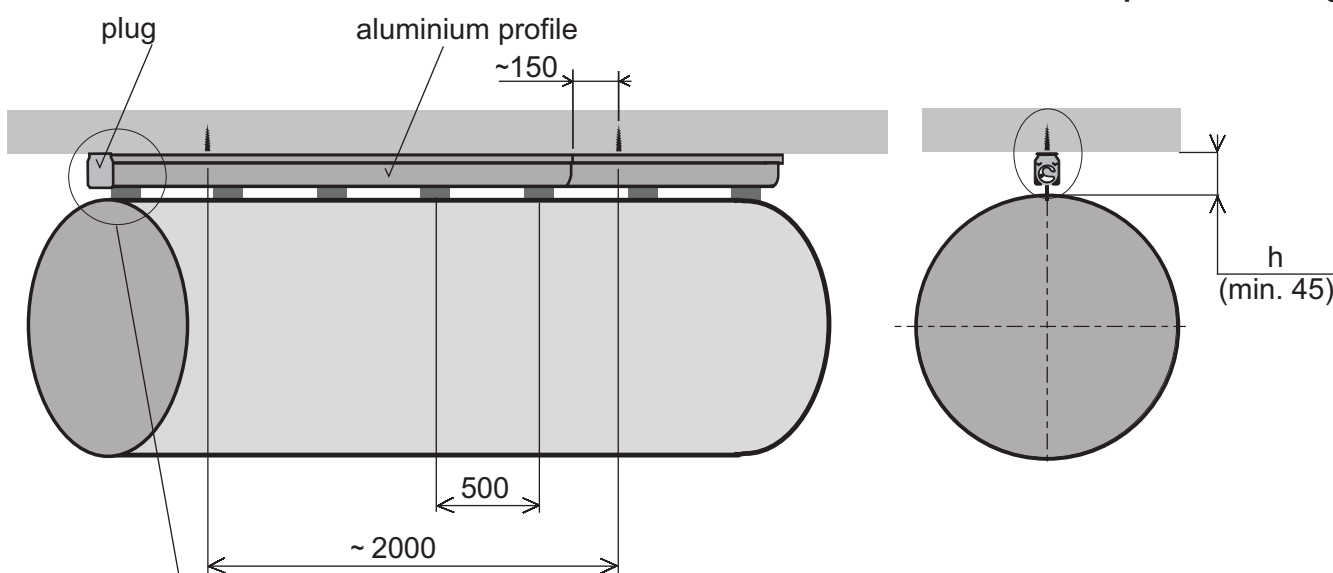
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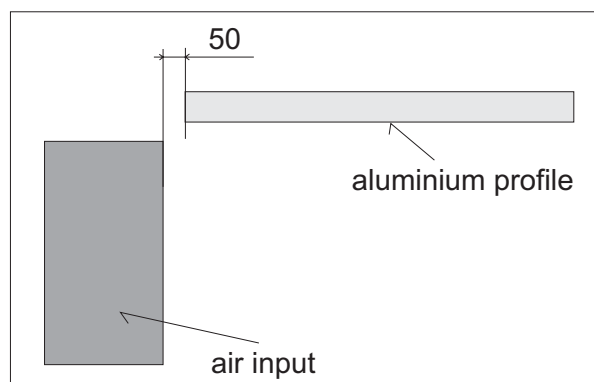
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Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

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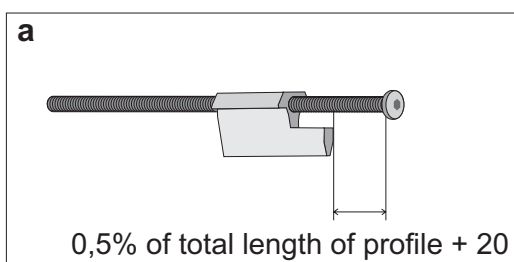
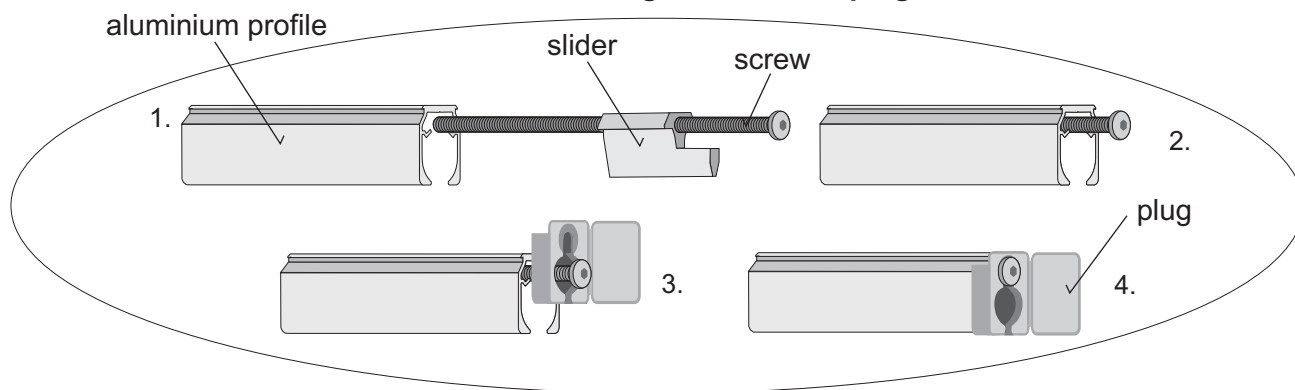
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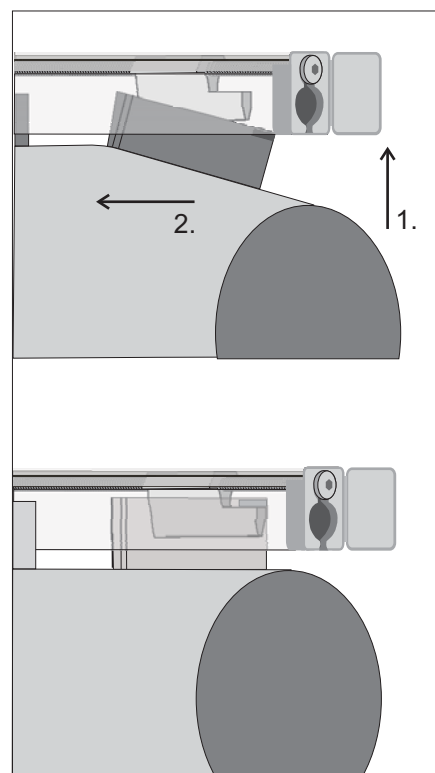
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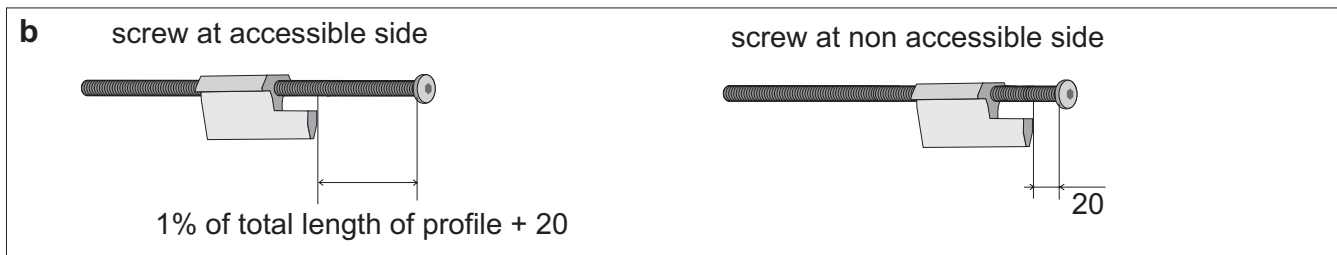
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

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- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account. With normal 2 m length of one part of profile one hole will be sufficient for each part with two holes for the last part. Any of holes must not be closer to the profile end than 80 mm! Otherwise it would be possible to slide into the connector of parts.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles exactly in line with predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
- 4. Mounting of profiles into the structure and their joining:** Mount the first profile to the structure (ceiling). Slide then the connector into it as per "Detail: Joining of profiles" and tighten a fixing screw. Slide the second profile on connector and tighten the second fixing screw. Mount then the second profile to the structure and proceed with this procedure up to consuming of all parts.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a"., insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").
Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

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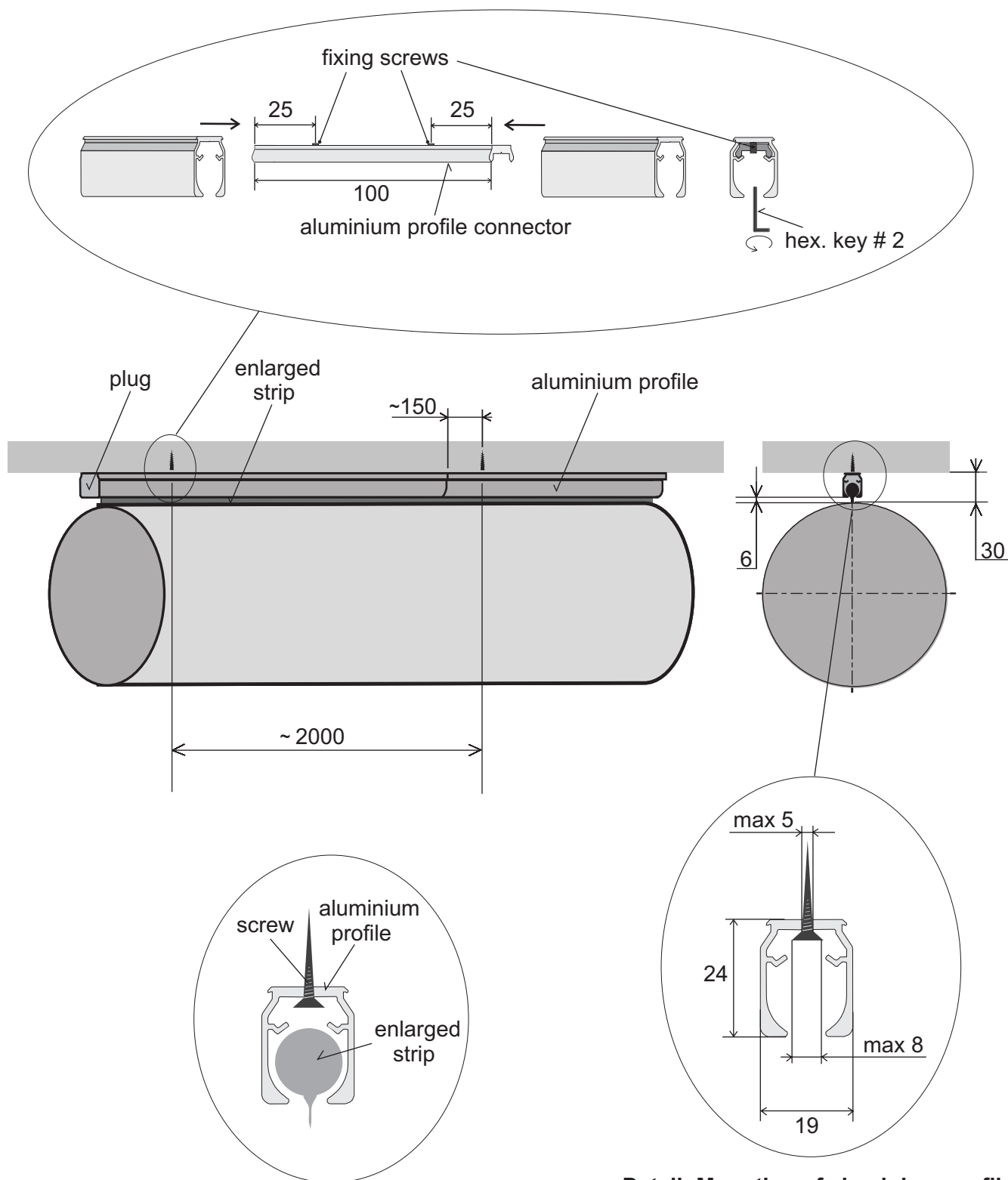
3. INSTALLATION

3A

SECTION C

3. INSTALLATION

Detail: Joining of profiles



Detail: Mounting of aluminium profile

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3A

SECTION C

- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account. With normal 2 m length of one part of profile one hole will be sufficient for each part with two holes for the last part. Any of holes must not be closer to the profile end than 80 mm! Otherwise it would be possible to slide into the connector of parts.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of aluminium profile". The aluminium profiles require to be mounted every 2 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is 500 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles exactly in line with predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
- 4. Mounting of profiles into the structure and their joining:** Mount the first profile to the structure (ceiling). Slide then the connector into it as per "Detail: Joining of profiles" and tighten a fixing screw. Slide the second profile on connector and tighten the second fixing screw. Mount then the second profile to the structure and proceed with this procedure up to consuming of all parts.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

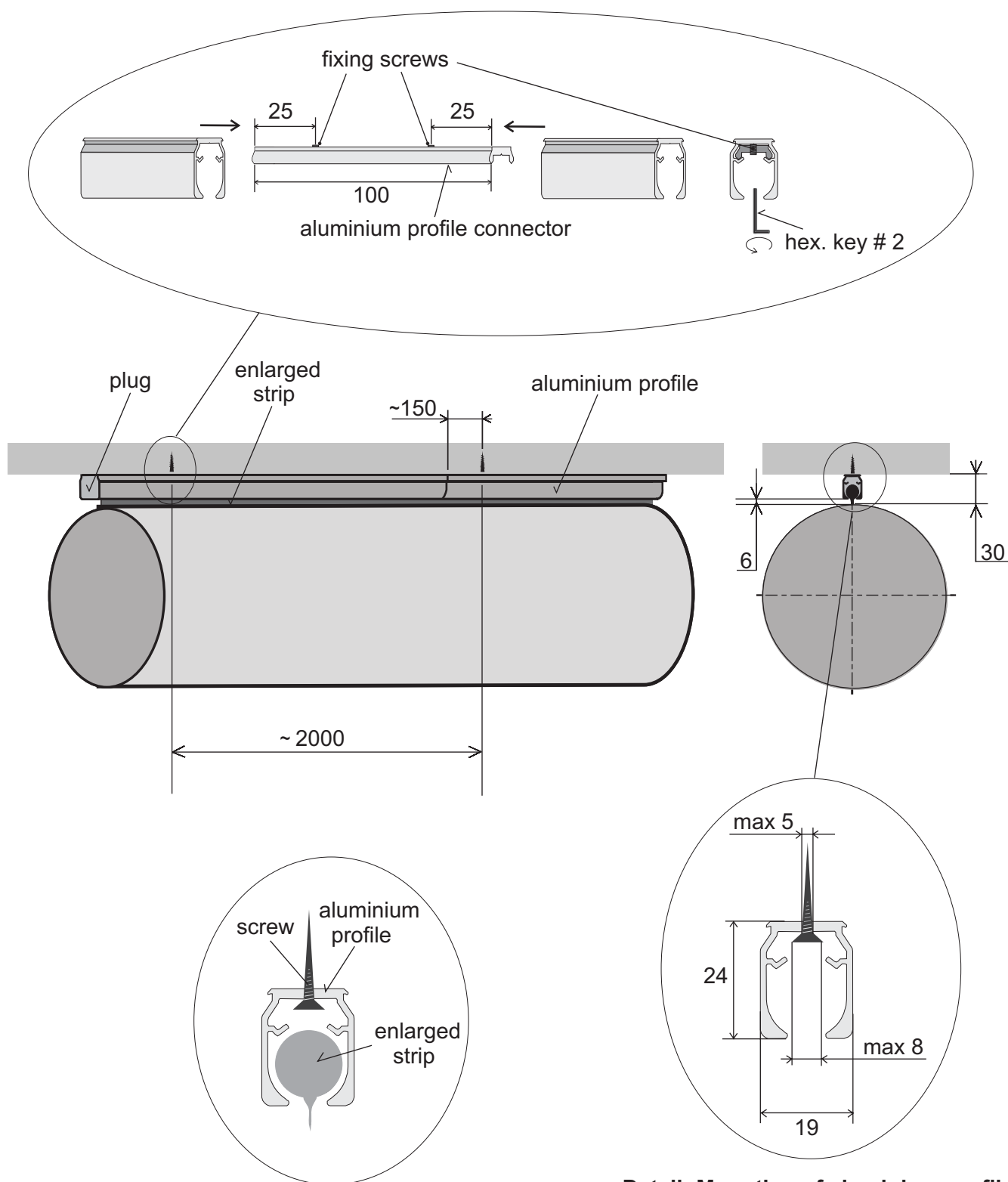
3. INSTALLATION

3AL

SECTION **C**

3. INSTALLATION

Detail: Joining of profiles



Detail: Mounting of aluminium profile

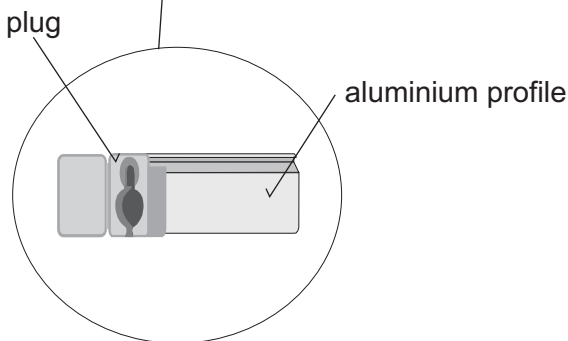
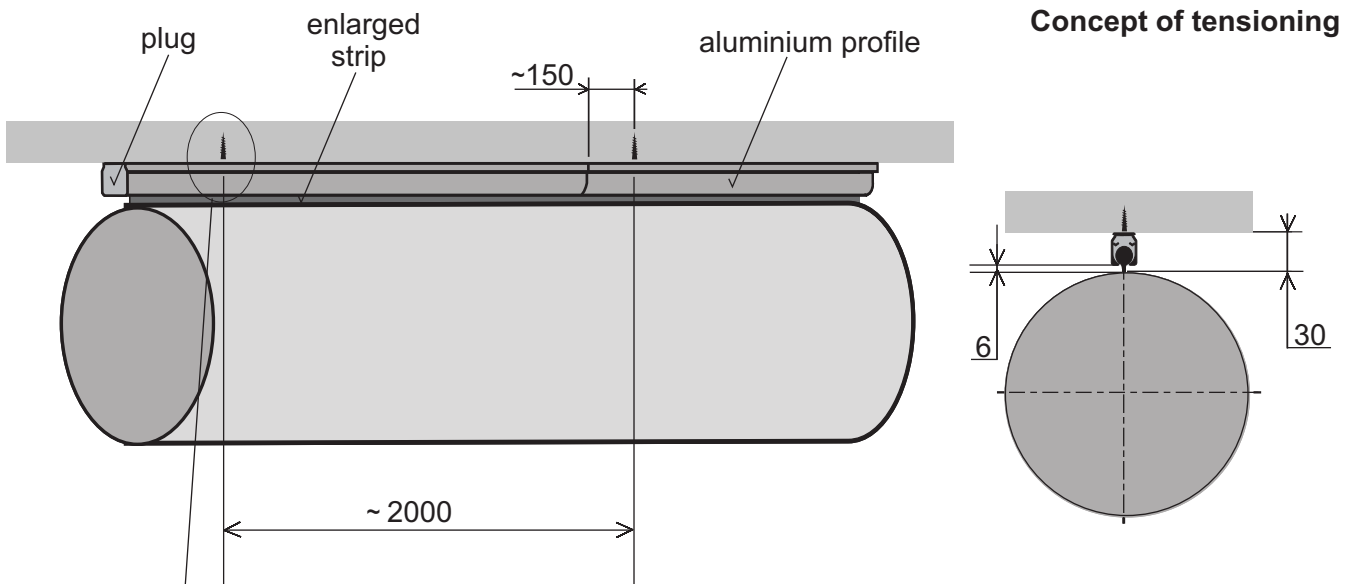
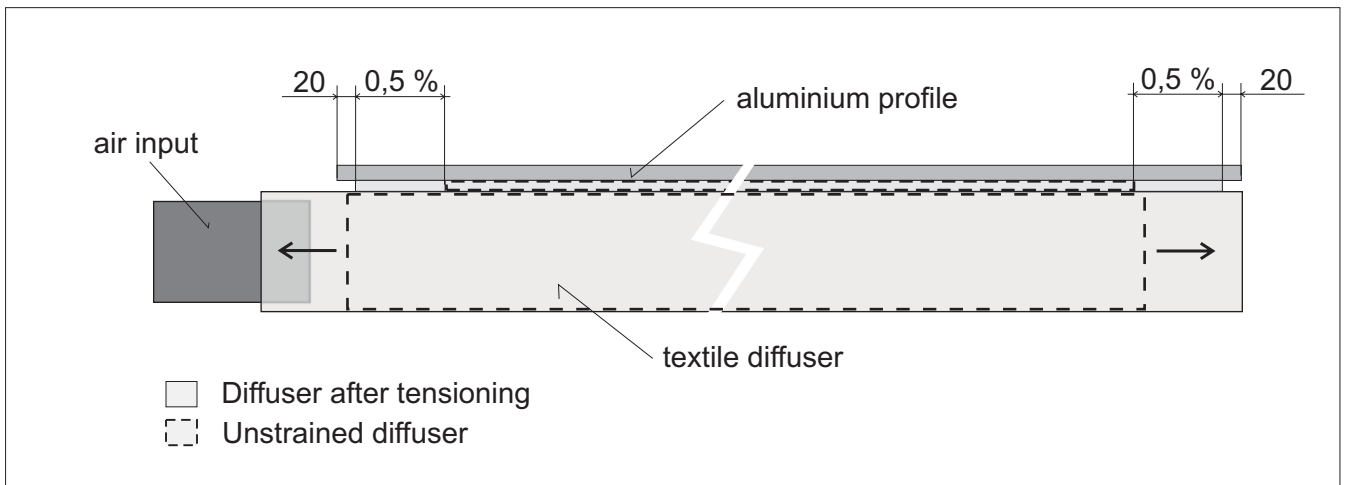
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

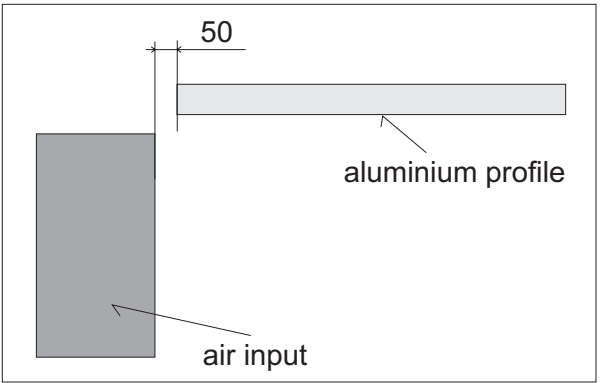
3AL

SECTION C

3. INSTALLATION



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

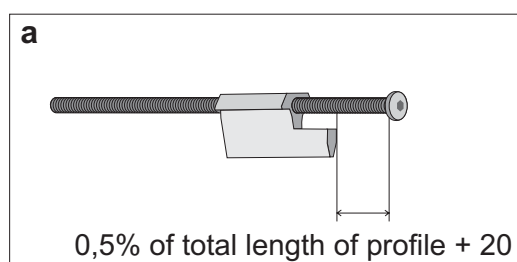
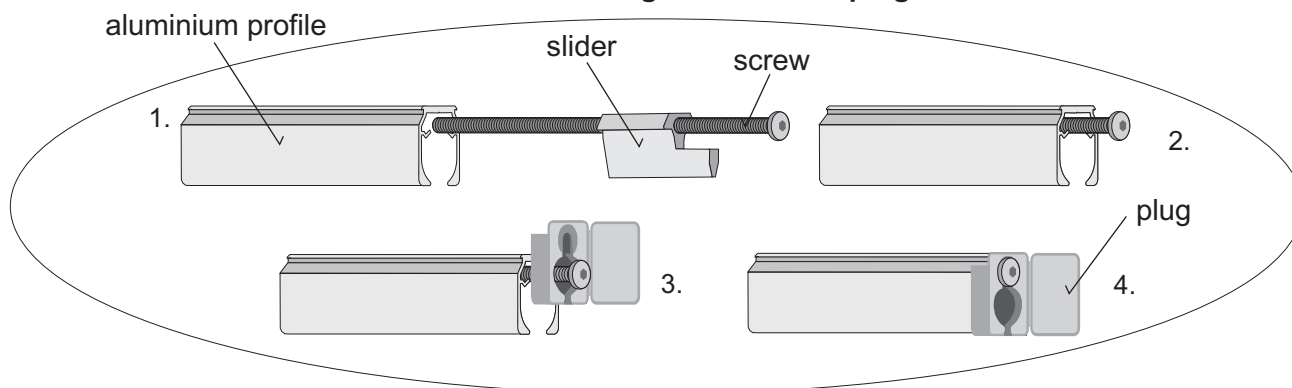
3. INSTALLATION

3AL

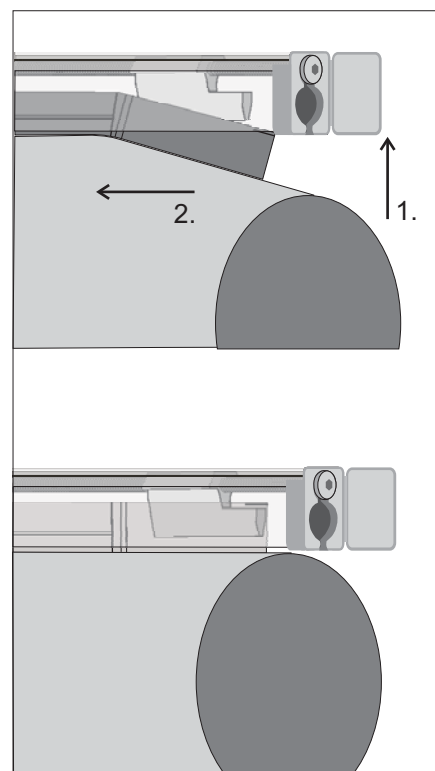
SECTION **C**

3. INSTALLATION

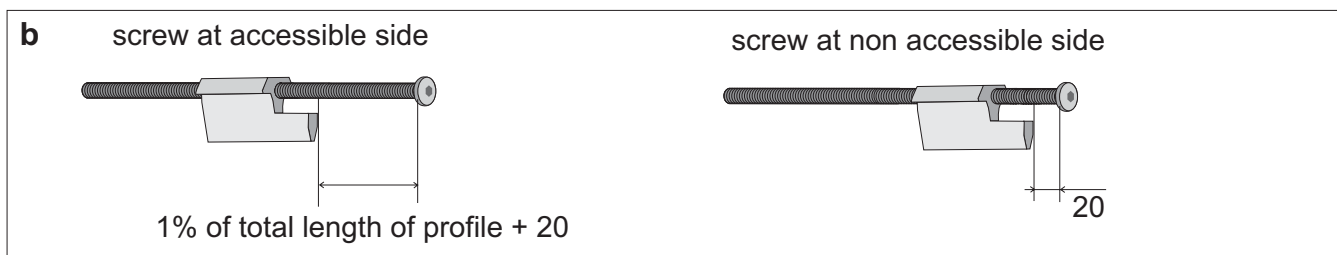
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3AL

SECTION C

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account. With normal 2 m length of one part of profile one hole will be sufficient for each part with two holes for the last part. Any of holes must not be closer to the profile end than 80 mm! Otherwise it would be possible to slide into the connector of parts.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles exactly in line with predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
- 4. Mounting of profiles into the structure and their joining:** Mount the first profile to the structure (ceiling). Slide then the connector into it as per "Detail: Joining of profiles" and tighten a fixing screw. Slide the second profile on connector and tighten the second fixing screw. Mount then the second profile to the structure and proceed with this procedure up to consuming of all parts.
- 5. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 6. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

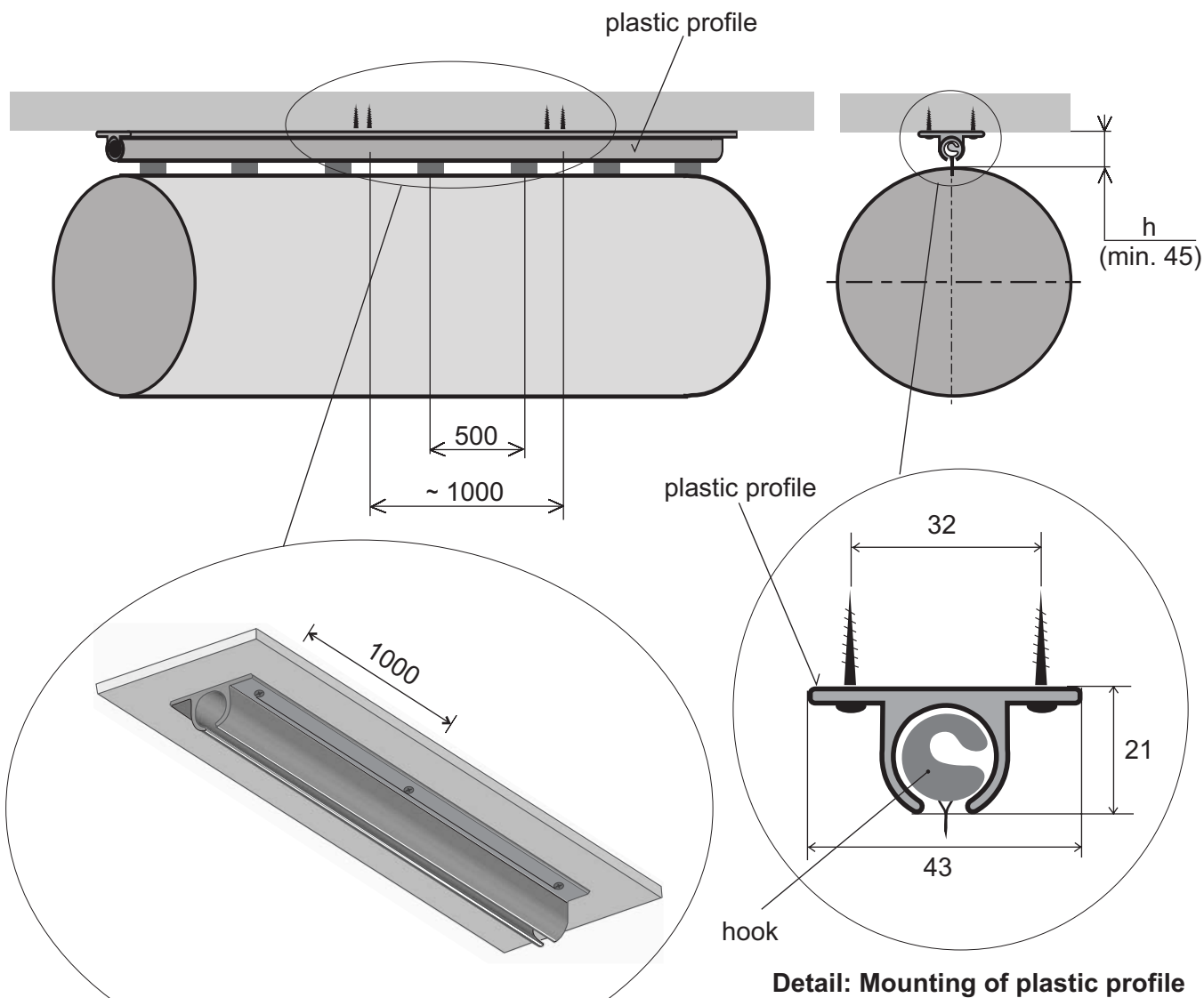
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

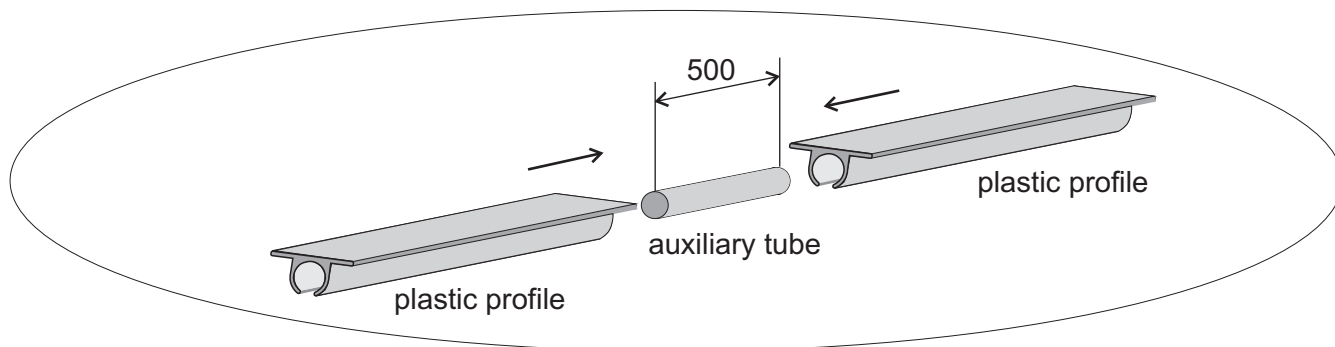
3B

SECTION C

3. INSTALLATION



Detail: Plastic profile



Detail: Connection of plastic profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3B

SECTION C

- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of plastic profile". The plastic profiles require to be mounted every 1 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is at least 500 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles exactly in line with predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
- 4. Mounting of profiles into the structure:** Mount the separate parts of plastic profiles in tandem into the structure (ceiling). When connecting the profiles use an auxiliary tube, which is attached, see "Detail: Connection of plastic profiles". Mount the first profile to the structure and fit on the auxiliary tube halfway of its length. Fit the second profile on tube and screw to the structure. Move the auxiliary tube to profile end, fit on the next profile and screw it to the structure. Proceed on to the moment since all profiles are mounted. Before mounting of last profile check out, if there is enough space for the removal of auxiliary tube. If not mount the last profile without it.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 7. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

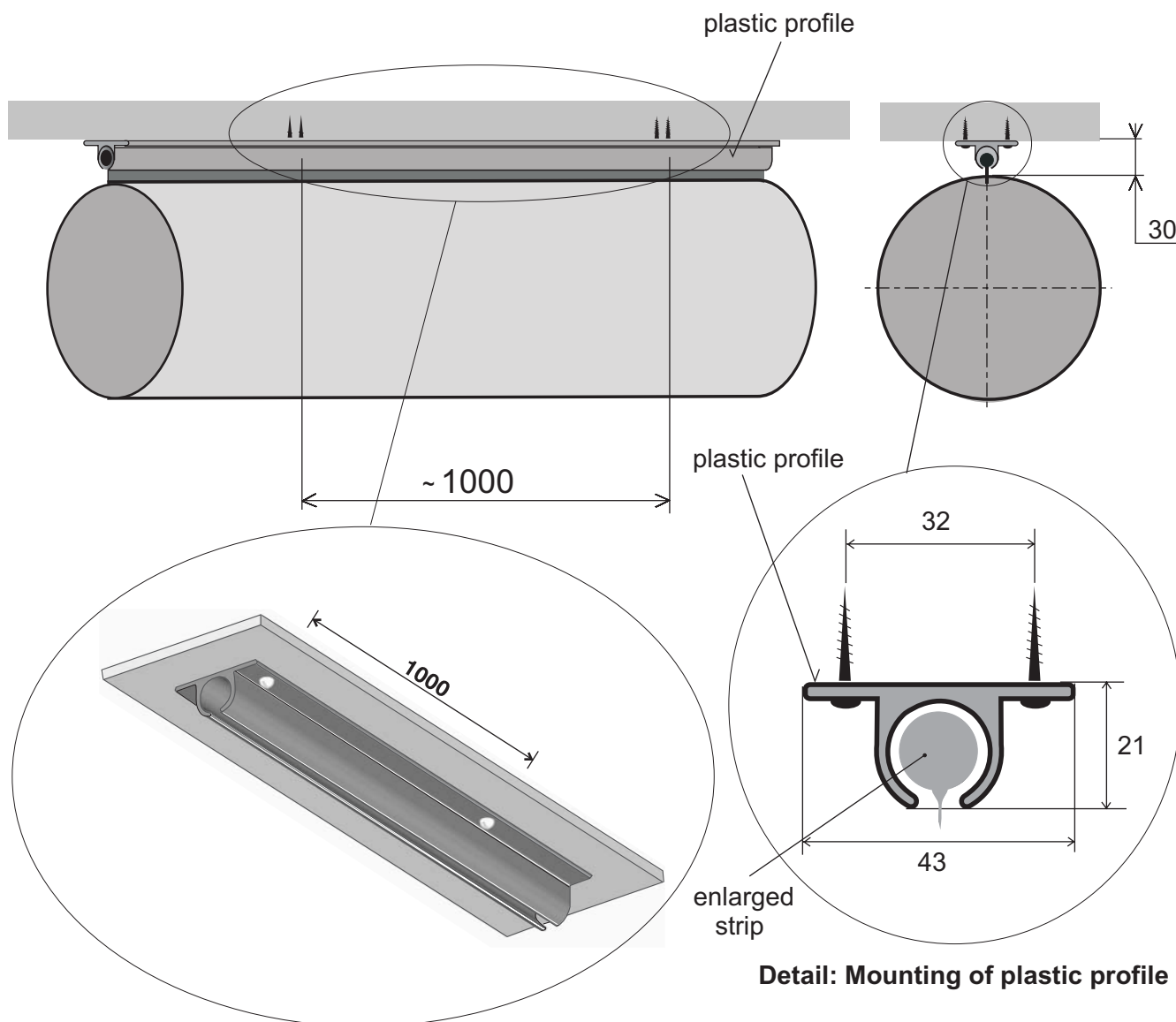
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

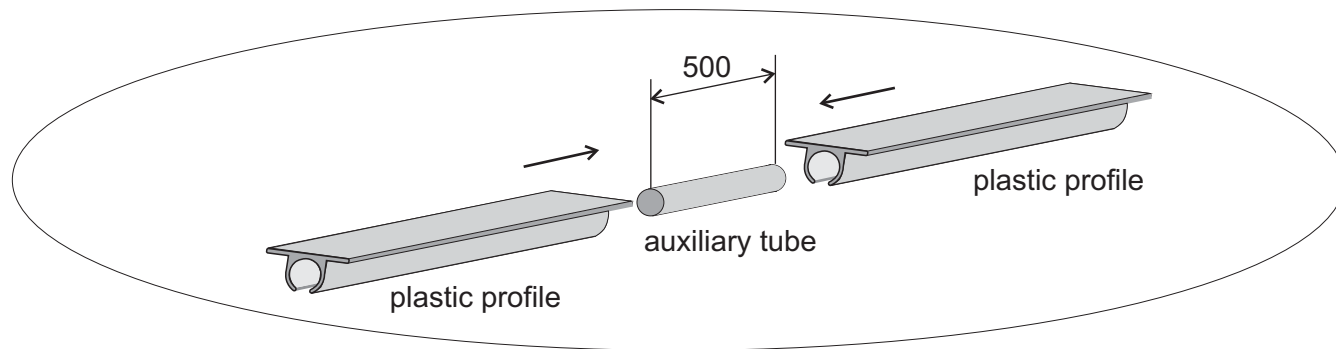
3AB

SECTION **C**

3. INSTALLATION



Detail: Plastic profile



Detail: Connection of plastic profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3AB

SECTION C

- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of plastic profile". The plastic profiles require to be mounted every 1 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is at least 500 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles exactly in line with predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
- 4. Mounting of profiles into the structure:** Mount the separate parts of plastic profiles in tandem into the structure (ceiling). When connecting the profiles use an auxiliary tube, which is attached, see "Detail: Connection of plastic profiles". Mount the first profile to the structure and fit on the auxiliary tube halfway of its length. Fit the second profile on tube and screw to the structure. Move the auxiliary tube to profile end, fit on the next profile and screw it to the structure. Proceed on to the moment since all profiles are mounted. Before mounting of last profile check out, if there is enough space for the removal of auxiliary tube. If not mount the last profile without it.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 7. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

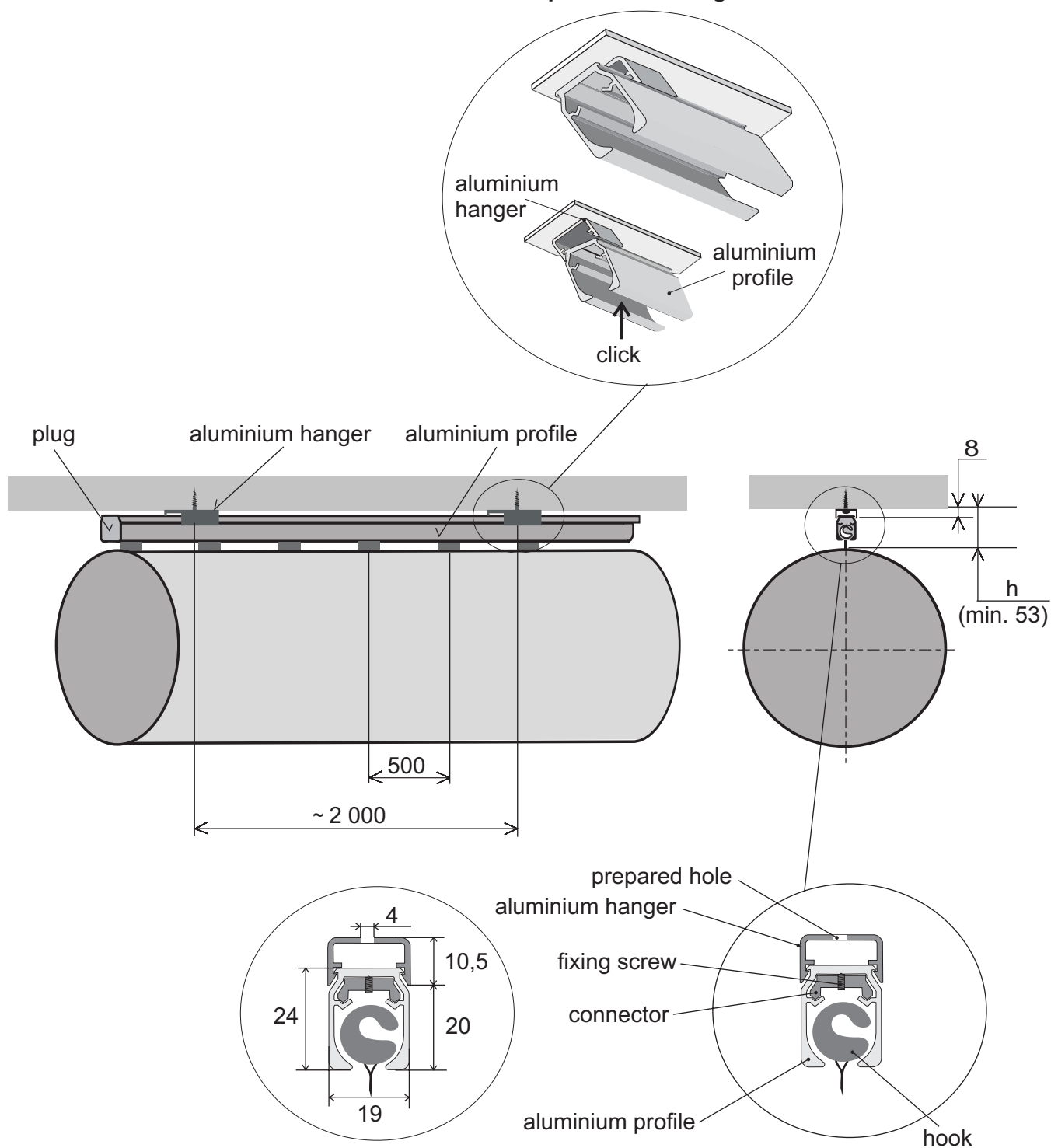
3. INSTALLATION

3C

SECTION C

3. INSTALLATION

Detail: Mounting of aluminium profile into hangers



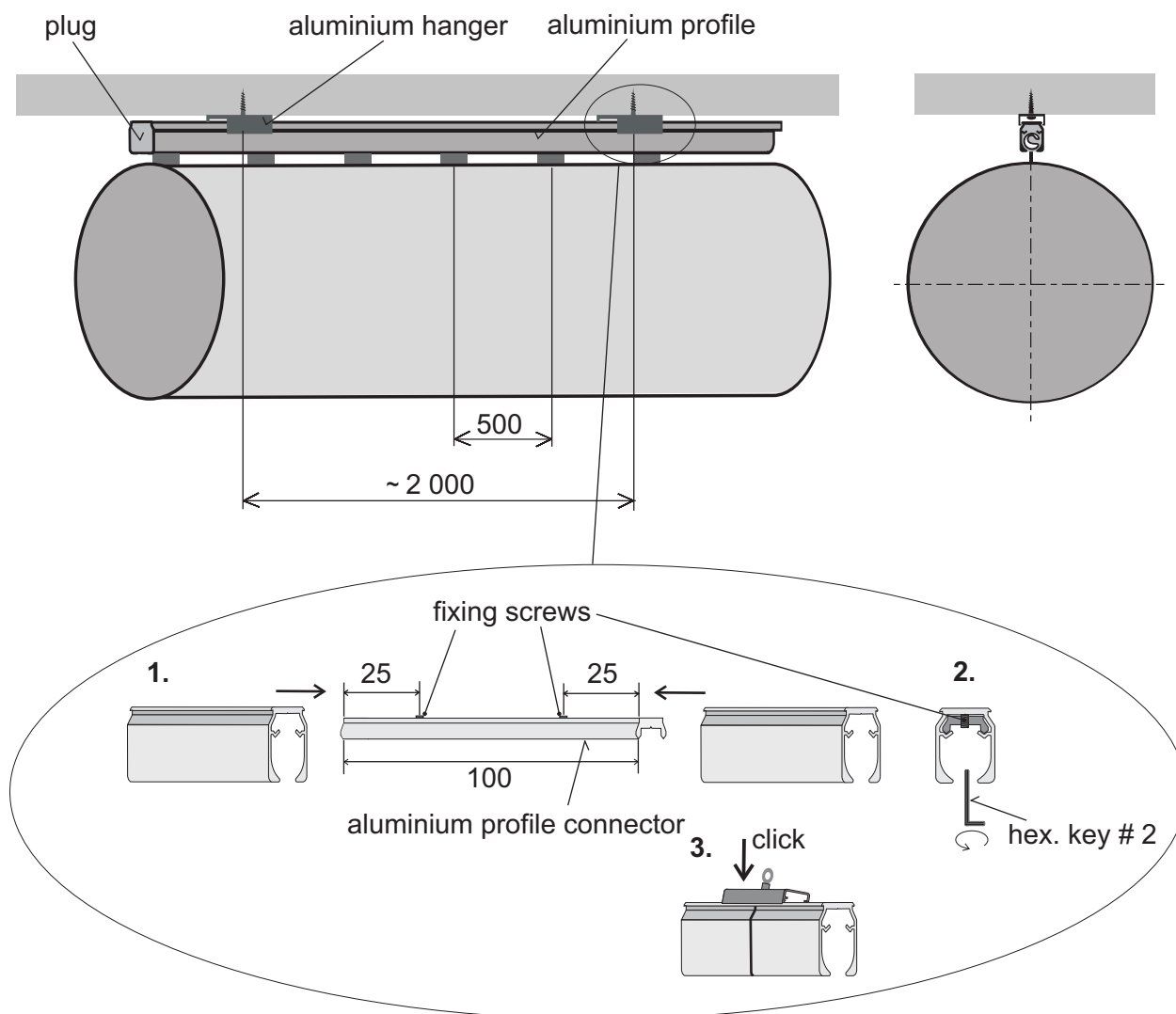
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3C

SECTION C

3. INSTALLATION



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3C

SECTION C

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The aluminium profiles require to be mounted every 2 m. There must be always the hanger at the both edges of whole profile.
- 3. Mounting of aluminium hangers to the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its second end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

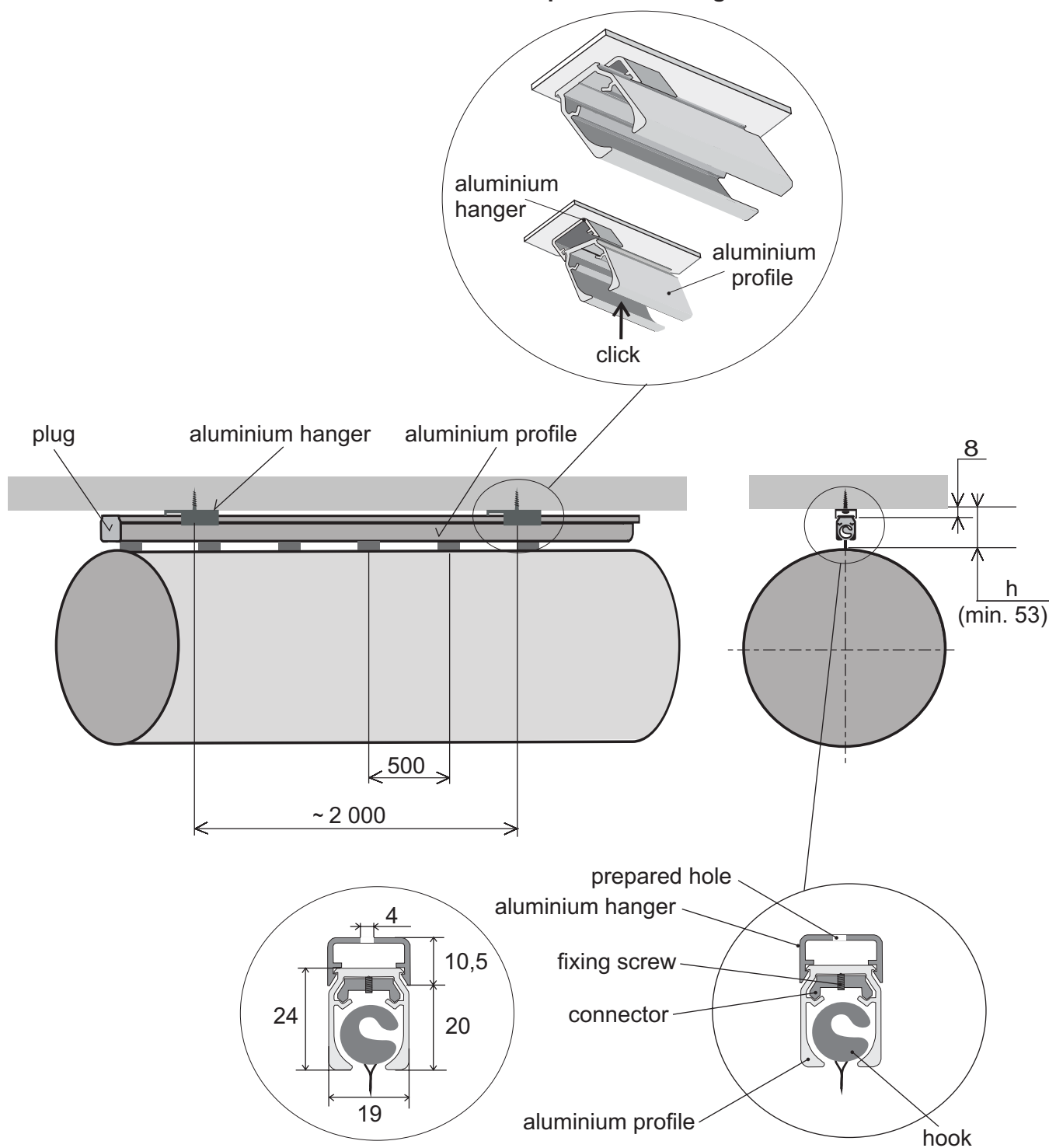
3. INSTALLATION

3CL

SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profile into hangers



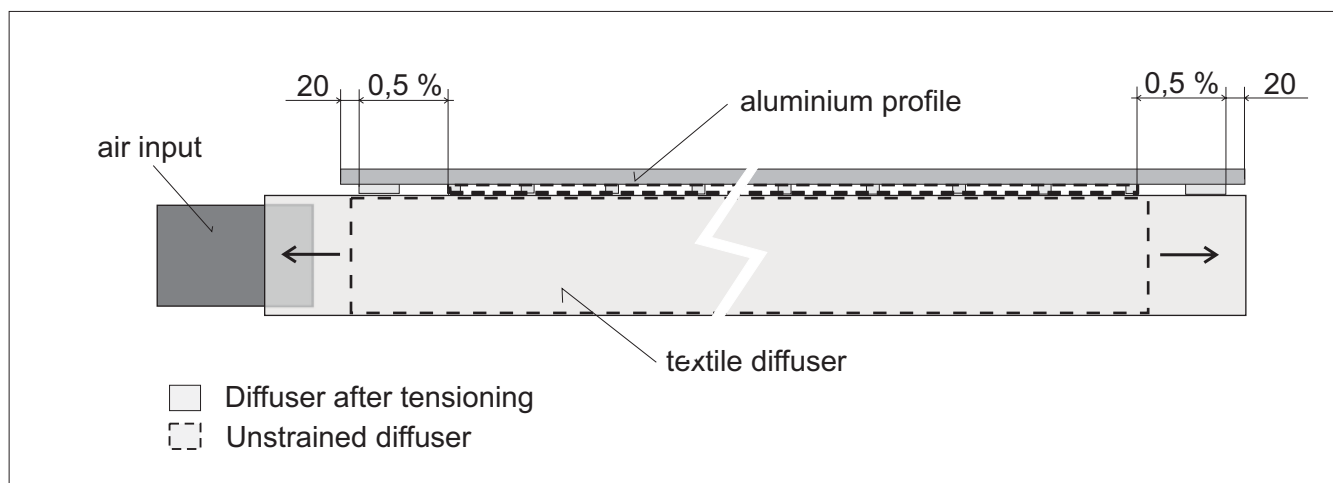
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

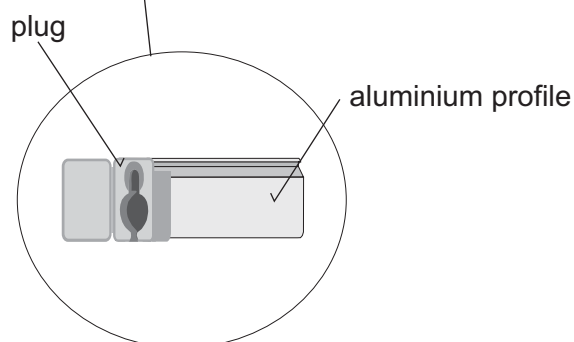
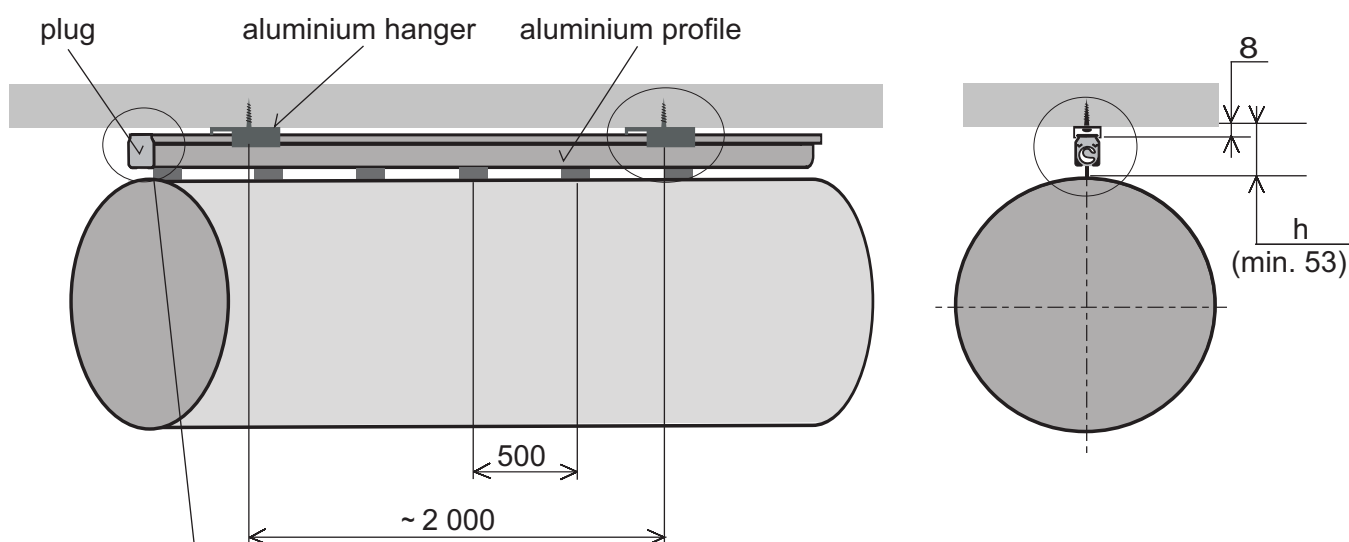
3CL

SECTION **C**

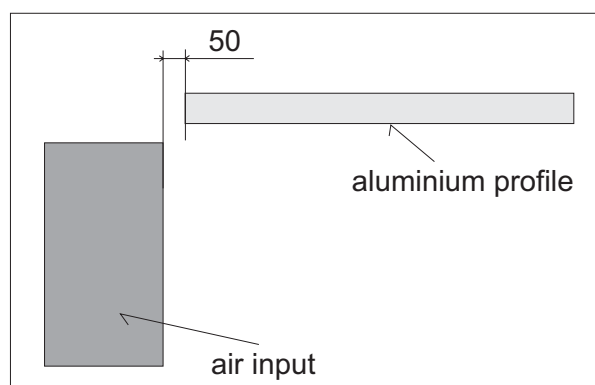
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

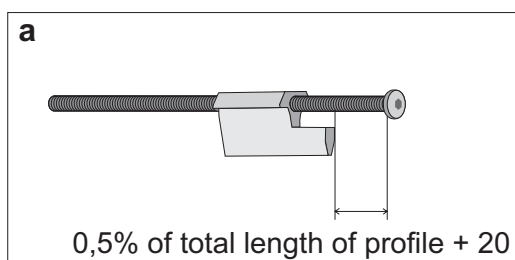
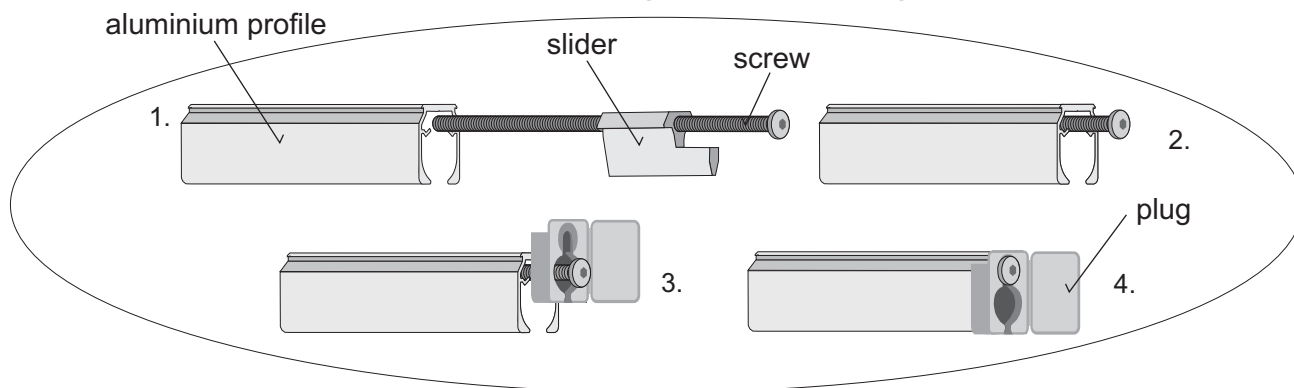
3. INSTALLATION

3CL

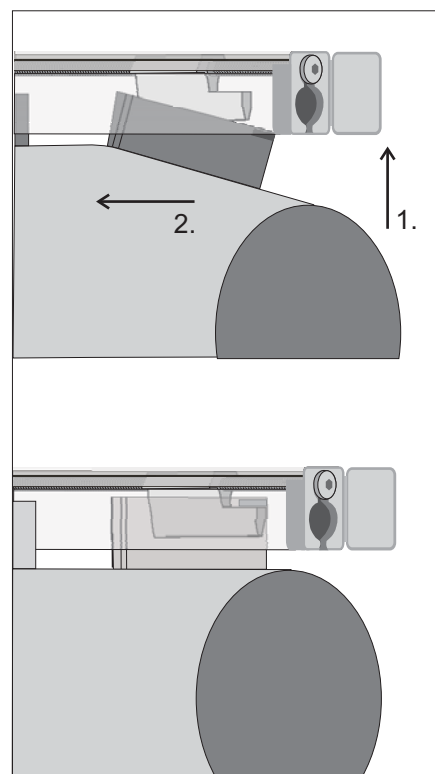
SECTION **C**

3. INSTALLATION

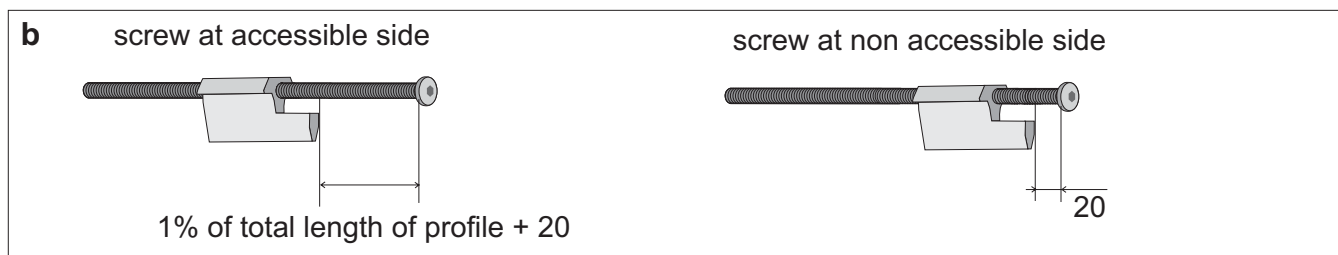
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3CL

SECTION C

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The aluminium profiles require to be mounted every 2 m. There must be always the hanger at the both edges of whole profile.
- 3. Mounting of aluminium hangers to the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**

Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of of diffusers with slider on screw (see "Details: Fitting pocket with slider").

Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**

Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

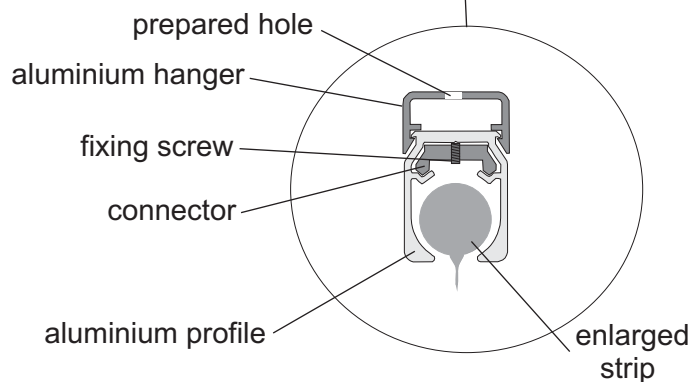
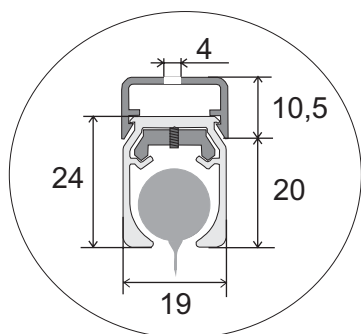
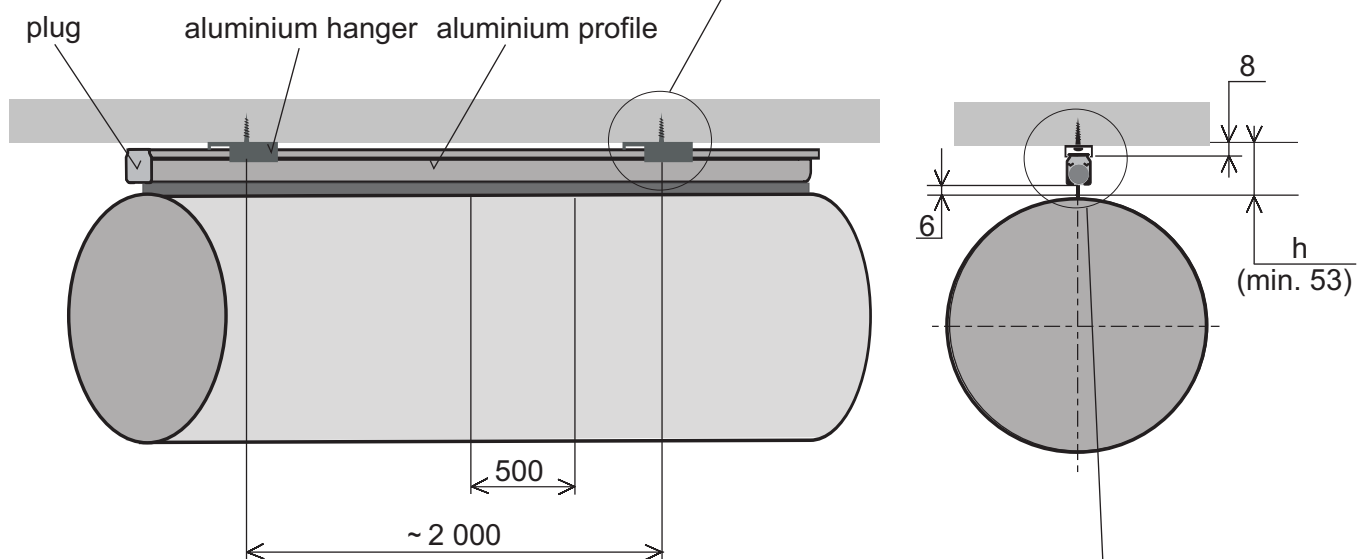
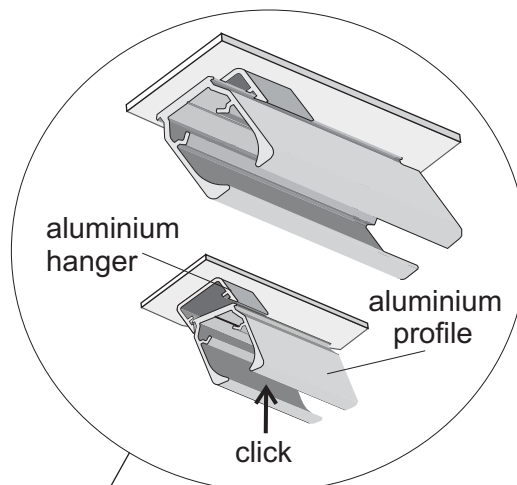
3. INSTALLATION

3AC

SECTION C

3. INSTALLATION

Detail: Mounting of aluminium profile into hangers



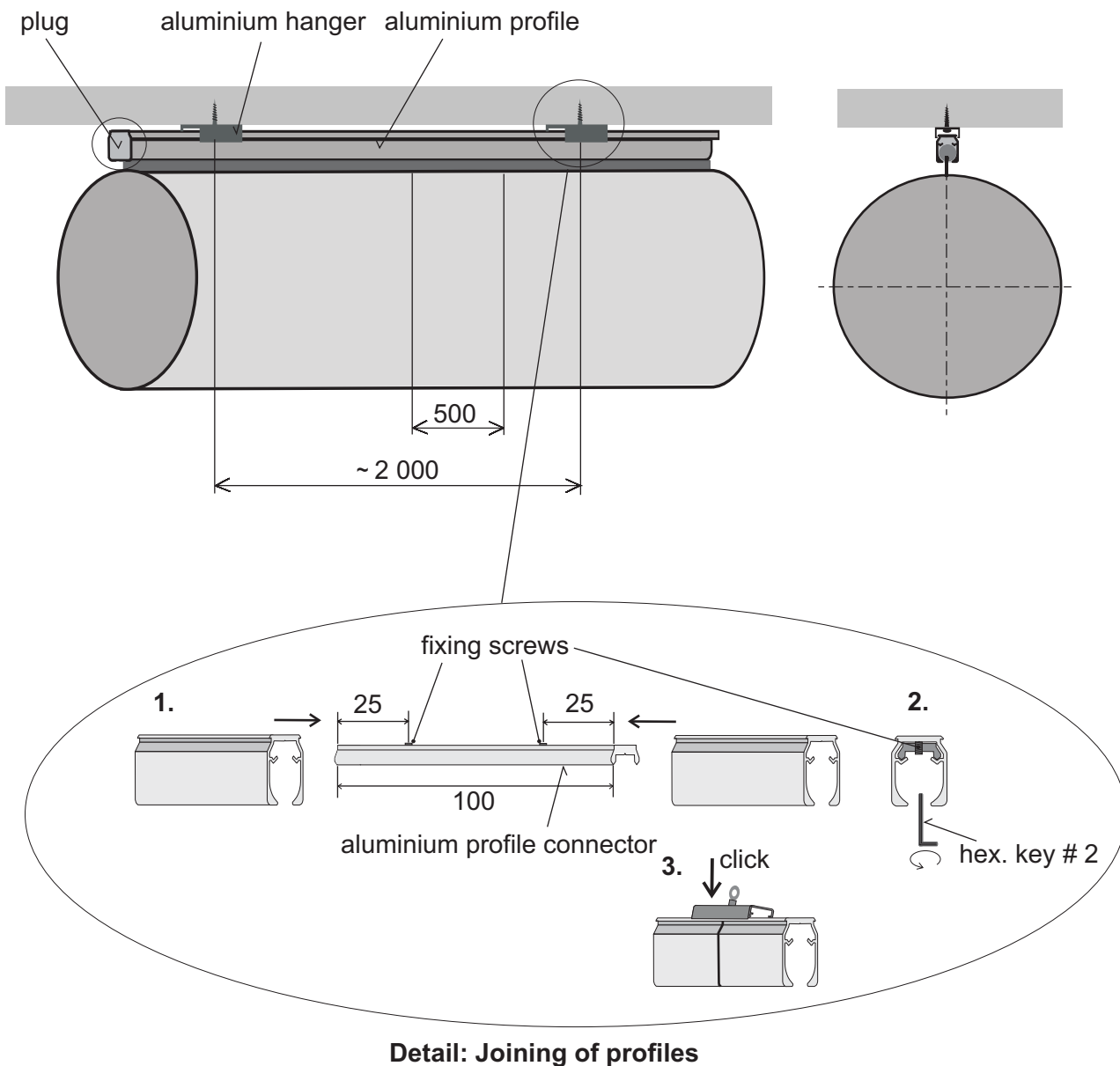
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3AC

SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3AC

SECTION C

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The aluminium profiles require to be mounted every 2 m. There must be always the hanger at the both edges of whole profile.
- 3. Mounting of aluminium hangers to the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its second end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

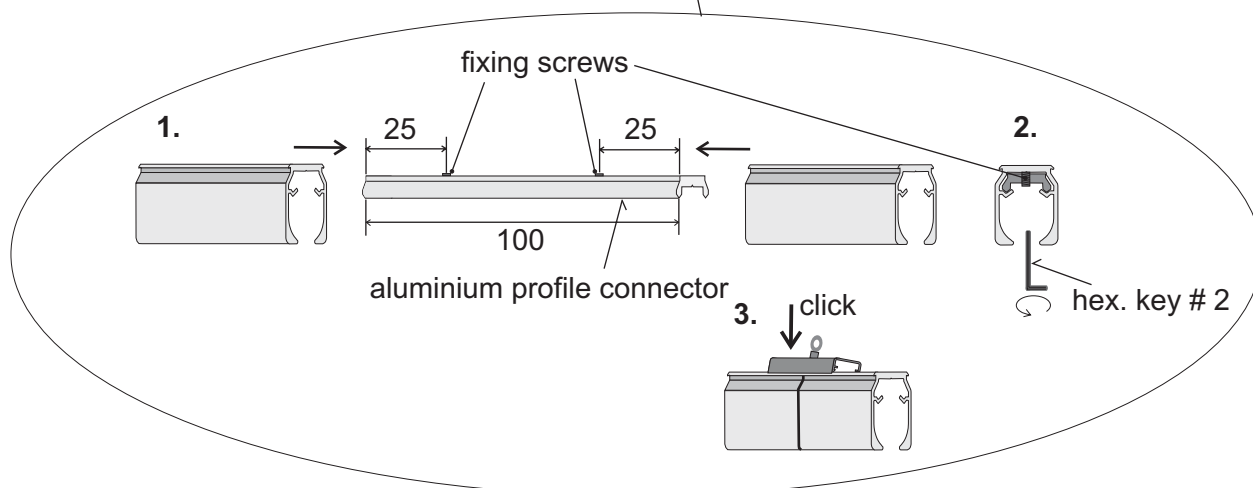
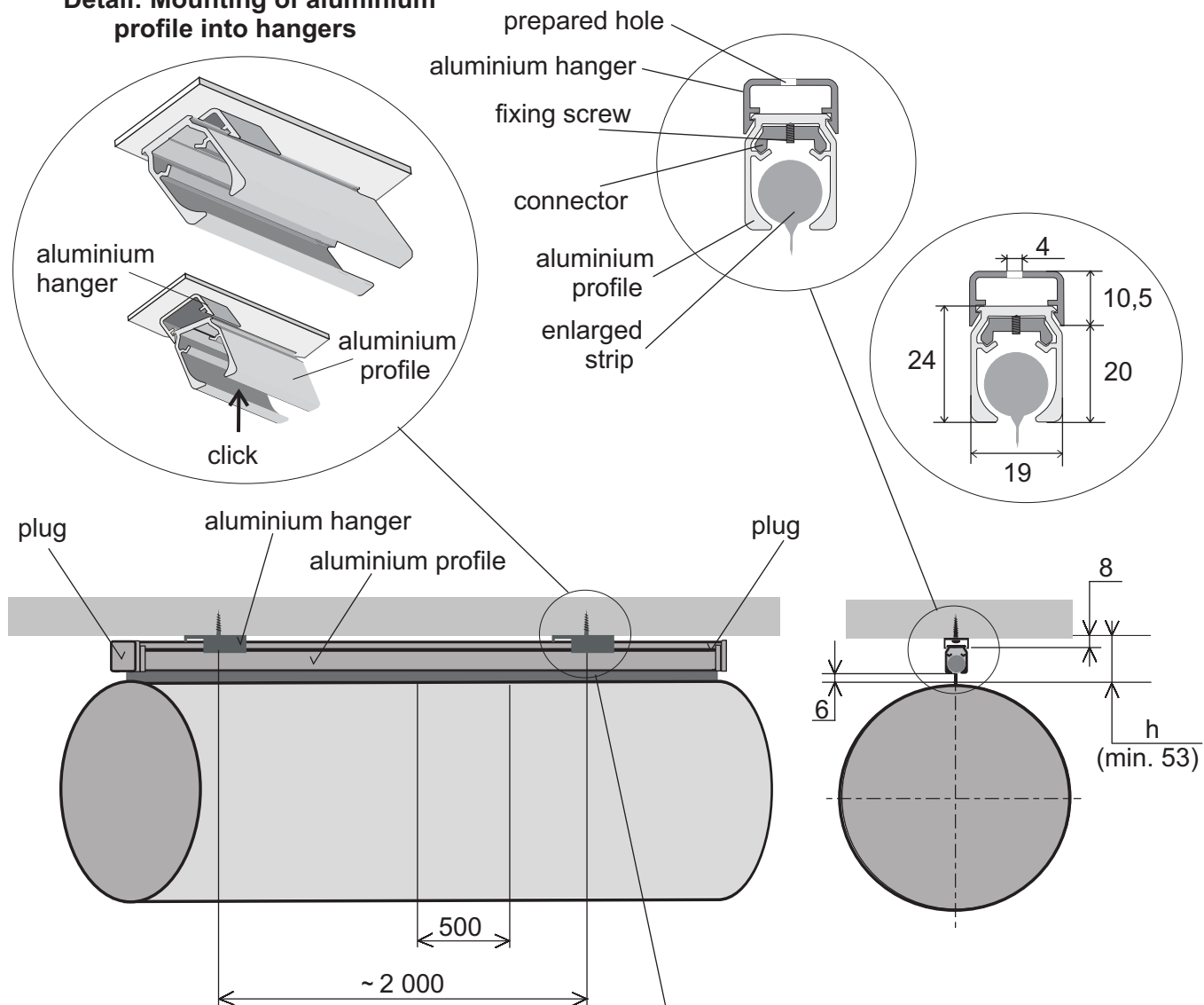
3. INSTALLATION

3ACL

SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profile into hangers



Detail: Joining of profiles

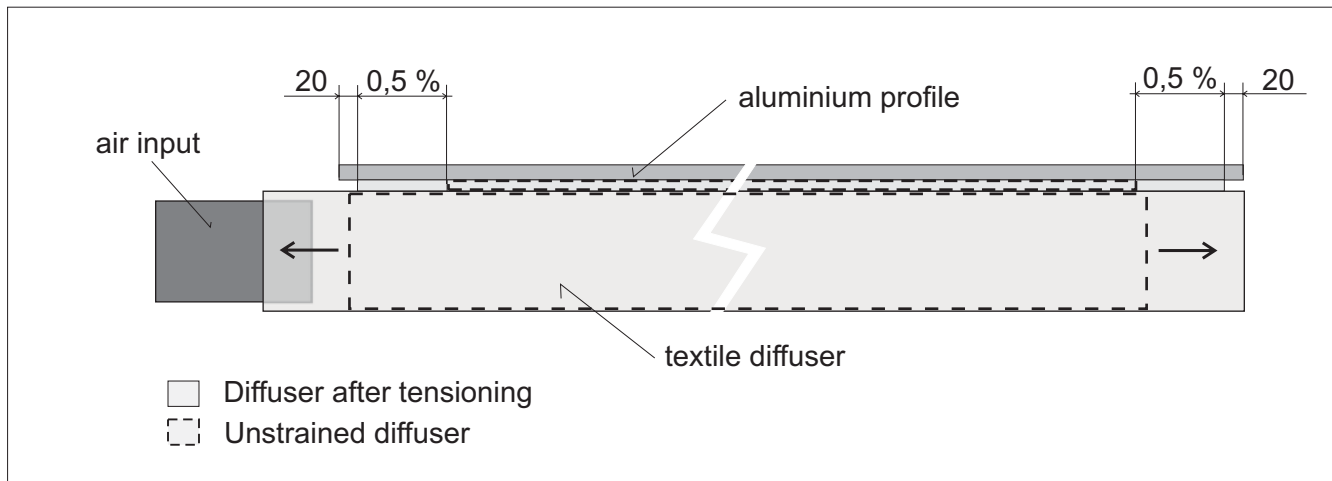
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

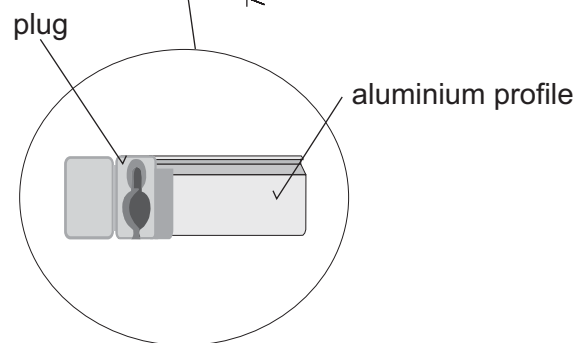
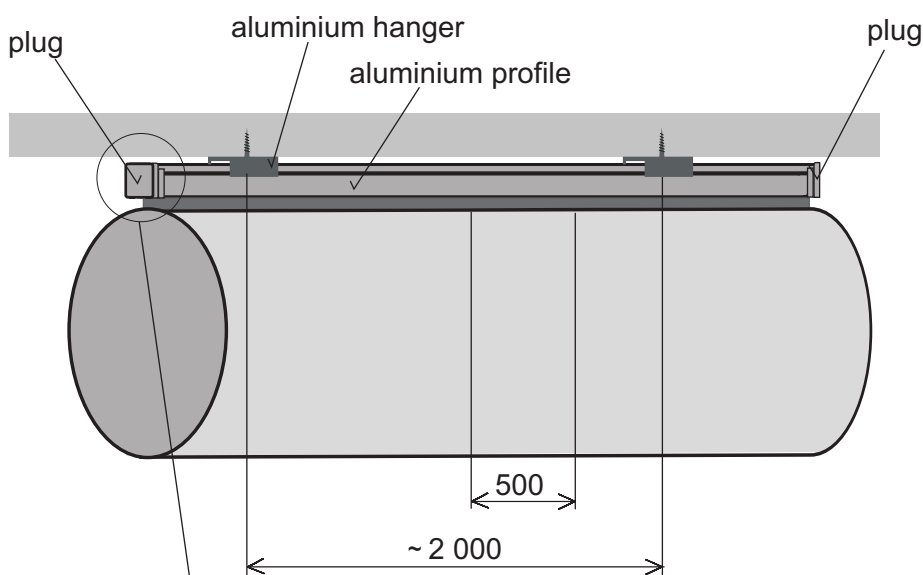
3ACL

SECTION **C**

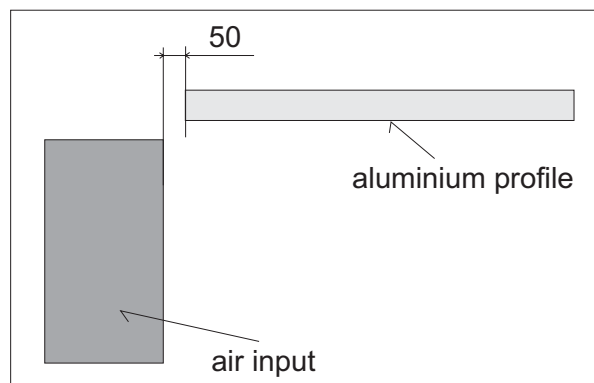
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

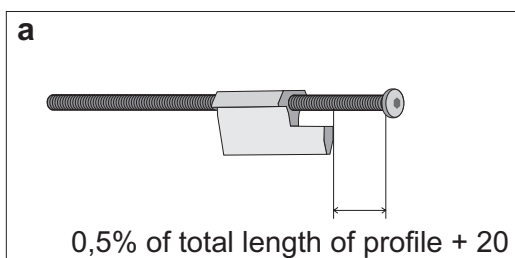
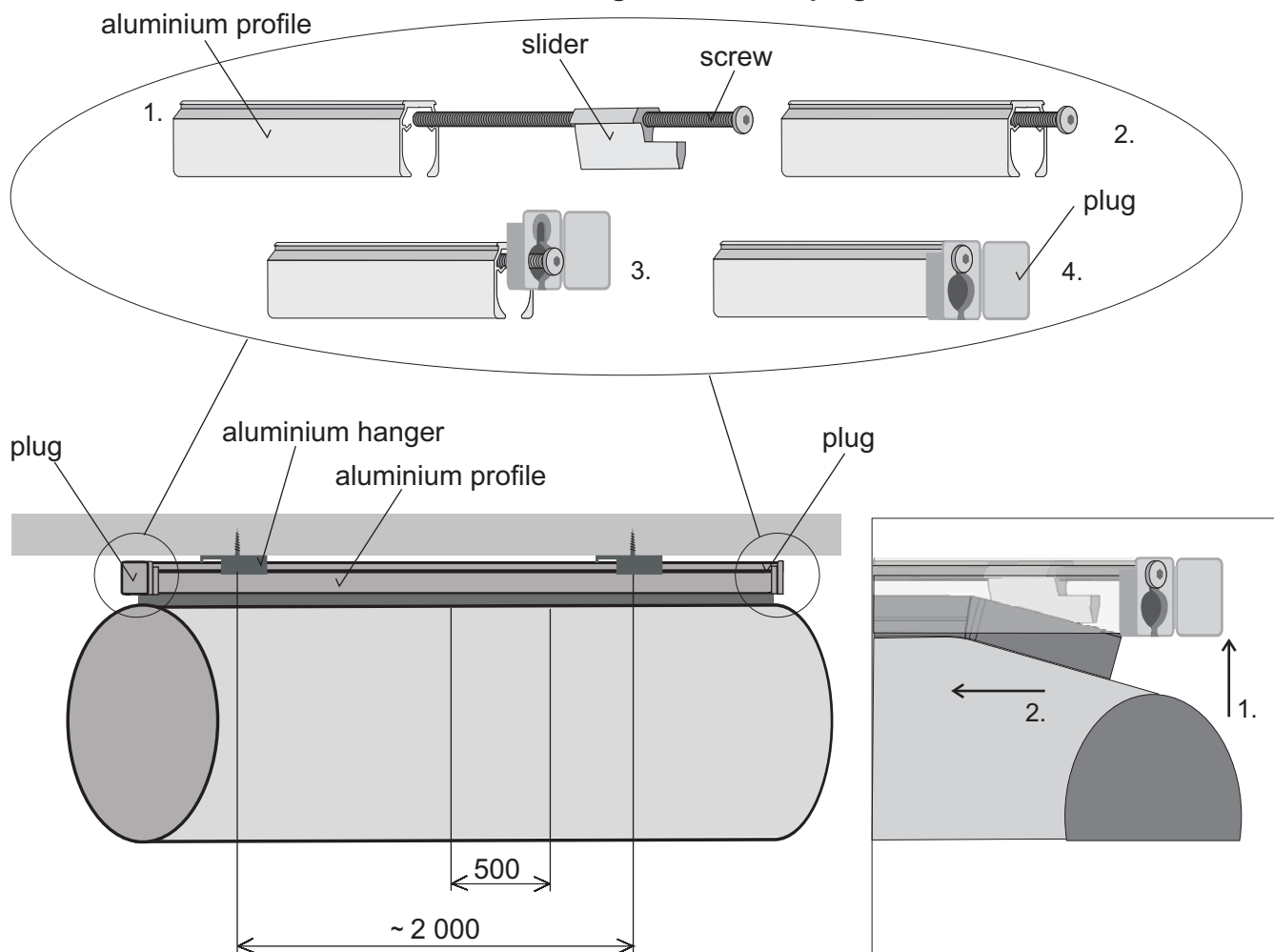
3. INSTALLATION

3ACL

SECTION **C**

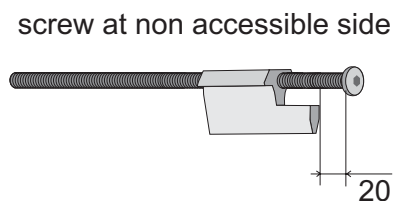
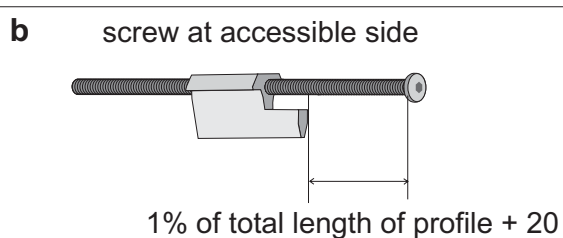
3. INSTALLATION

Details: Mounting of slider and plug



Details: Setting of slider - a

Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3ACL

SECTION C

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The aluminium profiles require to be mounted every 2 m. There must be always the hanger at the both edges of whole profile.
- 3. Mounting of aluminium hangers to the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 5. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 6. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

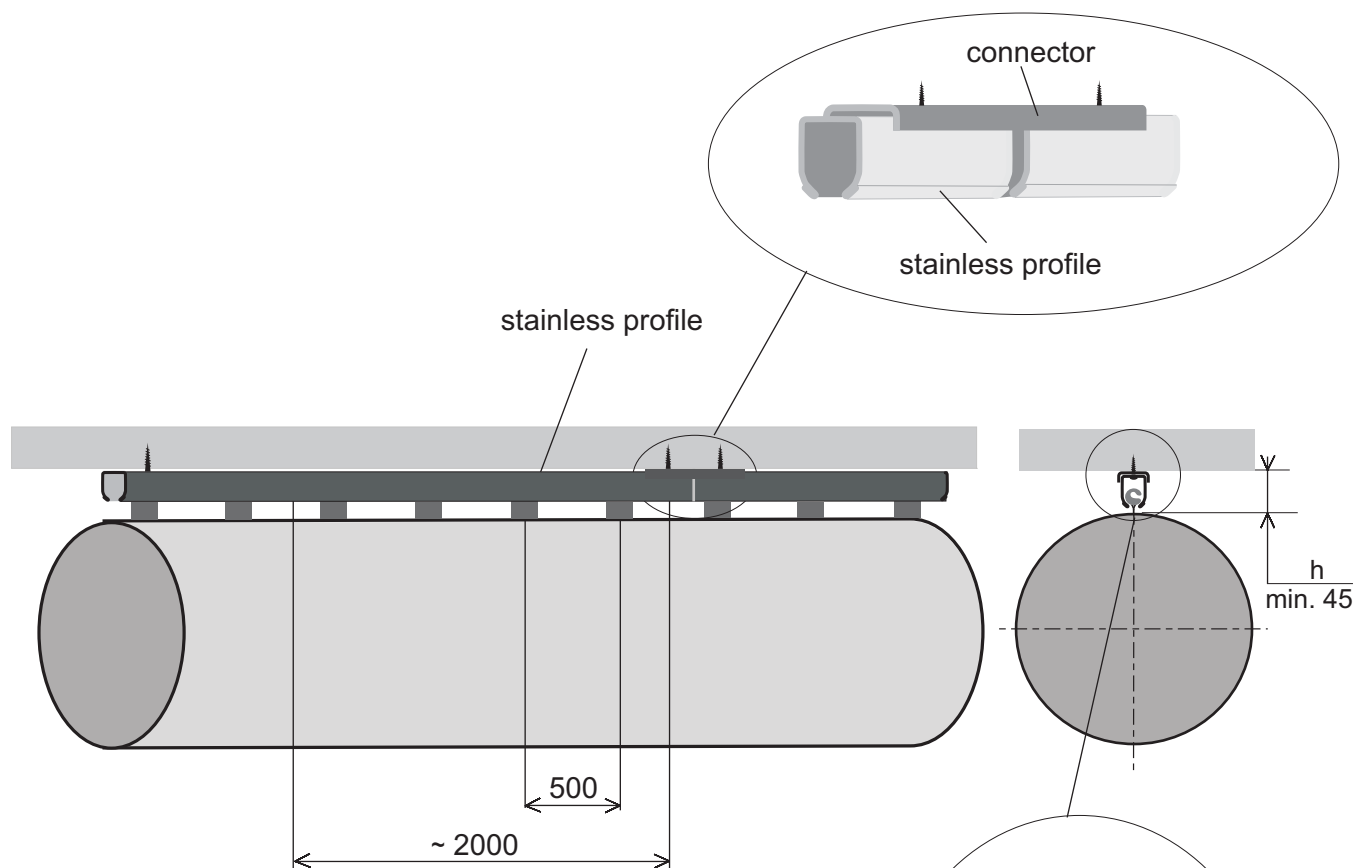
3. INSTALLATION

3G

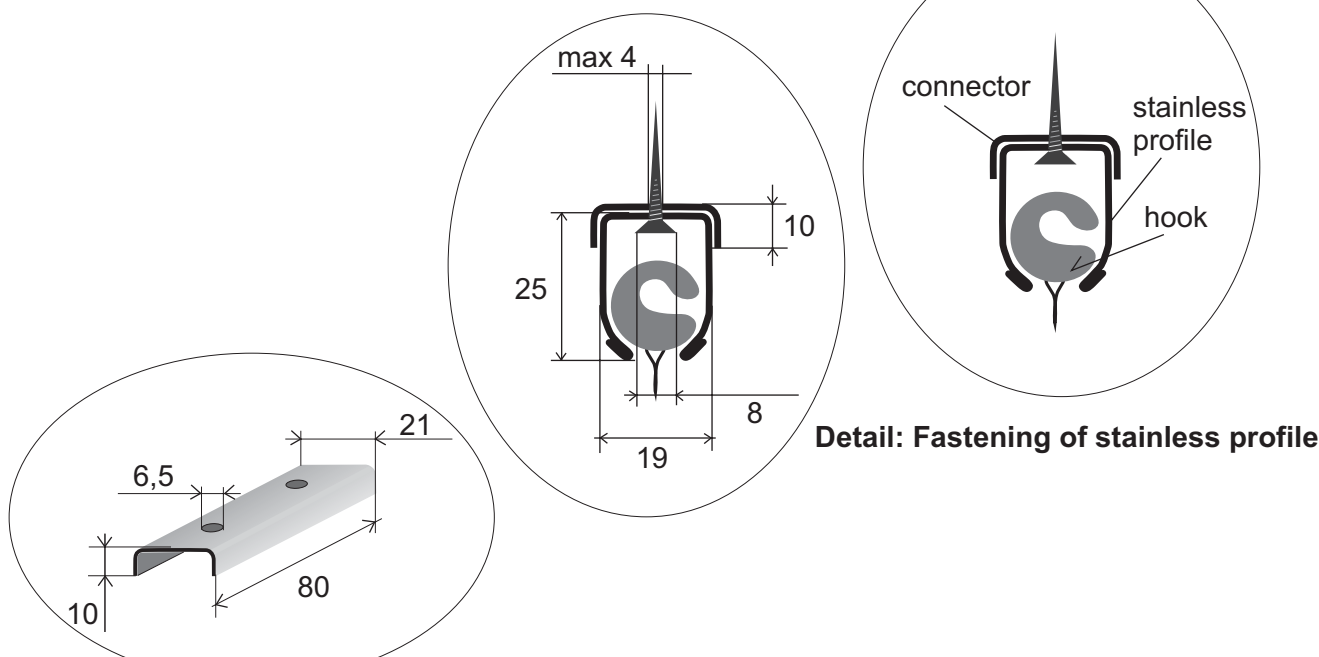
SECTION C

3. INSTALLATION

Detail: Connecting of profiles



Detail: Fastening of stainless profile



Detail: Connector

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3G

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of holes in connectors of profiles (4 mm diameter). The stainless profiles require to be mounted every 2 m. Prepare accordingly and as per the layout of holes in profile the dowels and other anchoring systems into structure. The loading capacity of any hanger is at least 1000 N.
- 3. Mounting of profiles into the structure:** Mount the beginning of the first part of the profile to the structure (ceiling). Then mount the next parts of profile one by one through the connectors, see the "Detail: Connecting of profiles". Fix the end of the last profile part directly to the structure (ceiling) as the first one.
- 4. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 5. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 6. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

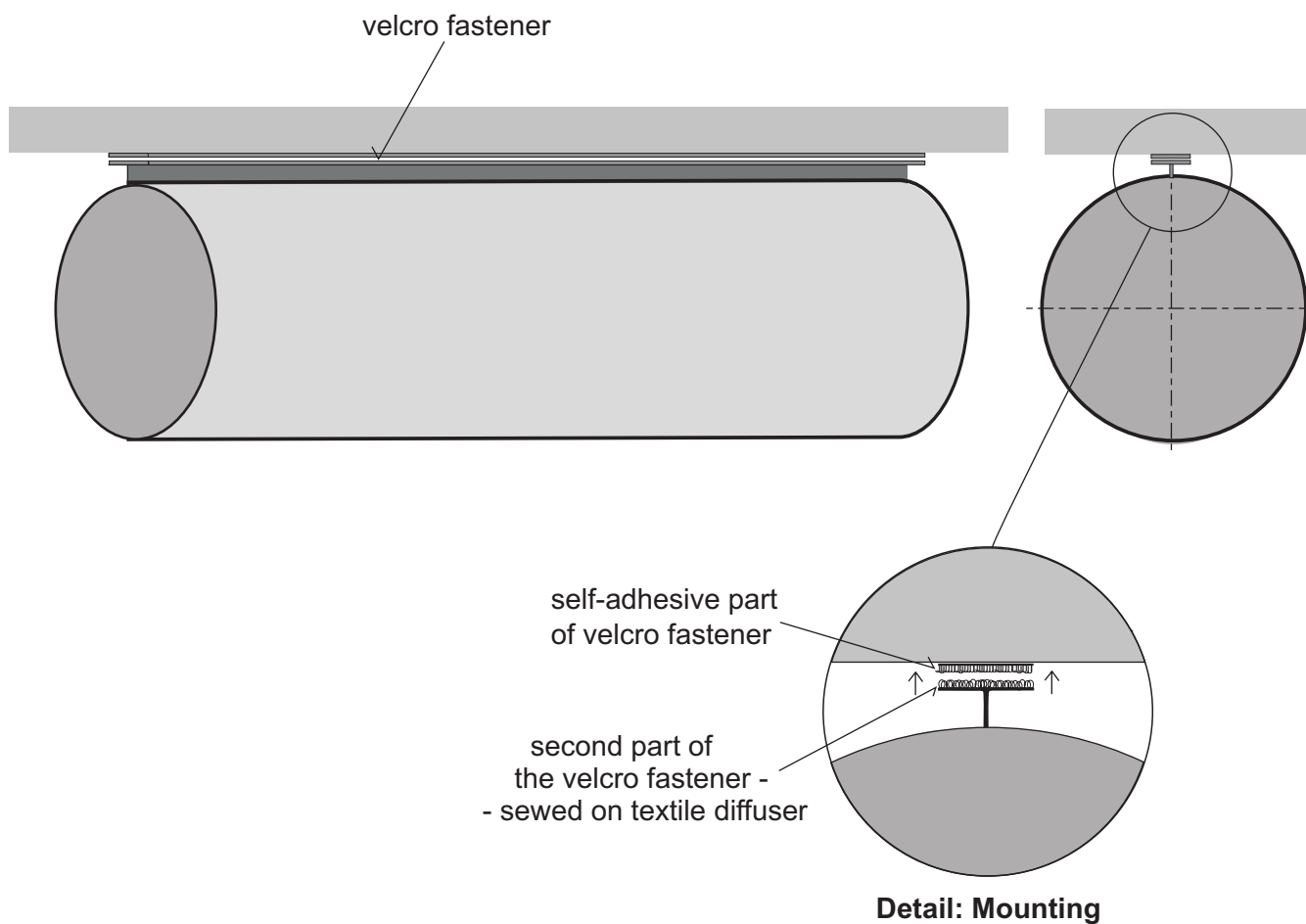
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3J

SECTION C

3. INSTALLATION



! This installation can be only used for temperatures up to 50°C. !

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

3J

SECTION C

3. INSTALLATION

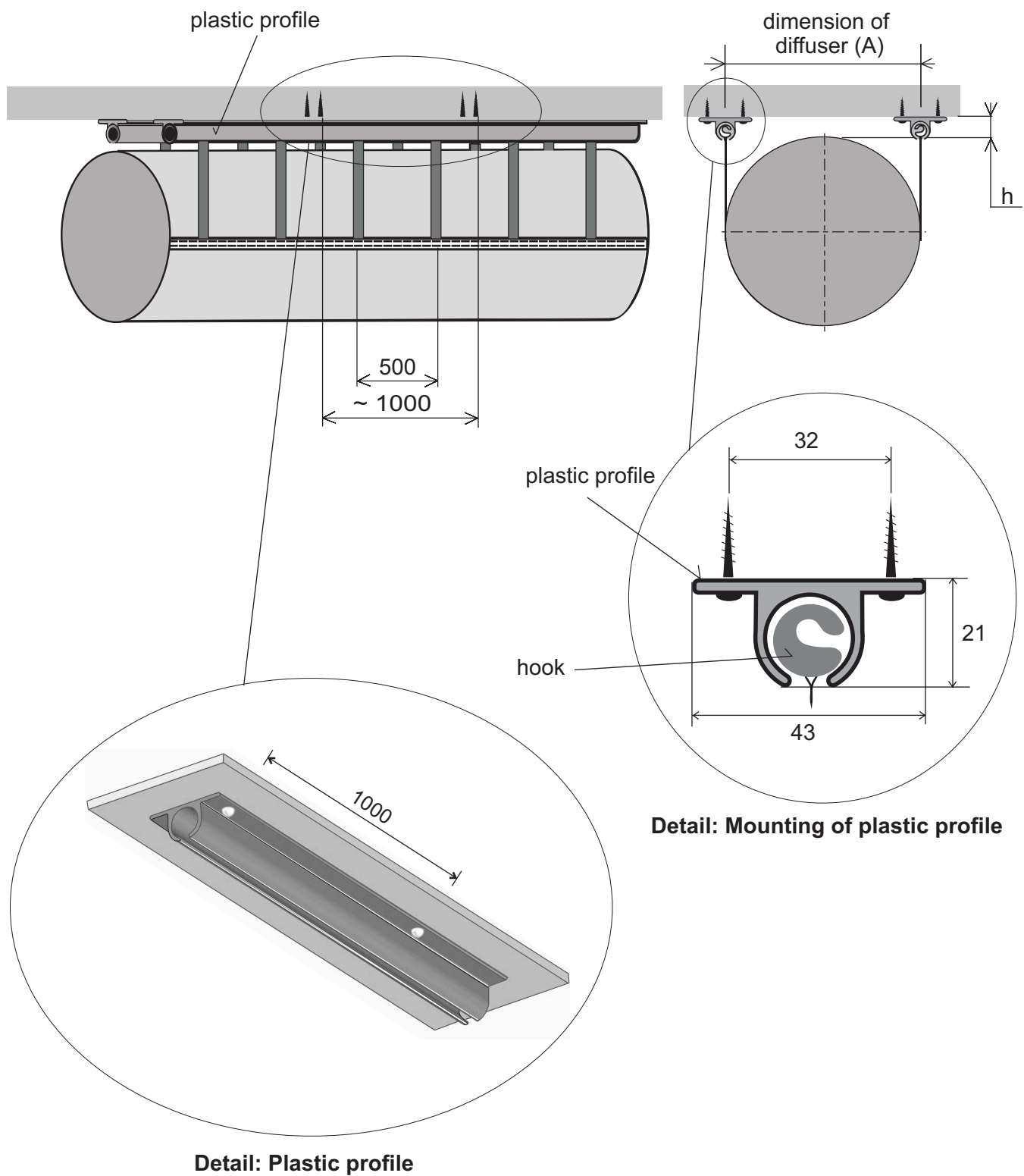
- 1. Preparation of surface for glueing of velcro fastener:** Degrease and clean as the best as possible whole surface intended for glueing of velcro fastener. The installation load capacity depends on surface cleanliness.
- 2. Glueing of velcro fastener:** Press a strip of the self-adhesive part of velcro fastener along its length down on prepared surface.
- 3. Mounting of diffuser to the glued velcro fastener:** Press the second part of the velcro fastener sewed on textile diffuser down on the glued part of it.
- 4. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 5. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

! This installation can be only used for temperatures up to 50°C. !

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

4B



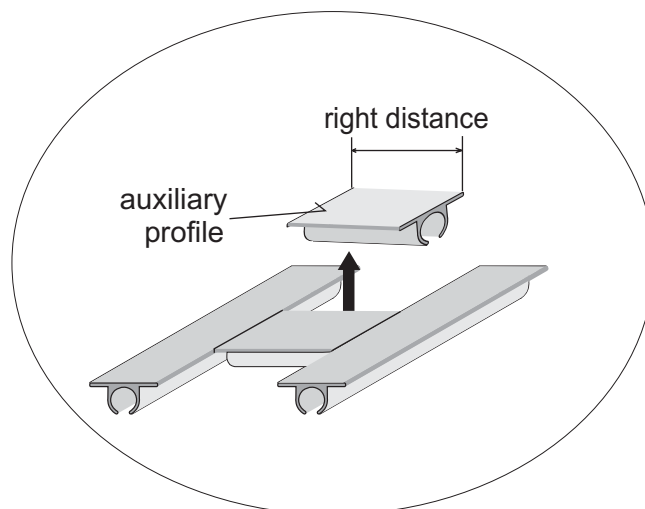
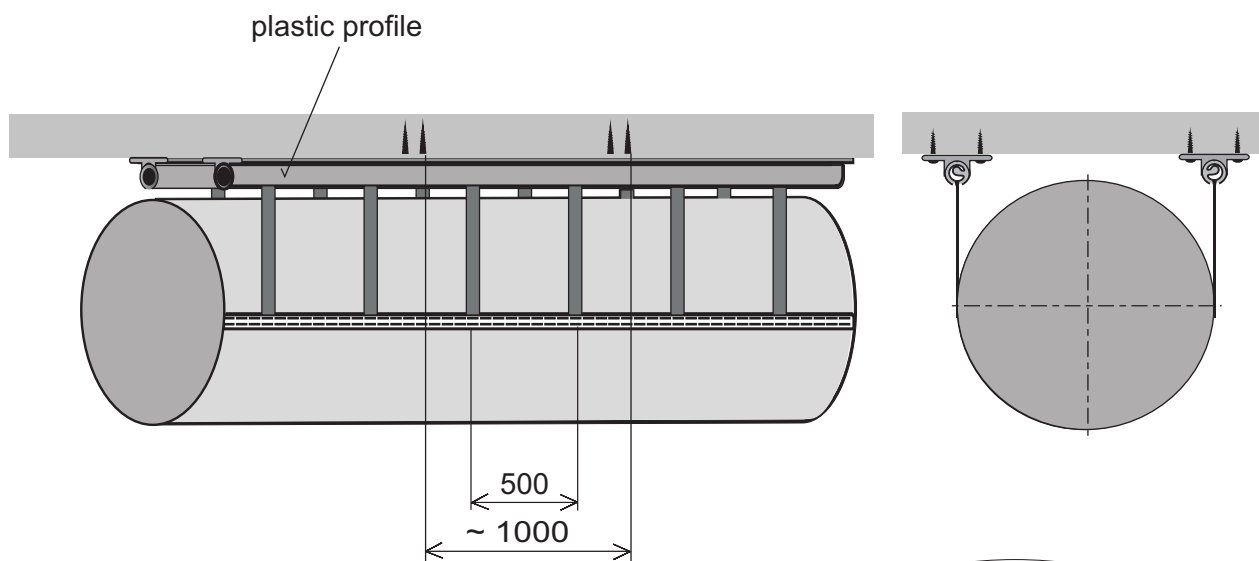
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

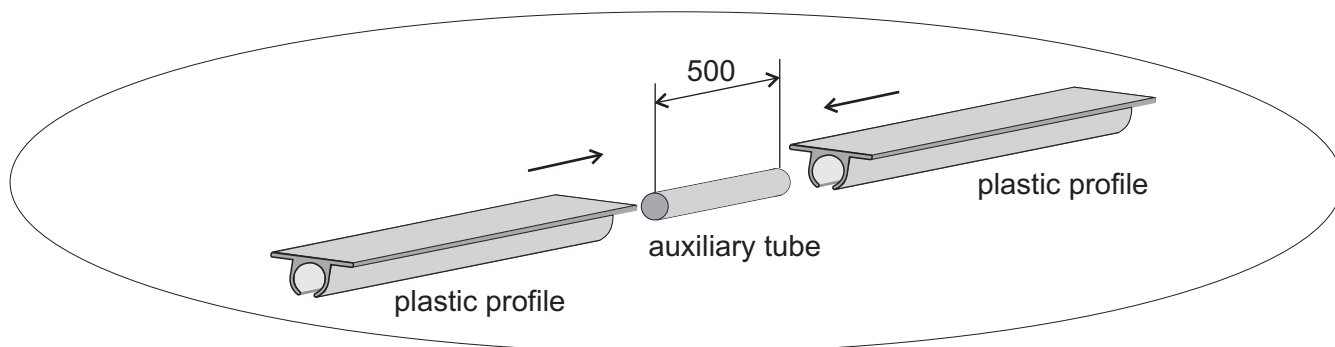
4B

SECTION C

3. INSTALLATION



Detail: Distance between profiles



Detail: Connection of plastic profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

4B

SECTION C

- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of plastic profile". The plastic profiles require to be mounted every 1 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is at least 500 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of two rows of profiles exactly as per predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The rows of profiles must be quite parallel with distance correspondent with the length of auxiliary profile, which is attached - see "Detail: Distance between profiles".
- 4. Mounting of profiles into the structure:** Mount the separate parts of plastic profiles in tandem into the structure (ceiling). When connecting the profiles use an auxiliary tube, which is attached, see "Detail: Connection of plastic profiles". Mount the first profile to the structure and fit on the auxiliary tube halfway of its length. Fit the second profile on tube and screw to the structure. Move the auxiliary tube to profile end, fit on the next profile and screw it to the structure. Proceed on to the moment since all profiles are mounted. Before mounting of last profile check out, if there is enough space for the removal of auxiliary tube. If not mount the last profile without it.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 7. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

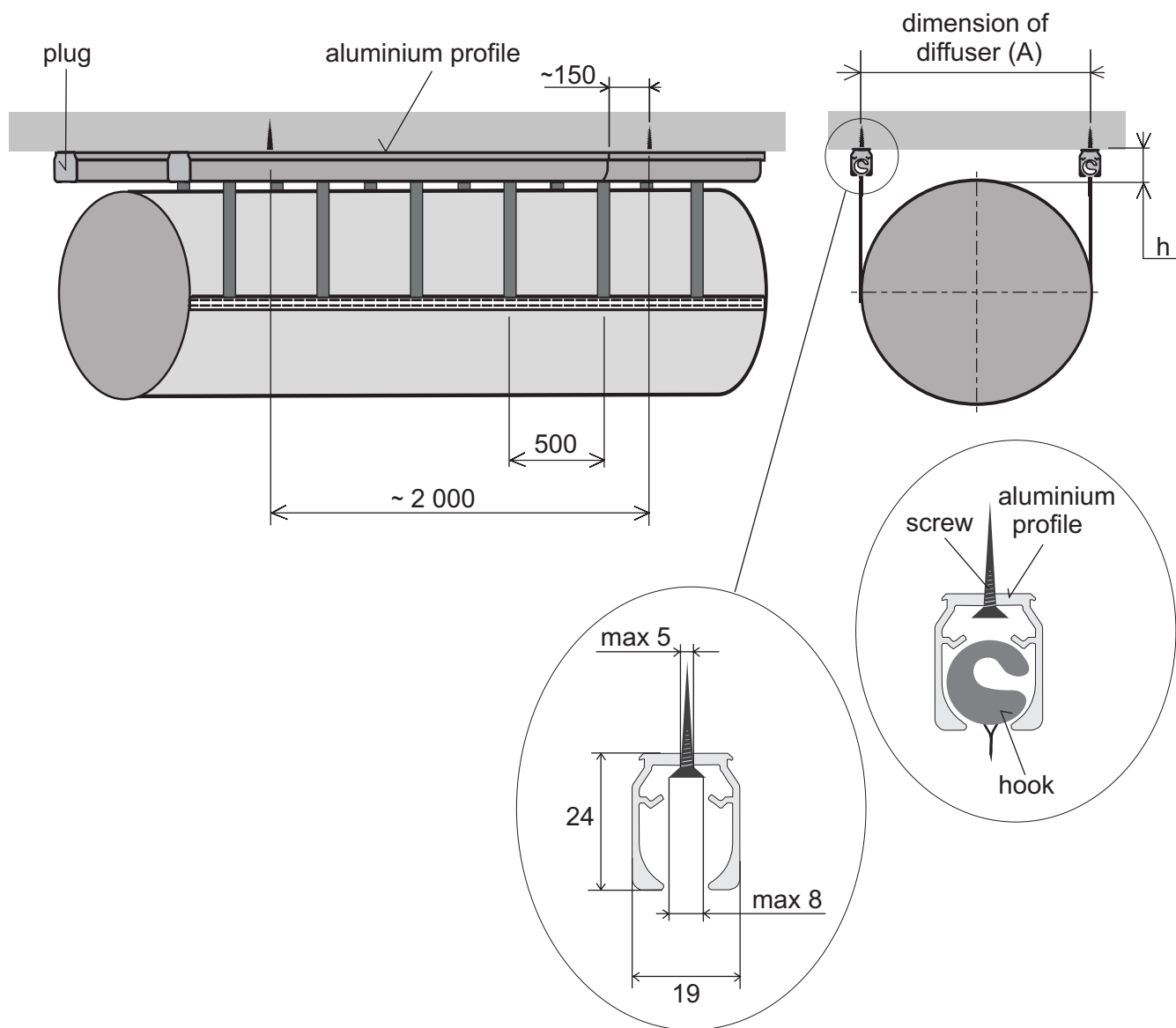
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

4

SECTION C

3. INSTALLATION



Detail: Mounting of aluminium profile

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

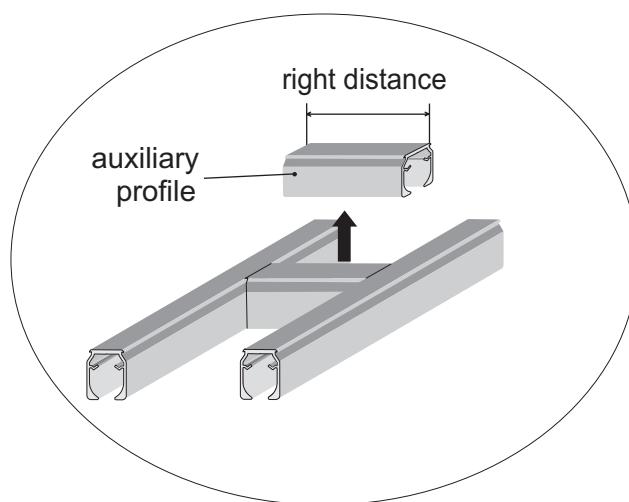
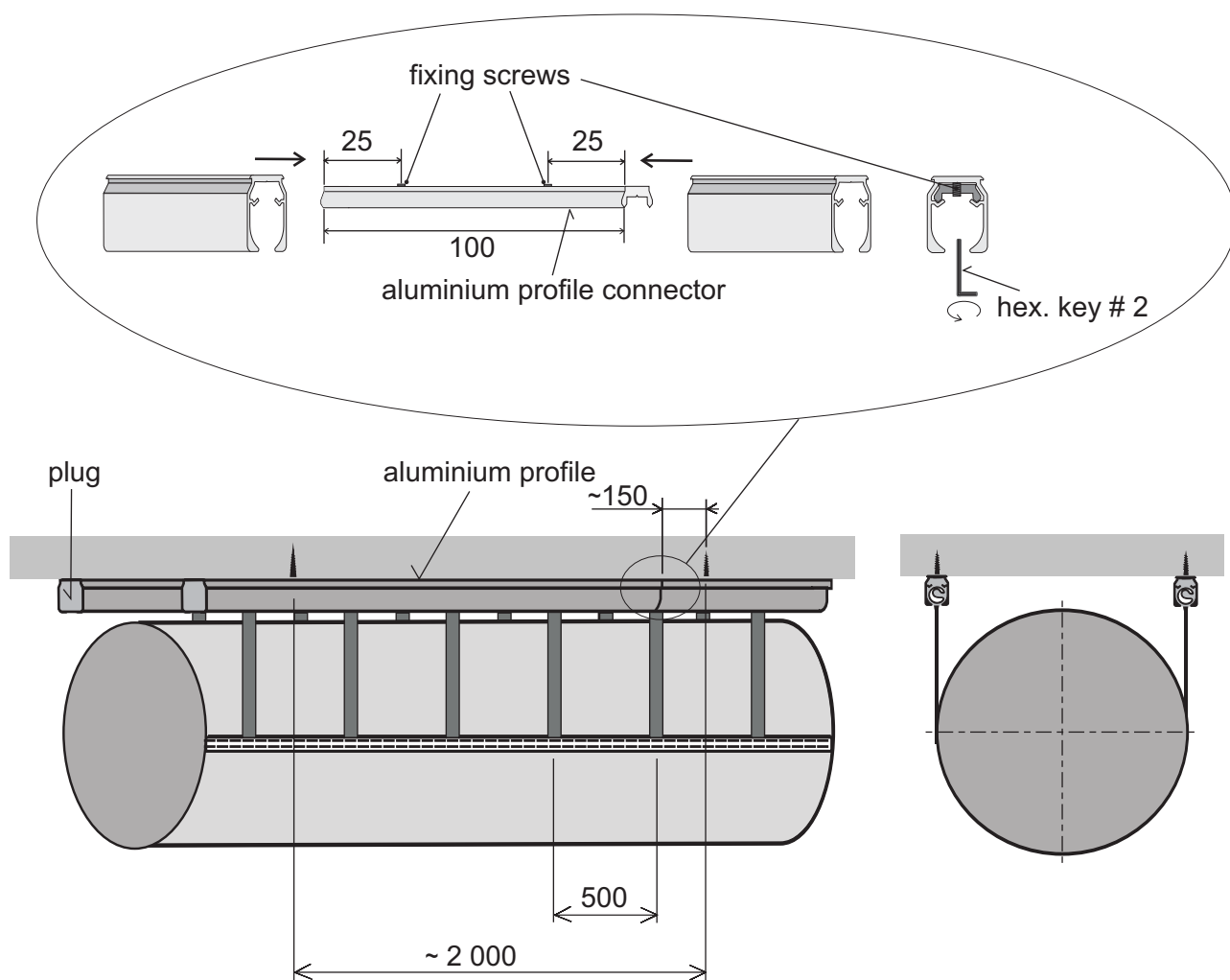
3. INSTALLATION

4

SECTION C

3. INSTALLATION

Detail: Joining of profiles



Detail: Distance between profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

4

SECTION C

3. INSTALLATION

- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account. With normal 2 m length of one part of profile one hole will be sufficient for each part with two holes for the last part. Any of holes must not be closer to the profile end than 80 mm! Otherwise it would be possible to slide into the connector of parts.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of aluminium profile". The aluminium profiles require to be mounted every 2 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is 1.000 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of two rows of profiles exactly as per predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The rows of profiles must be quite parallel with distance correspondent with the length of auxiliary profile, which is attached - see "Detail: Distance between profiles".
- 4. Mounting of profiles into the structure and their joining:** Mount the first profile to the structure (ceiling). Slide then the connector into it as per "Detail: Joining of profiles" and tighten a fixing screw. Slide the second profile on connector and tighten the second fixing screw. Mount then the second profile to the structure and proceed with this procedure up to consuming of all parts.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 7. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

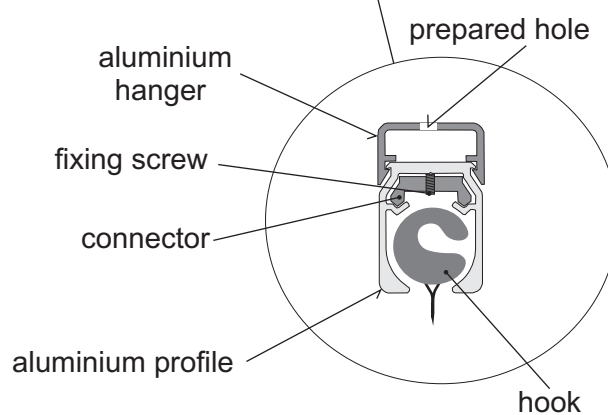
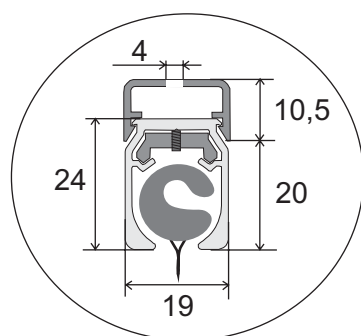
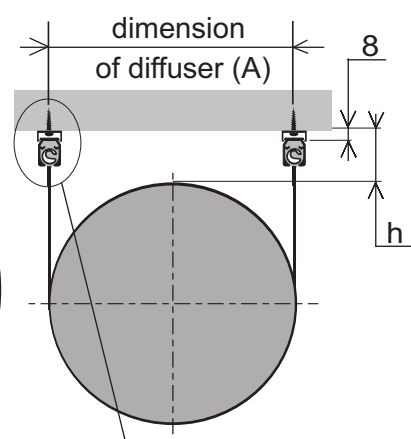
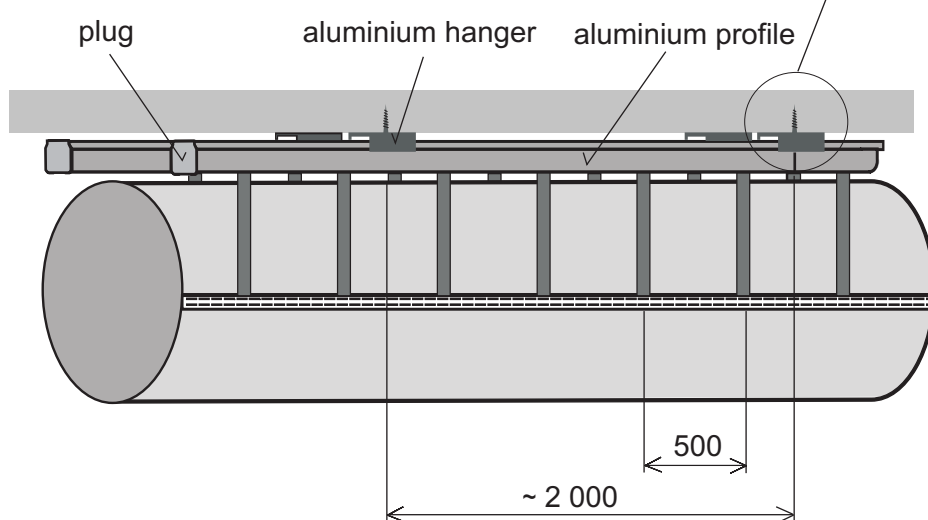
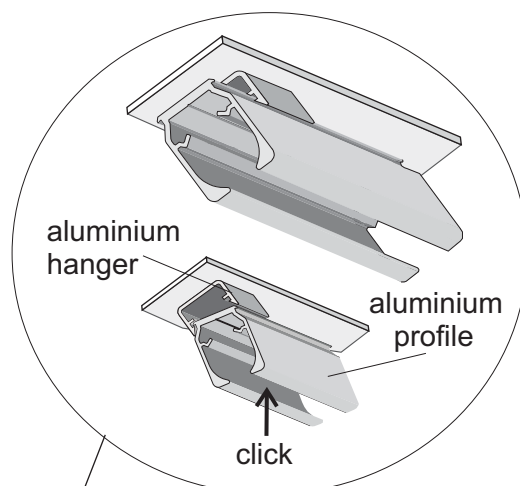
3. INSTALLATION

4C

SECTION C

3. INSTALLATION

Detail: Mounting of aluminium profile into hangers



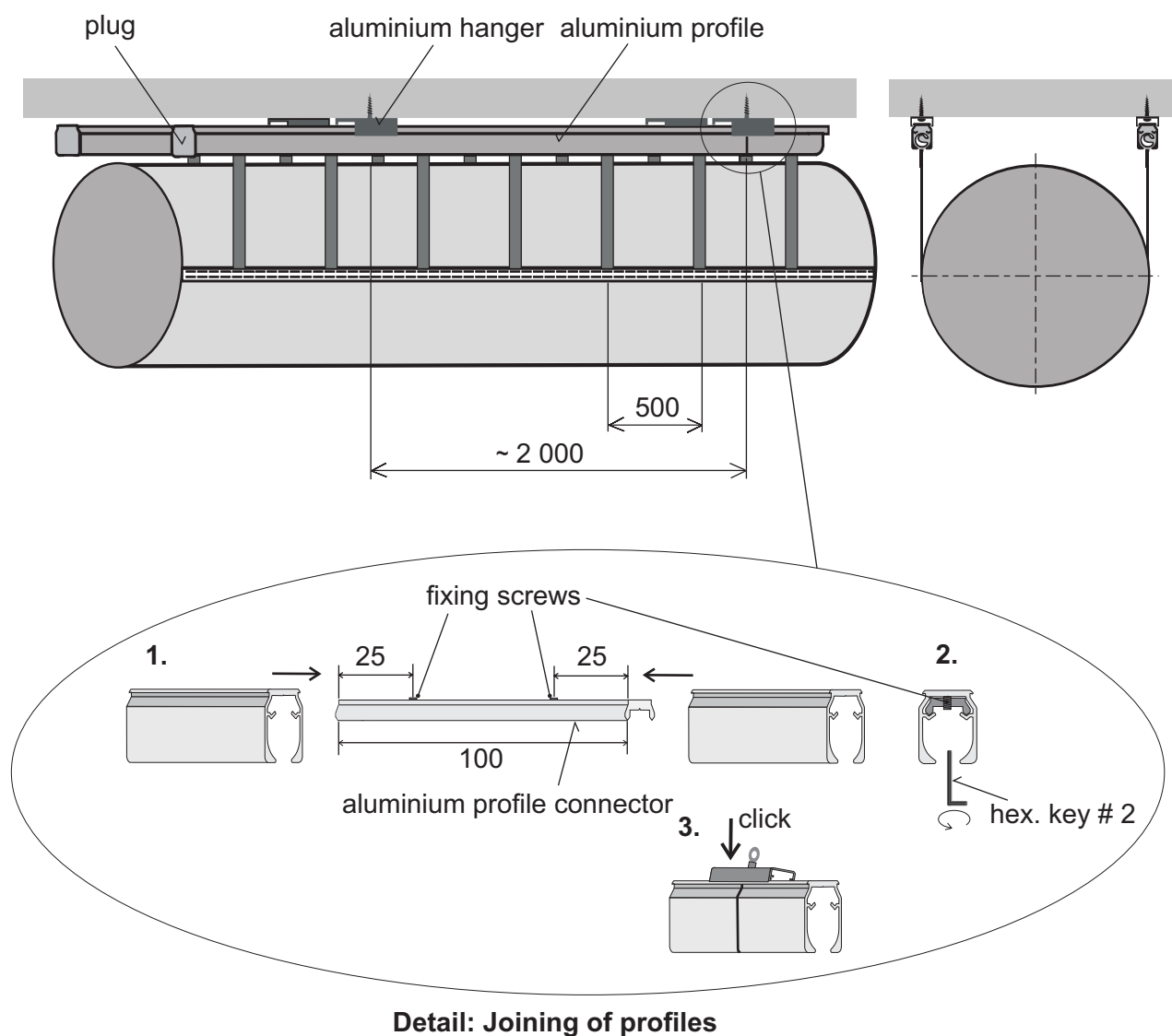
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

4C

SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

4C

SECTION C

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The aluminium profiles require to be mounted every 2 m. There must be always the hanger at the both edges of whole profile.
- 3. Mounting of aluminium hangers to the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its second end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

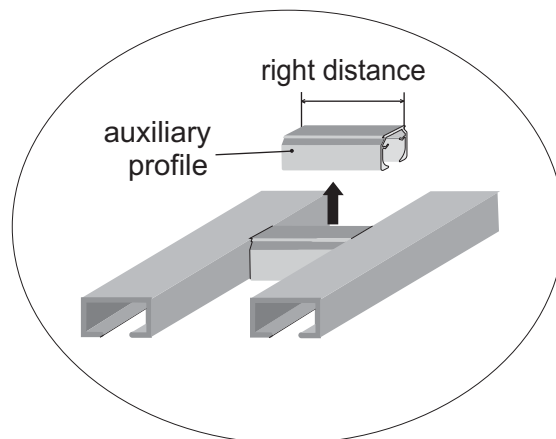
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

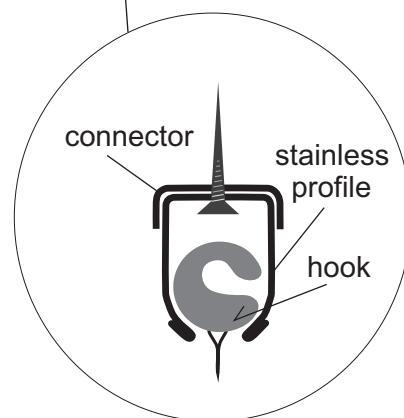
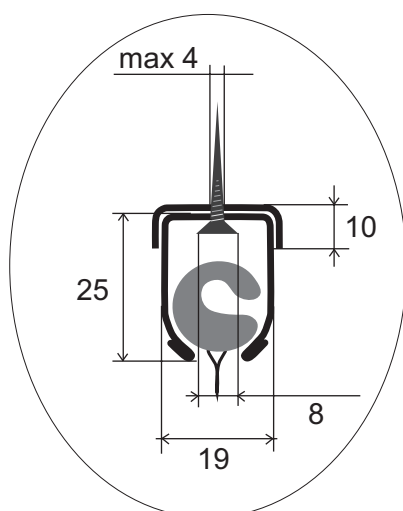
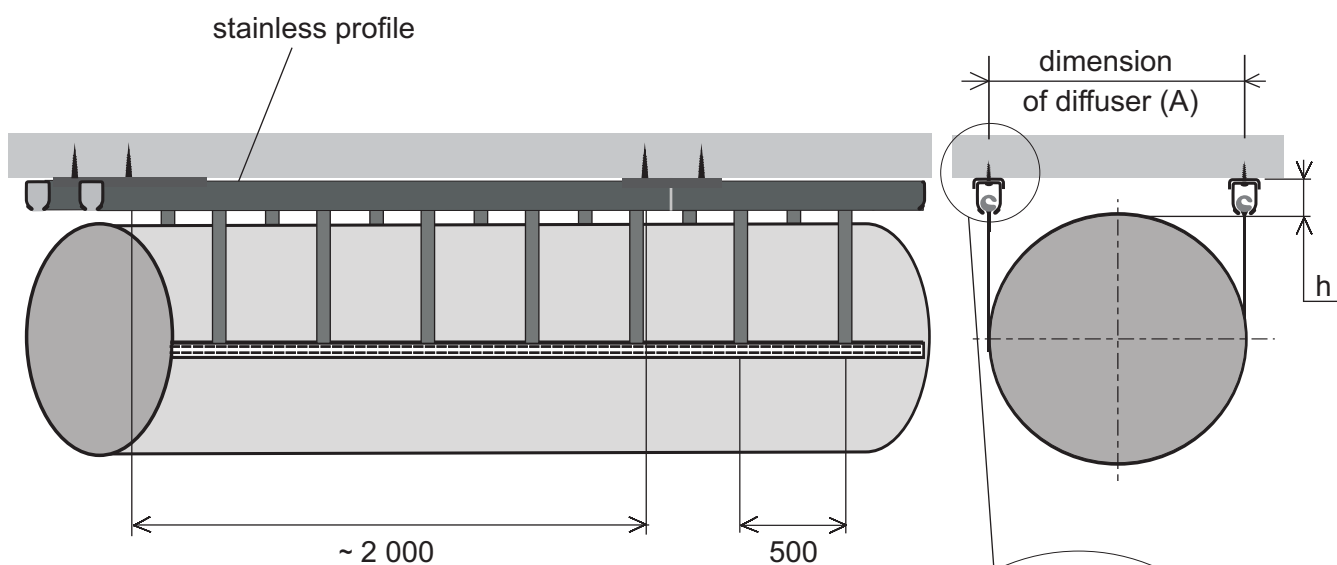
4G

SECTION C

3. INSTALLATION



Detail: Distance between profiles



Detail: Fastening of stainless profile

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

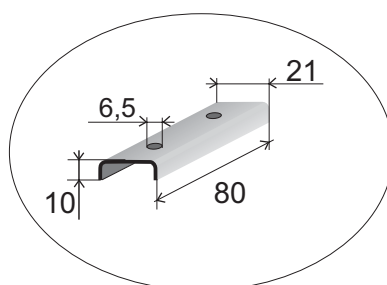
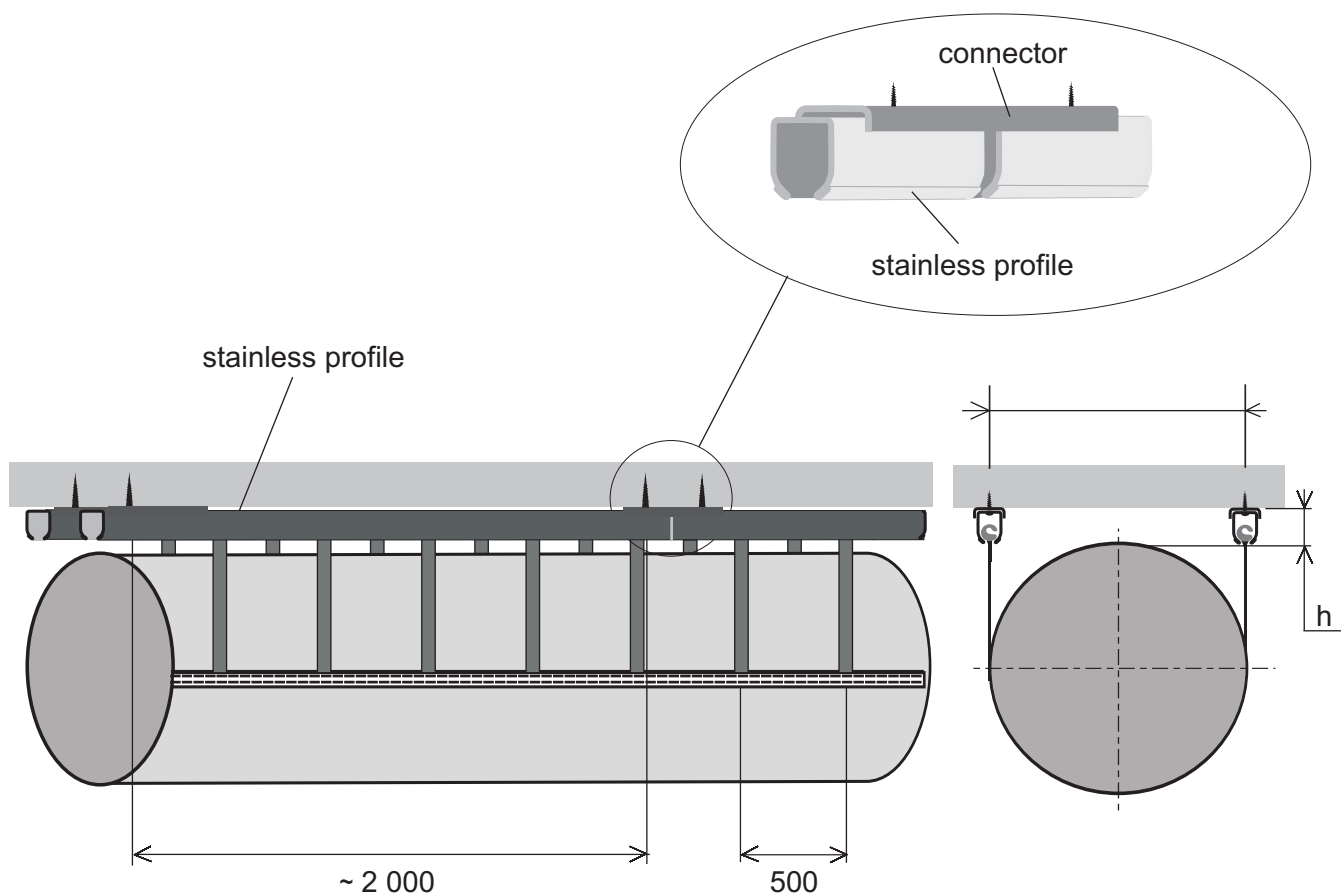
3. INSTALLATION

4G

SECTION C

3. INSTALLATION

Detail: Connecting of profiles



Detail: Connector

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

4G

SECTION C

- 1. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The rows of profiles must be quite parallel with distance correspondent with the length of auxiliary profile, which is attached - see "Detail: Distance between profiles".
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of holes in connectors of profiles (4 mm diameter). The stainless profiles require to be mounted every 2 m. Prepare accordingly and as per the layout of holes in profile the dowels and other anchoring systems into structure. The loading capacity of any hanger is at least 1000 N.
- 3. Mounting of profiles into the structure:** Mount the separate parts of stainless profiles in tandem into the structure (ceiling) by means of backplate - connector (for exact linking-up of parts), see "Detail: Connection of stainless profiles"
- 4. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 5. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 6. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

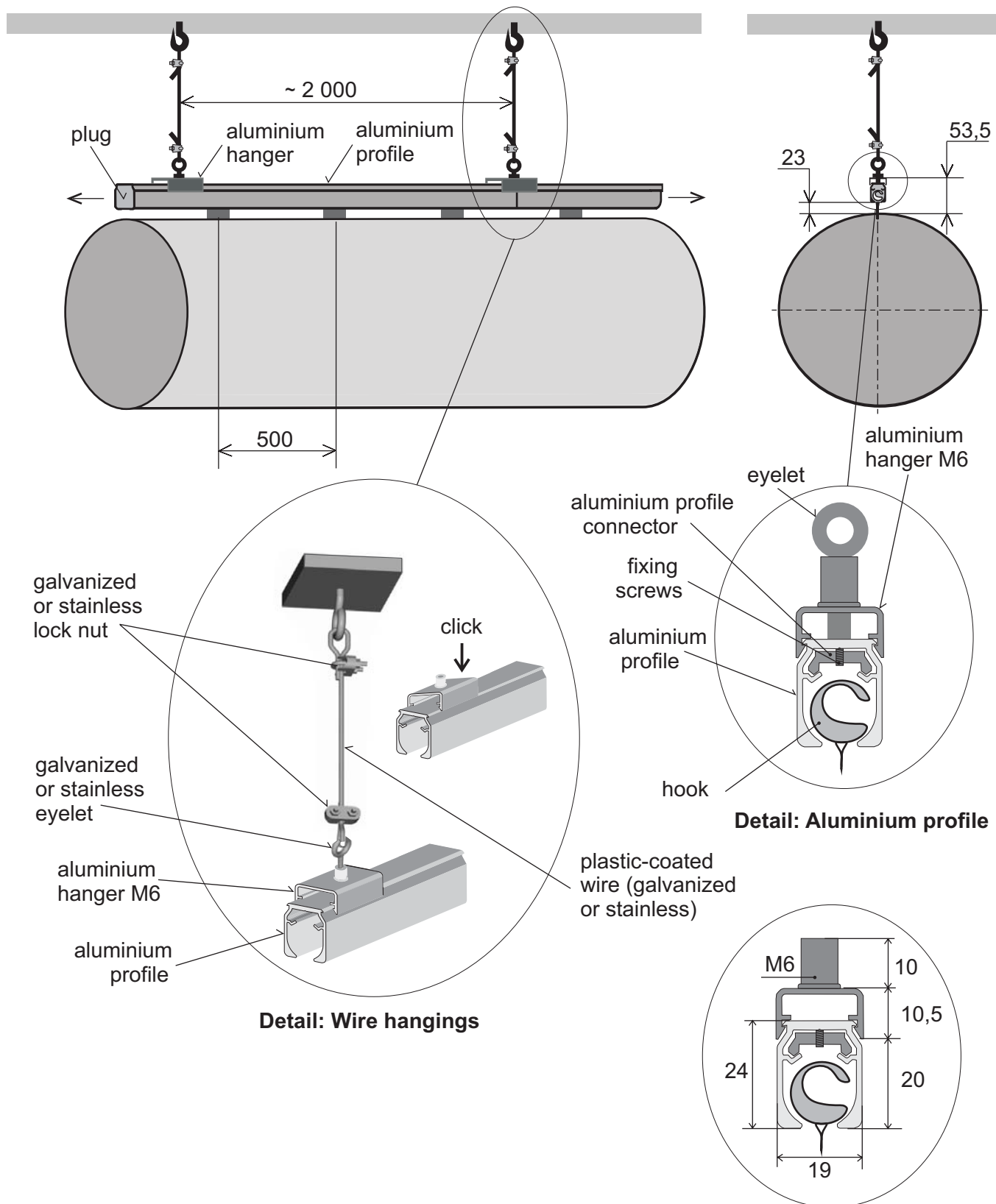
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5 5D 5F

SECTION C

3. INSTALLATION



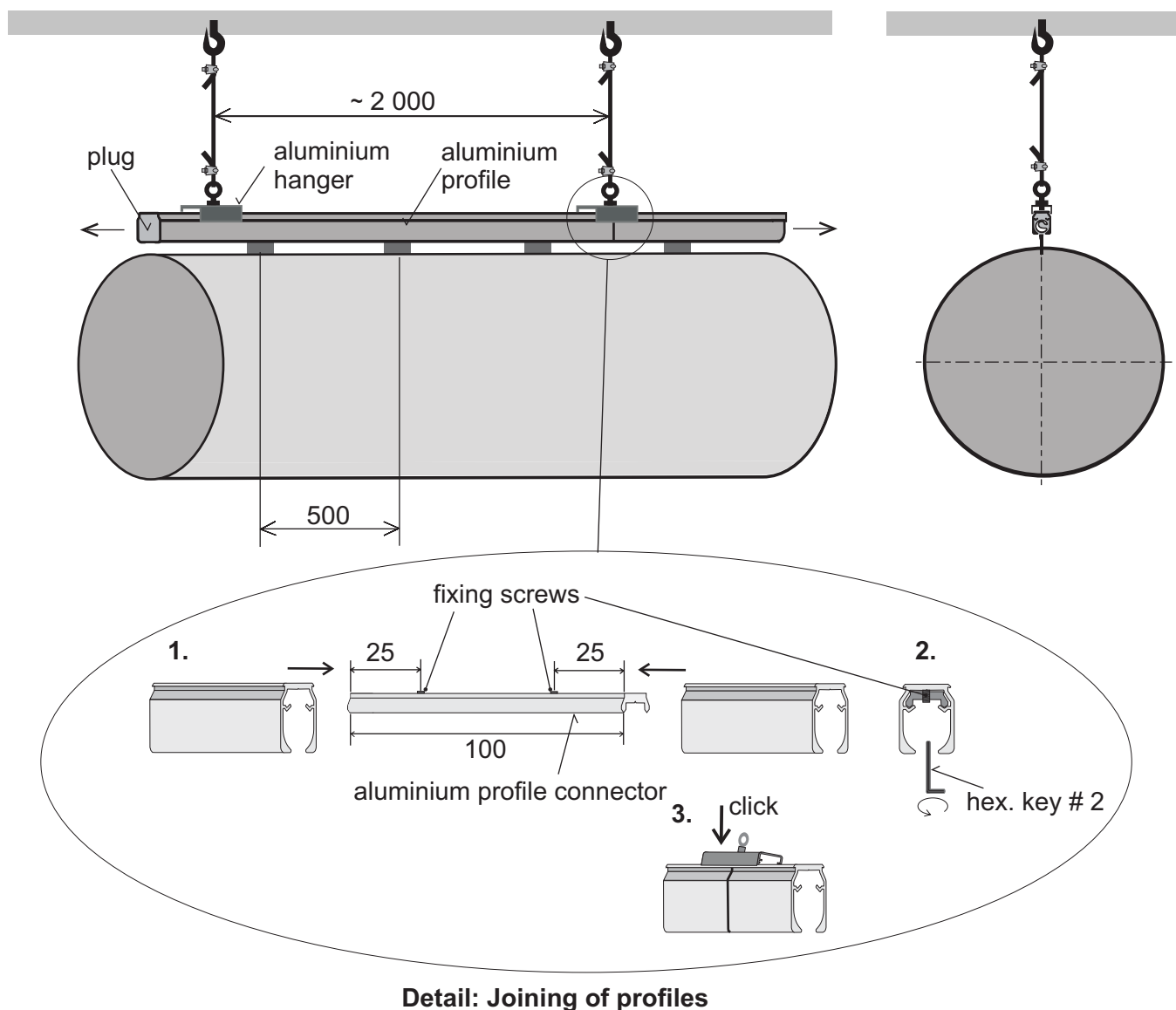
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5 5D 5F

SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5 5D 5F

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



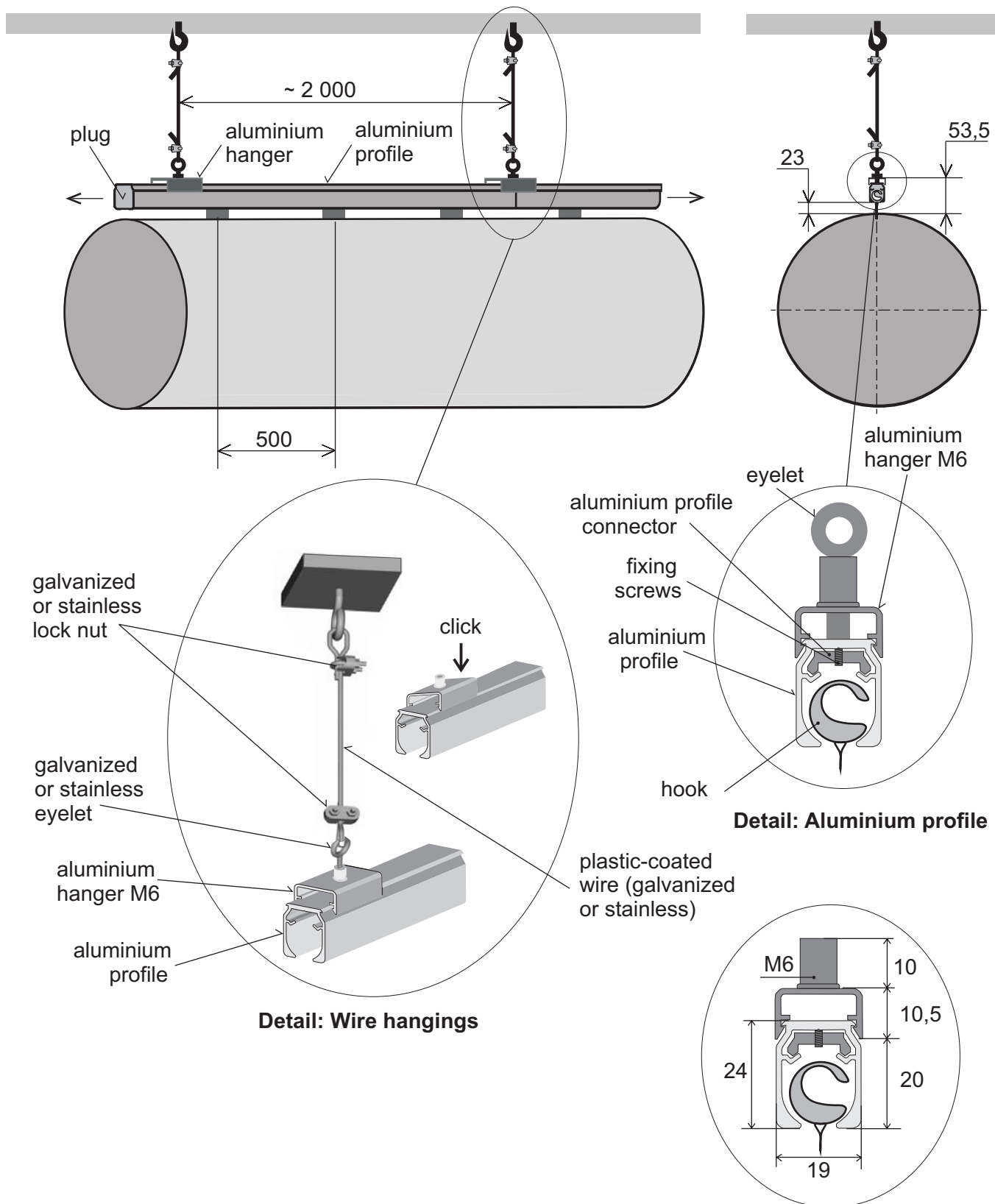
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5L **5DL** **5FL**

SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

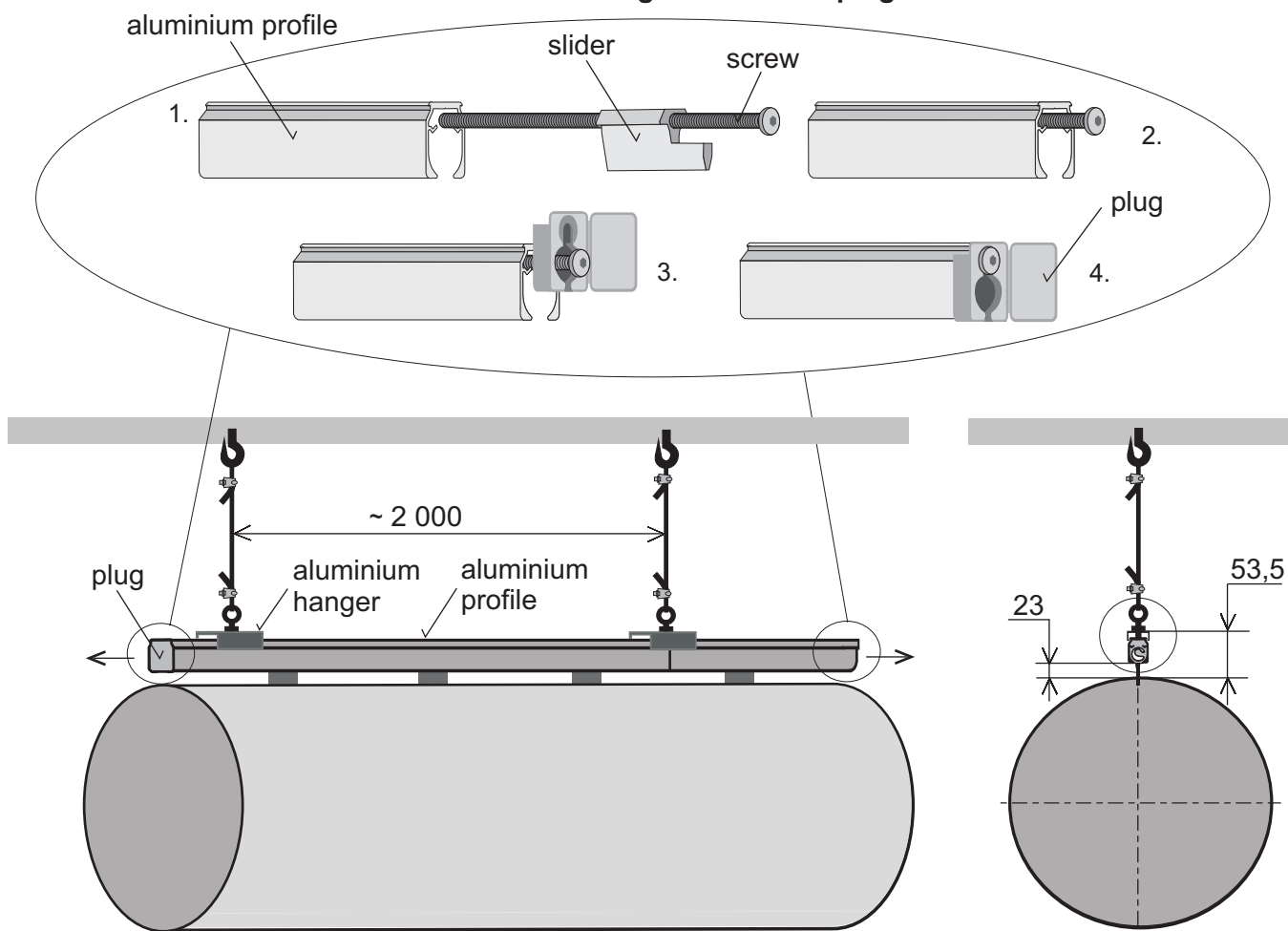
3. INSTALLATION

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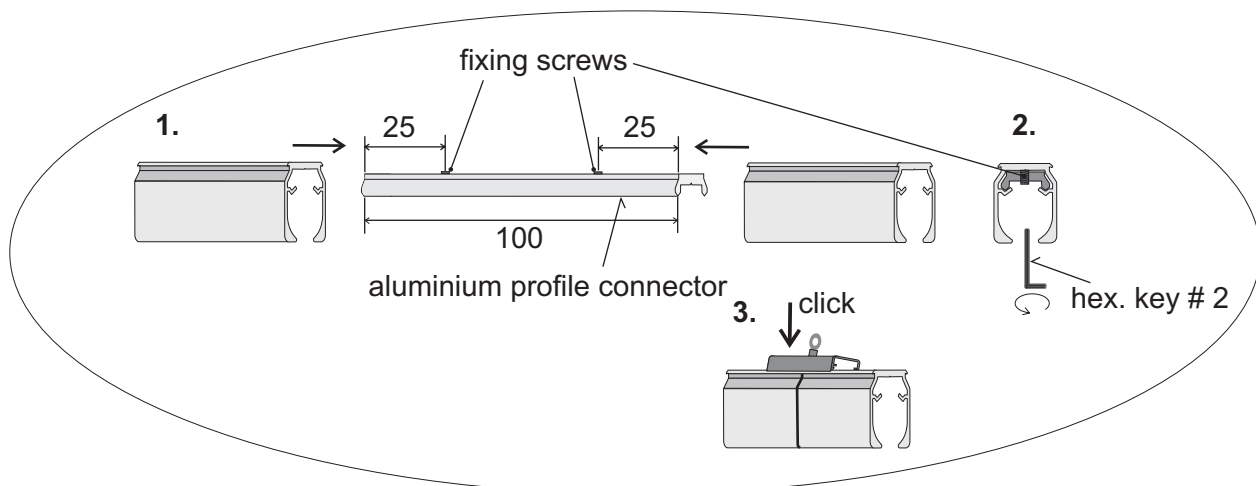
SECTION C

3. INSTALLATION

Details: Mounting of slider and plug



Detail: Joining of profiles



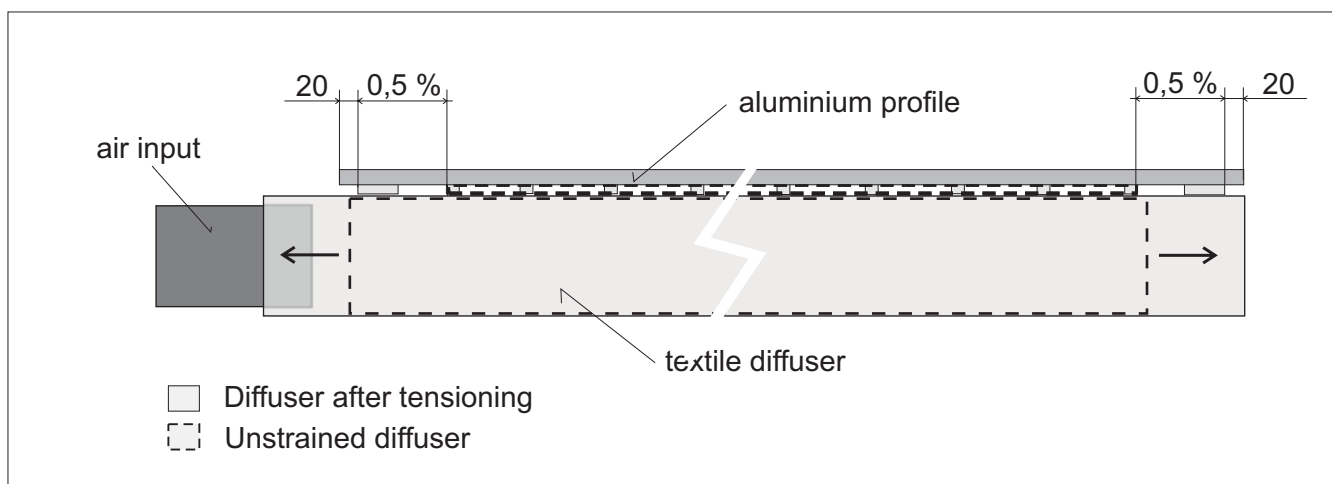
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

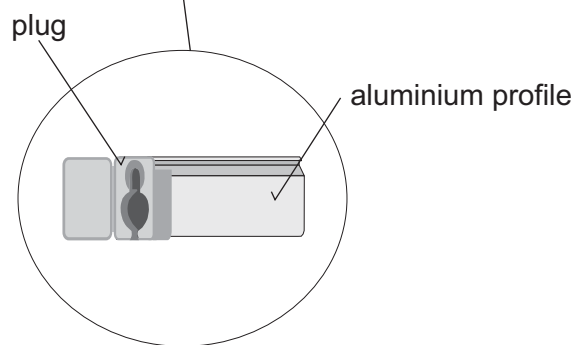
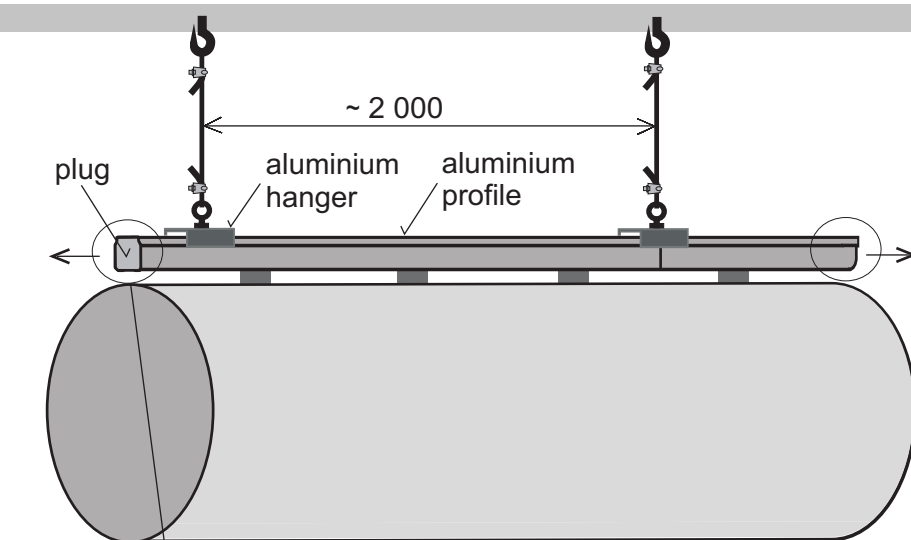
5L **5DL** **5FL**

SECTION **C**

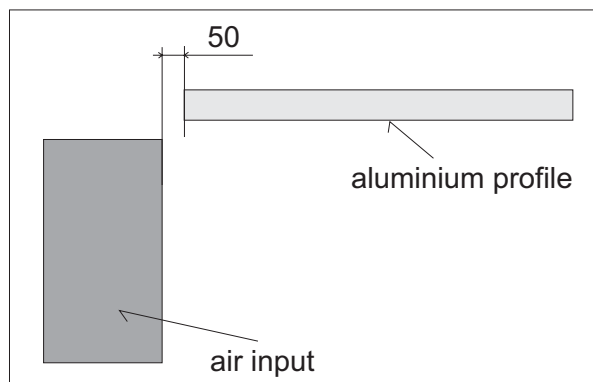
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

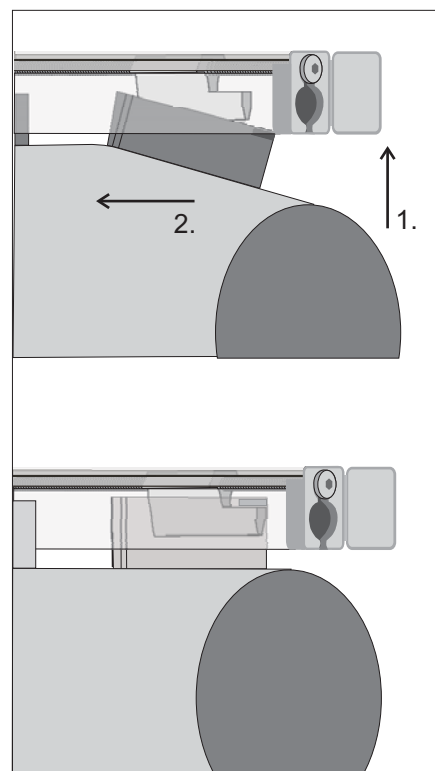
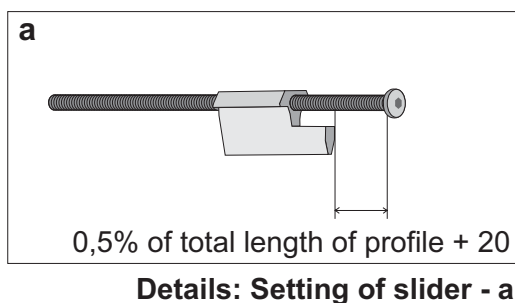
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

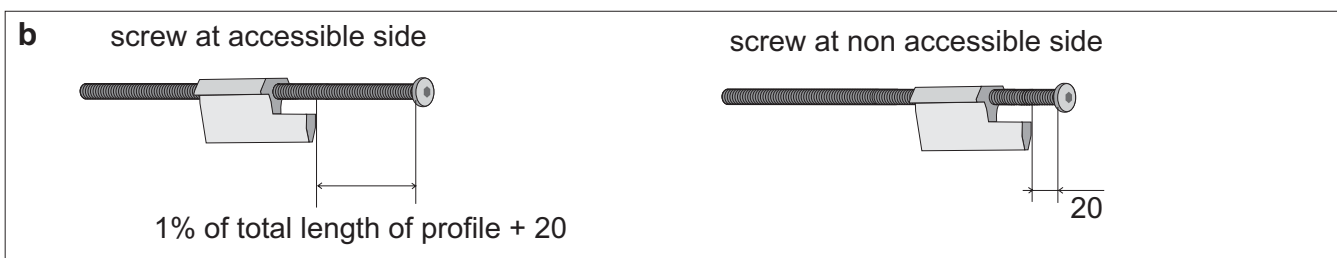
5L **5DL** **5FL**

SECTION **C**

3. INSTALLATION



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5L **5DL** **5FL**

SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening
Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").
Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

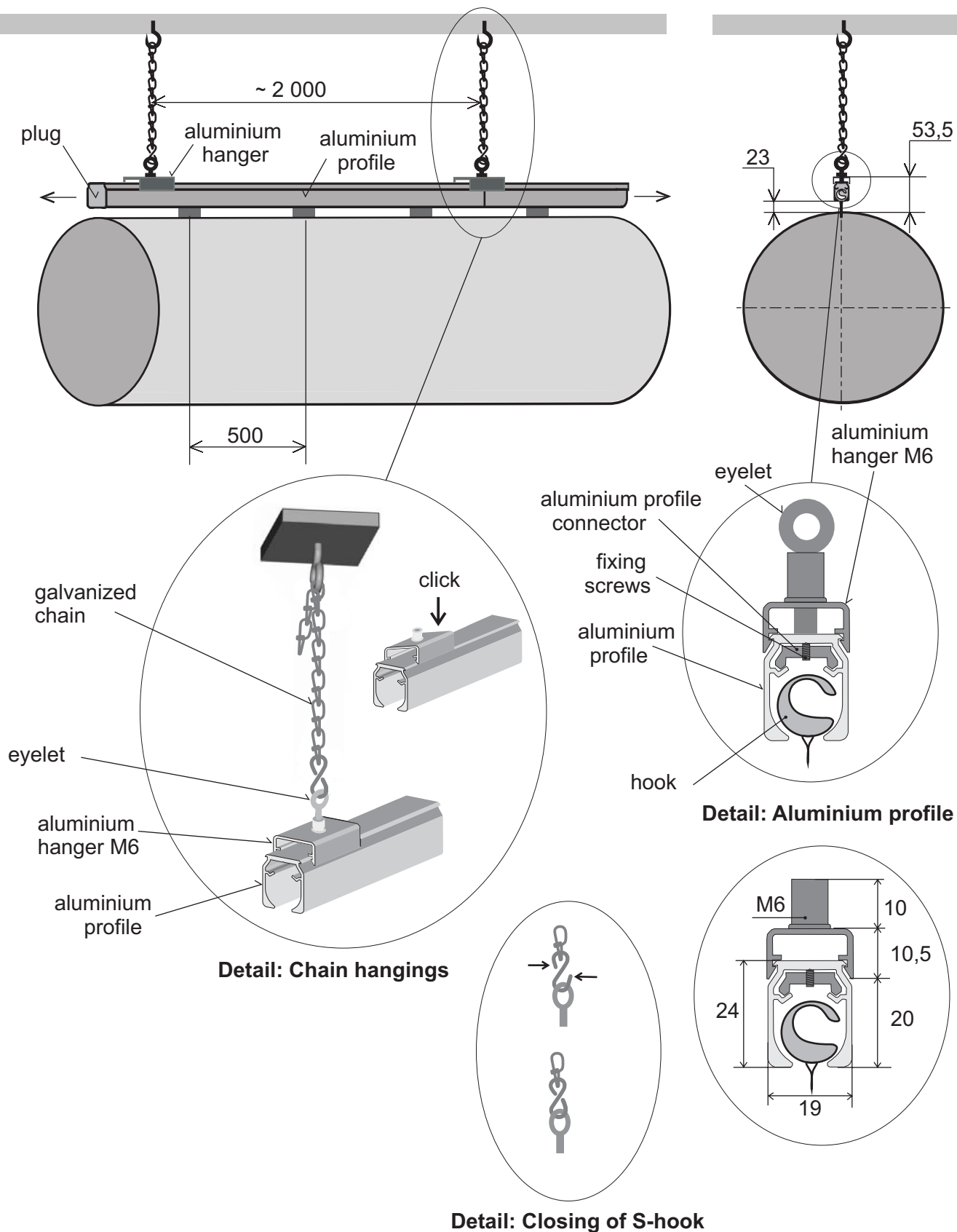
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

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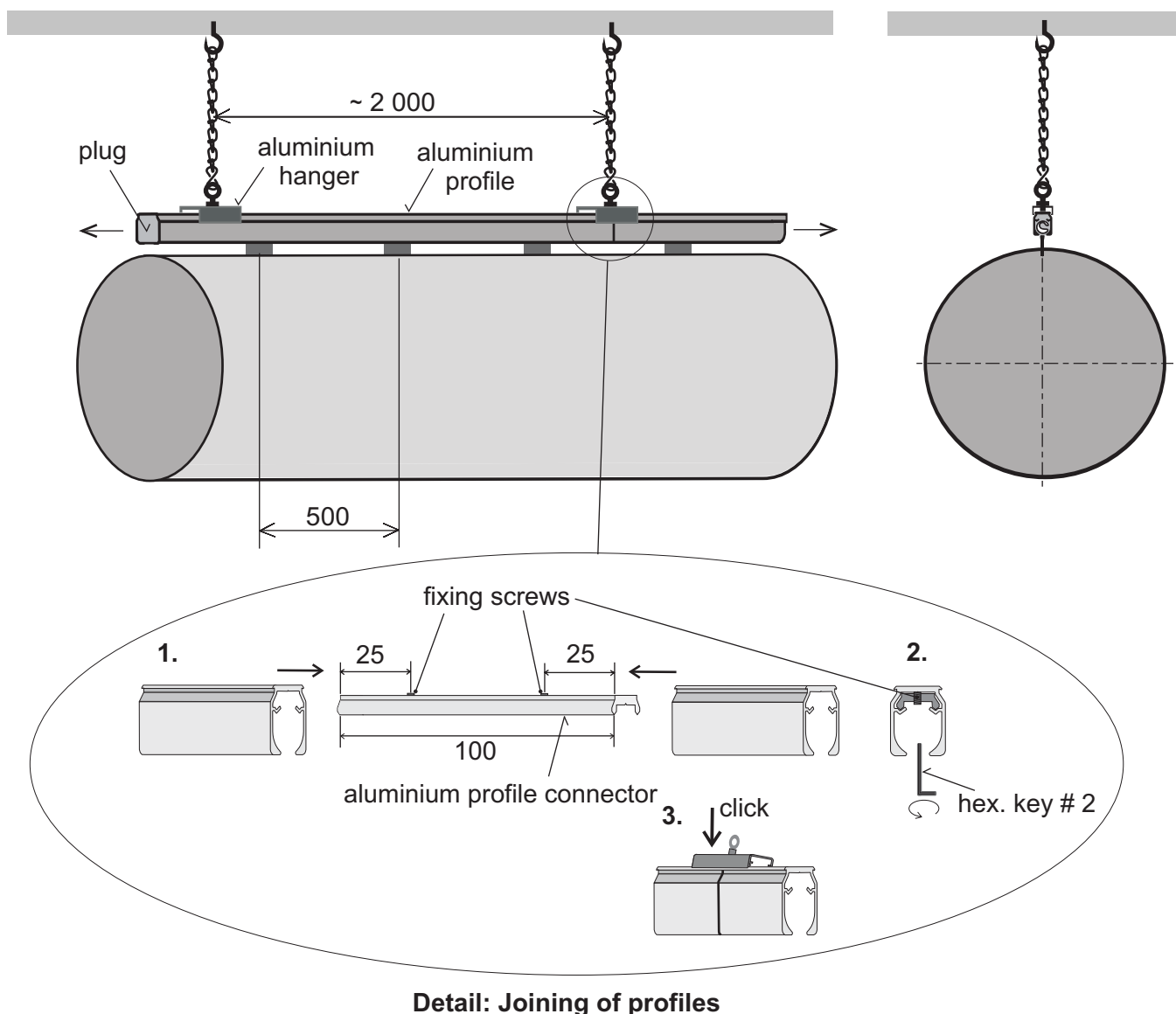
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5K

SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5K

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3. INSTALLATION

- 1. Lay-out of fastening points for chain hanging:** On the ceiling or other structure above diffuser mark the position of fastening points for chain hanging (see "Detail: Chain hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Preparation of aluminium hangers.** Screw the eyelets to the aluminium hangers.
- 3. Installation of chain hangers:** Hang one end of chain on prepared fastening point. Place S-hook to both bottom link of chain and eyelet of aluminium hanger; close S-hooks by wire pliers as per "Detail: Closing of S-hook". It is necessary to keep the same length of chain hangers for straightness of aluminium profile. The length of chain hanger is easy adjustable by hanging for another link of chain at fastening points.
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



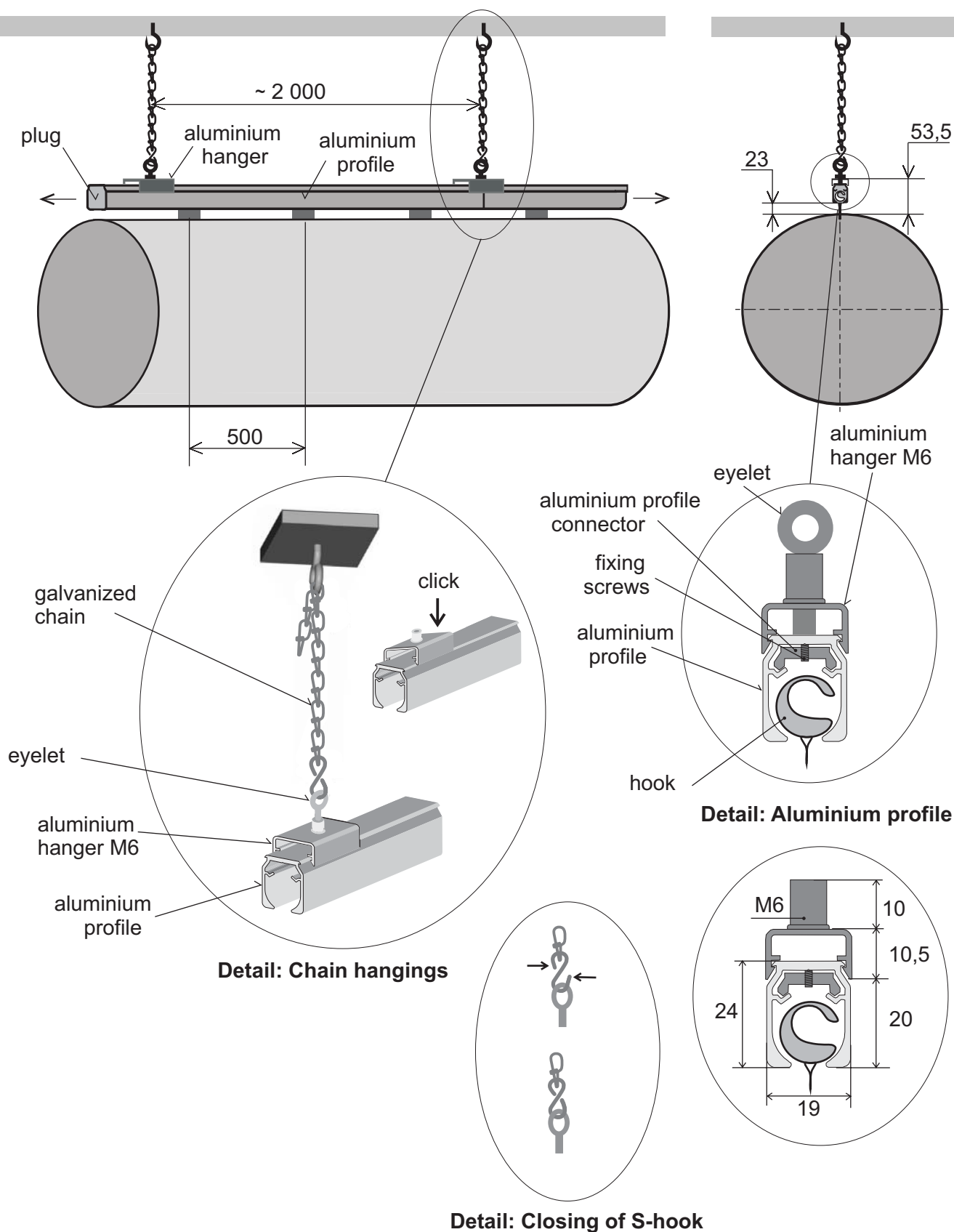
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5KL

SECTION **C**

3. INSTALLATION



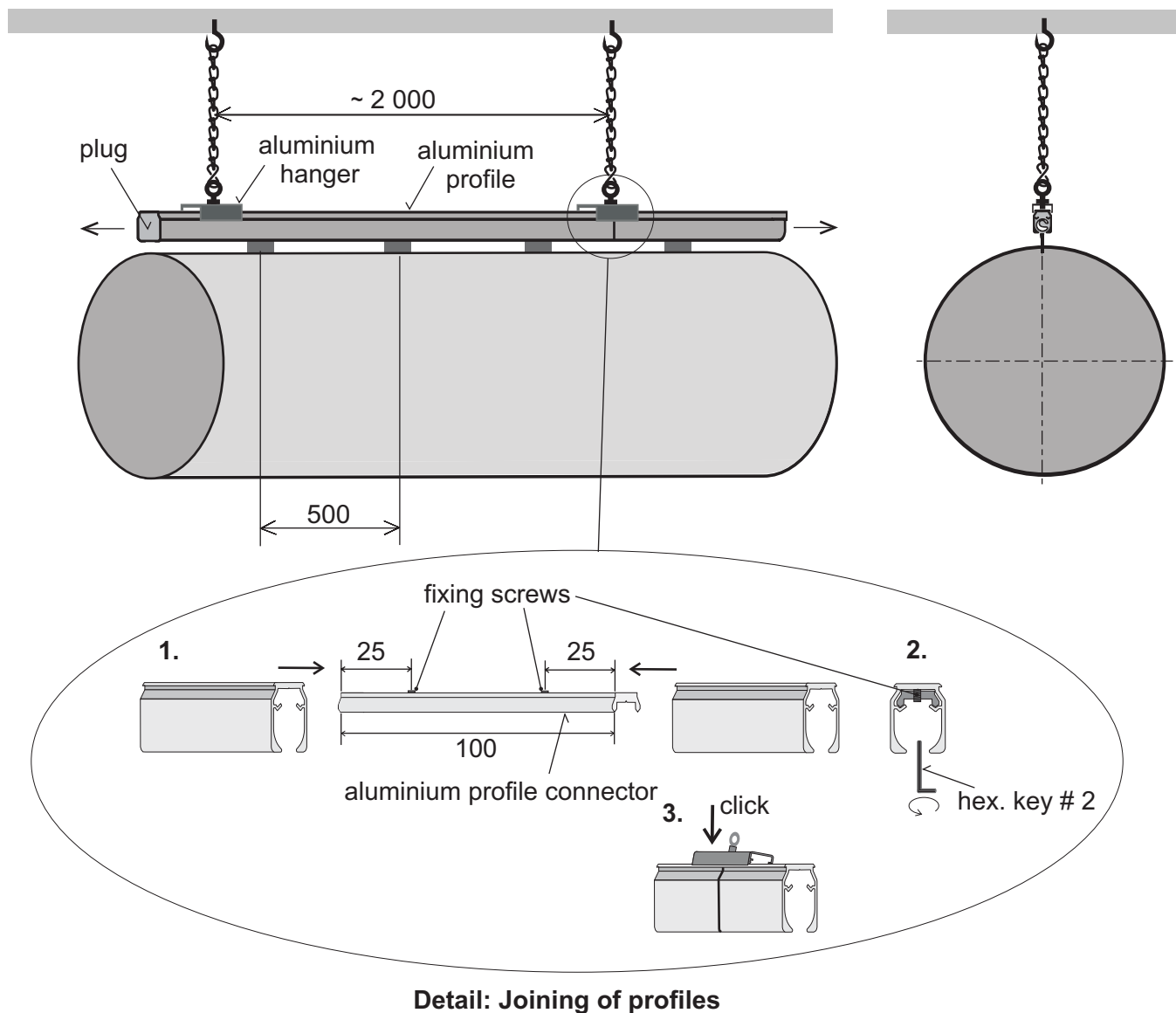
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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SECTION C

3. INSTALLATION



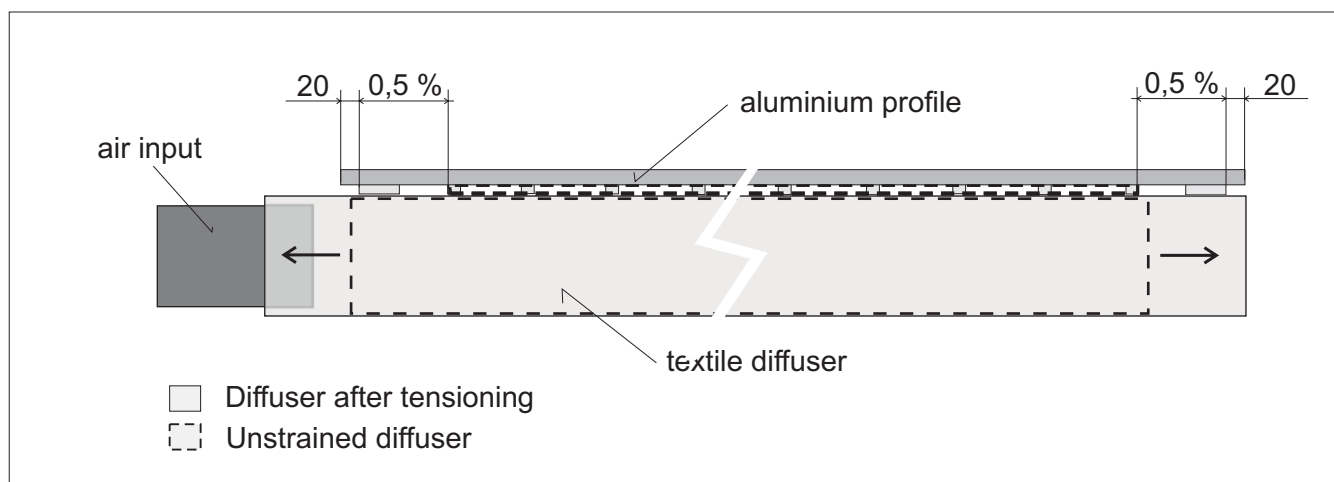
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3. INSTALLATION

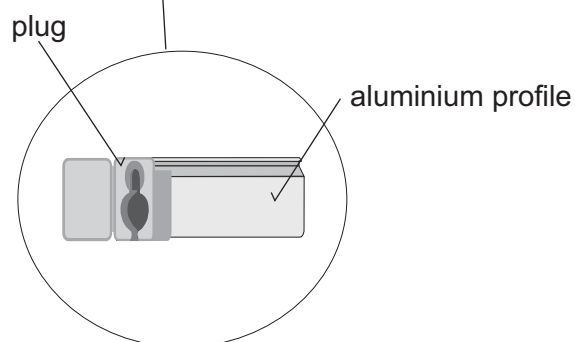
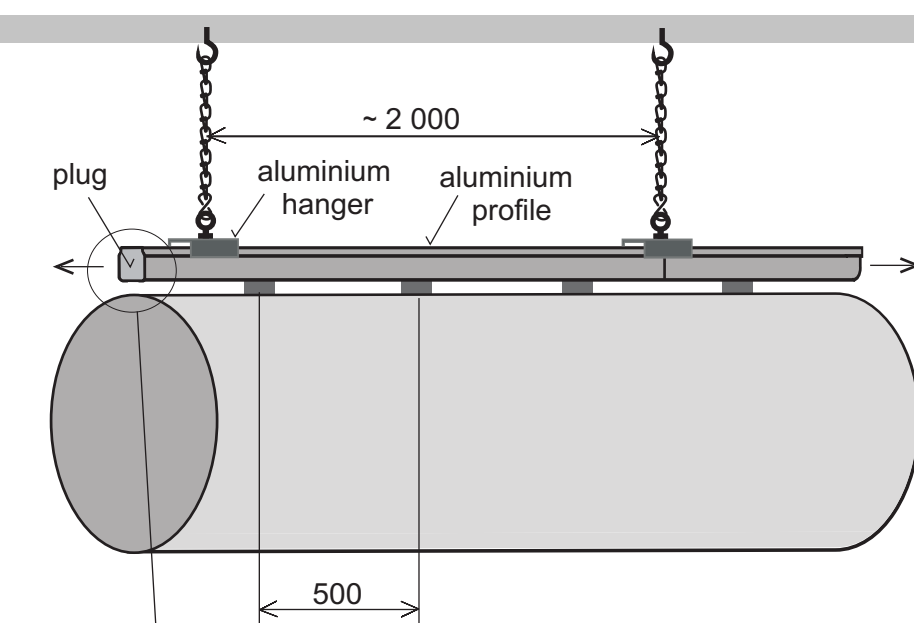
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SECTION C

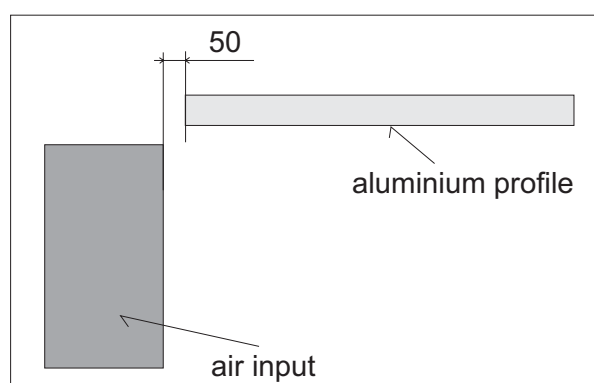
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

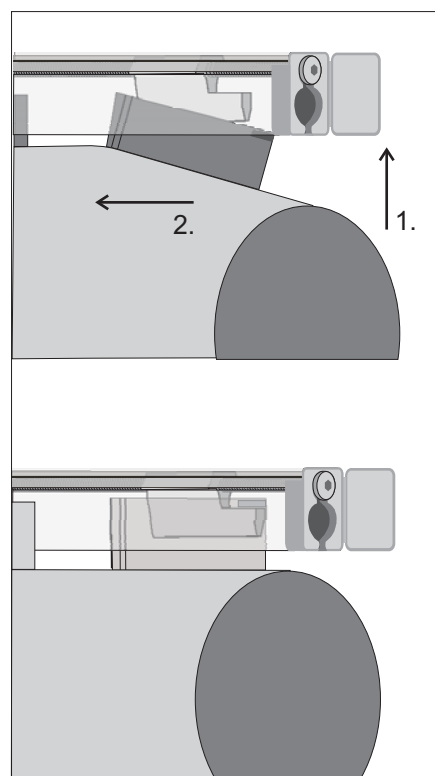
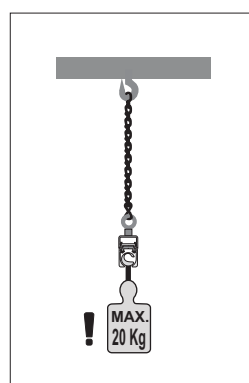
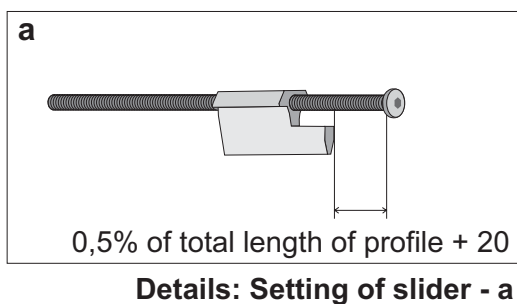
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

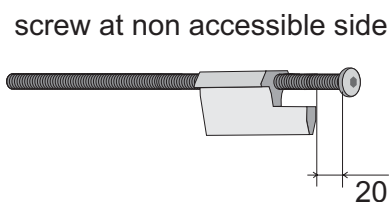
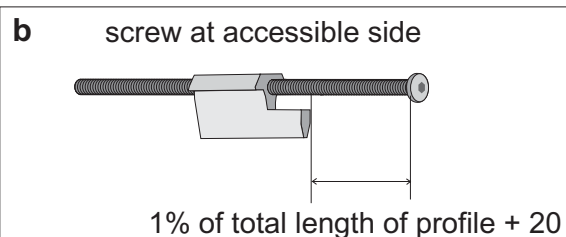
5KL

SECTION C

3. INSTALLATION



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5KL

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for chain hanging:** On the ceiling or other structure above diffuser mark the position of fastening points for chain hanging (see "Detail: Chain hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Preparation of aluminium hangers.** Screw the eyelets to the aluminium hangers.
- 3. Installation of chain hangers:** Hang one end of chain on prepared fastening point. Place S-hook to both bottom link of chain and eyelet of aluminium hanger; close S-hooks by wire pliers as per "Detail: Closing of S-hook". It is necessary to keep the same length of chain hangers for straightness of aluminium profile. The length of chain hanger is easily adjustable by hanging for another link of chain at fastening points.
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug"). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").
Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx. 0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug"). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx. 1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

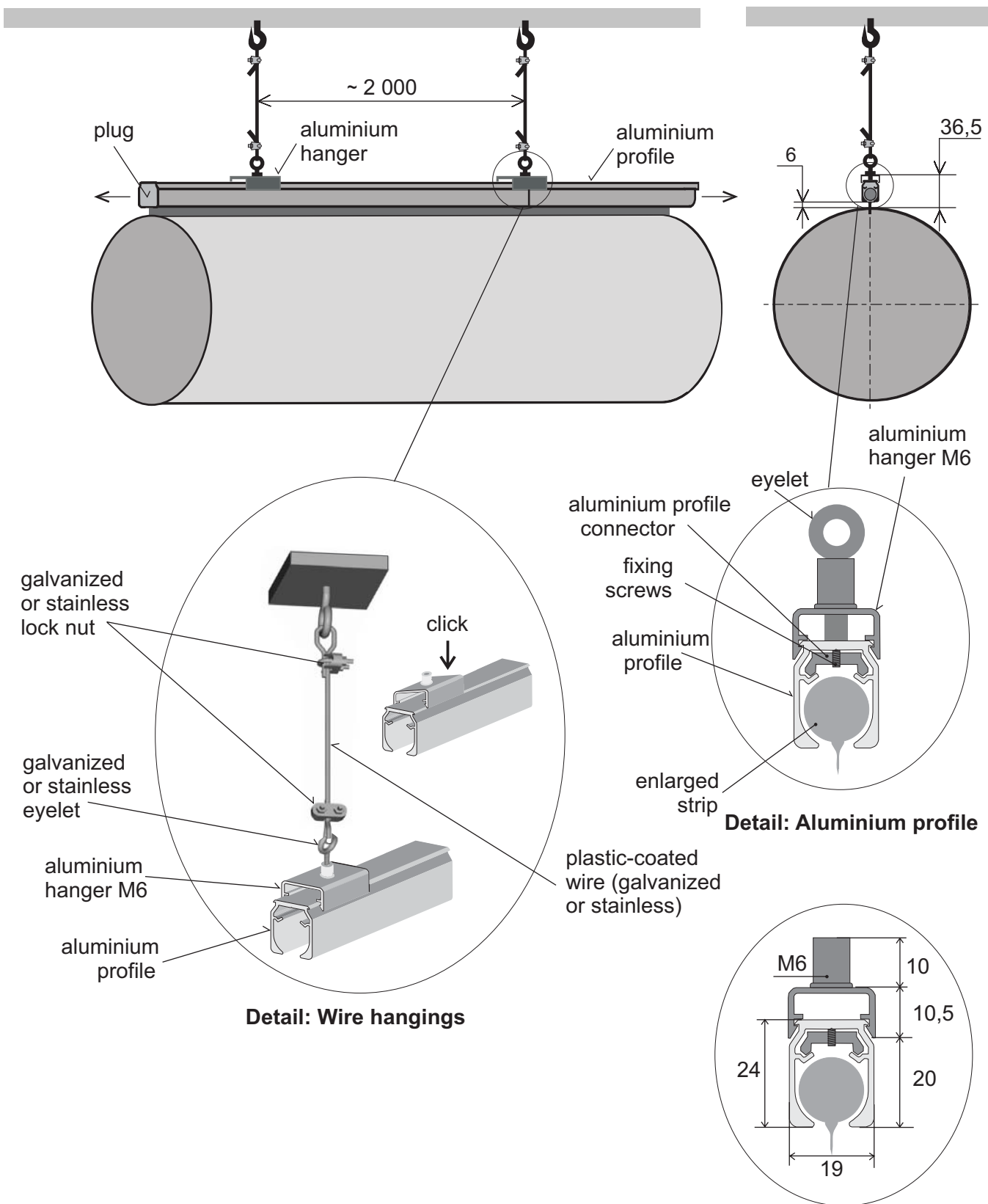
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SECTION C

3. INSTALLATION



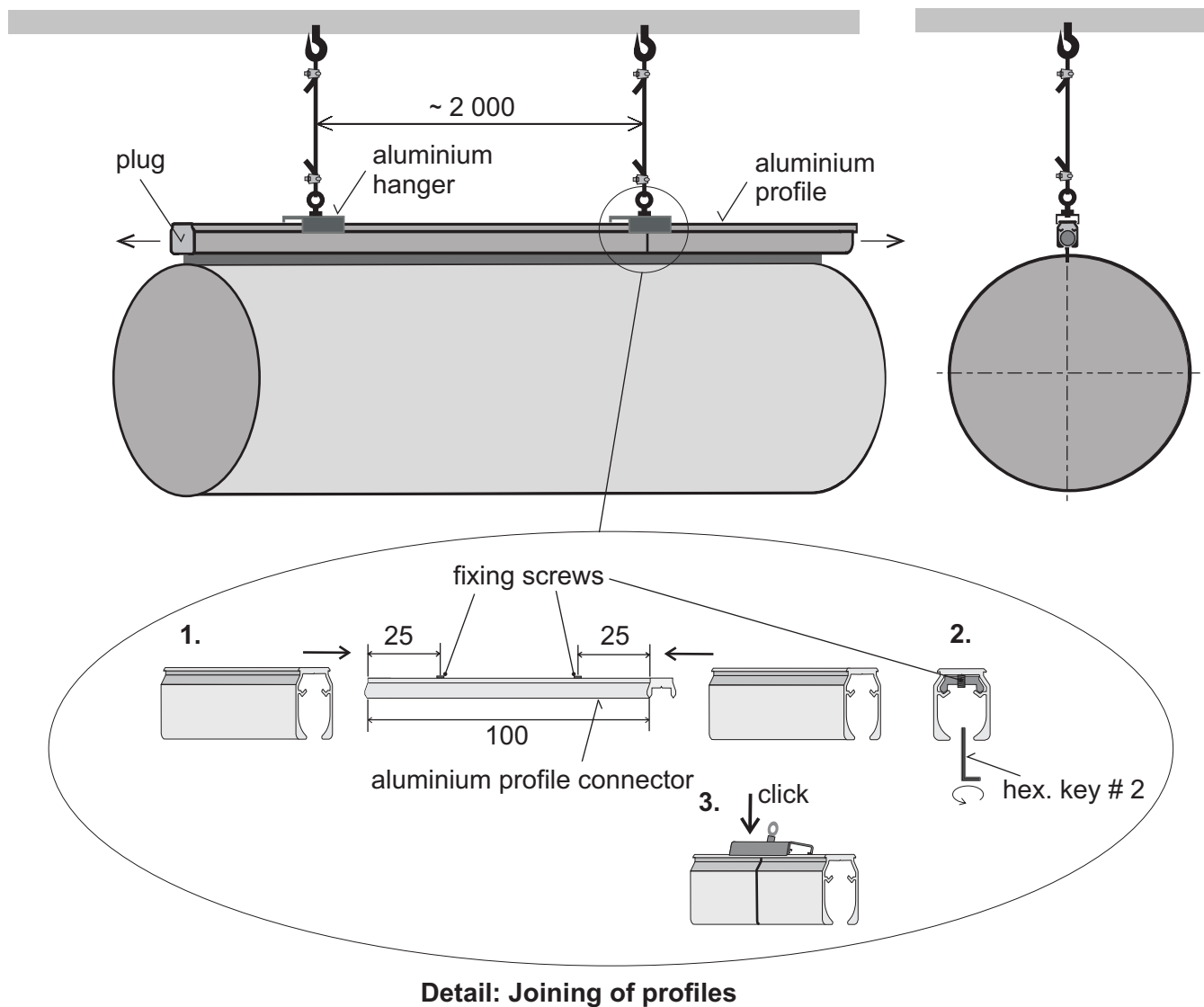
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5A **5AD** **5AF**

SECTION **C**

3. INSTALLATION



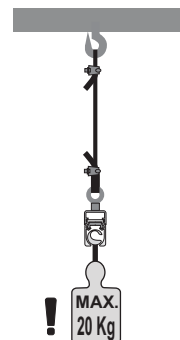
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5A**5AD****5AF**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



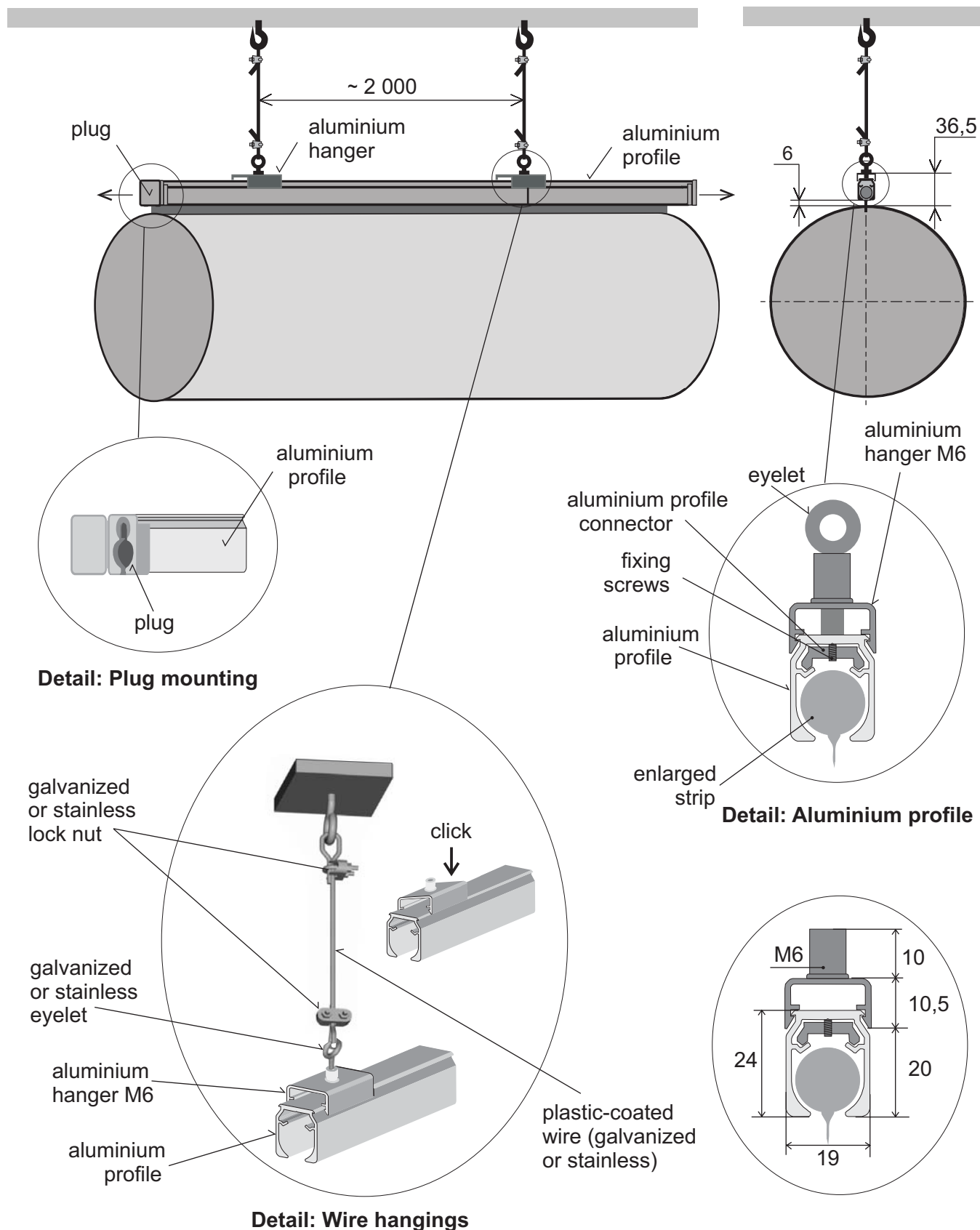
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AL 5ADL 5AFL

SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

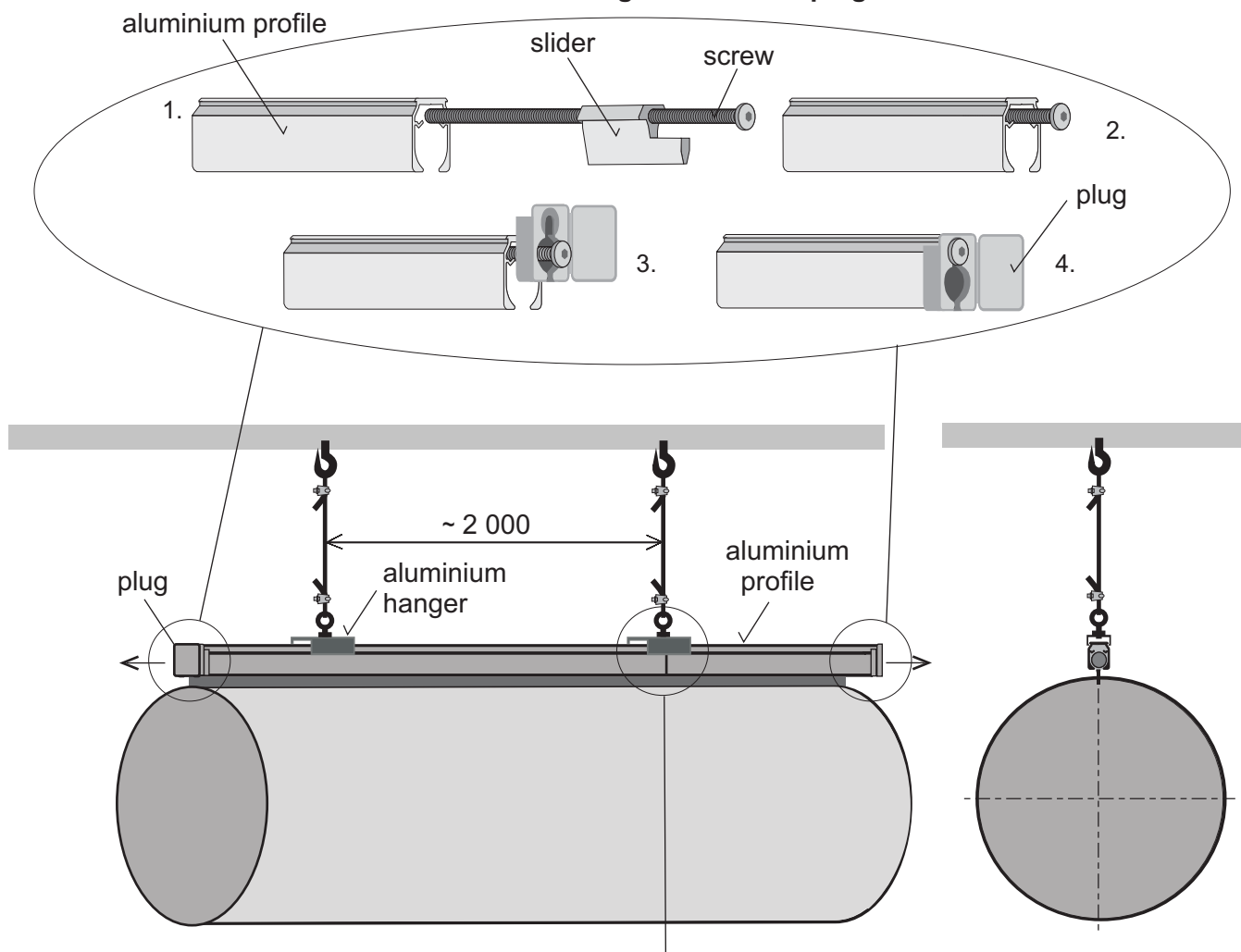
3. INSTALLATION

5AL 5ADL 5AFL

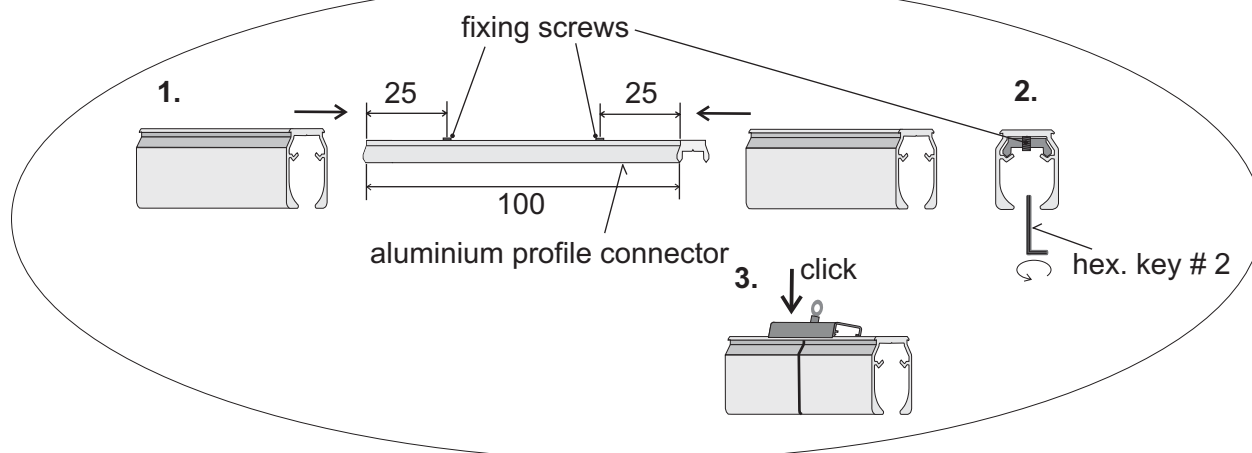
SECTION **C**

3. INSTALLATION

Details: Mounting of slider and plug



Detail: Joining of profiles



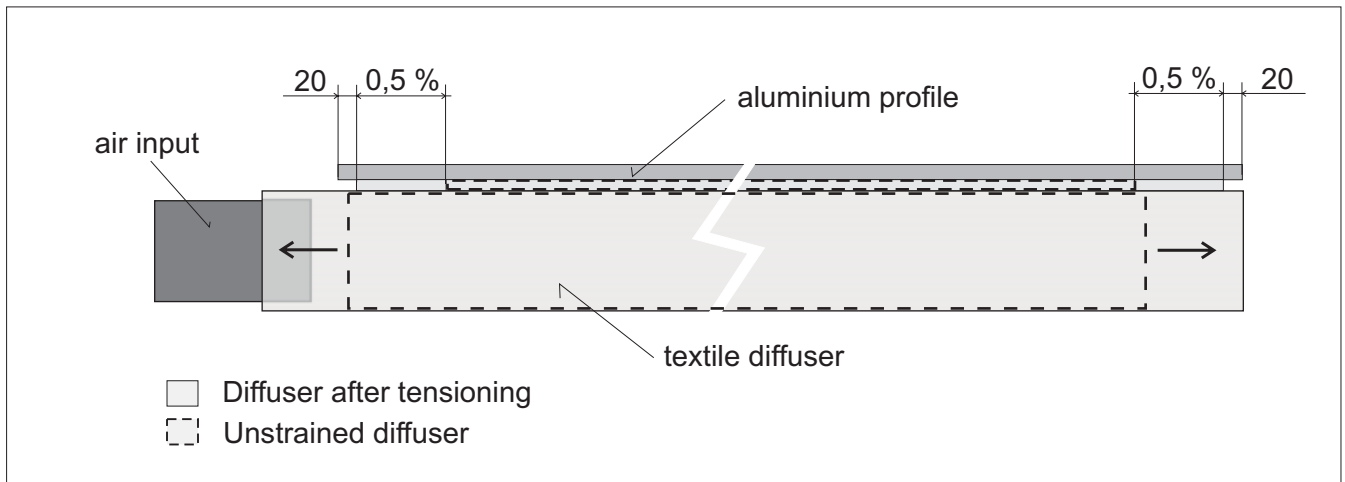
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

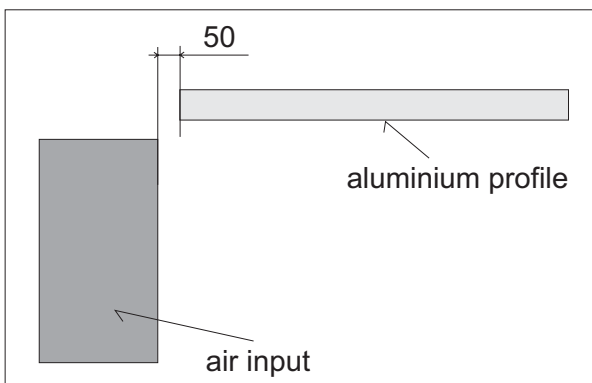
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SECTION **C**

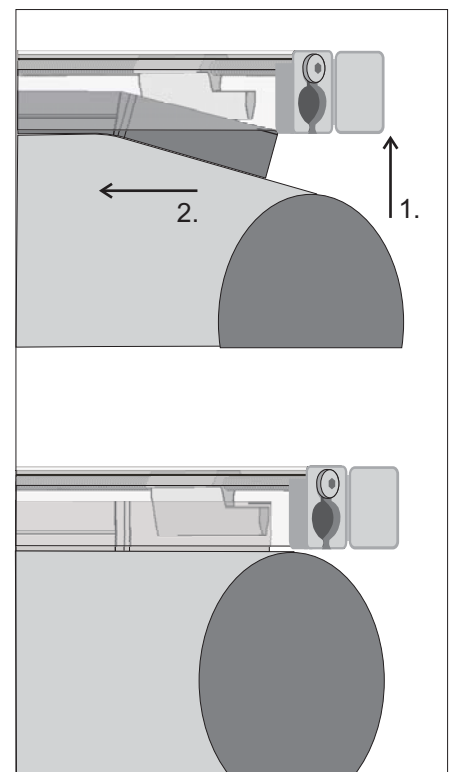
3. INSTALLATION



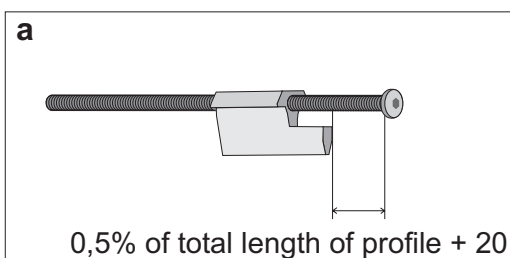
Concept of tensioning



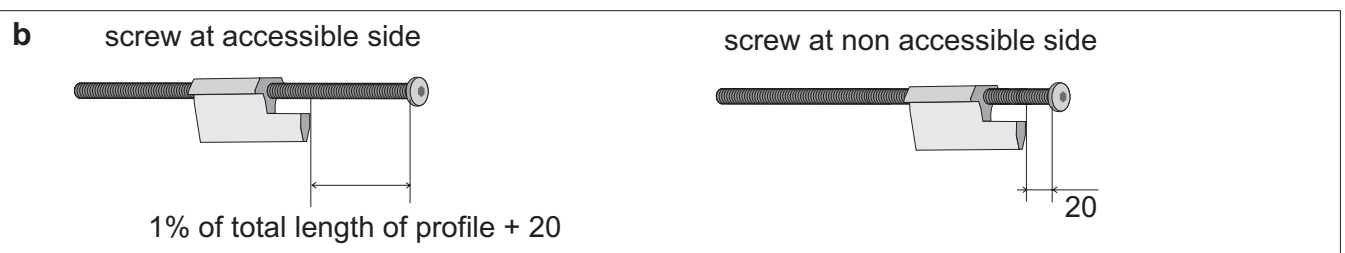
Detail: Position of profile's edge



Details: Fitting pocket with slider



Details: Setting of slider - a



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AL**5ADL****5AFL**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

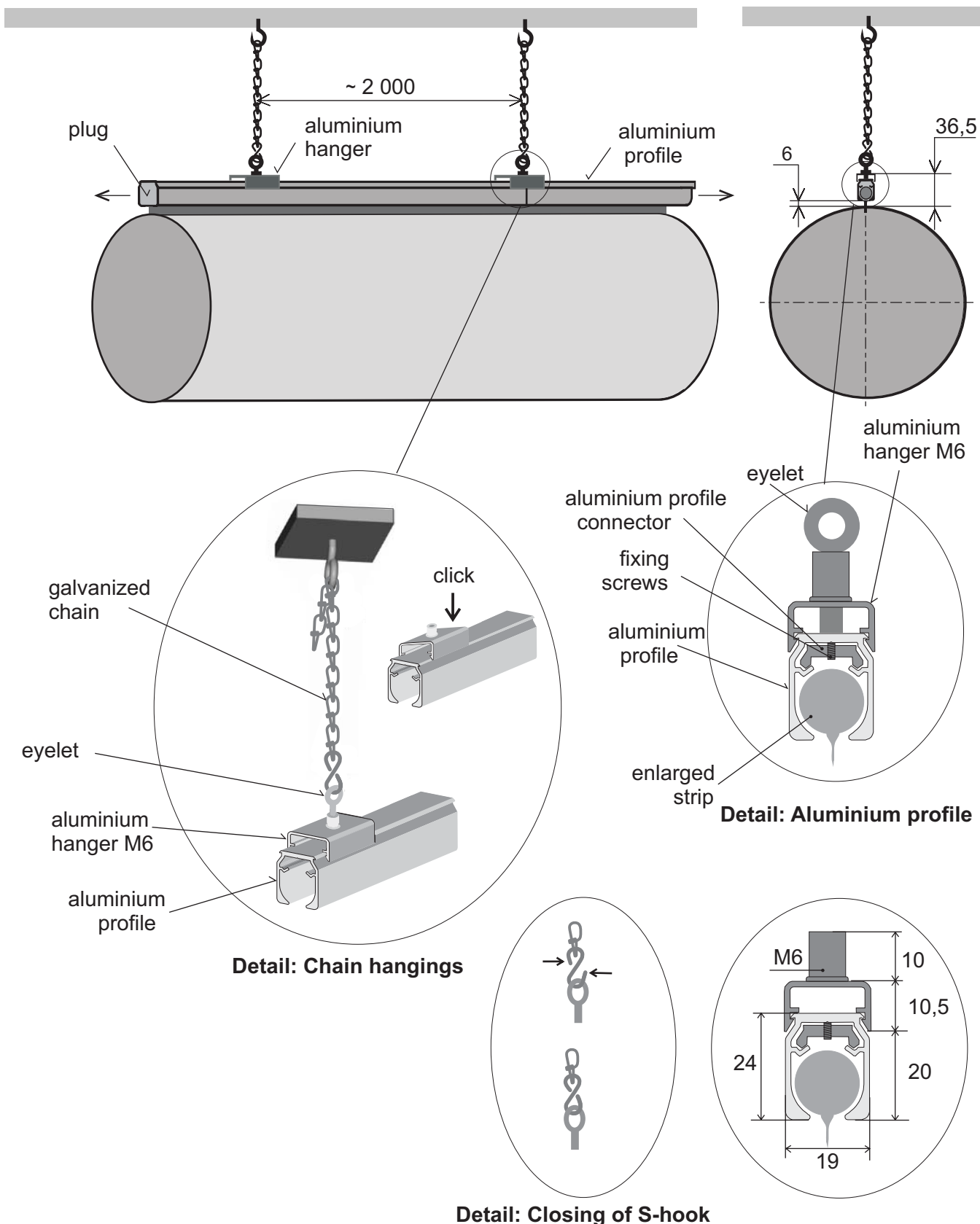
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AK

SECTION **C**

3. INSTALLATION



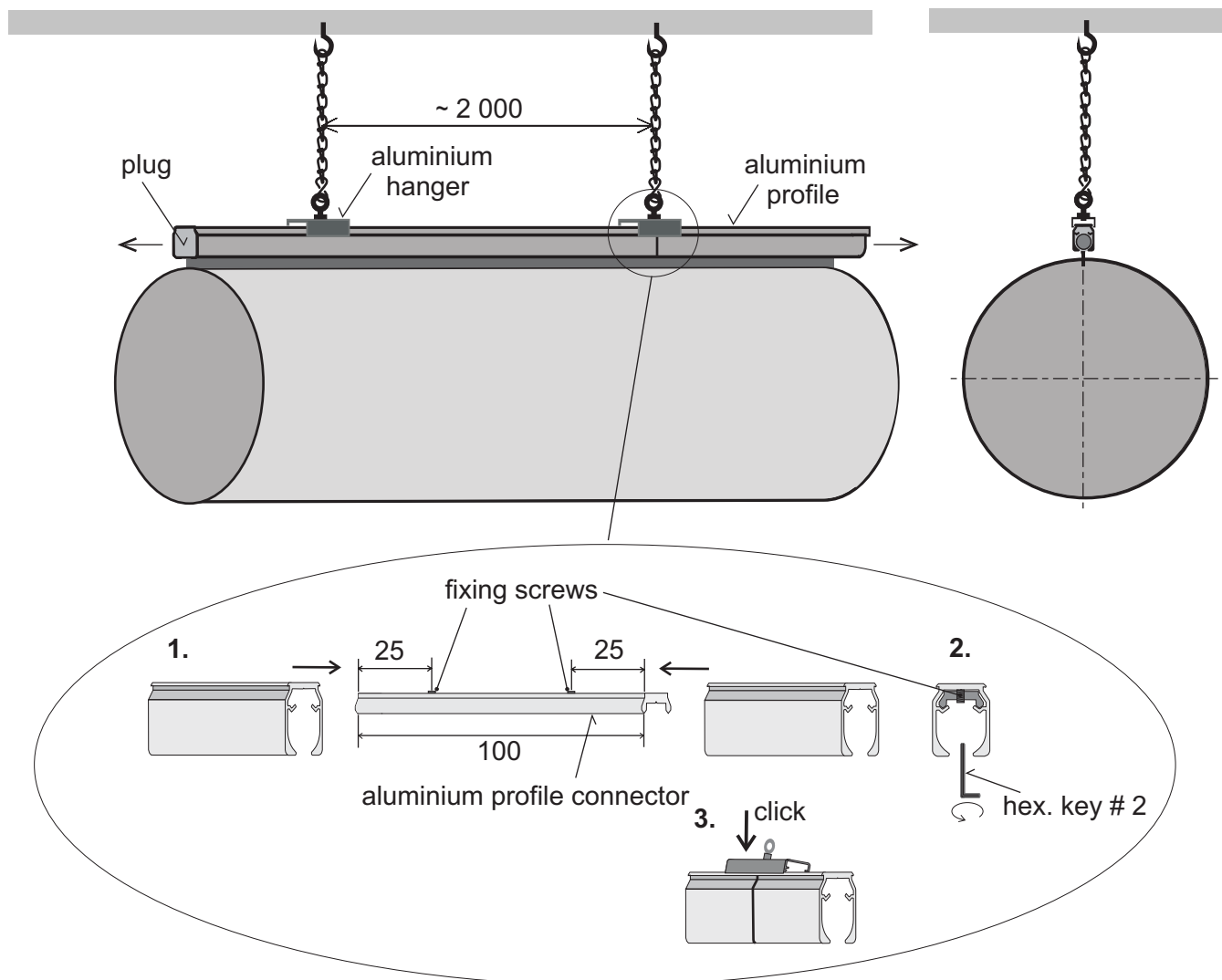
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AK

SECTION **C**

3. INSTALLATION



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AK

SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for chain hanging:** On the ceiling or other structure above diffuser mark the position of fastening points for chain hanging (see "Detail: Chain hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Preparation of aluminium hangers.** Screw the eyelets to the aluminium hangers.
- 3. Installation of chain hangers:** Hang one end of chain on prepared fastening point. Place S-hook to both bottom link of chain and eyelet of aluminium hanger; close S-hooks by wire pliers as per "Detail: Closing of S-hook". It is necessary to keep the same length of chain hangers for straightness of aluminium profile. The length of chain hanger is easy adjustable by hanging for another link of chain at fastening points.
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles as per detail "Installation of plug and end hook".
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



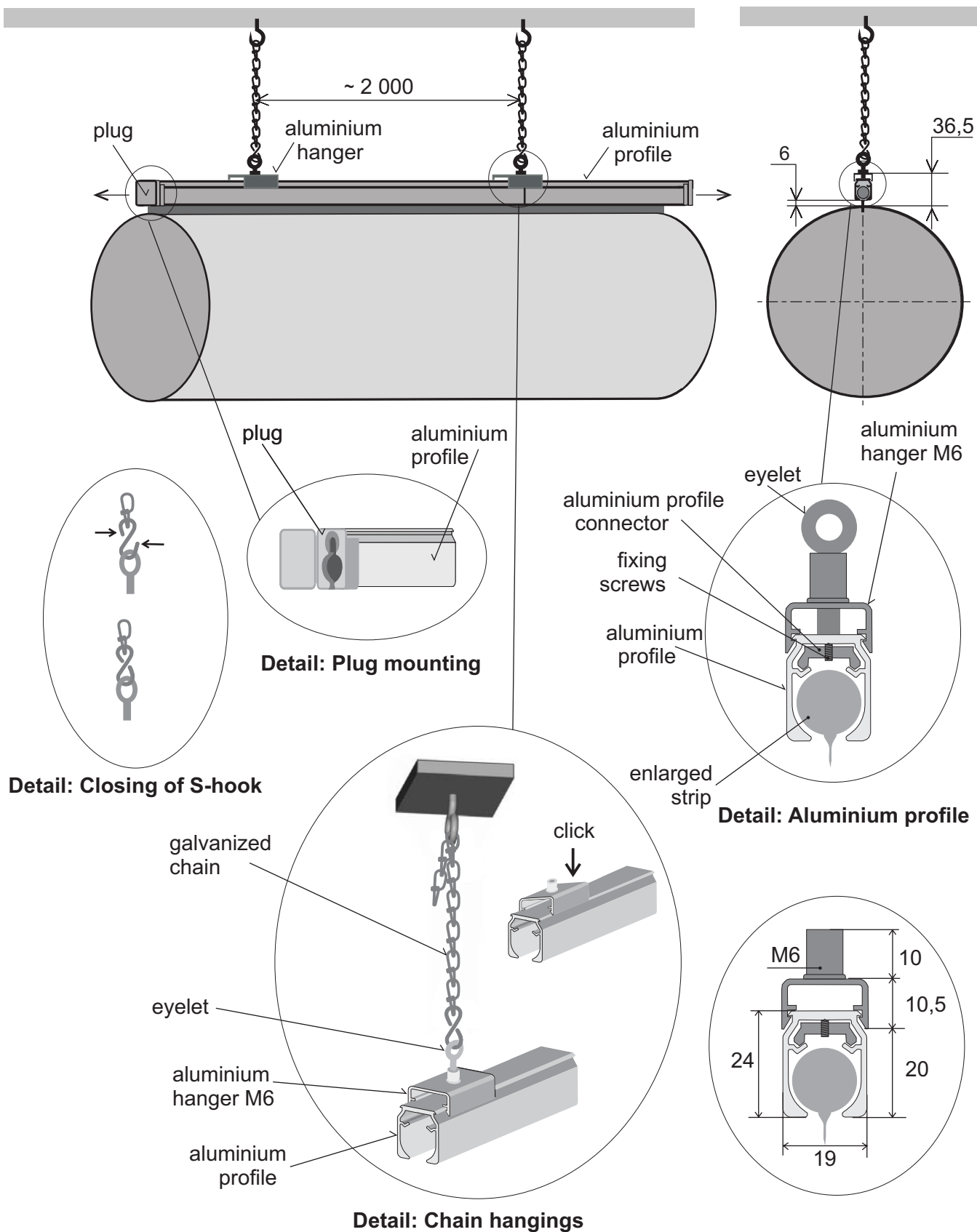
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5ALK

SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

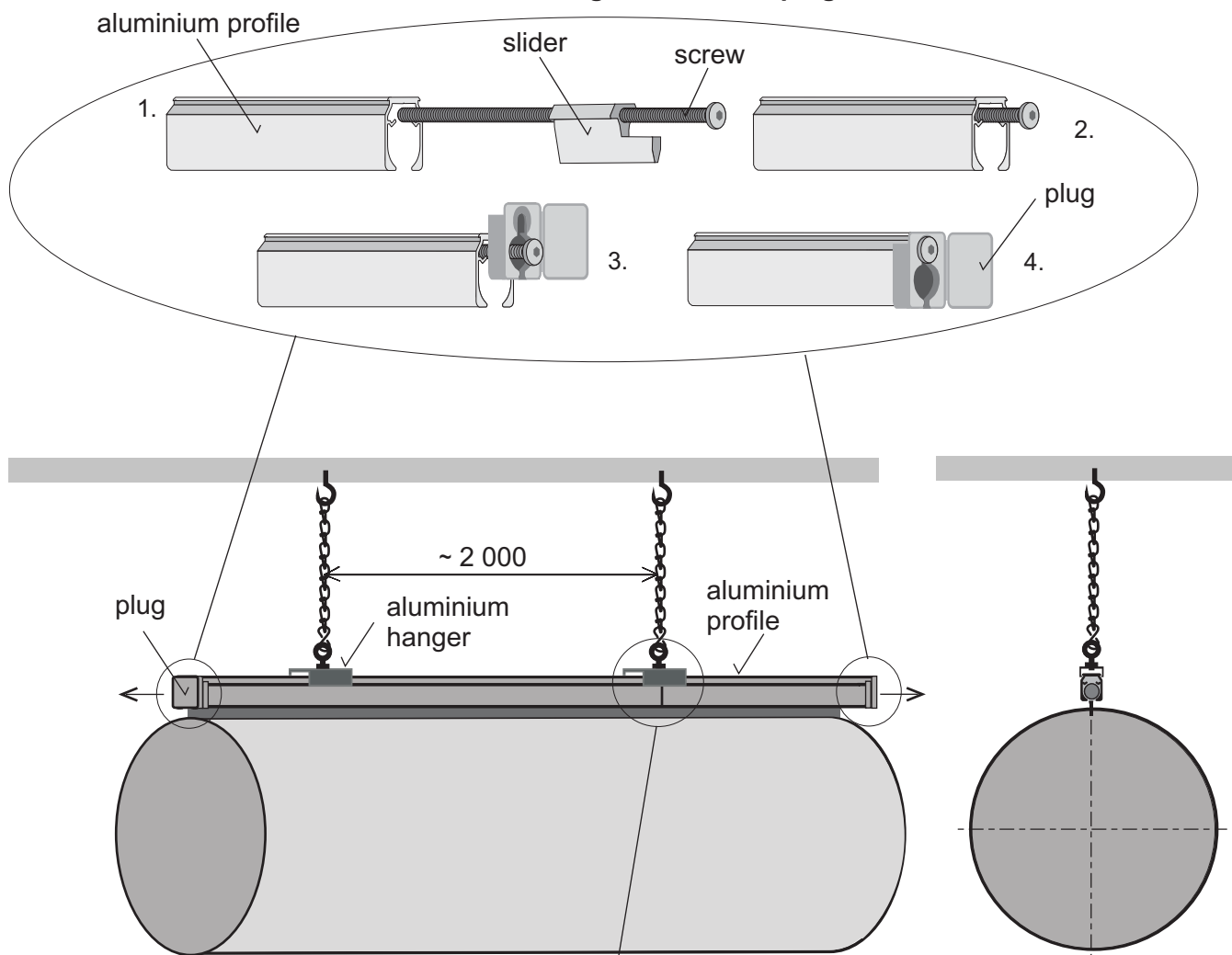
3. INSTALLATION

5ALK

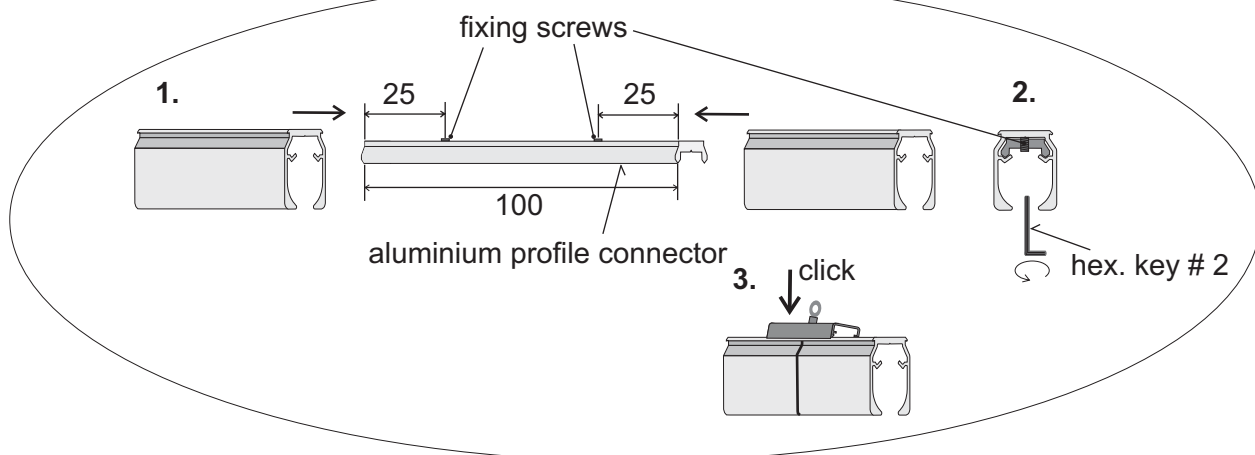
SECTION **C**

3. INSTALLATION

Details: Mounting of slider and plug



Detail: Joining of profiles



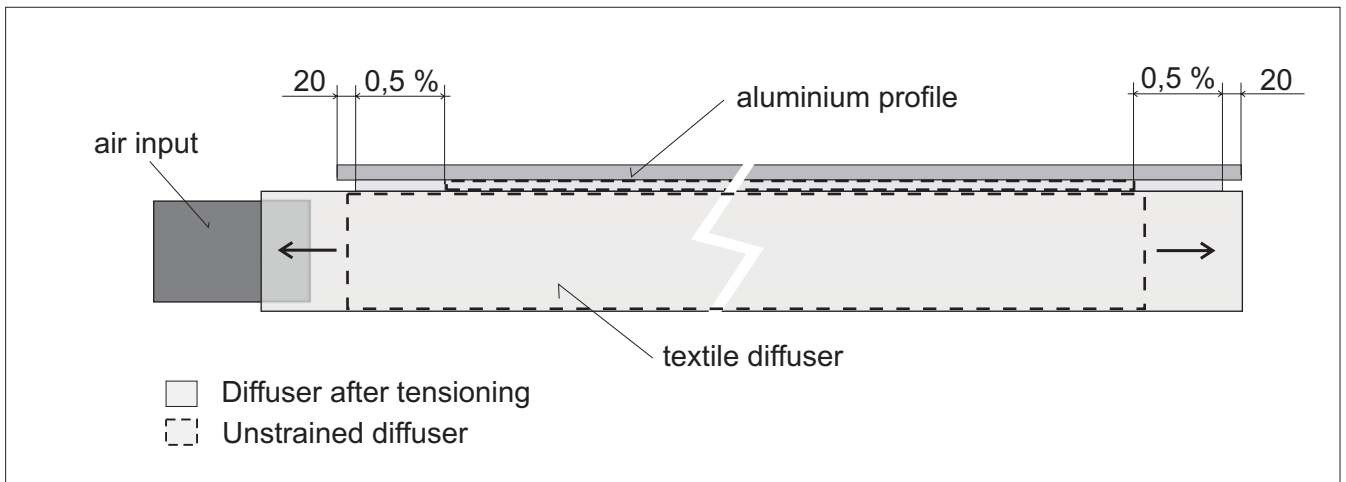
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

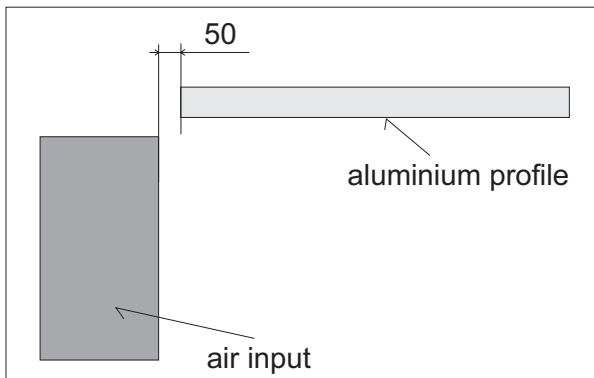
5ALK

SECTION **C**

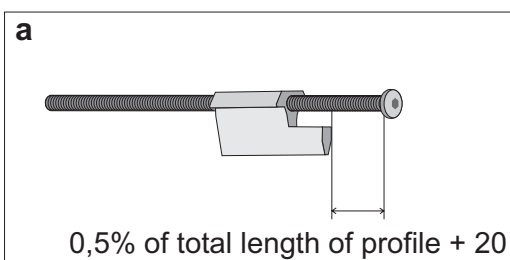
3. INSTALLATION



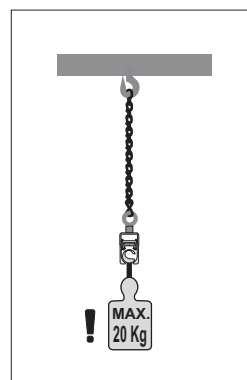
Concept of tensioning



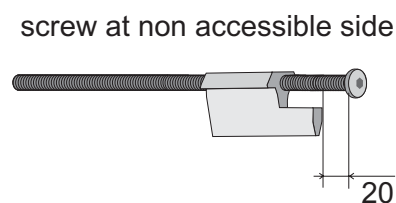
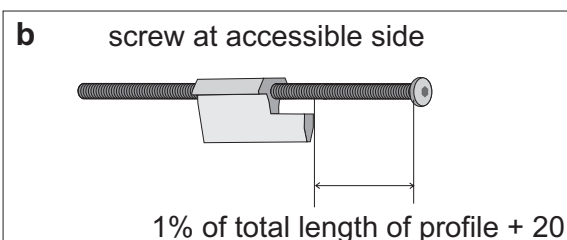
Detail: Position of profile's edge



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5ALK

SECTION C

- 1. Lay-out of fastening points for chain hanging:** On the ceiling or other structure above diffuser mark the position of fastening points for chain hanging (see "Detail: Chain hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Preparation of aluminium hangers.** Screw the eyelets to the aluminium hangers.
- 3. Installation of chain hangers:** Hang one end of chain on prepared fastening point. Place S-hook to both bottom link of chain and eyelet of aluminium hanger; close S-hooks by wire pliers as per "Detail: Closing of S-hook". It is necessary to keep the same length of chain hangers for straightness of aluminium profile. The length of chain hanger is easy adjustable by hanging for another link of chain at fastening points.
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

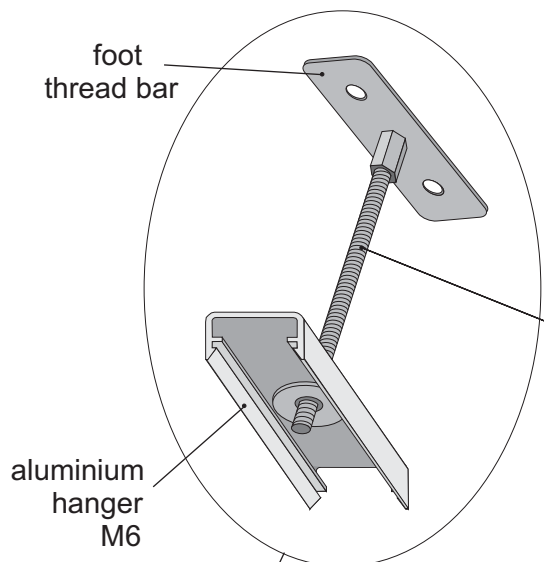
3. INSTALLATION

5E

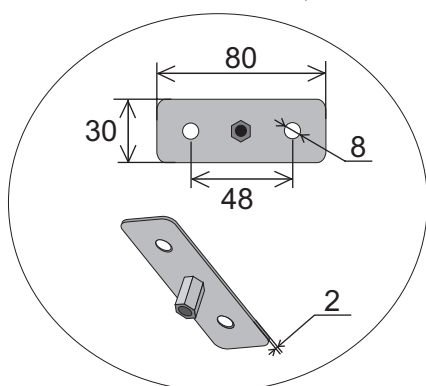
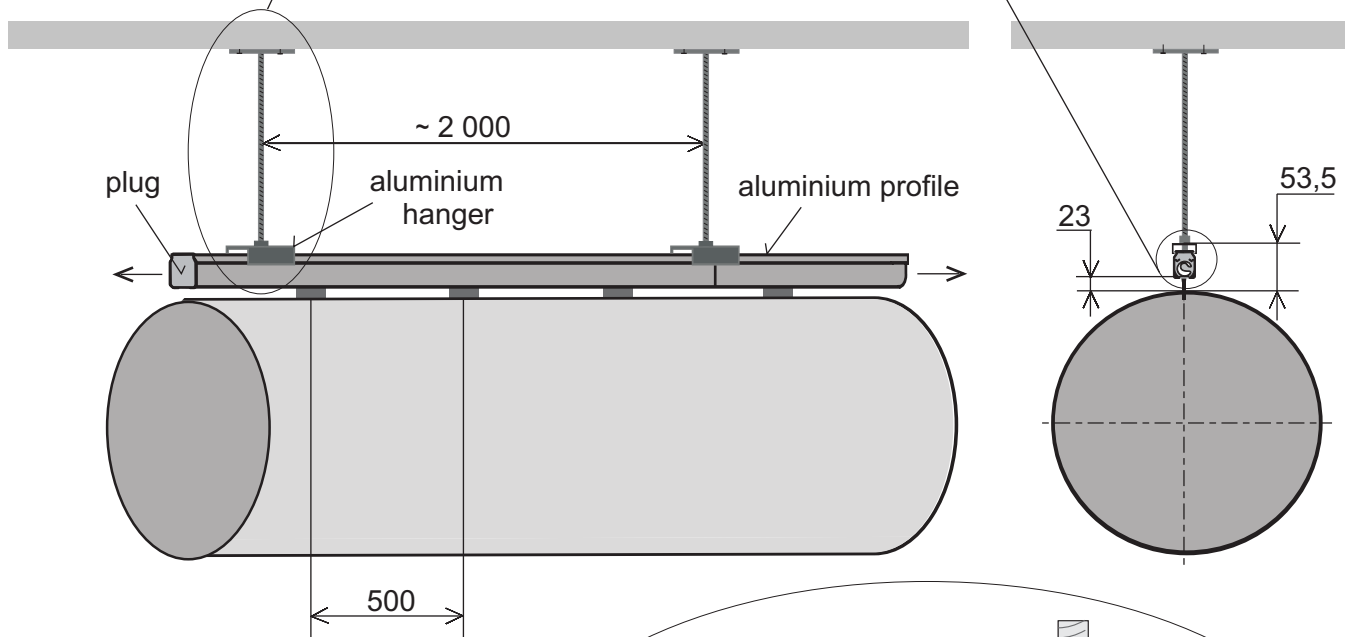
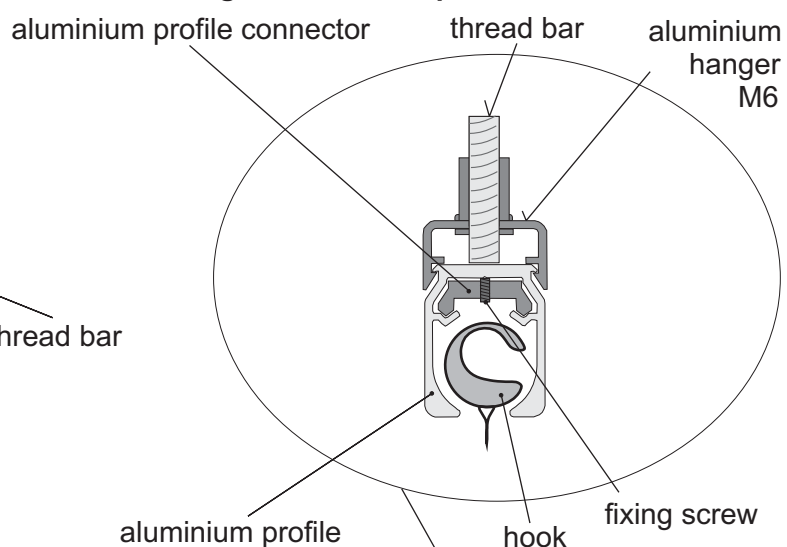
SECTION C

3. INSTALLATION

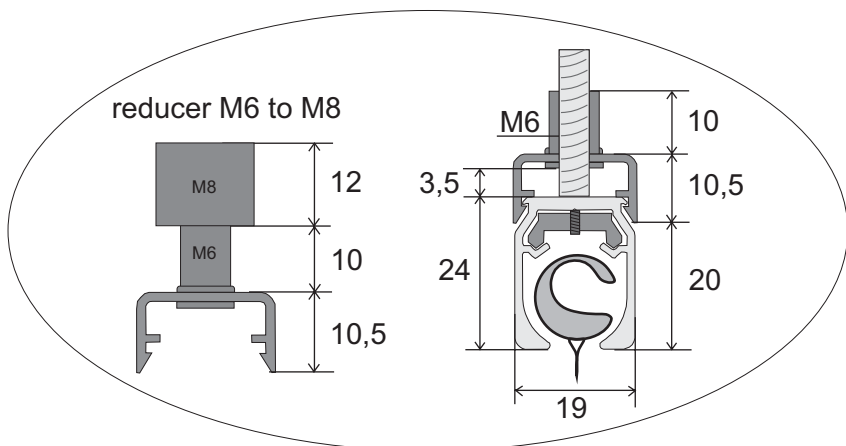
Detail: Thread bar hangings



Detail: Mounting of aluminium profiles to the thread bar



Detail: Foot thread bar



Detail: Aluminium profile on thread bar

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5E

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles as per detail "Installation of plug and end hook".
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

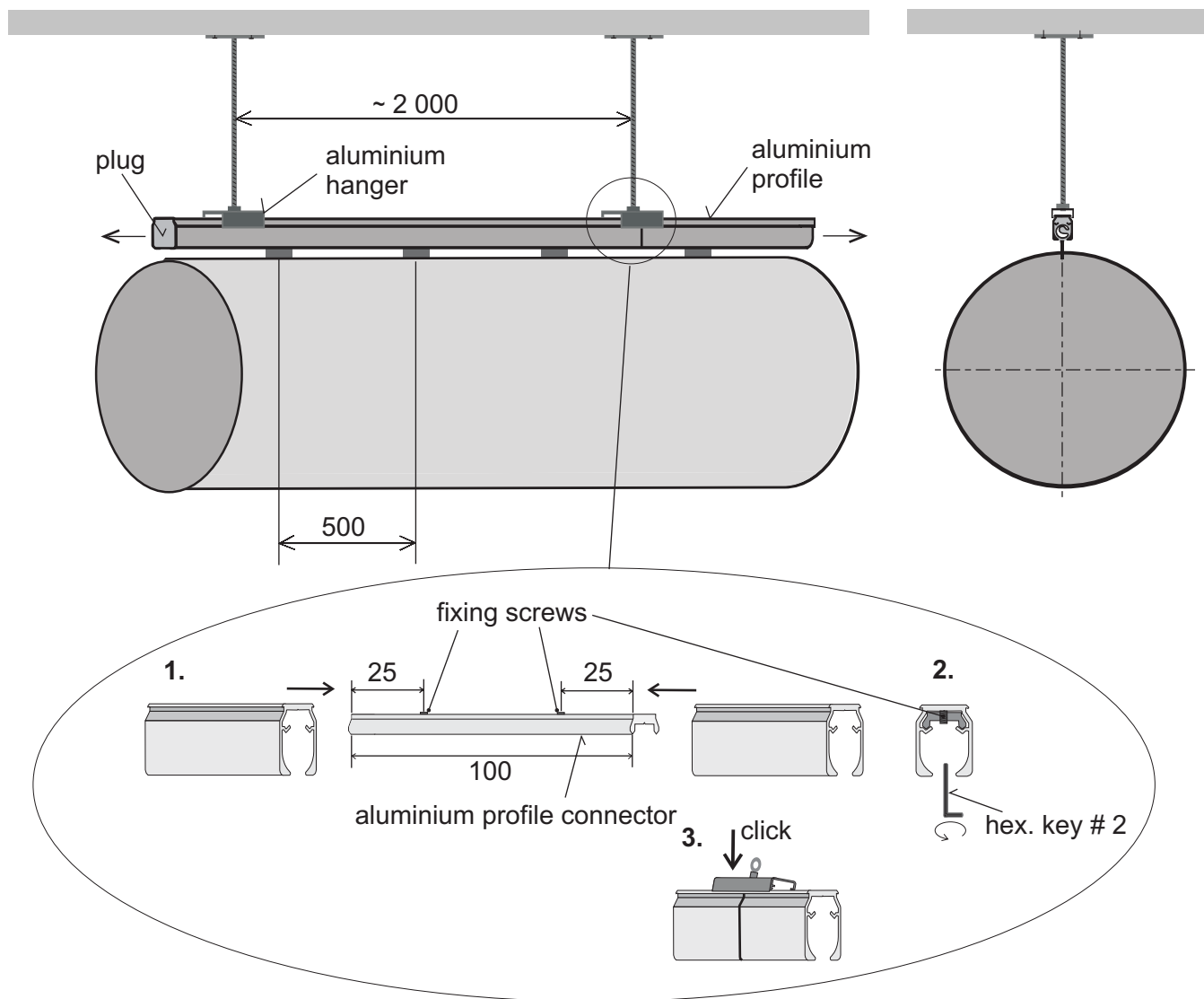
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5E

SECTION C

3. INSTALLATION



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

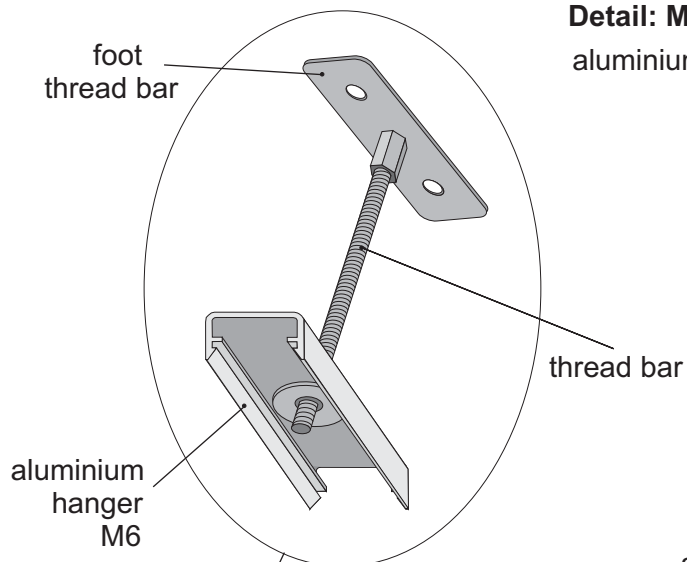
3. INSTALLATION

5EL

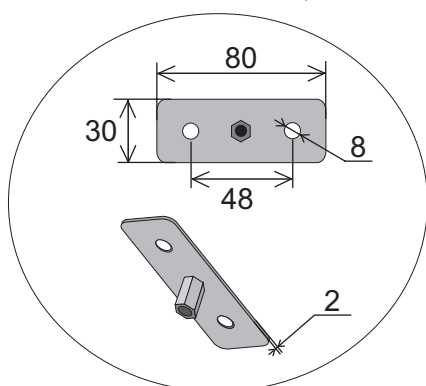
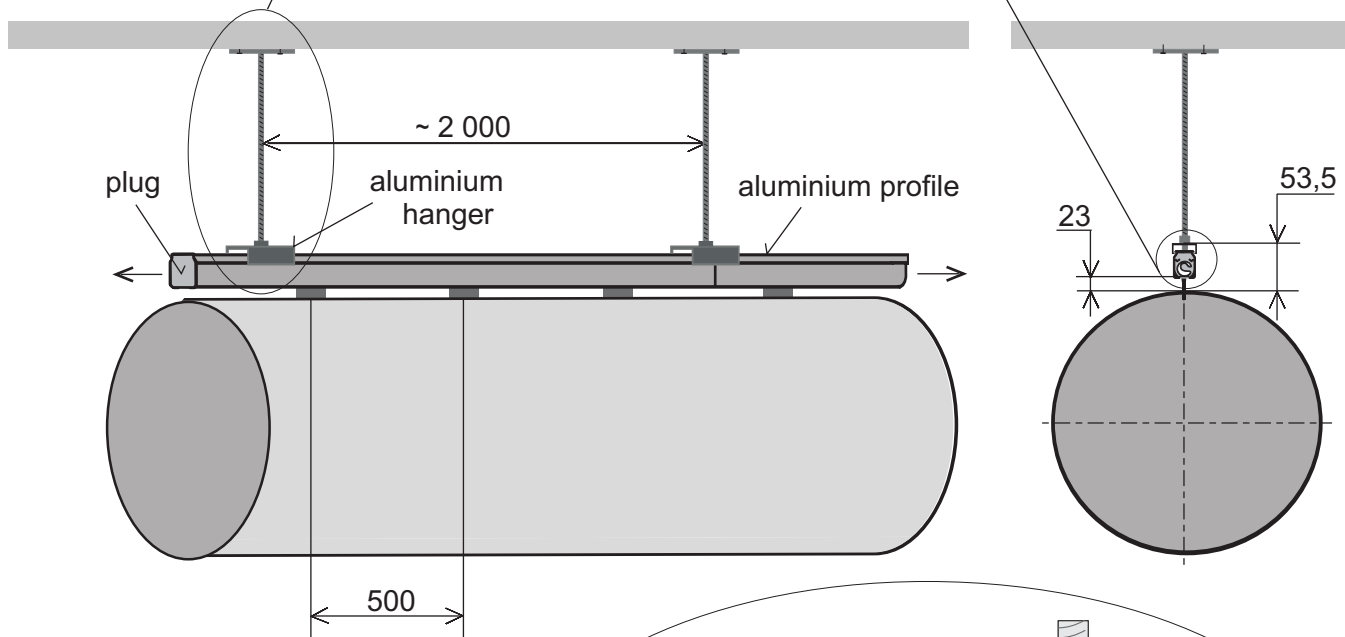
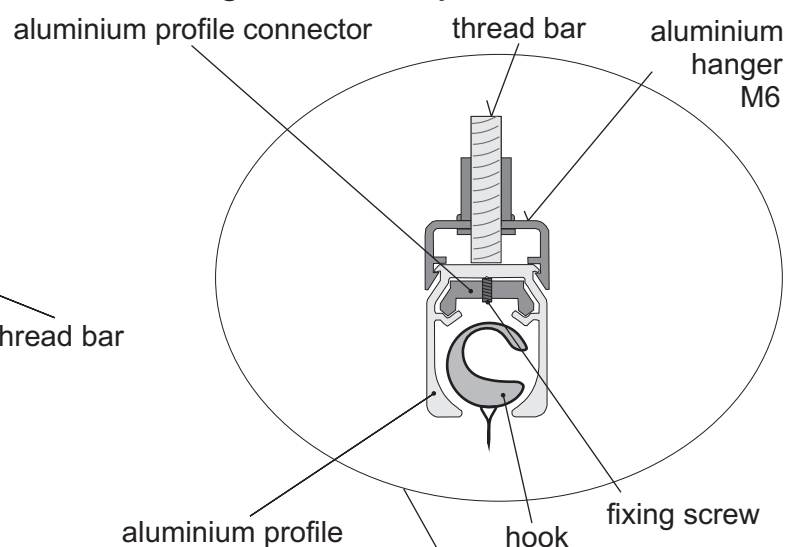
SECTION C

3. INSTALLATION

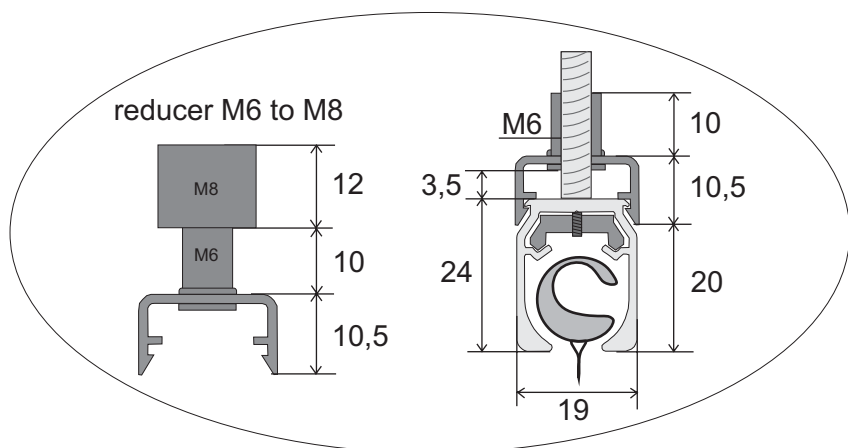
Detail: Thread bar hangings



Detail: Mounting of aluminium profiles to the thread bar



Detail: Foot thread bar



Detail: Aluminium profile on thread bar

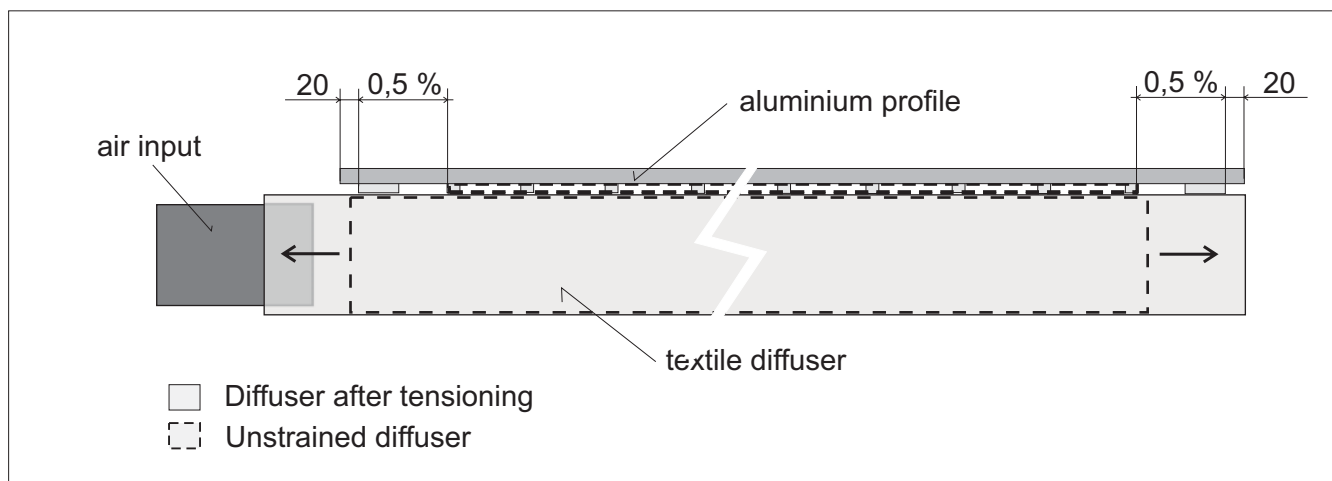
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

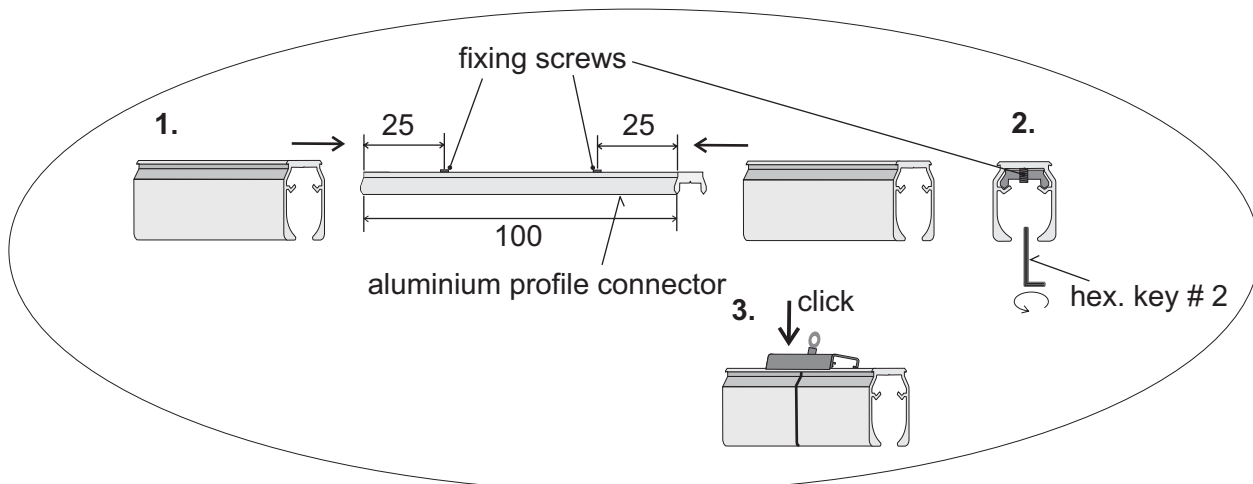
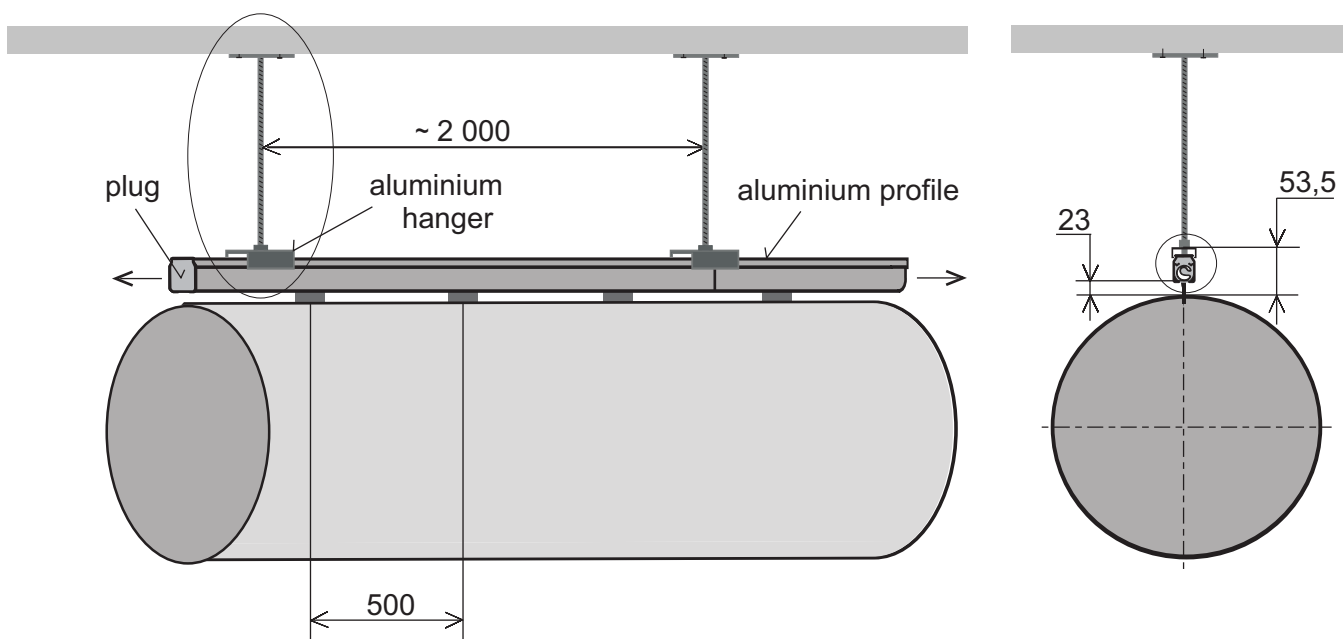
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SECTION C

3. INSTALLATION



Concept of tensioning



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

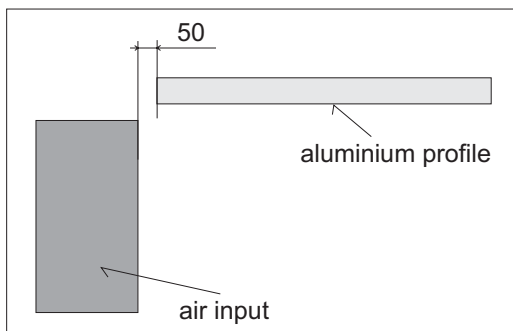
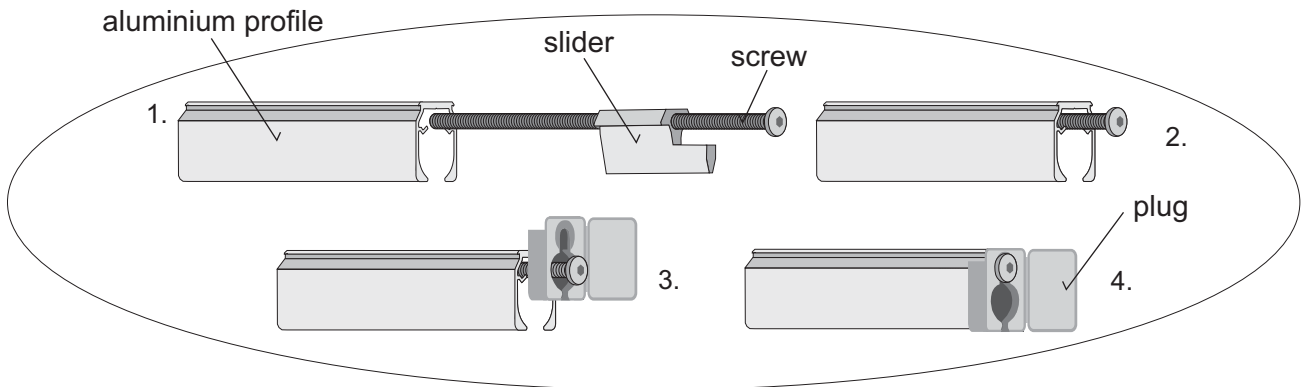
3. INSTALLATION

5EL

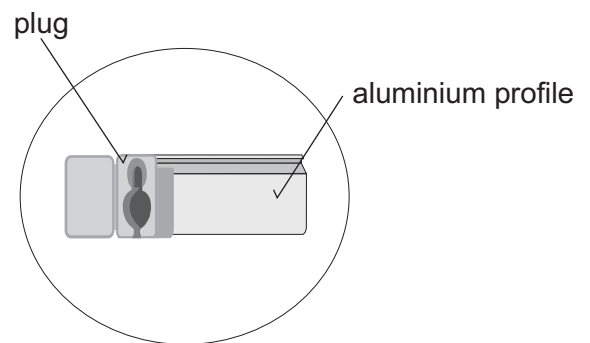
SECTION **C**

3. INSTALLATION

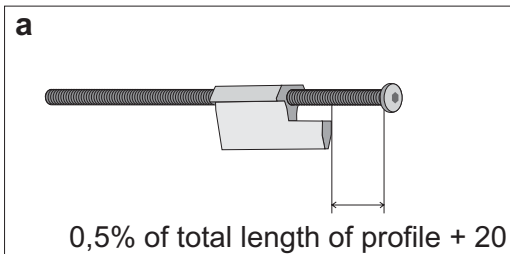
Details: Mounting of slider and plug



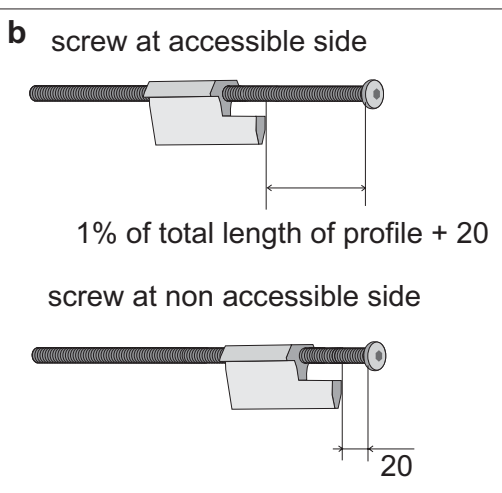
Detail: Position of profile's edge



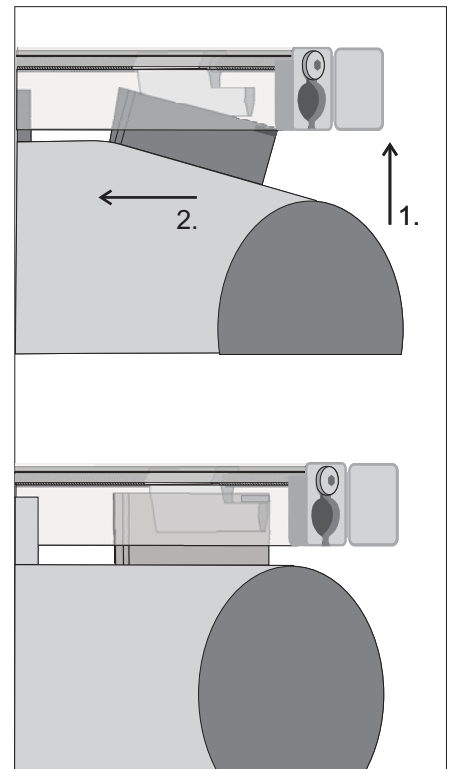
Detail: Plug mounting



Details: Setting of slider - a



Details: Setting of slider - b



Details: Fitting pocket with slider

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5EL

SECTION C

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a" , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").
Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

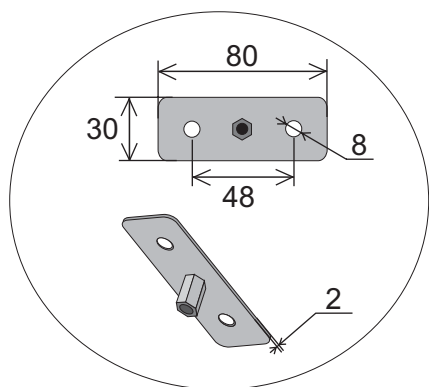
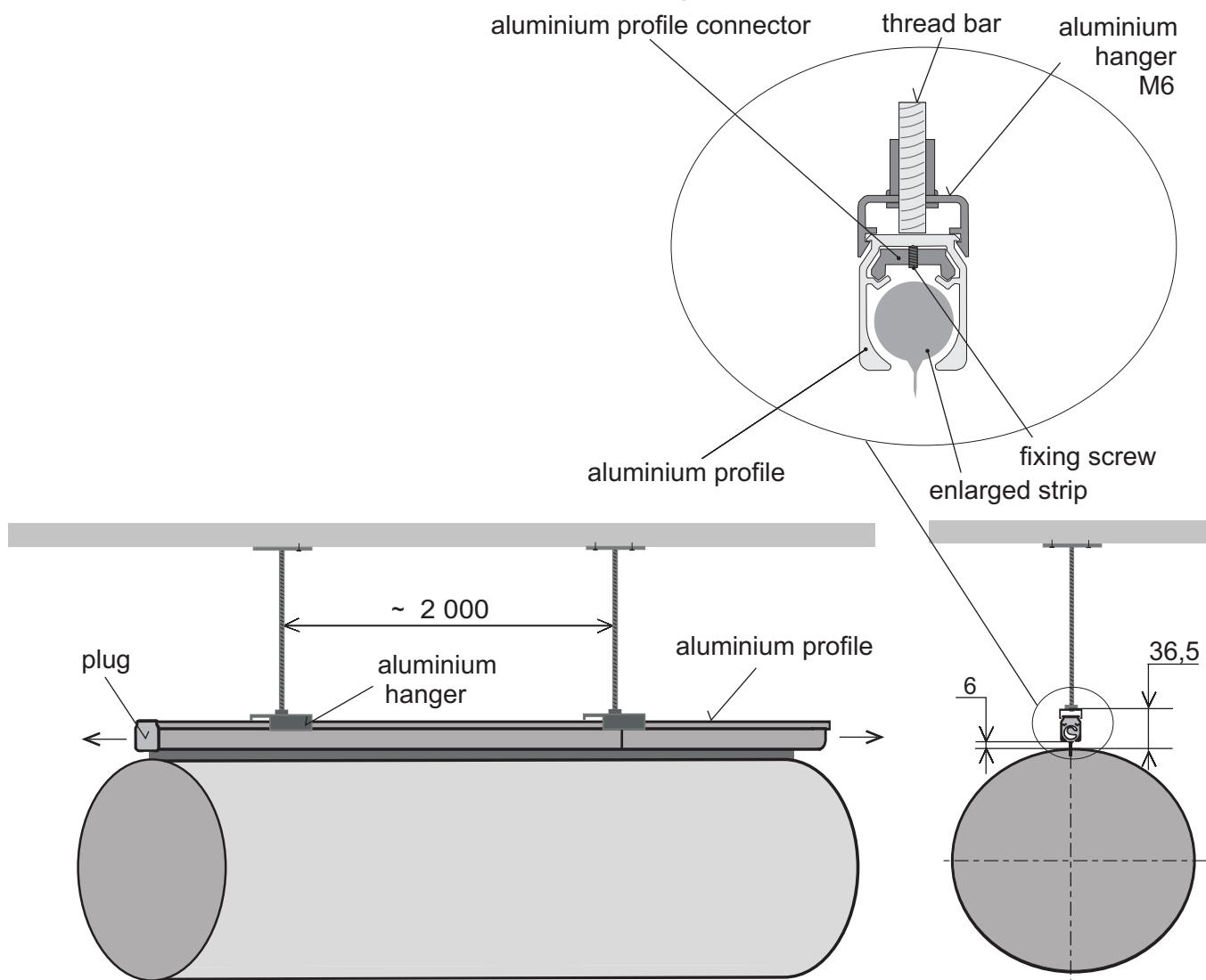
3. INSTALLATION

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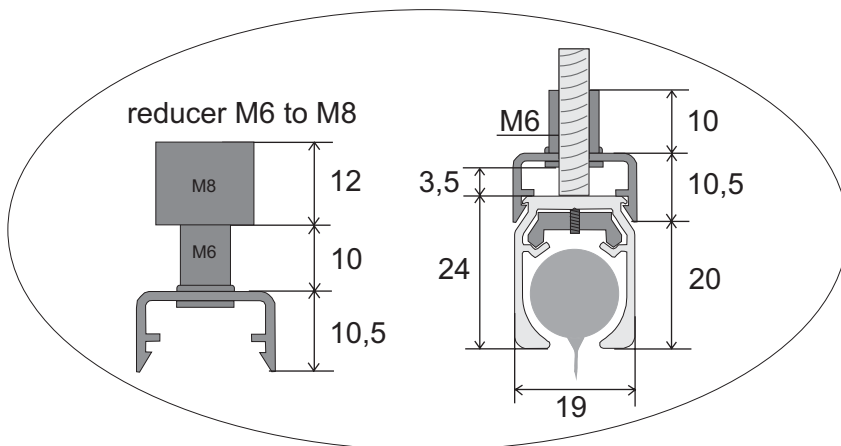
SECTION C

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Foot thread bar



Detail: Aluminium profile on thread bar

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

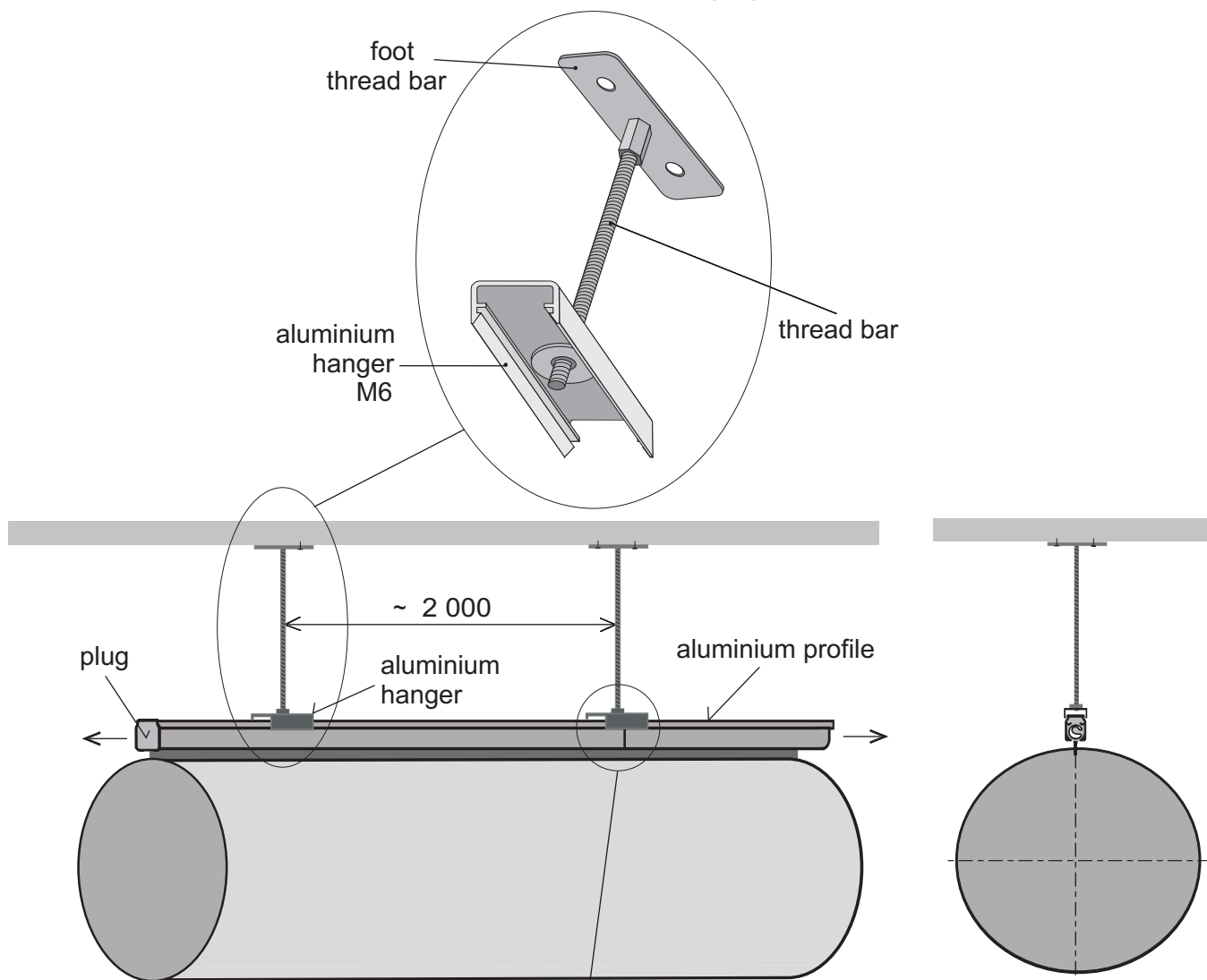
3. INSTALLATION

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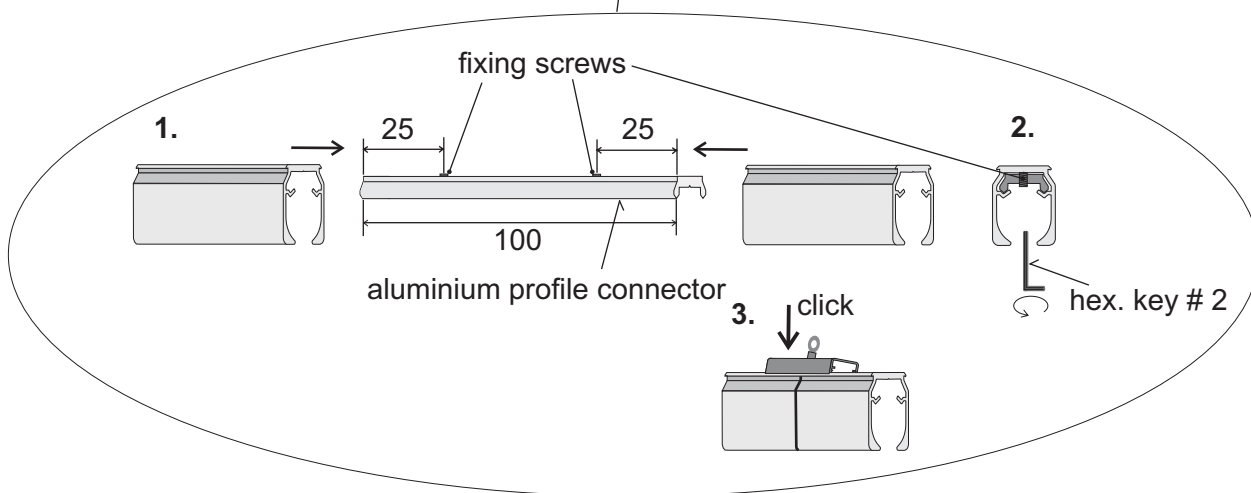
SECTION **C**

3. INSTALLATION

Detail: Thread bar hangings



Detail: Joining of profiles



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AE

SECTION C

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

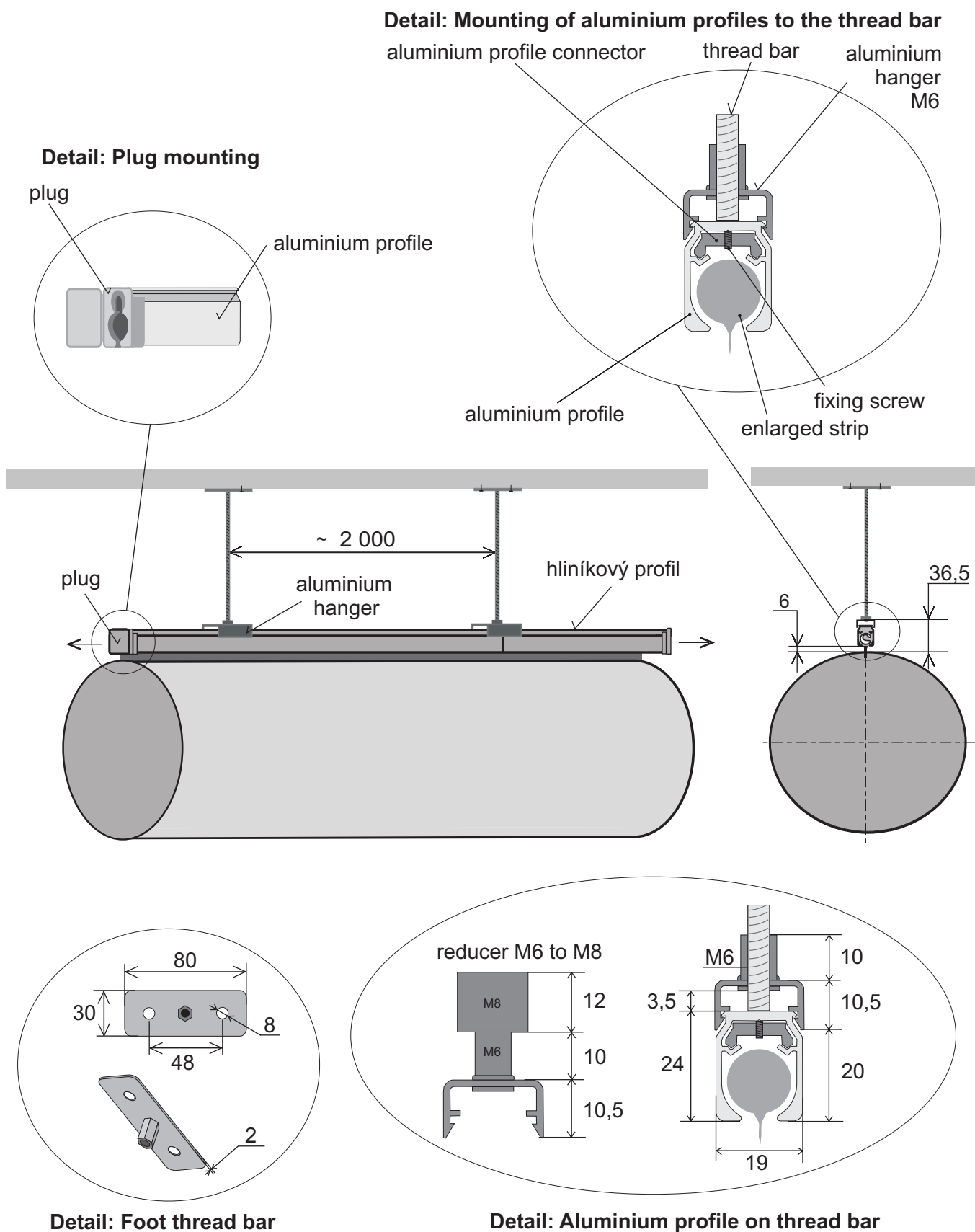
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AEL

SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

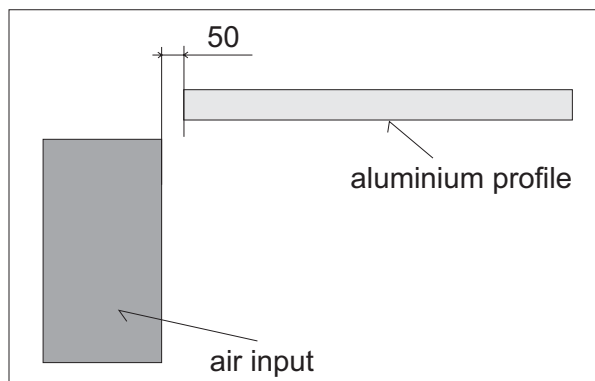
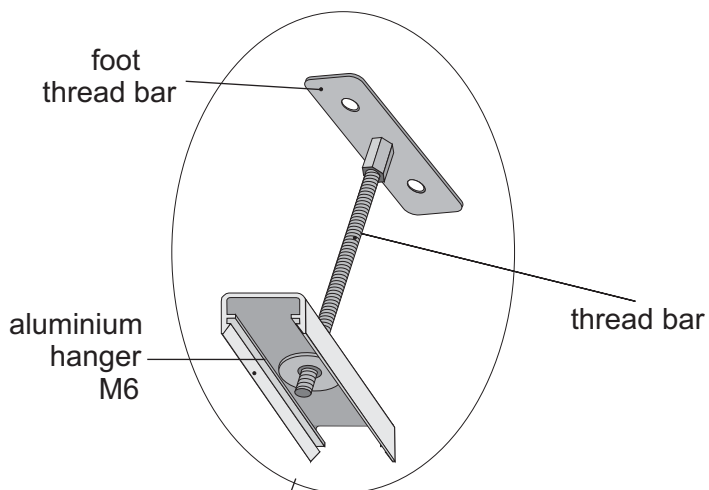
3. INSTALLATION

5AEL

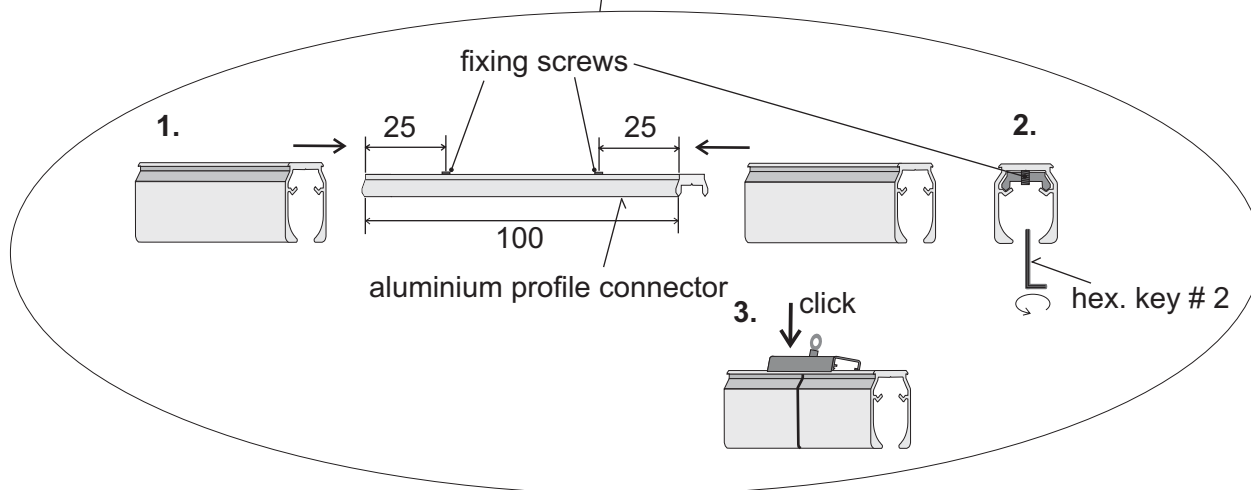
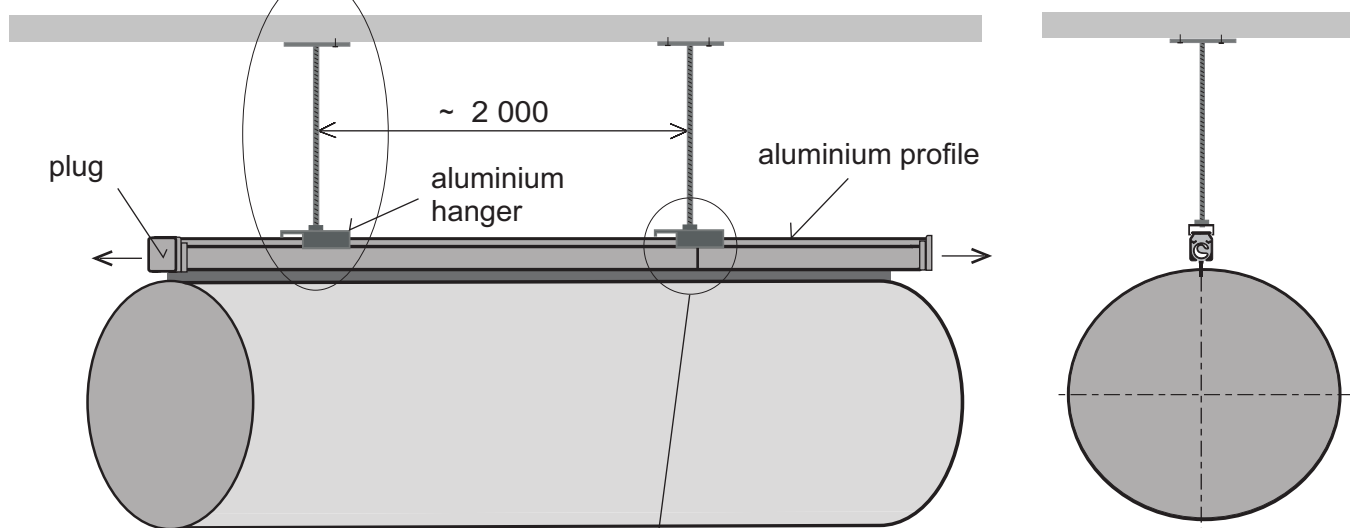
SECTION **C**

3. INSTALLATION

Detail: Thread bar hangings



Detail: Position of profile's edge



Detail: Joining of profiles

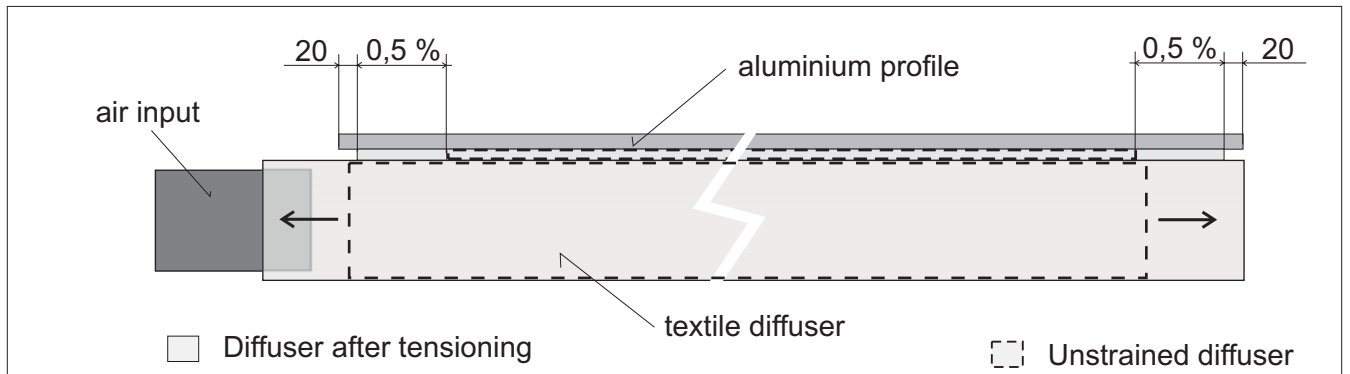
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

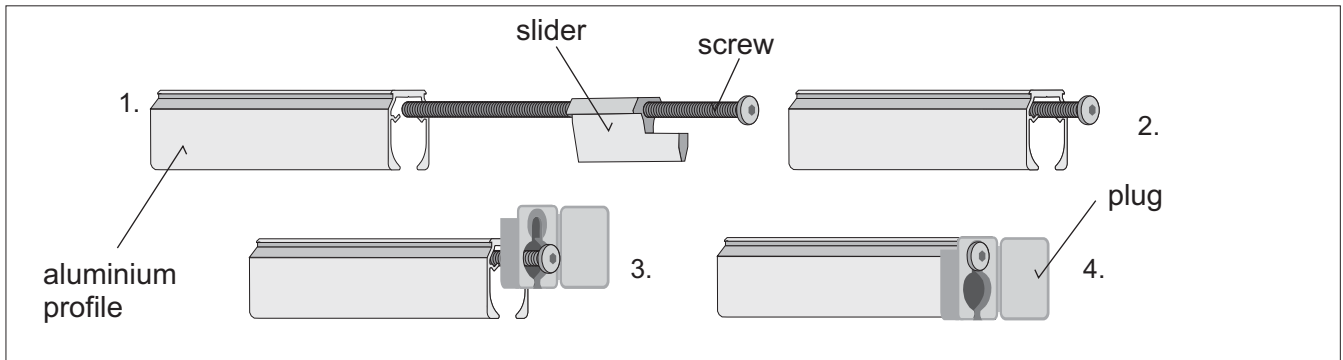
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SECTION **C**

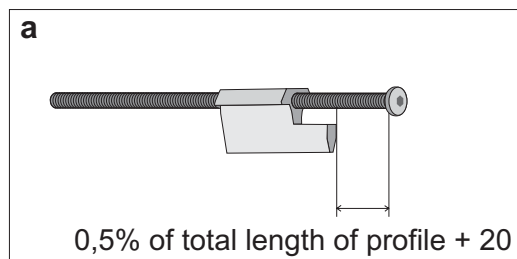
3. INSTALLATION



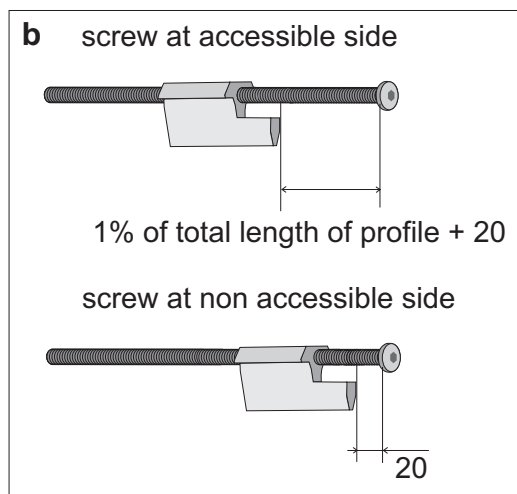
Concept of tensioning



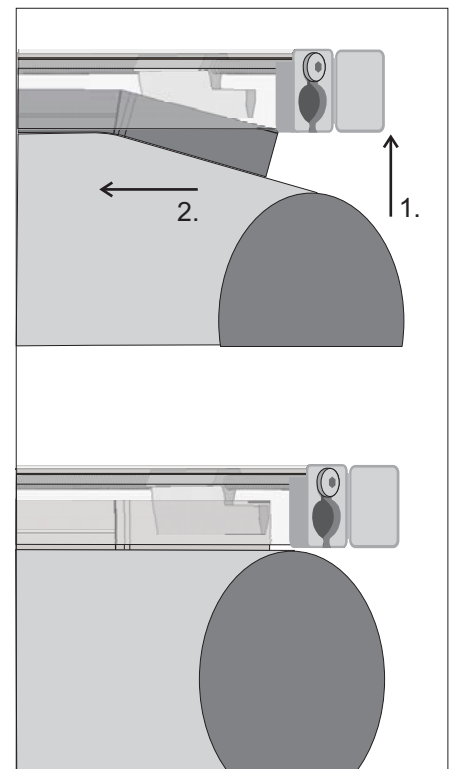
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Setting of slider - b



Details: Fitting pocket with slider

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AEL

SECTION C

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

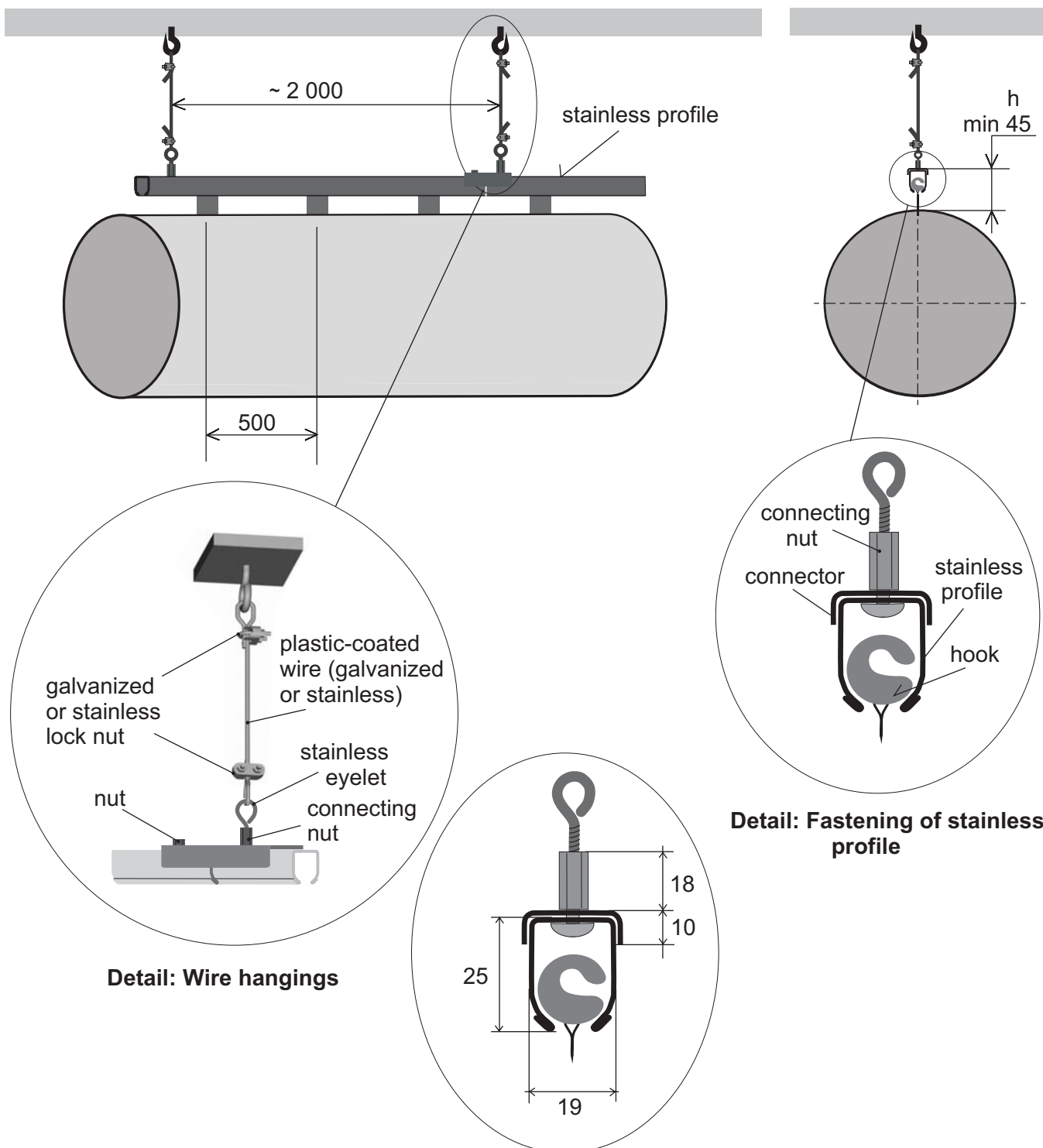
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5G

SECTION C

3. INSTALLATION



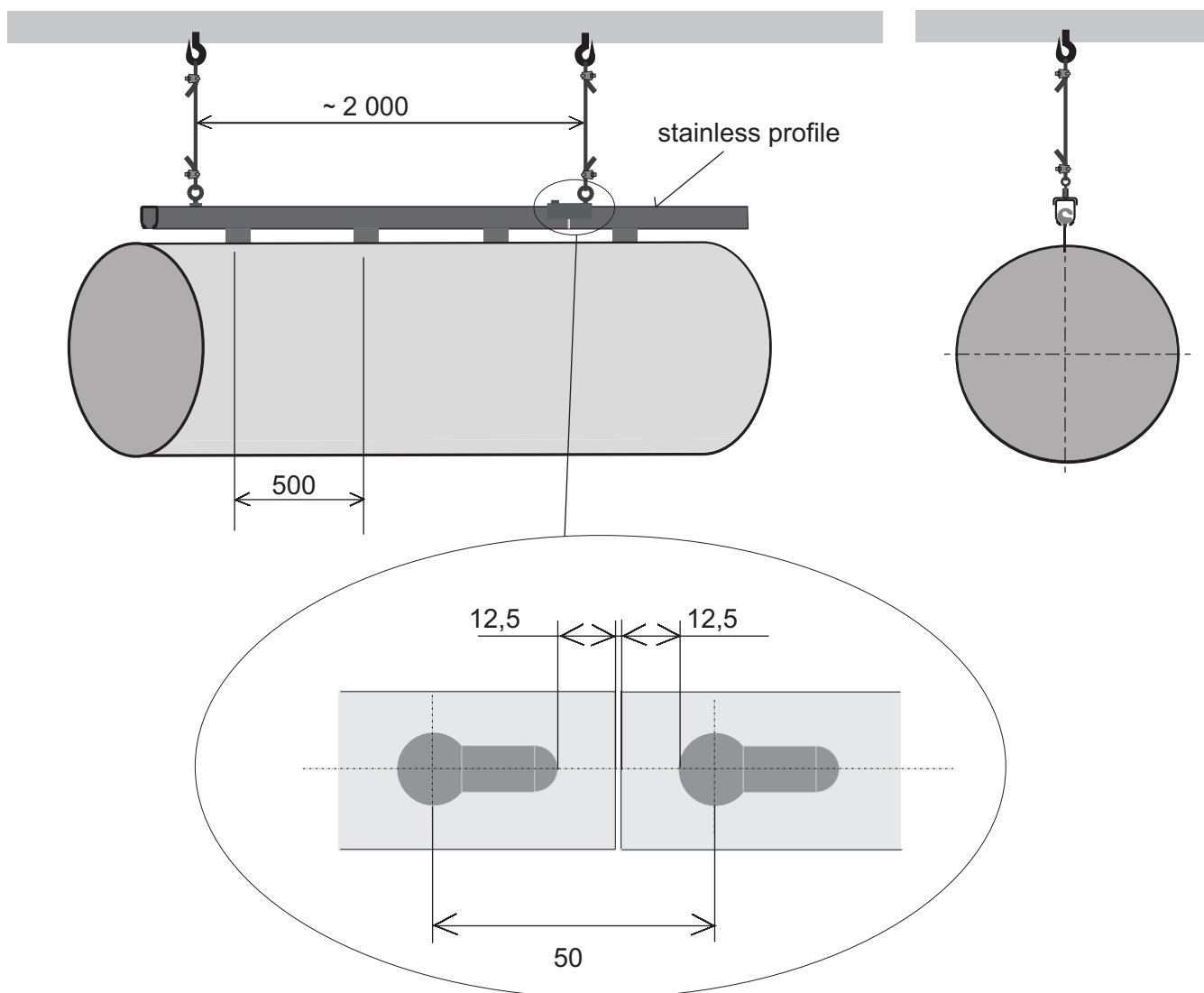
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

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SECTION C

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Detail: Sequencing stainless steel profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

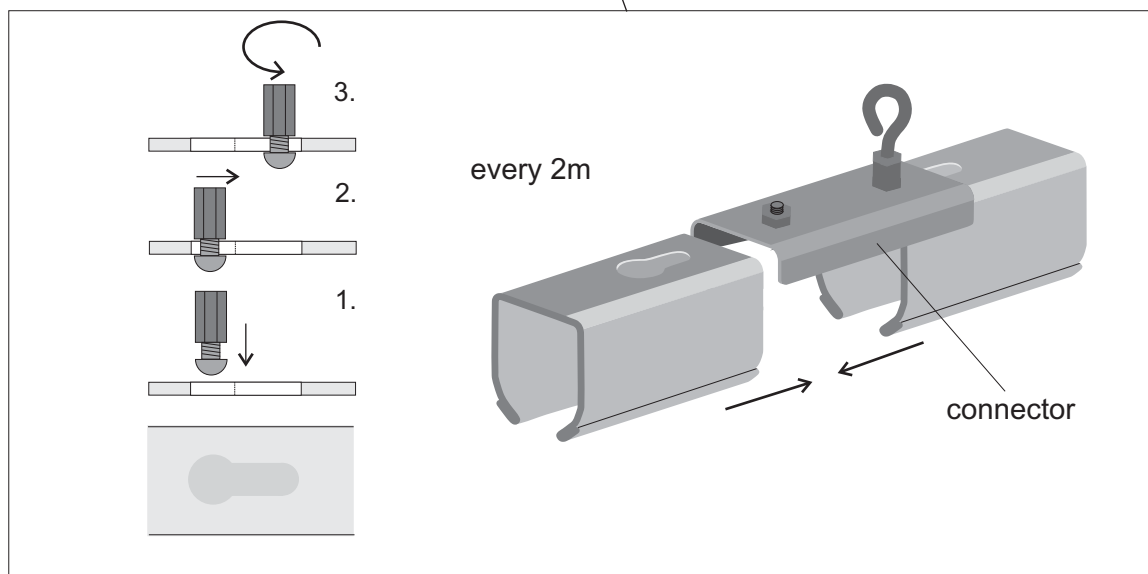
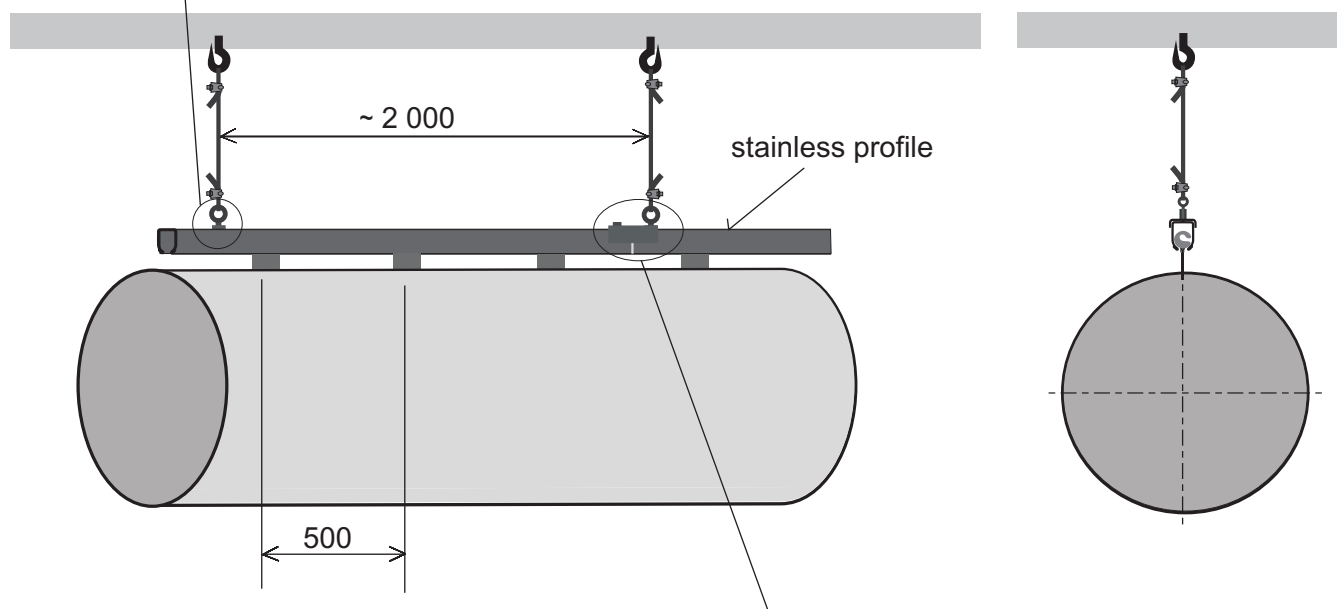
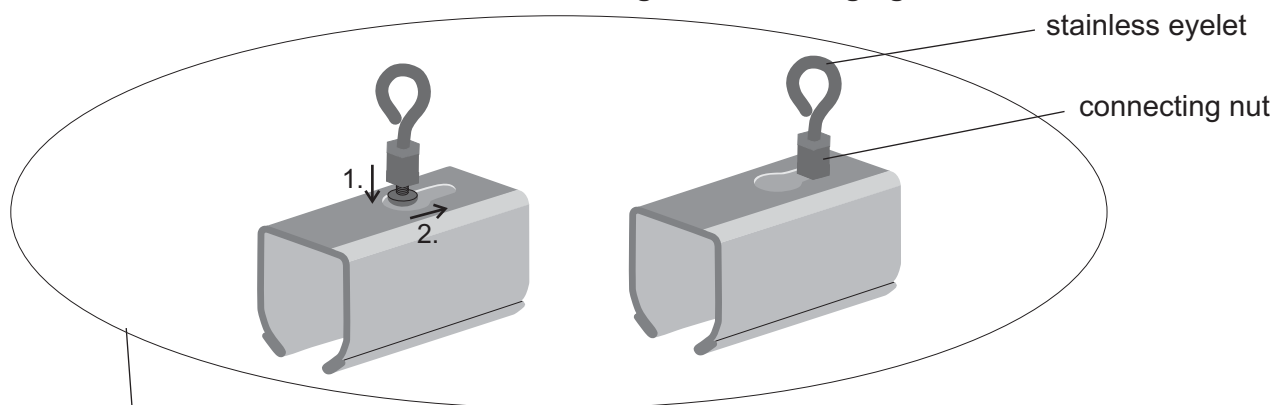
3. INSTALLATION

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SECTION C

3. INSTALLATION

Detail: First and last hanger of wire hanging



Detail: Connecting of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

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- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 4. Preparation of eyelets:** Screw the connecting nut on each eyelet about till the middle of its height.
- 5. Hanging the first and the last part of profile:** Screw the M6 screw to the connecting nut of the first wire hanger about till the middle of its thread's height. Put the screw-head through the opening at the beginning of the first part of profile according to the Detail „First and last hanger of wire hanging“. Screw up tightly. Do the same with the last part of profile at its end.
- 6. Hanging and connecting profiles:** Screw one M6 screw with the nut on each connector (nuts from the upper side). Screw the connectors by mean of M6 screw to the connecting nuts on the wire hangers. Do not screw up tightly. Put the both screw-heads through the openings at the adjoining ends of the connecting parts of profiles and shift them according to the Detail: "Connecting profiles". Screw up tightly. Hang this way all the parts of profiles one by one. Keep the right sequencing of openings according to the Detail: "Sequencing stainless steel profiles". The length of a part of profile can be changed at the end parts only.
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

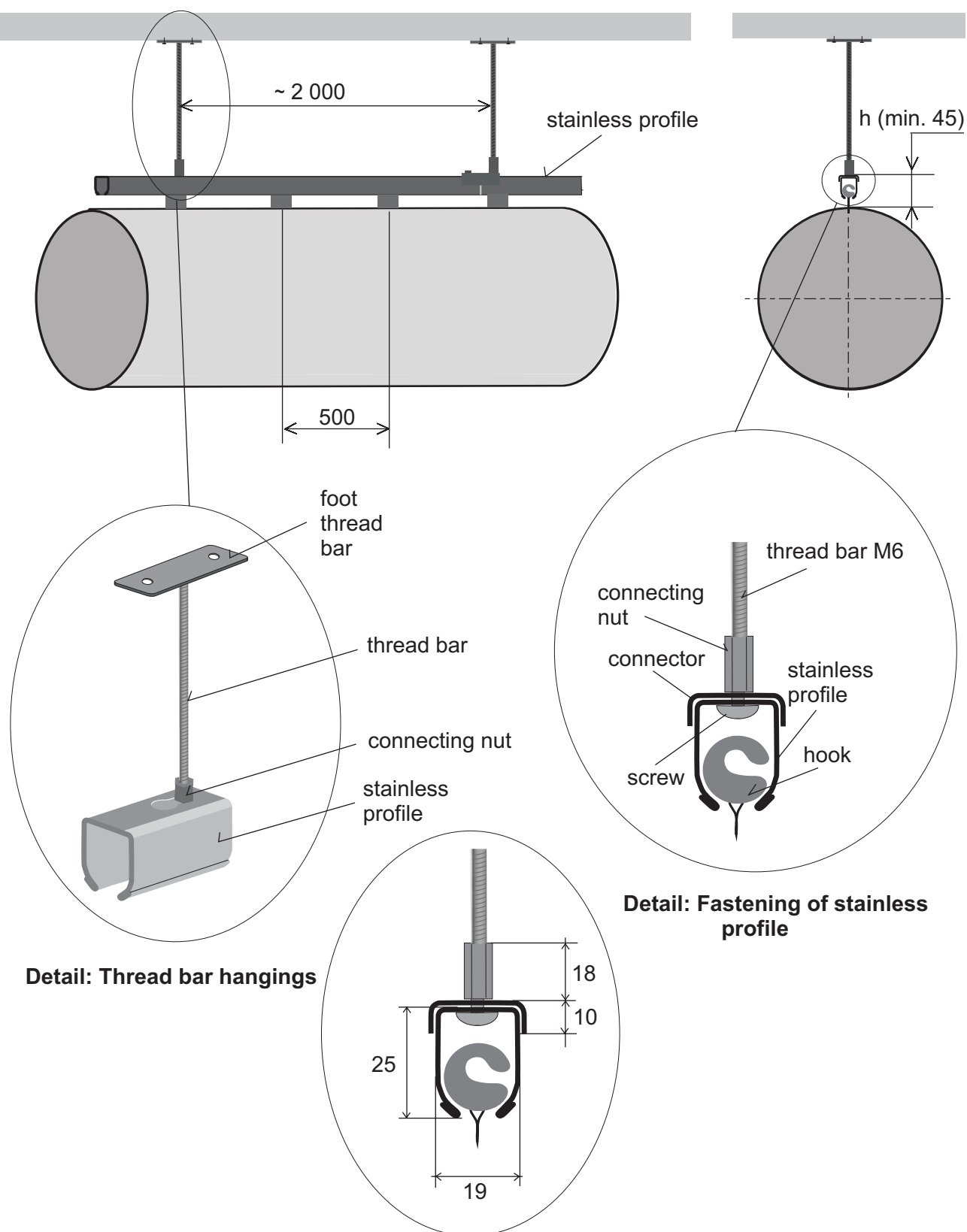
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5EG

SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

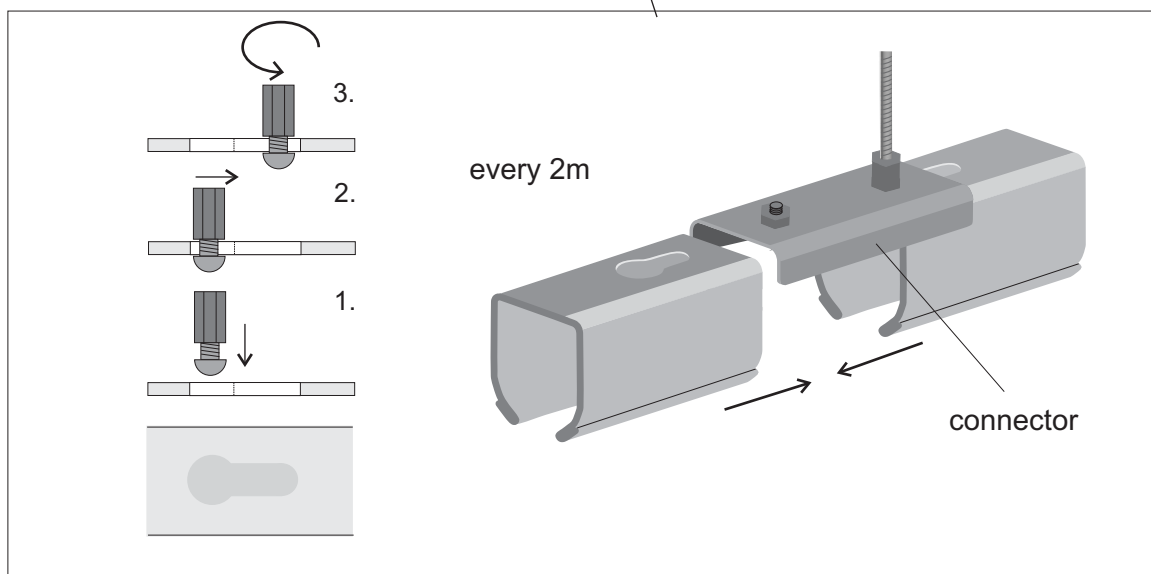
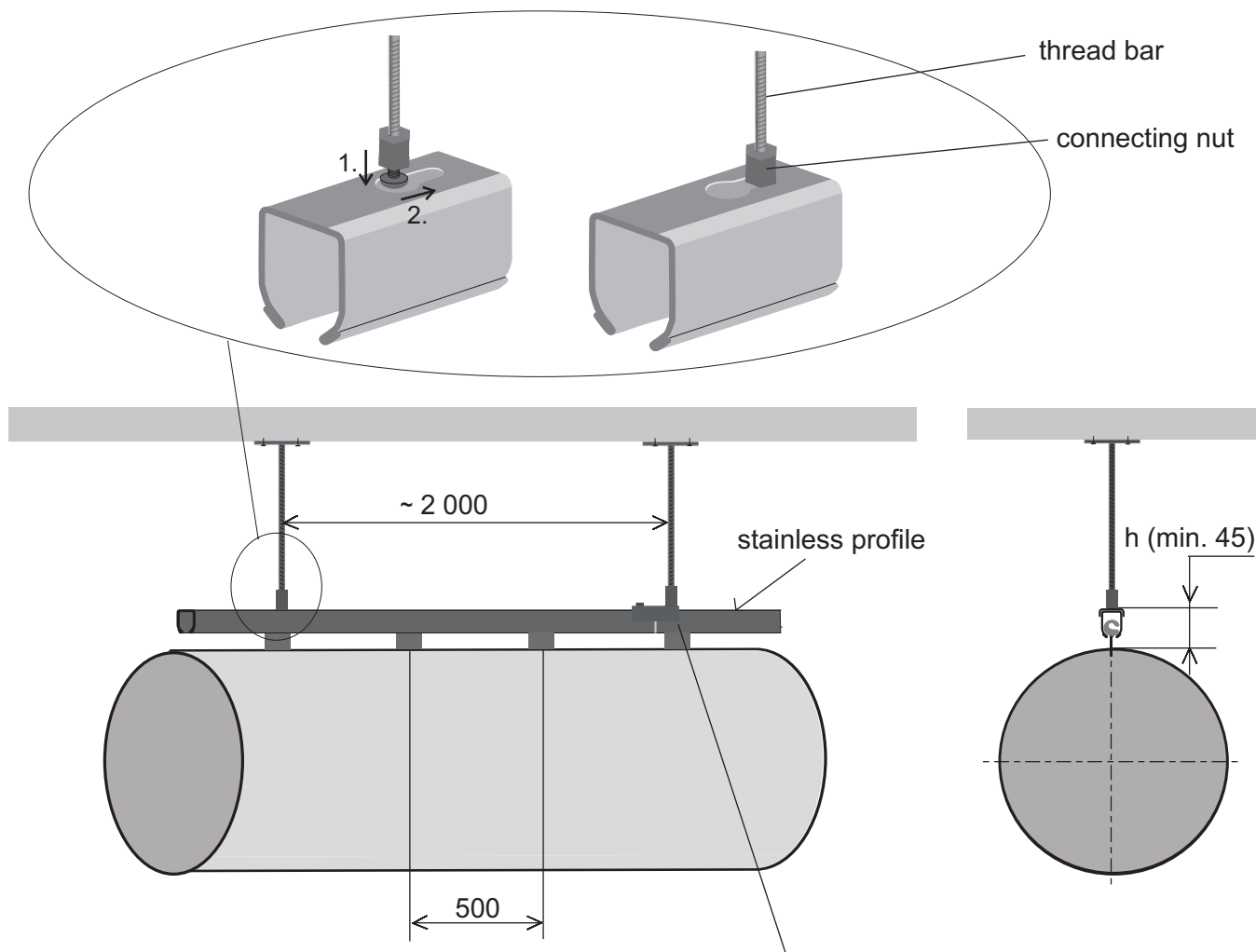
3. INSTALLATION

5EG

SECTION C

3. INSTALLATION

Detail: First and last hanger of thread bar



Detail: Connecting of profiles

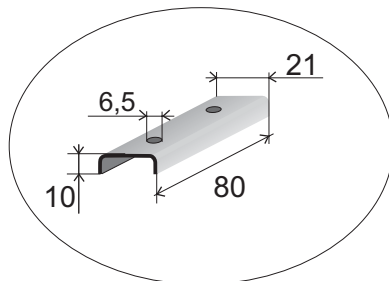
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

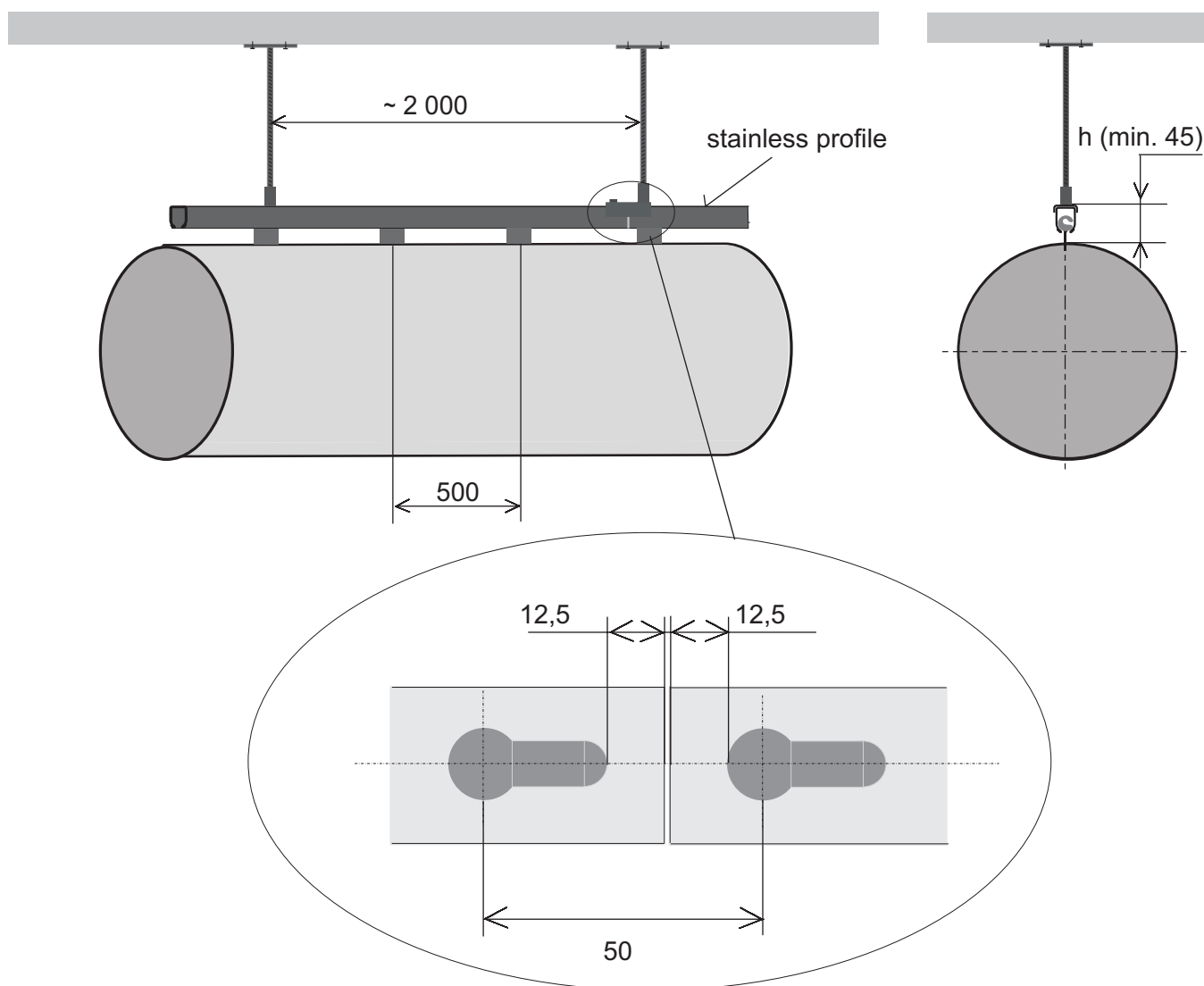
5EG

SECTION **C**

3. INSTALLATION



Detail: Connector



Detail: Sequencing stainless steel profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5EG

SECTION C

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the connecting nut from one side on each thread bar about to the middle of its height.
- 4. Mounting feet and thread bars:** Mount the feet of the thread bars to the prepared anchoring points on the ceiling or other structure. Screw the thread bars to the feet. Screw one connecting nut on the lower end of each thread bar about to the middle of its height.
- 5. Preparation of the first and the last part of profile:** Screw the M6 screw to the one connecting nut about till the middle of its thread's height. Put the screw-head through the opening at the beginning of the first part of profile according to the detail „First and last hanger of thread bar“. Screw up tightly. Do the same with the last part of profile at its end.
- 6. Hanging and connecting of profiles:** Screw one M6 screw with the nut (nuts from the upper side) on each connector. This way prepared connectors screw to the thread bars by means of M6 screw. Do not screw up tightly. Put the screw-heads through the openings at the beginnings the connecting parts of profiles according to the "Detail of connecting profiles". Screw up tightly. Keep the right sequencing of openings according to the "Detail: Sequencing stainless steel profiles". The length of a part of profile can be changed at the end parts only.
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

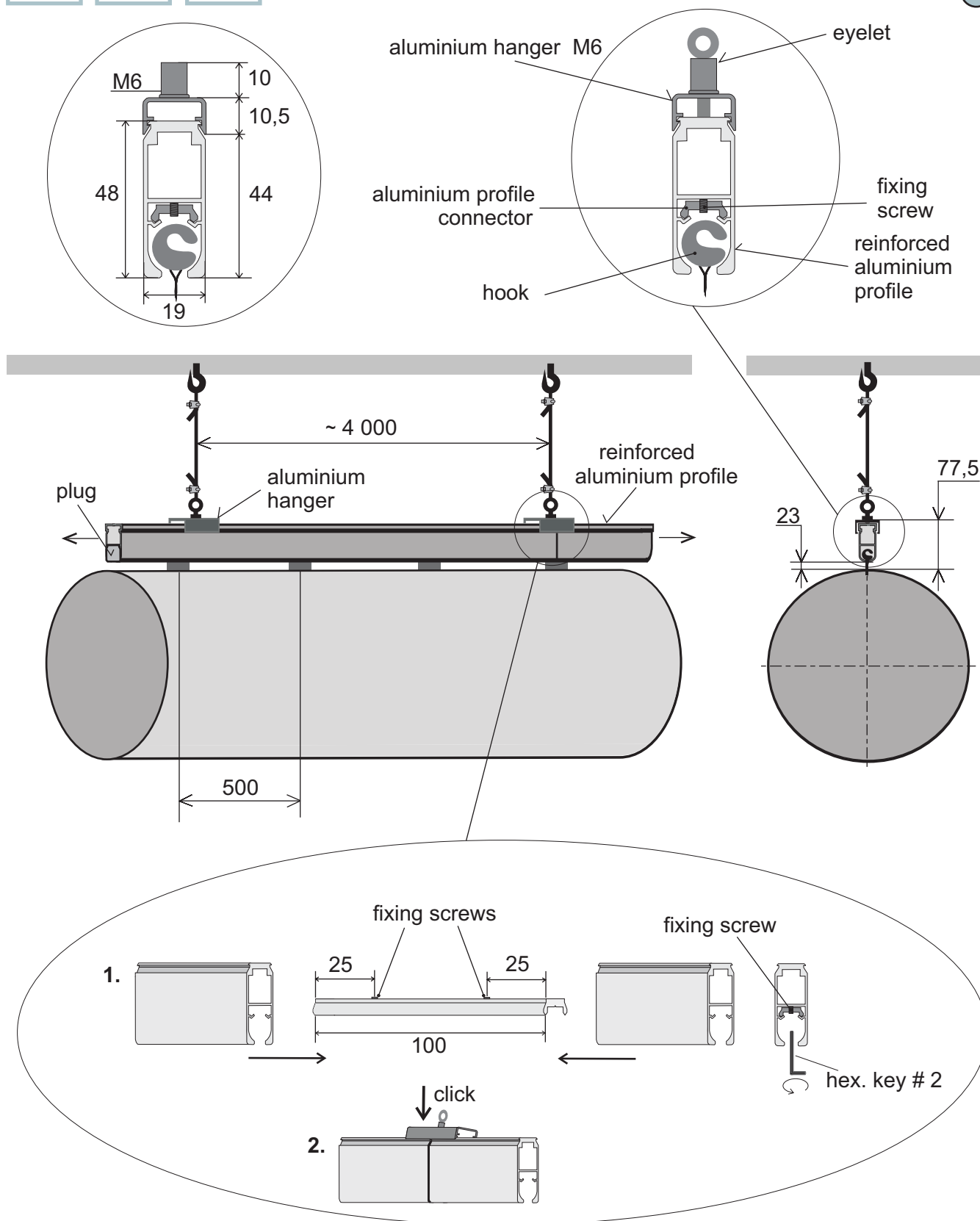
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SECTION C

3. INSTALLATION



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

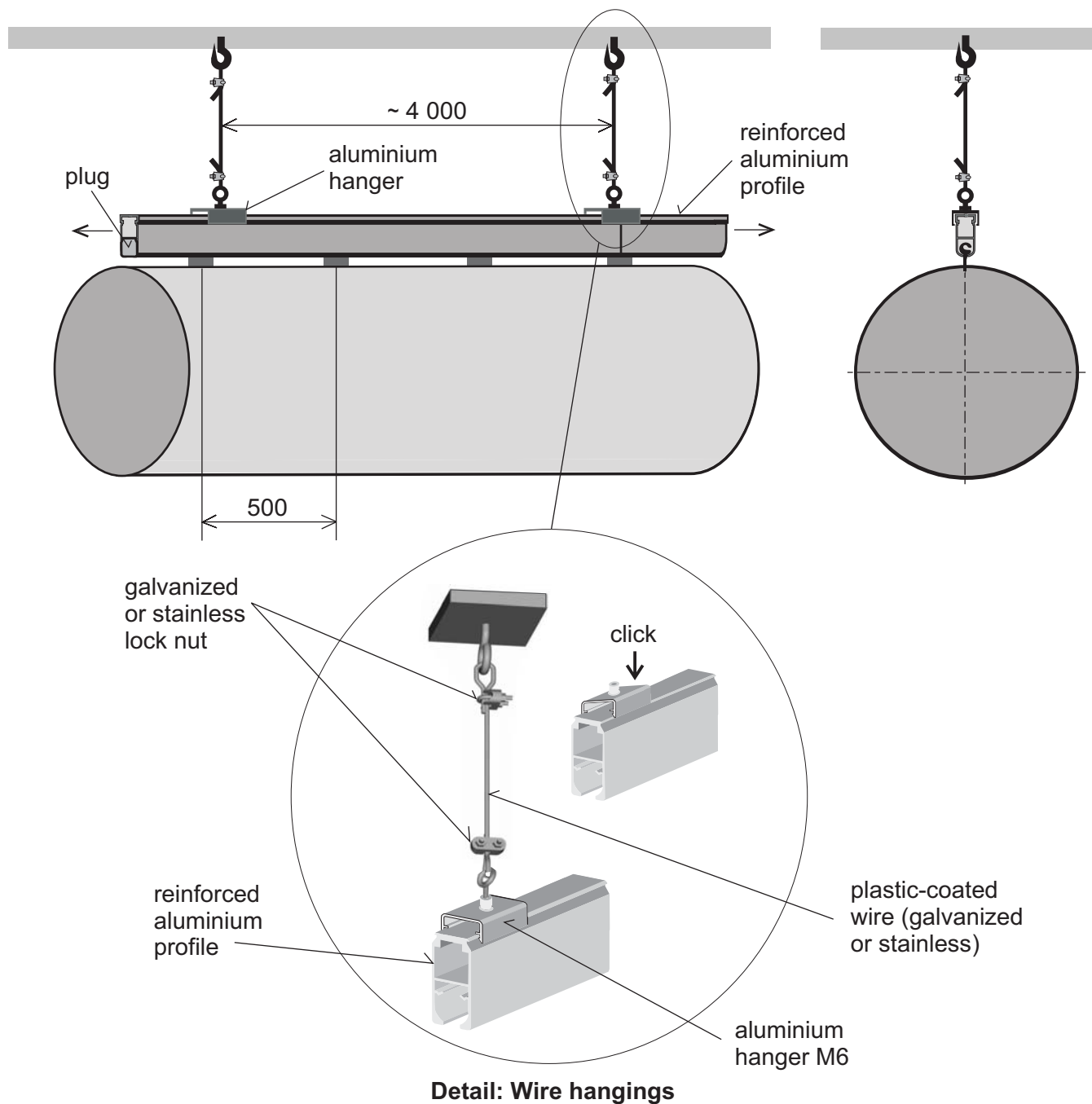
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SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5I**5DI****5FI**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



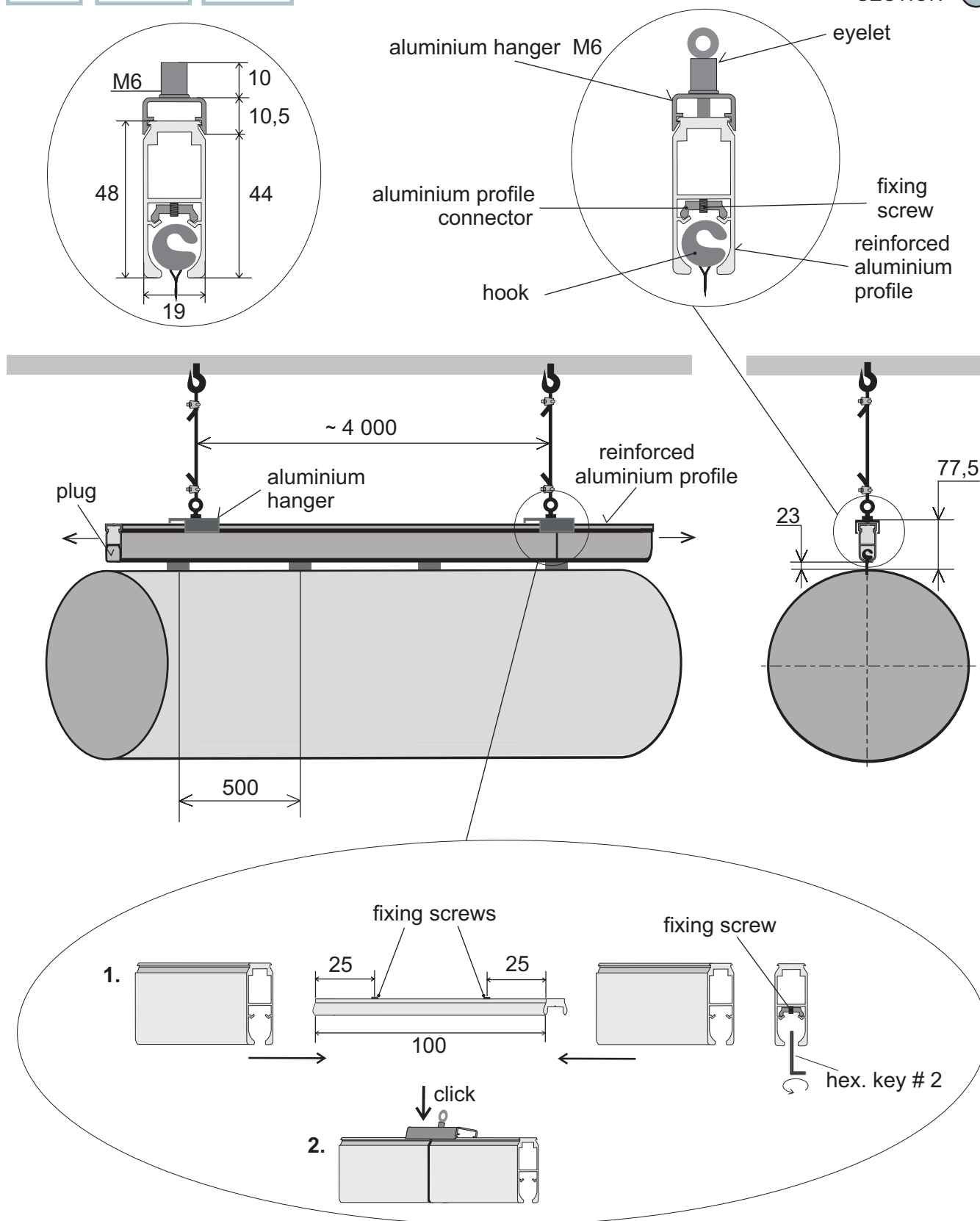
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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SECTION **C**

3. INSTALLATION



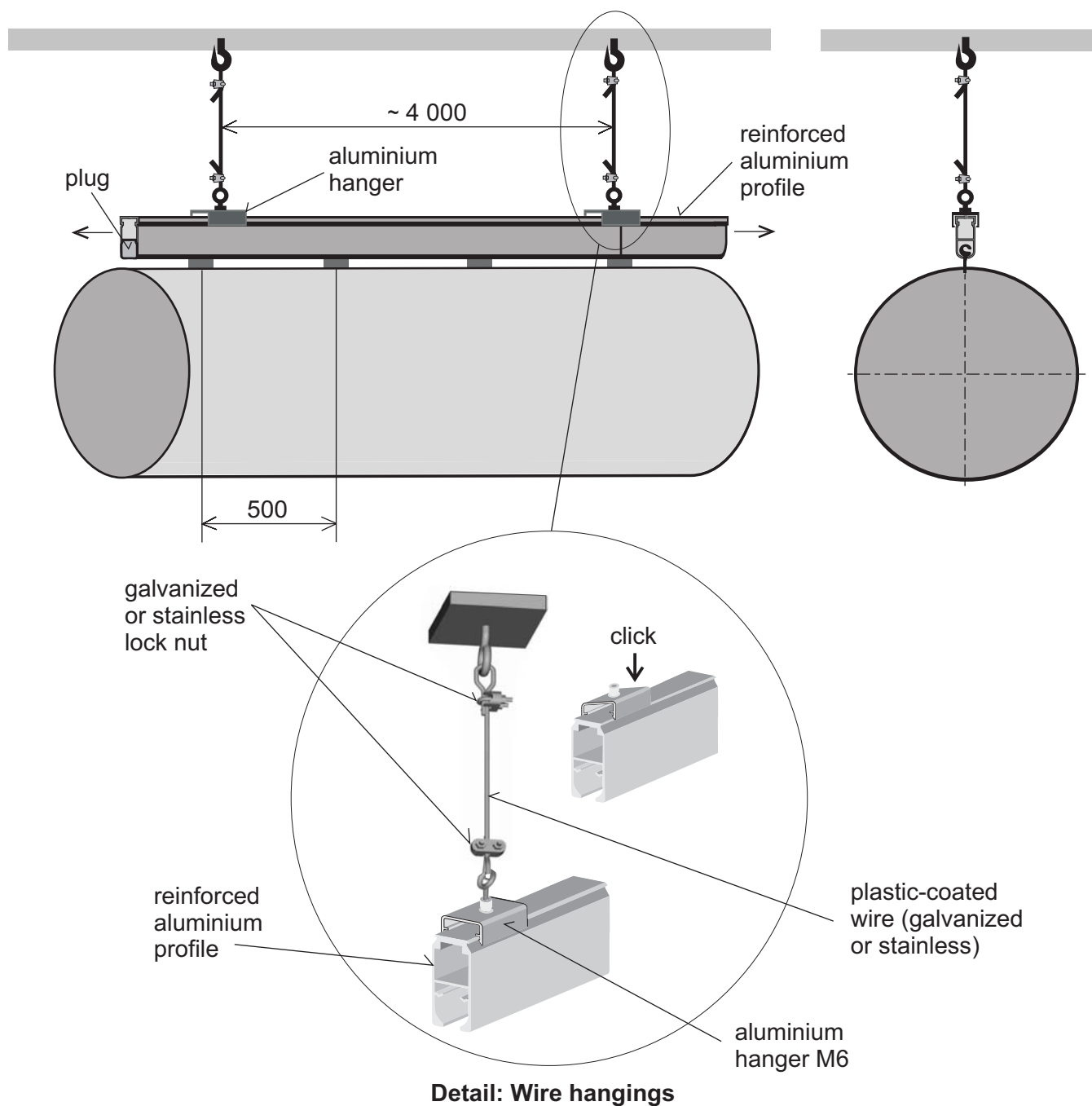
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3. INSTALLATION

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SECTION C

3. INSTALLATION



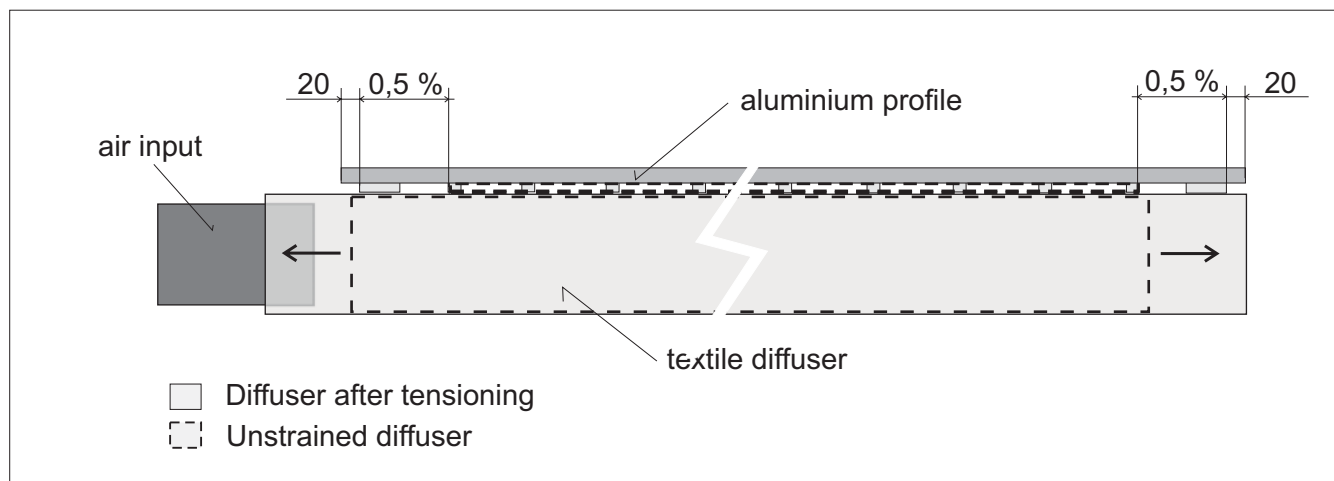
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

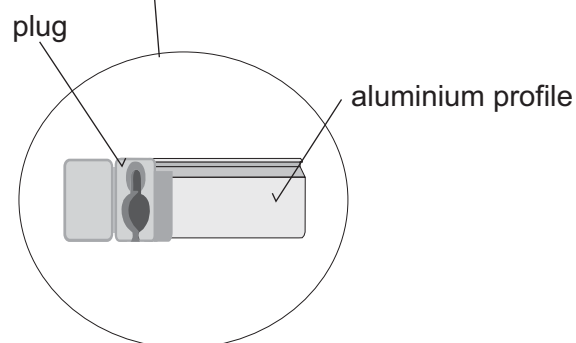
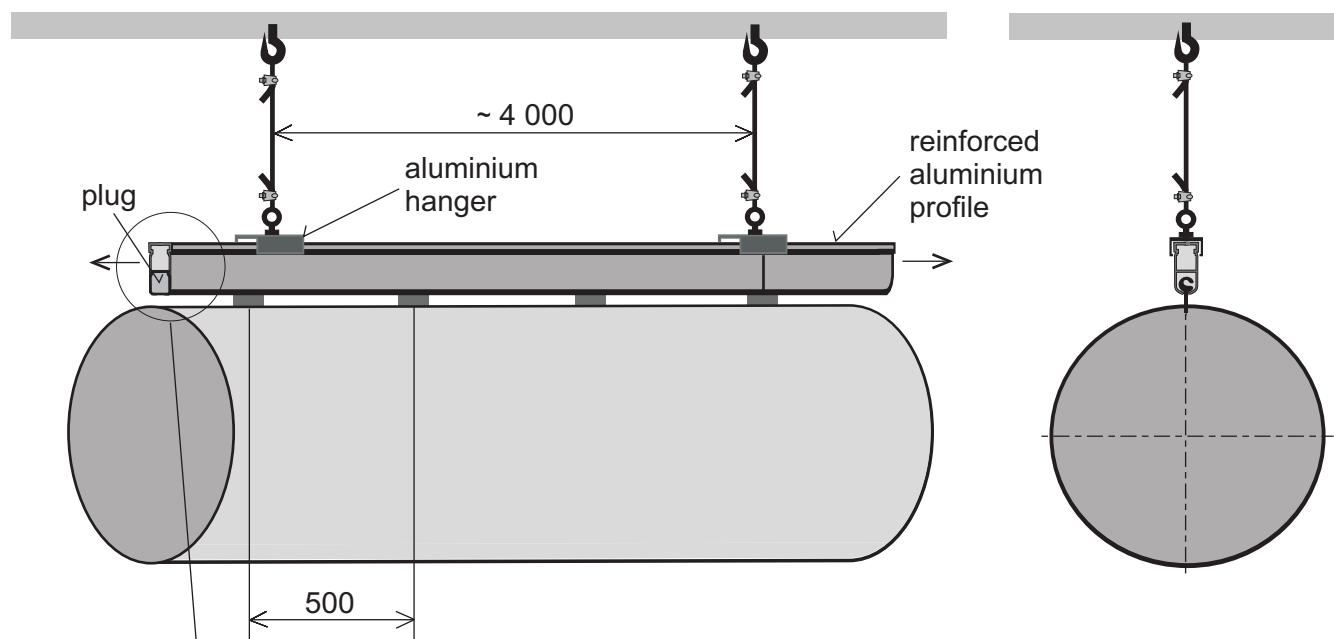
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SECTION **C**

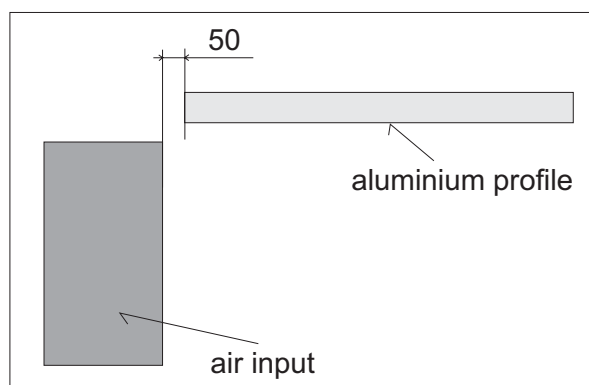
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

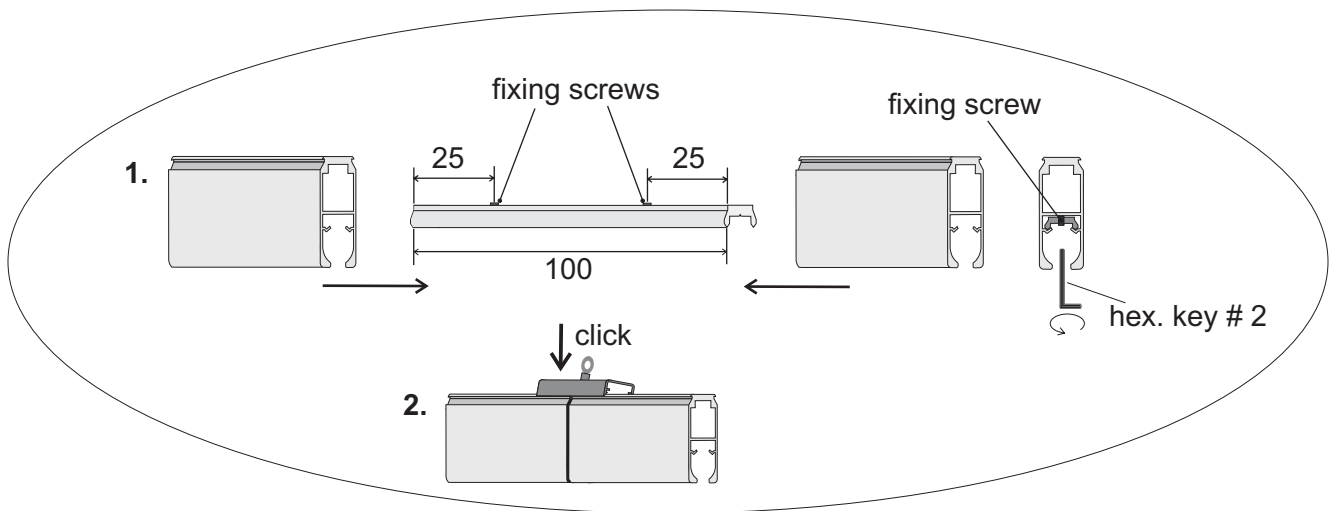
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

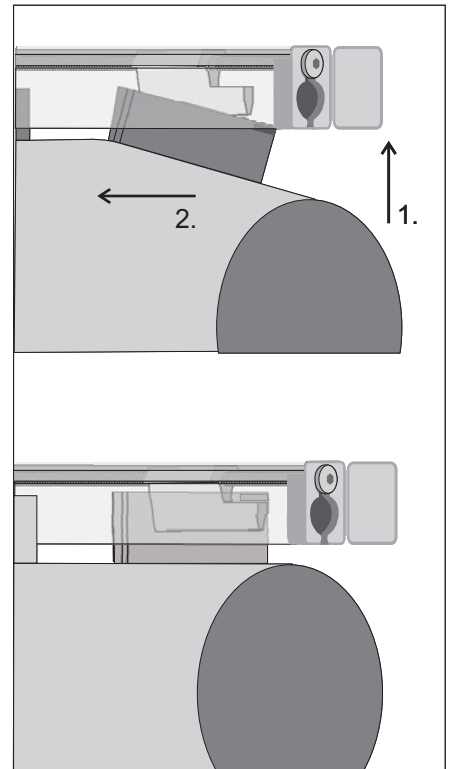
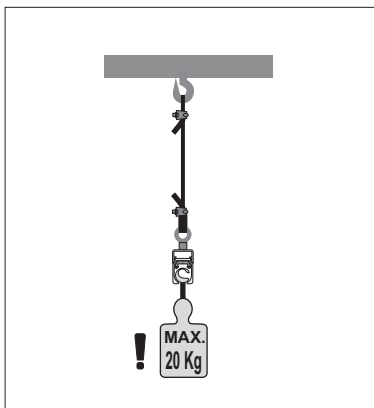
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SECTION **C**

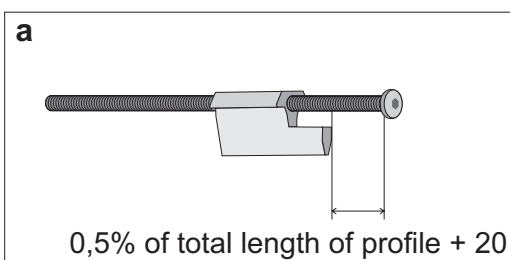
3. INSTALLATION



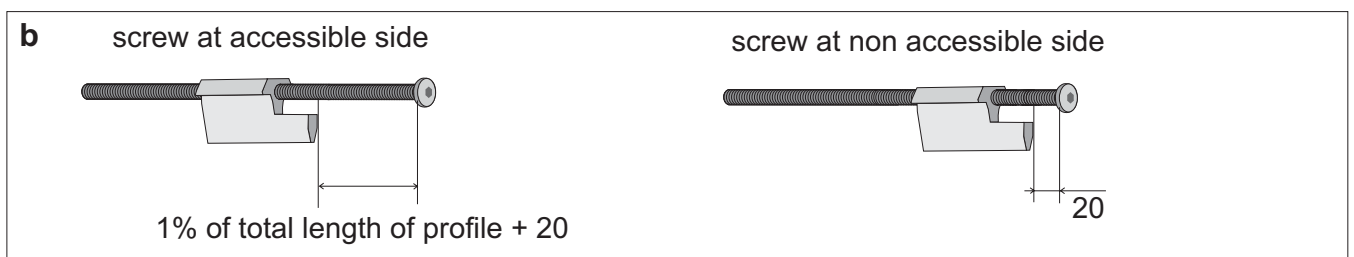
Detail: Joining of profiles



Details: Fitting pocket with slider



Details: Setting of slider - a



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5IL **5DIL** **5FIL**

SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a" , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").
Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

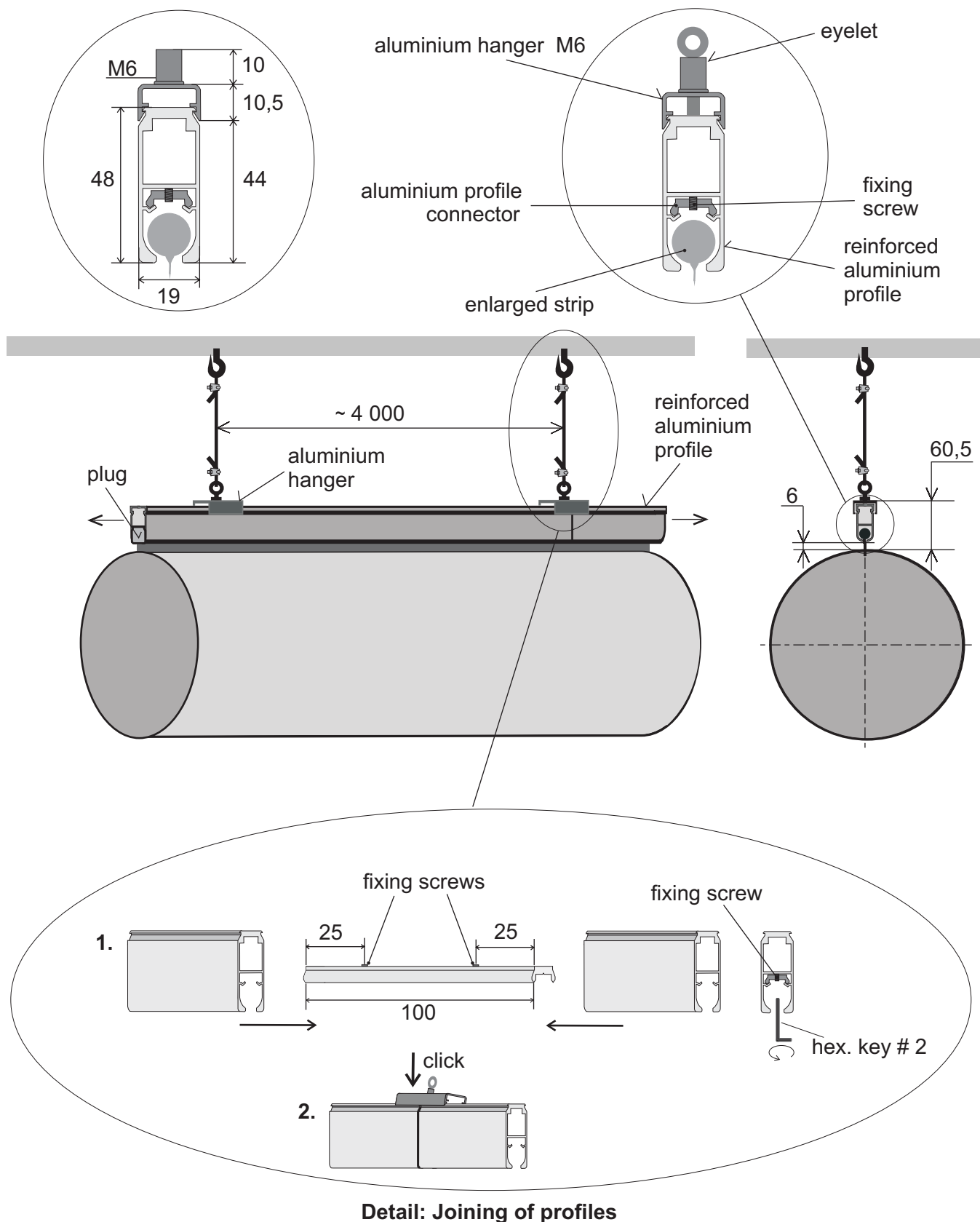
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AI **5ADI** **5AFI**

SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

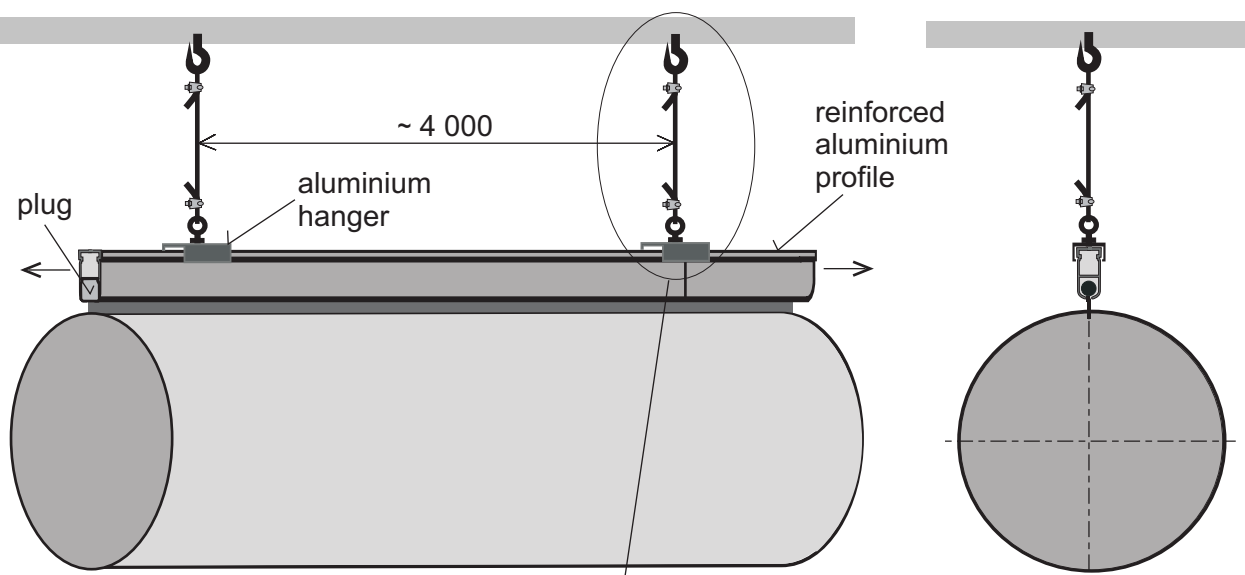
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SECTION C

3. INSTALLATION



galvanized
or stainless
lock nut

click

reinforced
aluminium
profile

plastic-coated
wire (galvanized
or stainless)

aluminium
hanger M6

Detail: Wire hangings

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AI**5ADI****5AFI**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



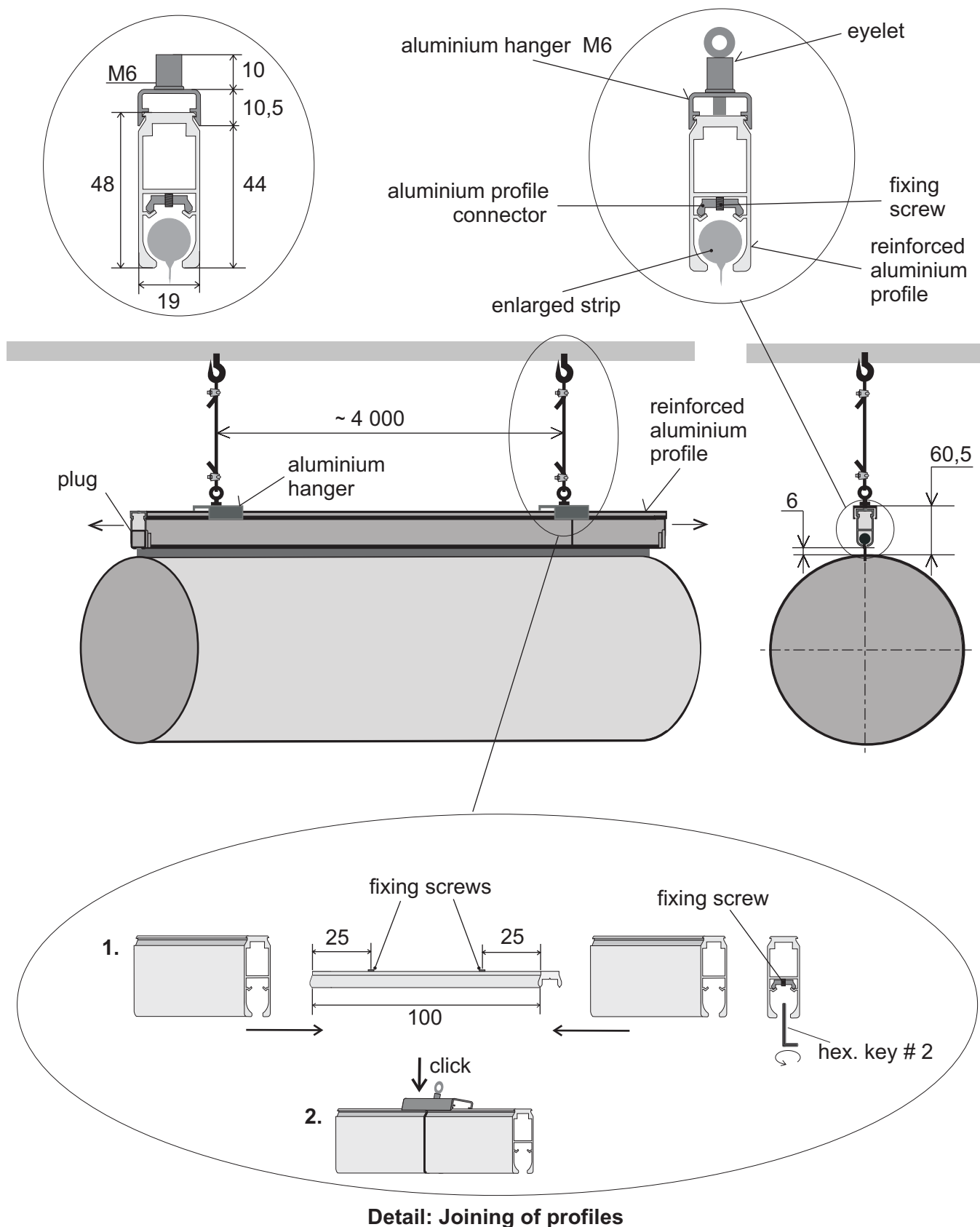
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AIL **5ADIL** **5AFIL**

SECTION **C**

3. INSTALLATION



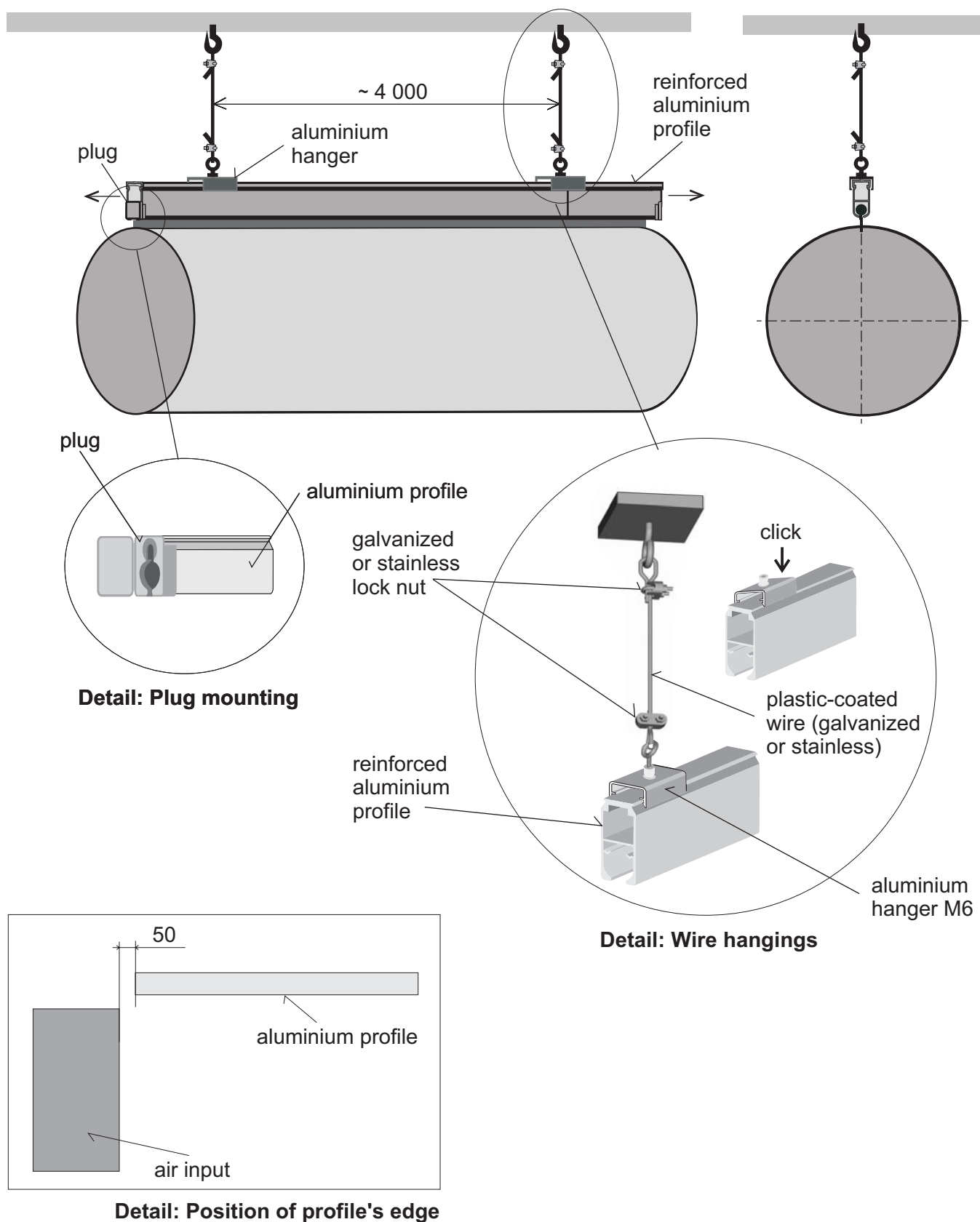
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AIL **5ADIL** **5AFIL**

SECTION **C**

3. INSTALLATION



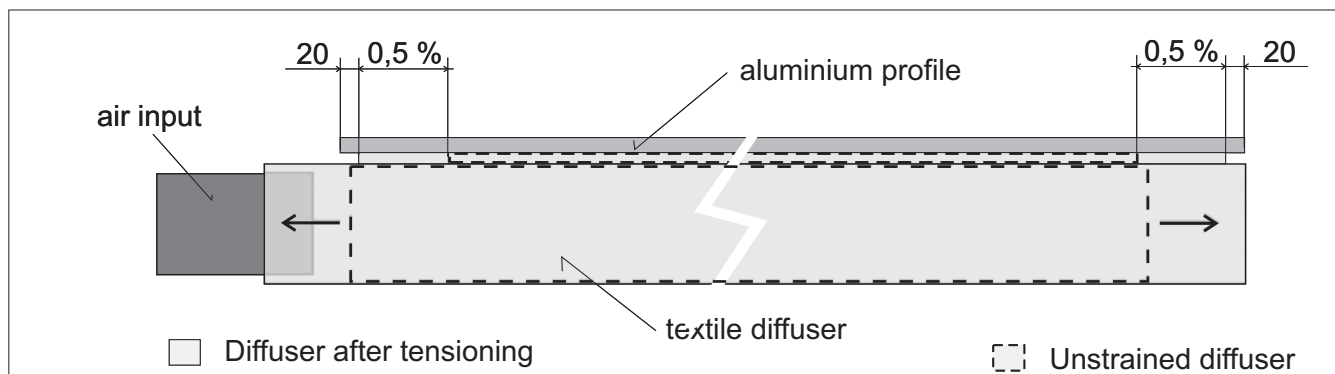
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

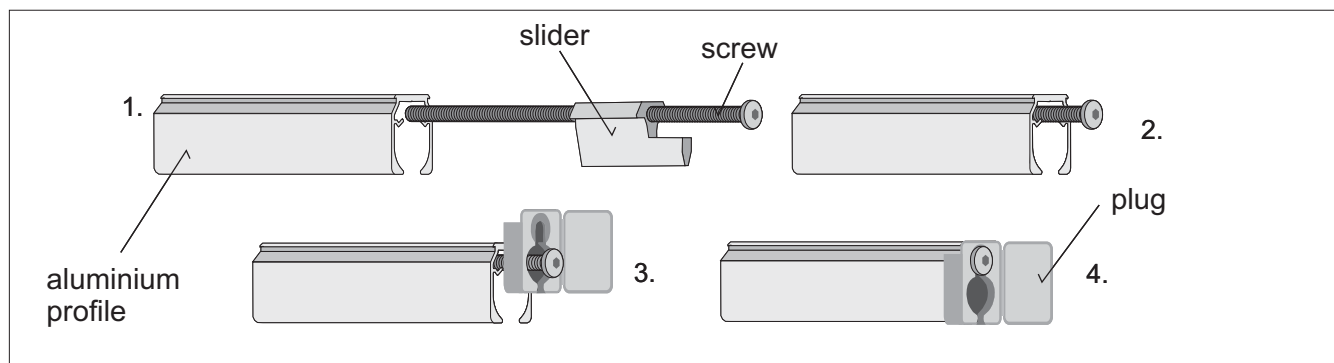
5AIL **5ADIL** **5AFIL**

SECTION **C**

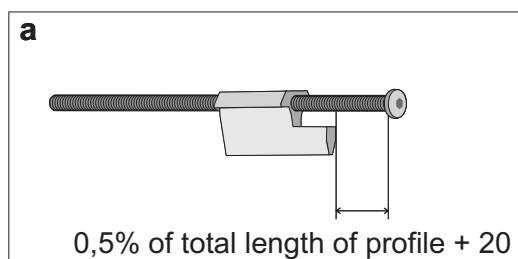
3. INSTALLATION



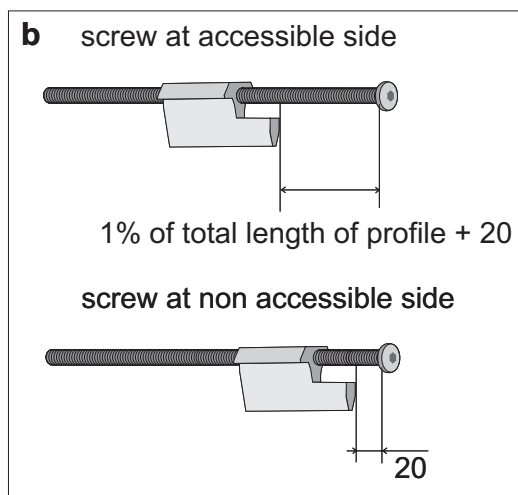
Concept of tensioning



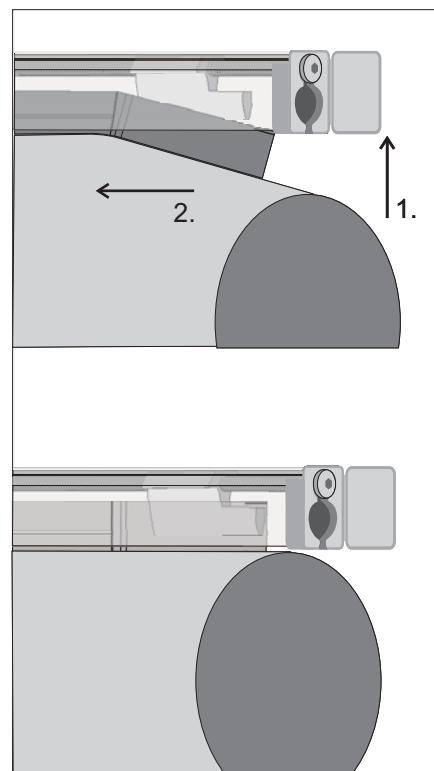
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Setting of slider - b



Details: Fitting pocket with slider

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AIL**5ADIL****5AFIL**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

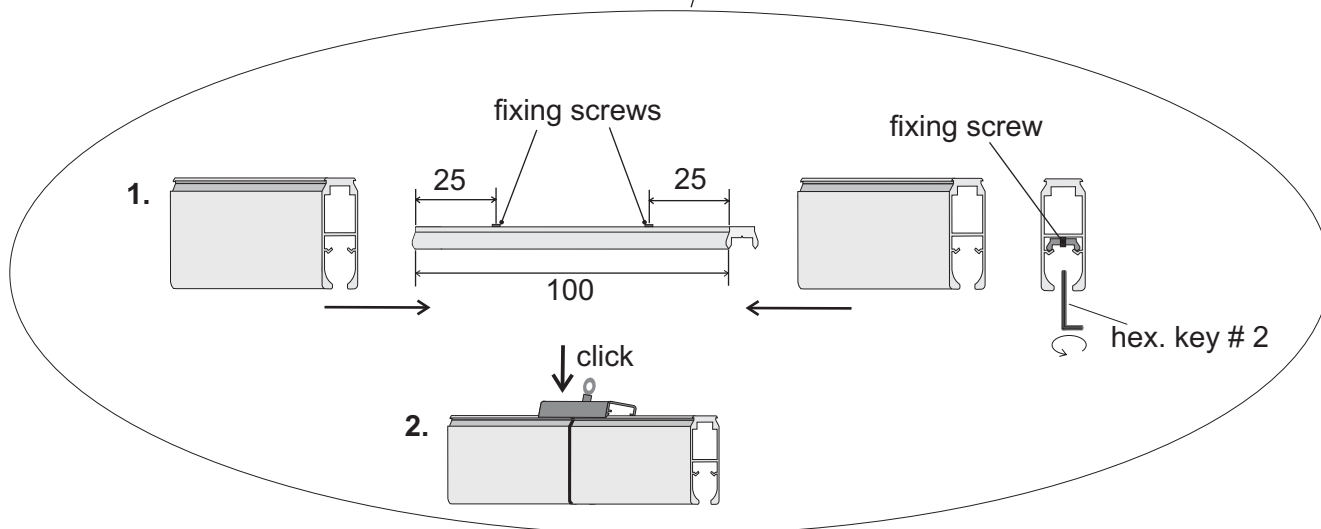
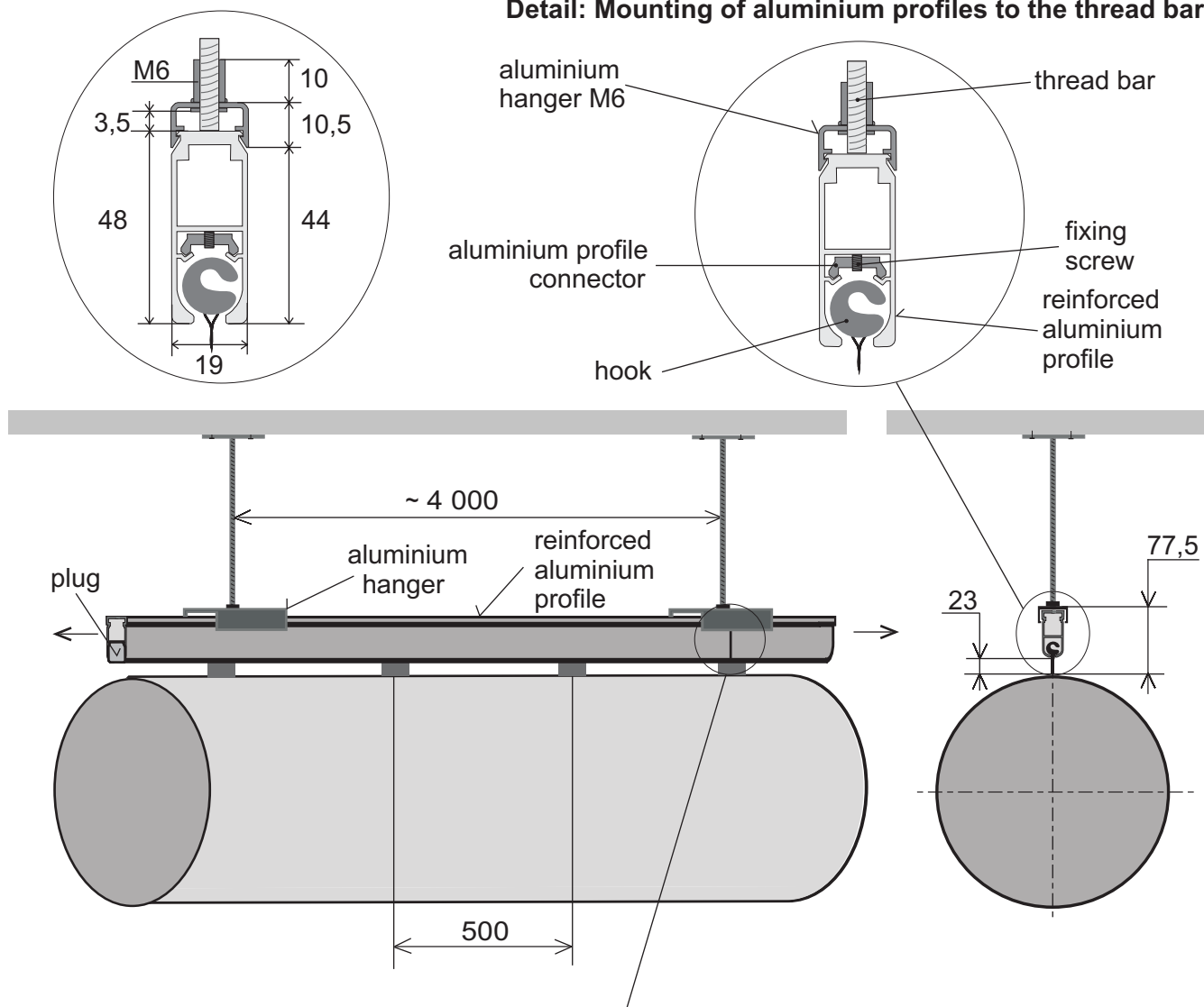
3. INSTALLATION

5EI

SECTION C

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Joining of profiles

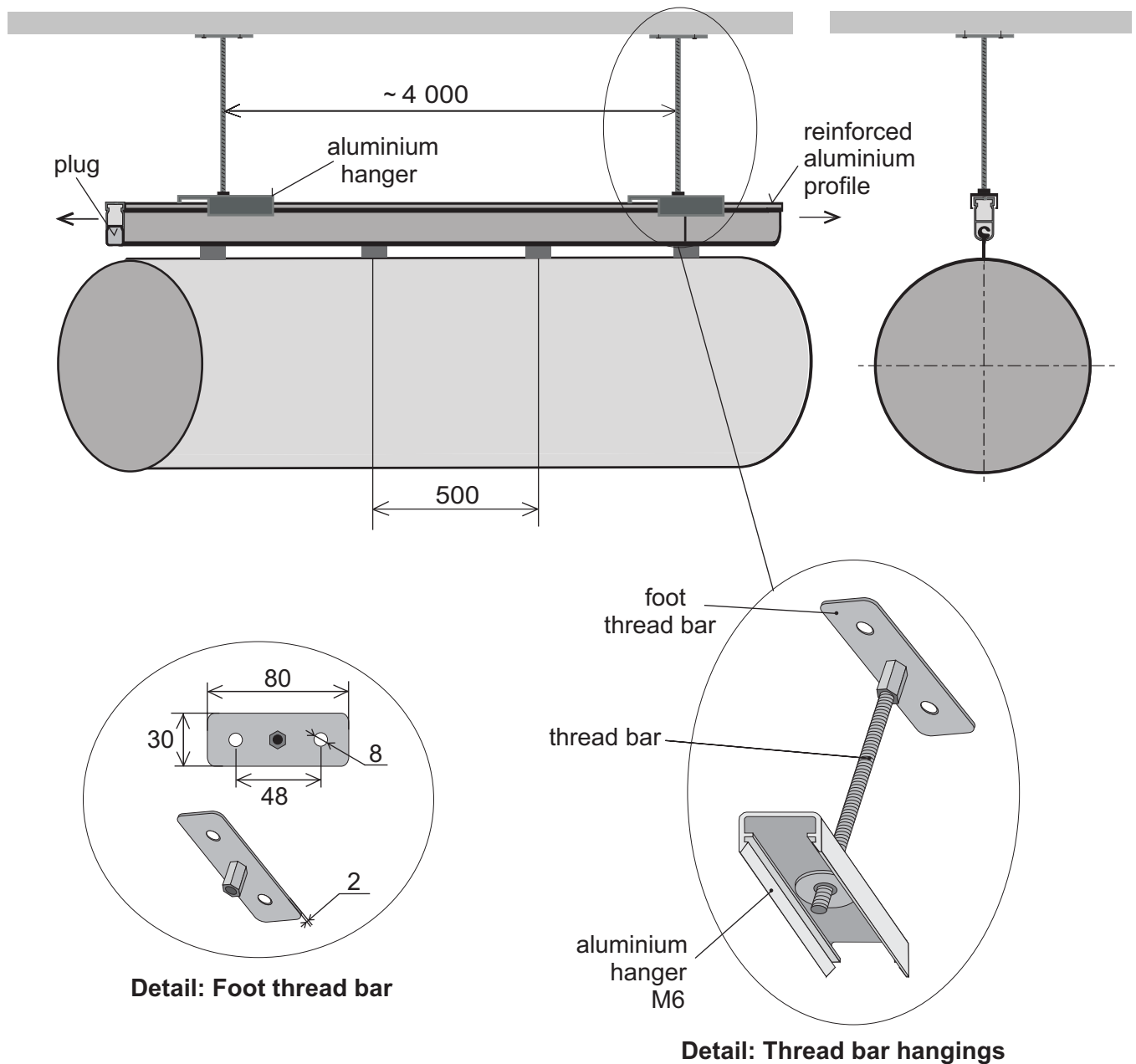
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5EI

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3. INSTALLATION



3. INSTALLATION

5EI

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

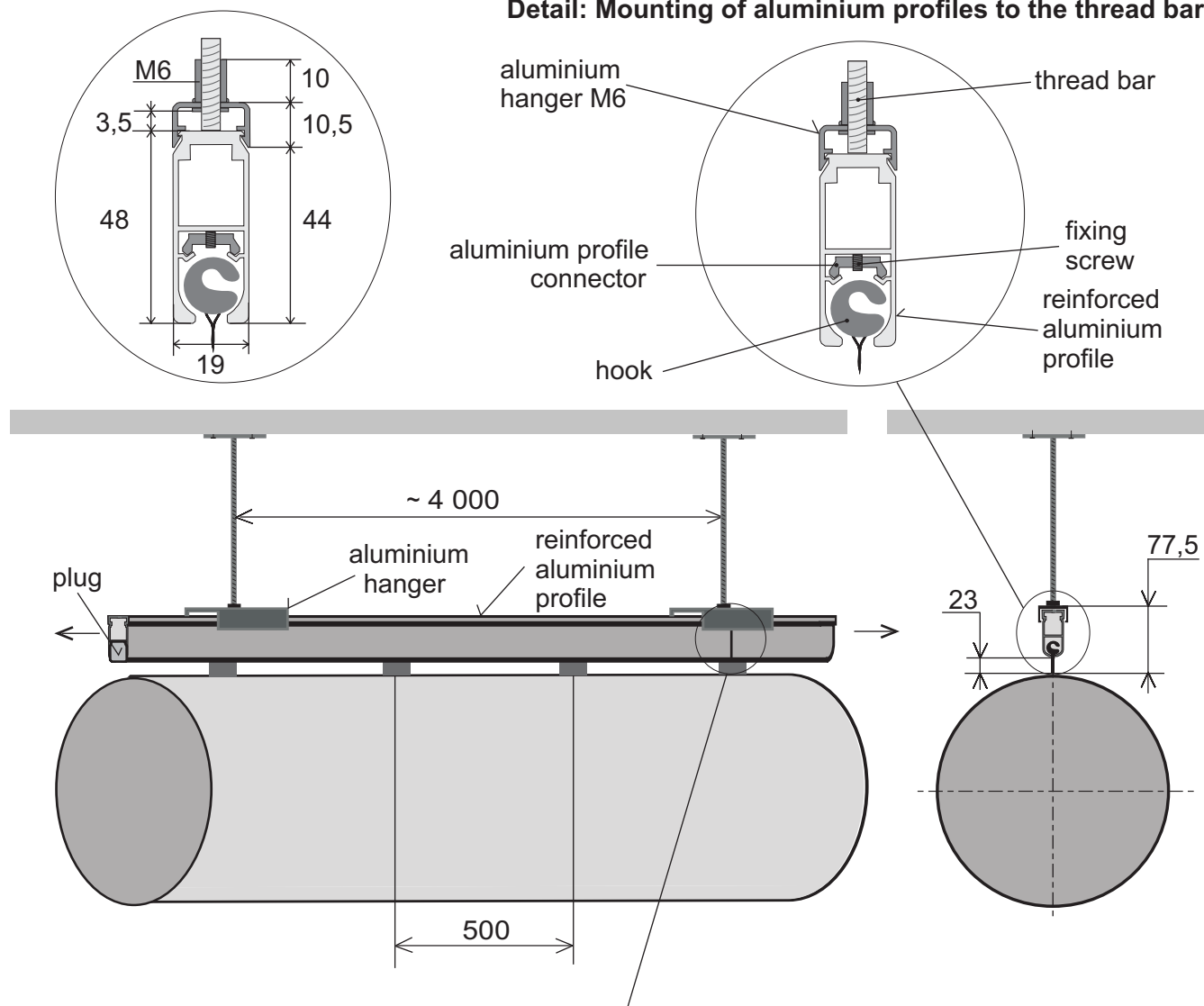
3. INSTALLATION

5EIL

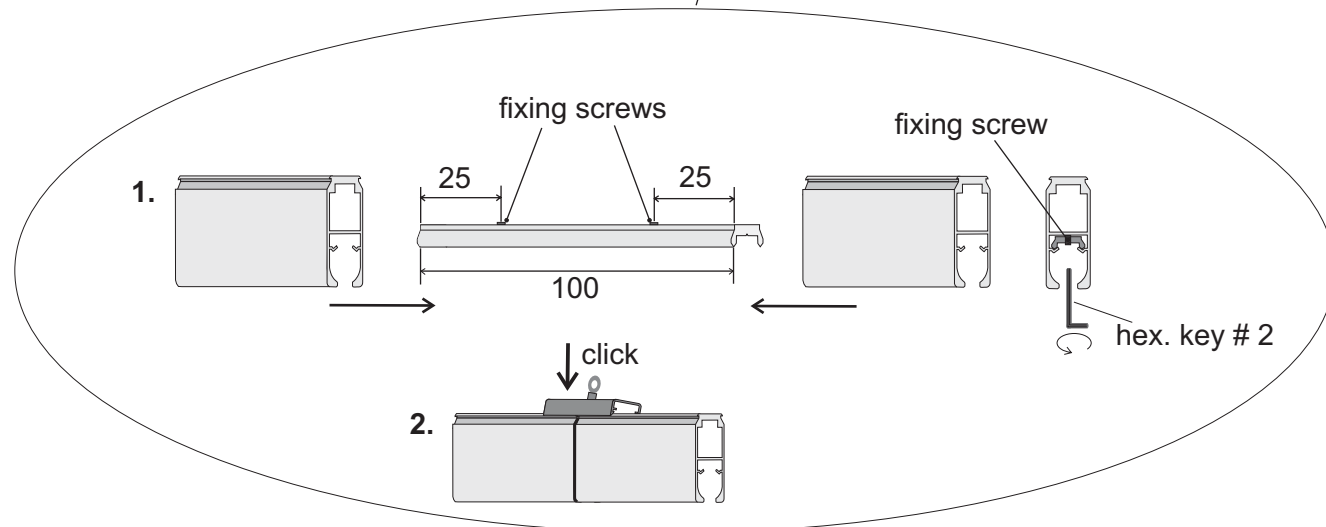
SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Joining of profiles



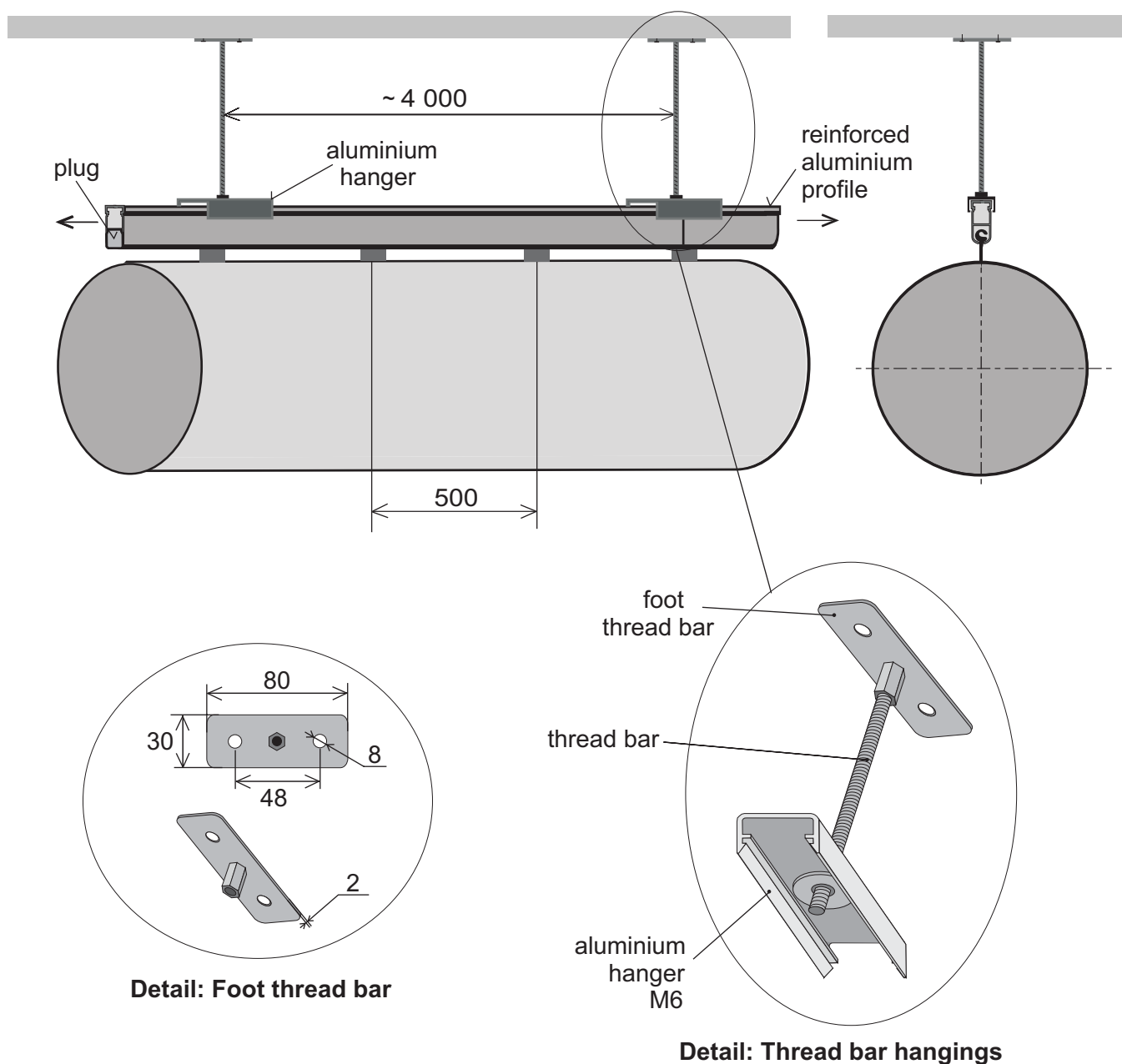
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5EIL

SECTION C

3. INSTALLATION



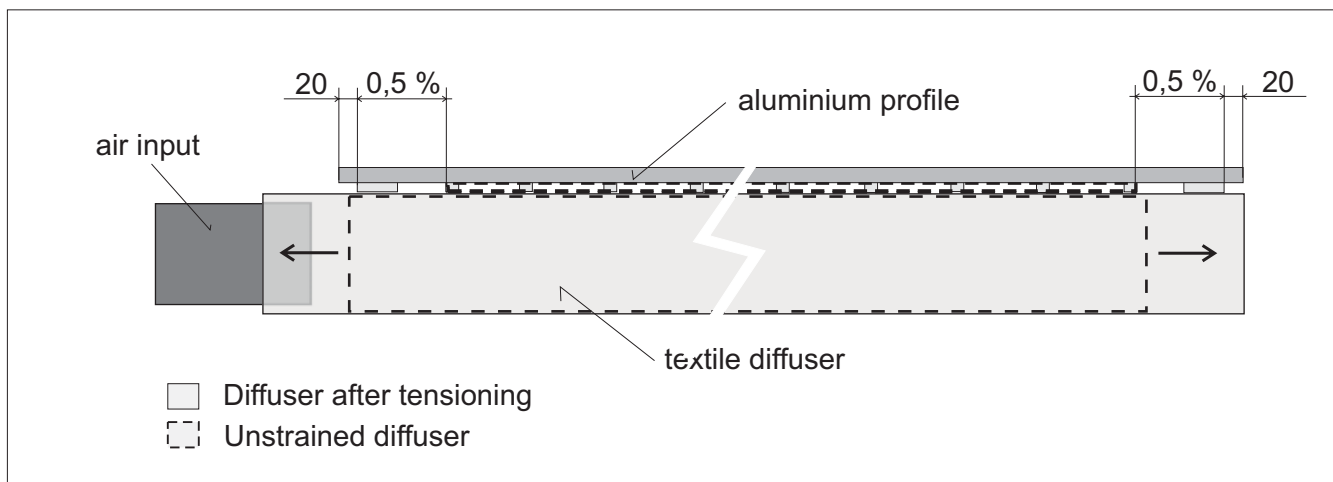
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

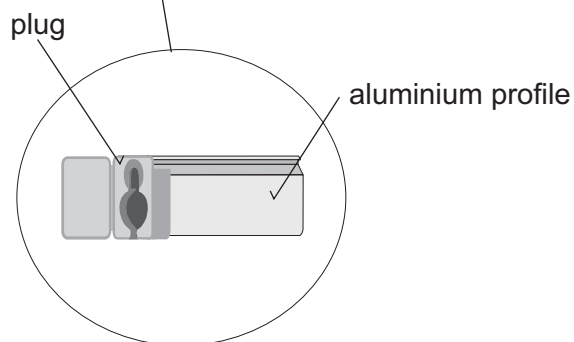
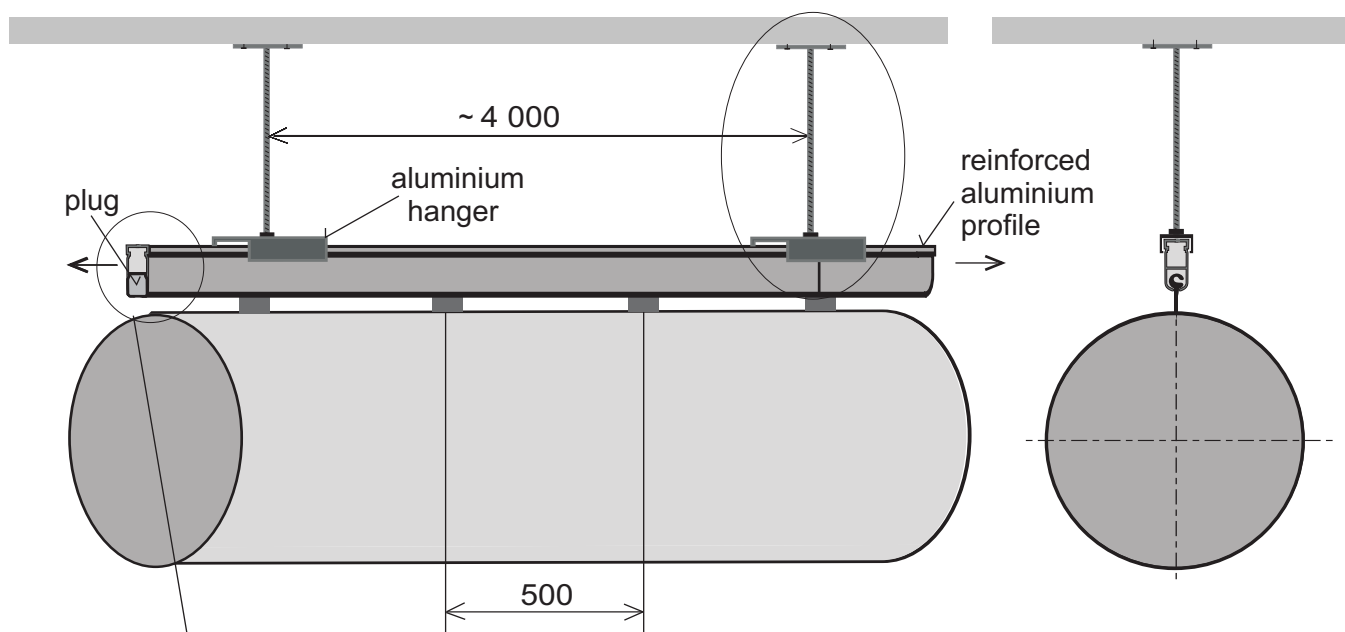
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SECTION C

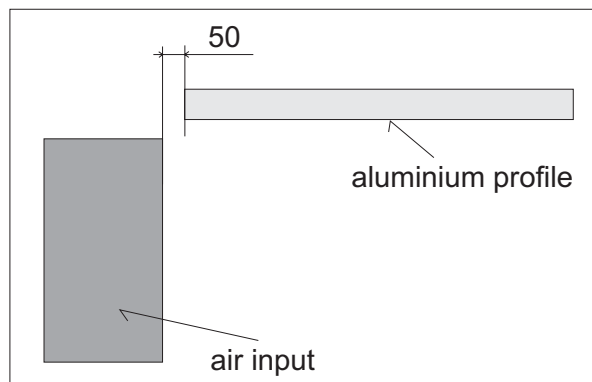
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

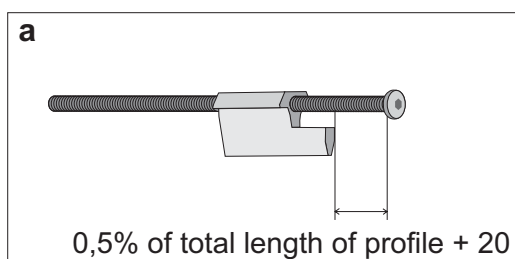
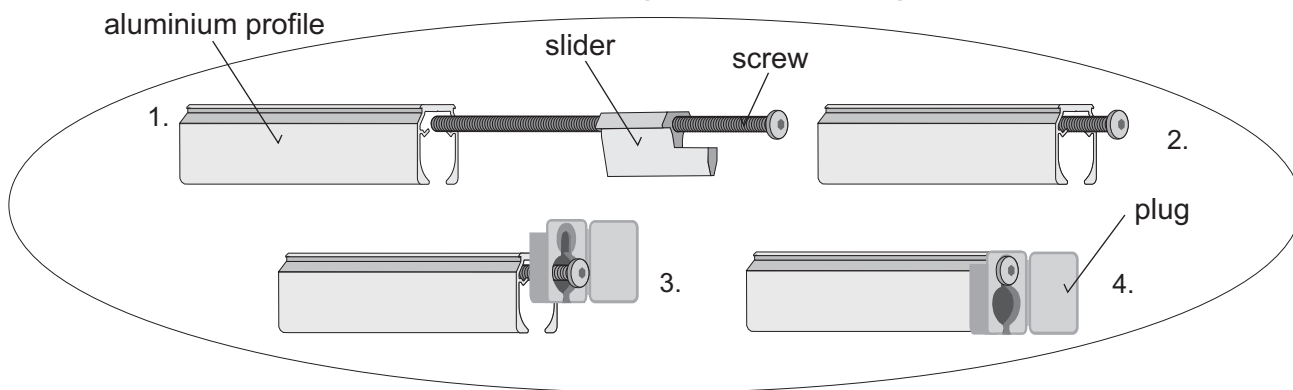
3. INSTALLATION

5EIL

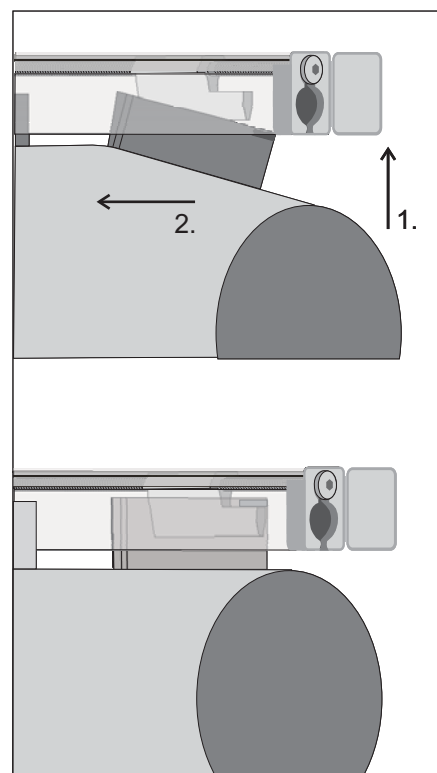
SECTION C

3. INSTALLATION

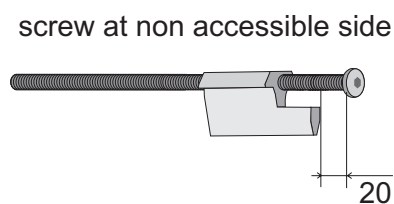
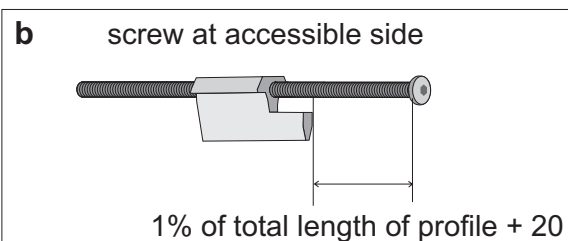
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5EIL

SECTION C

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**

Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").

Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**

Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

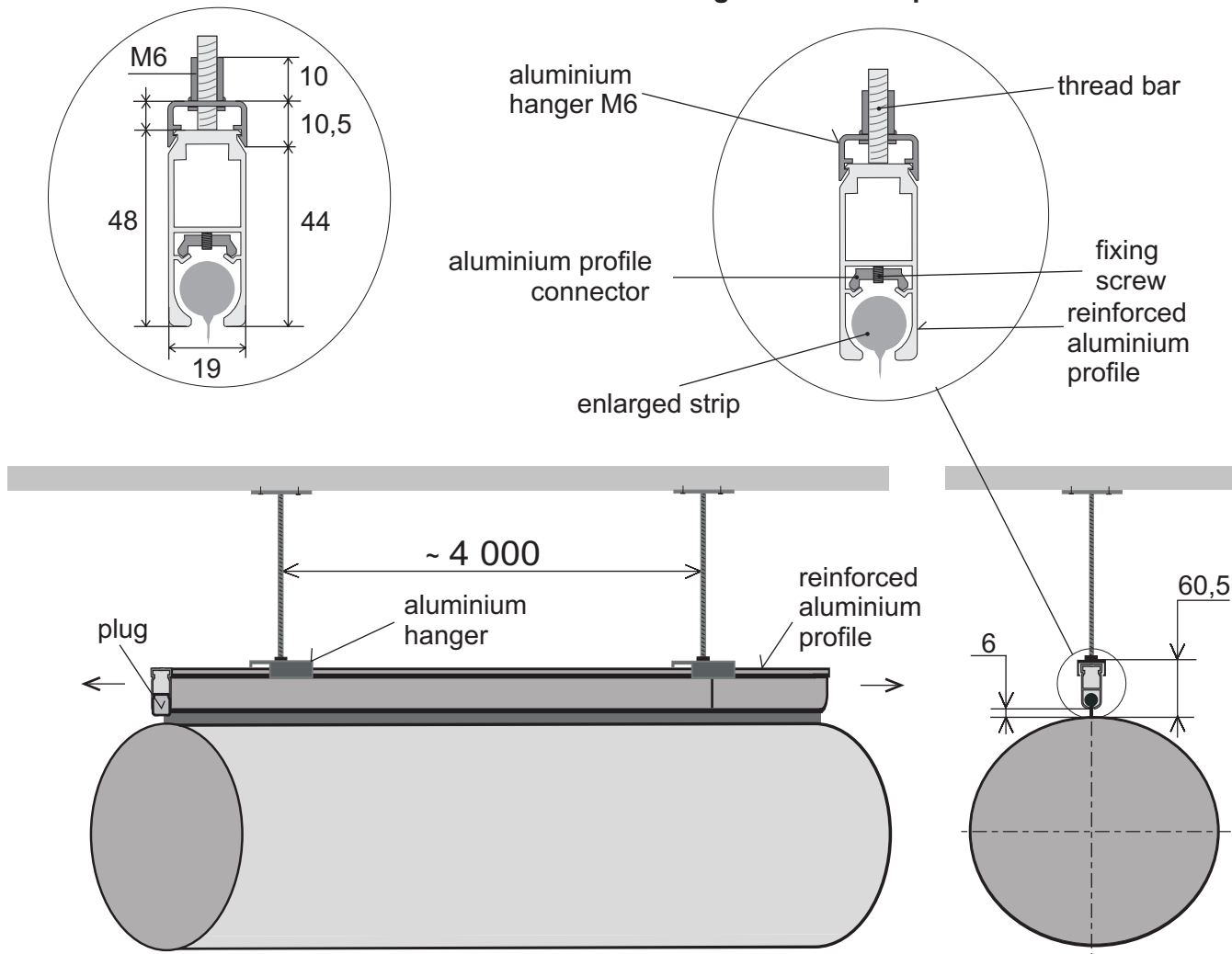
3. INSTALLATION

5AEI

SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

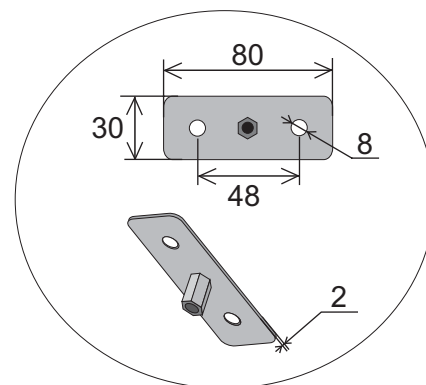
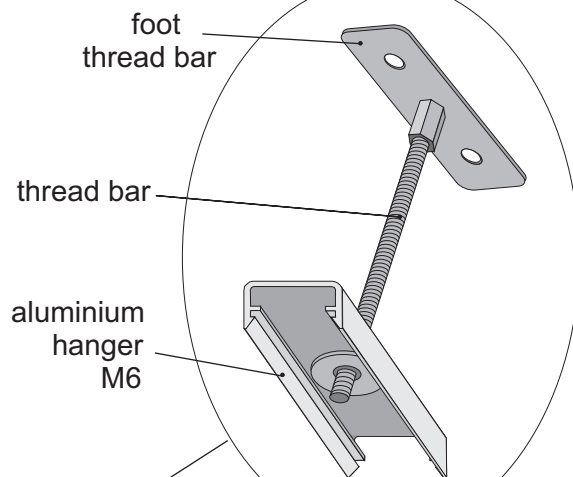
3. INSTALLATION

5AEI

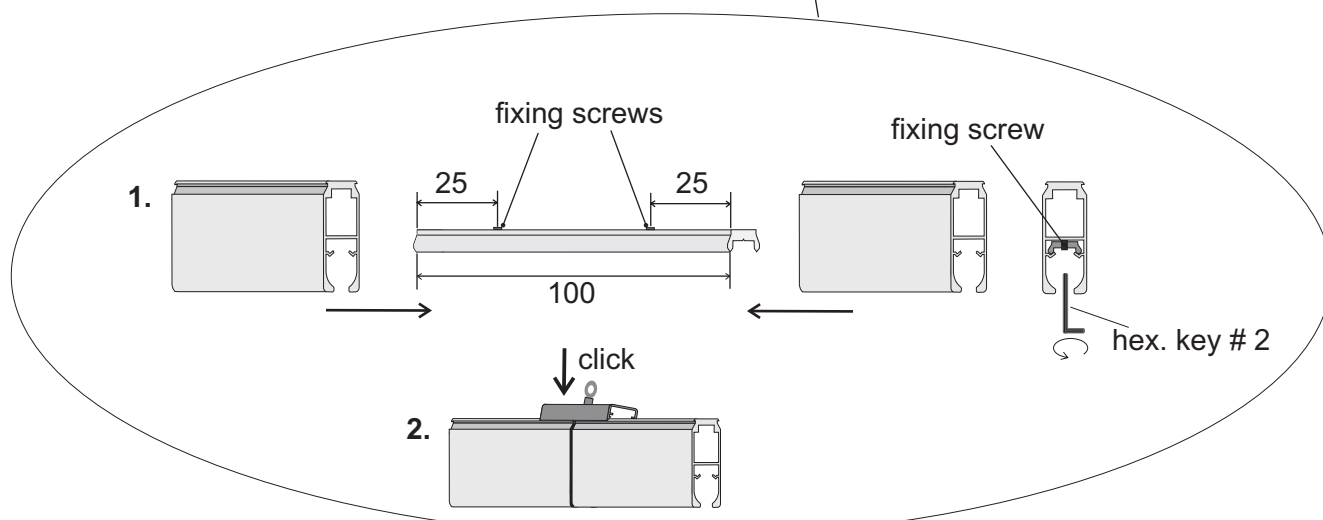
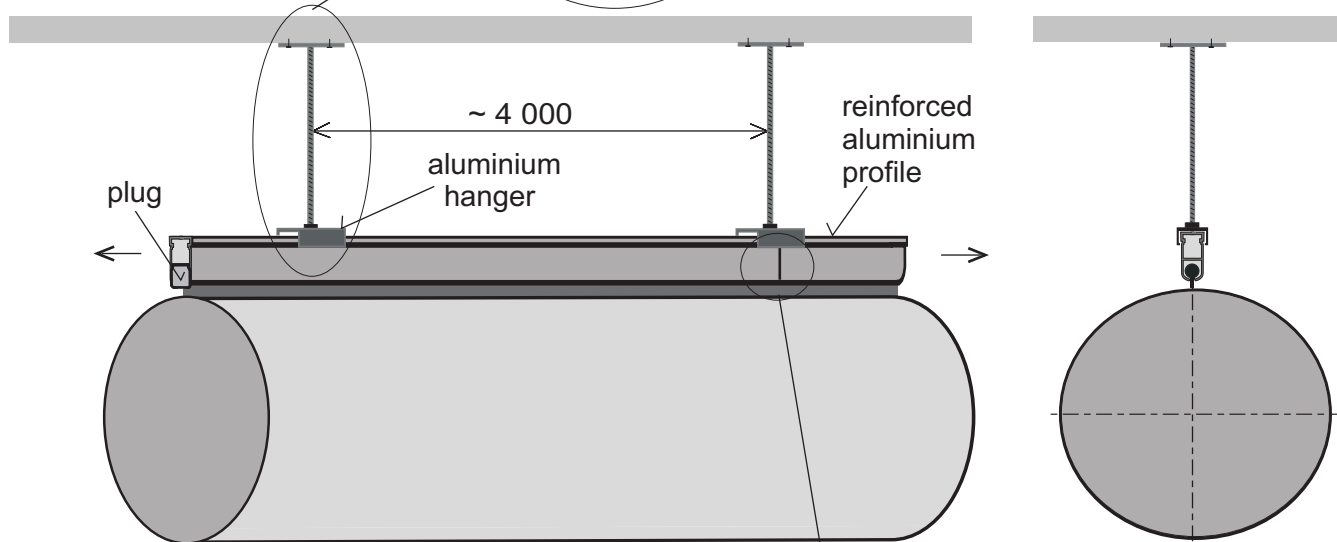
SECTION **C**

3. INSTALLATION

Detail: Thread bar hangings



Detail: Foot thread bar



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AEI

SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

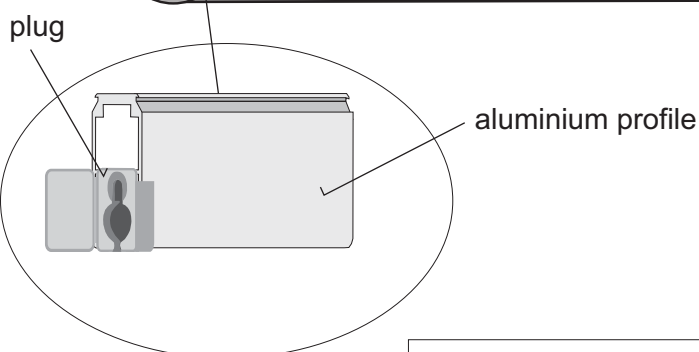
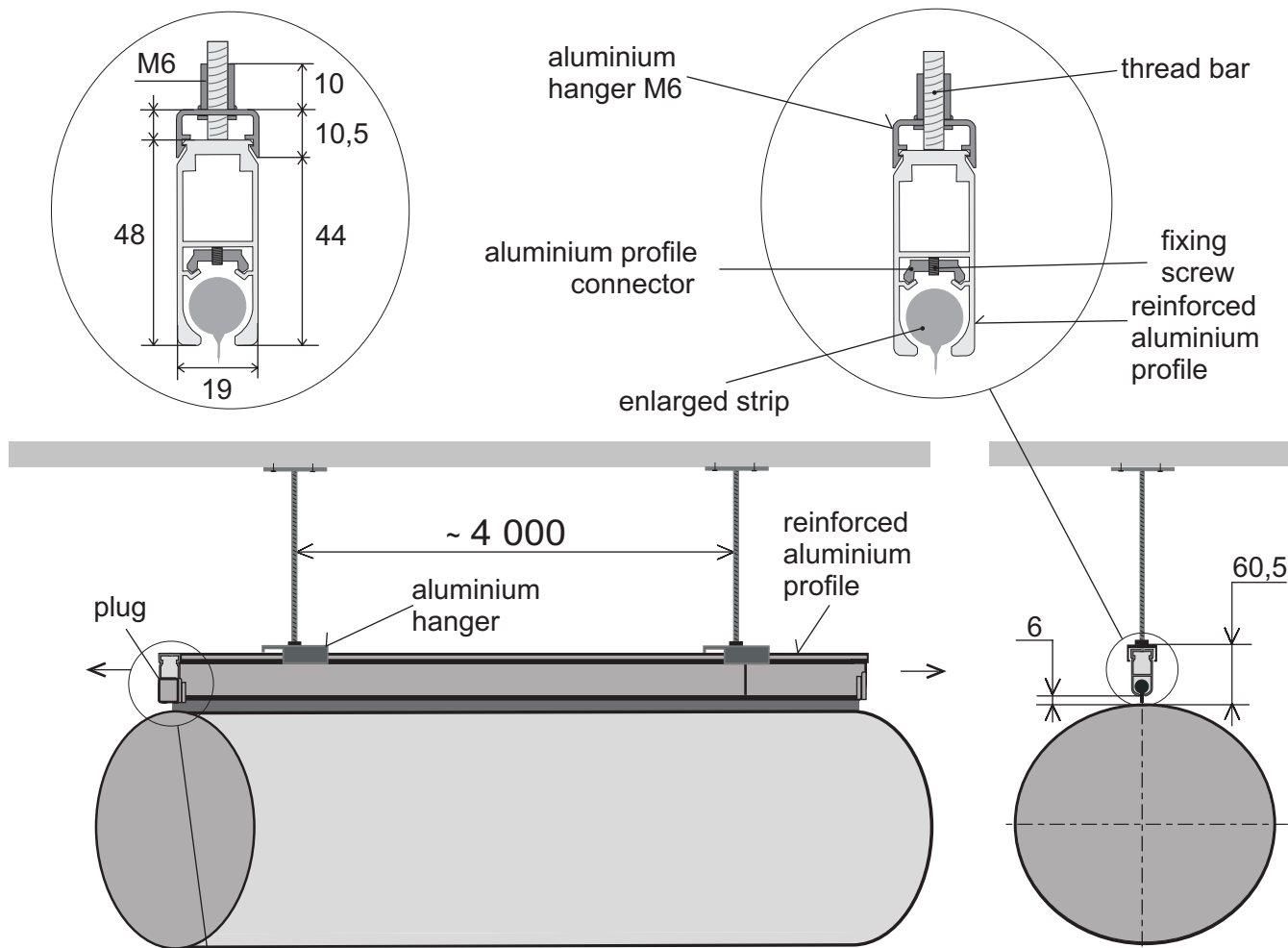
3. INSTALLATION

5AEIL

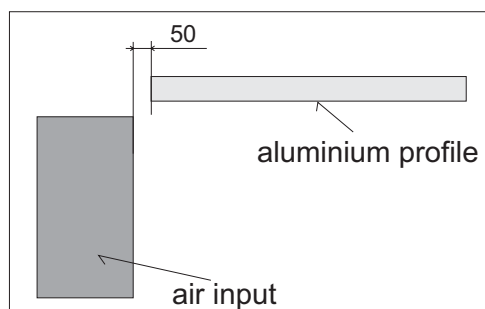
SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

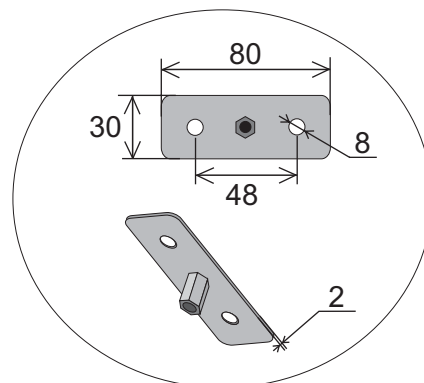
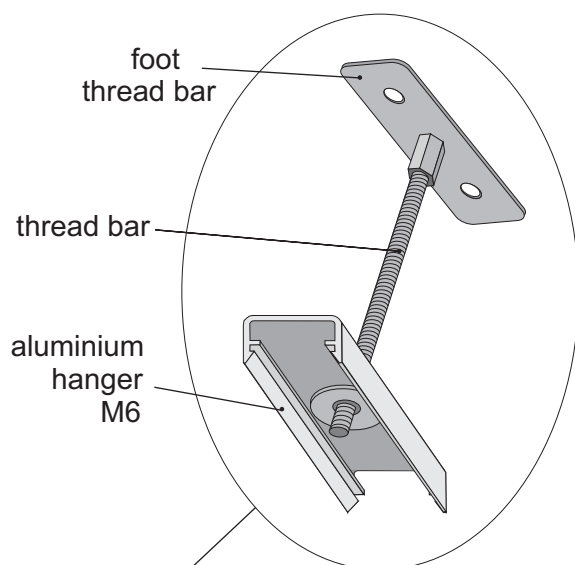
3. INSTALLATION

5AEIL

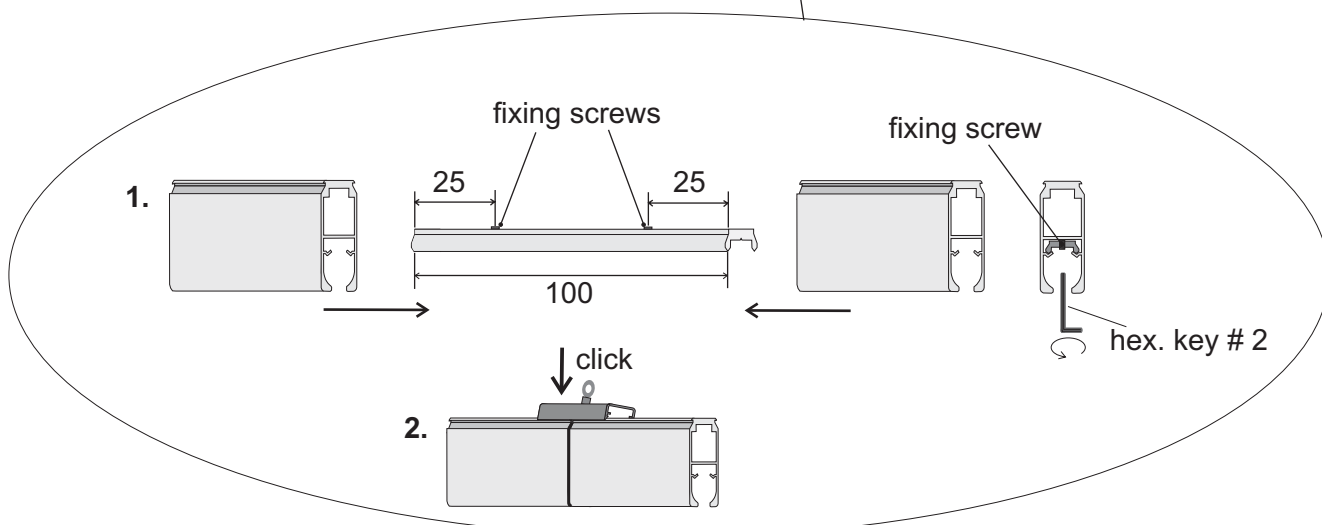
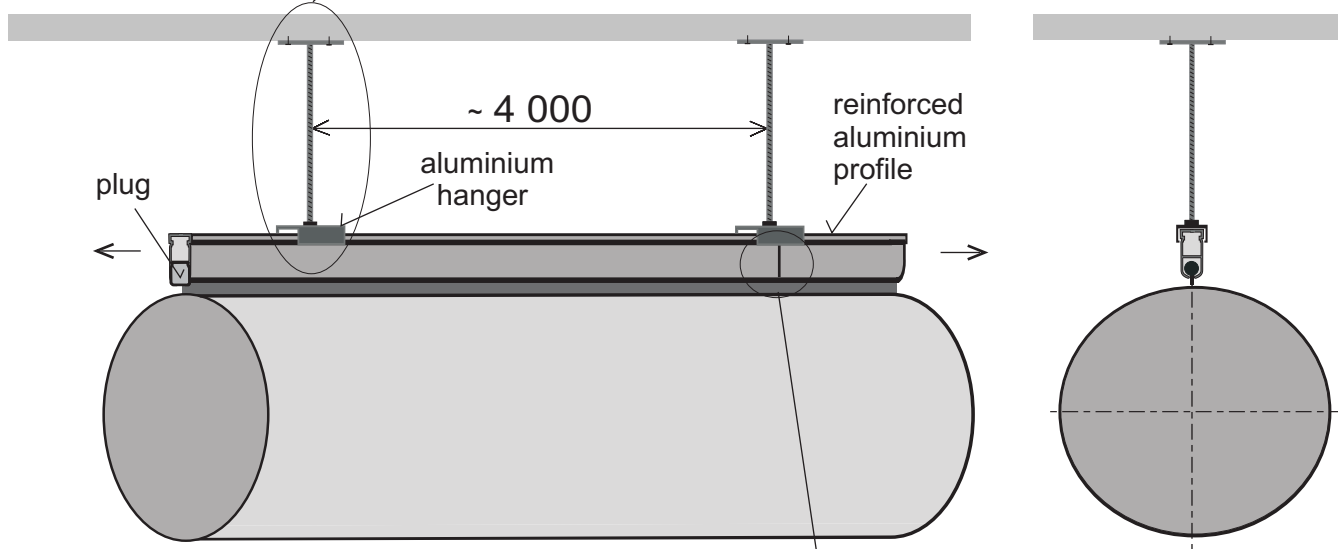
SECTION **C**

3. INSTALLATION

Detail: Thread bar hangings



Detail: Foot thread bar



Detail: Joining of profiles

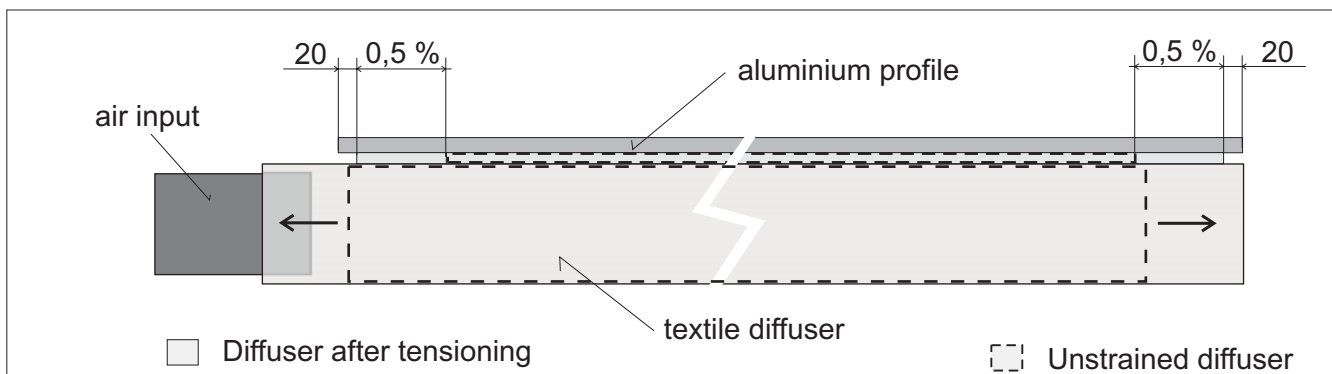
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

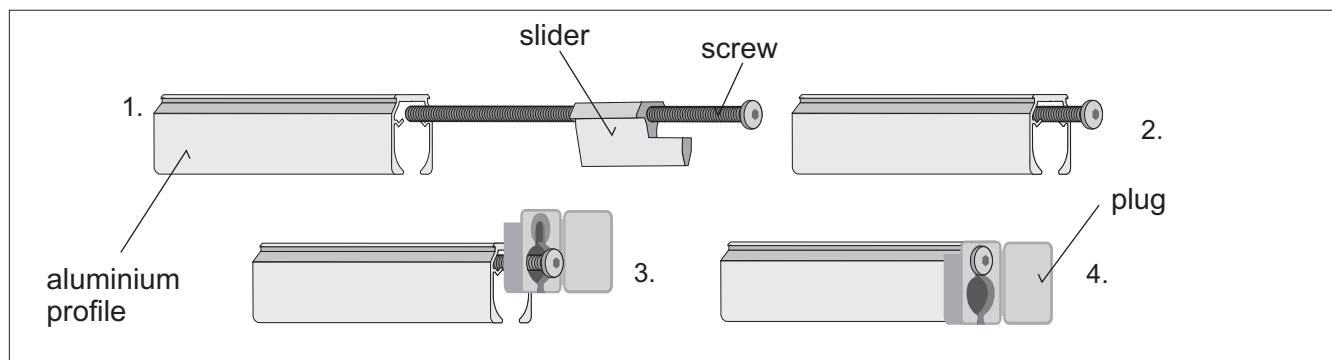
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SECTION **C**

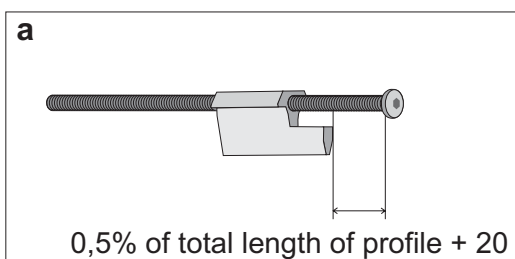
3. INSTALLATION



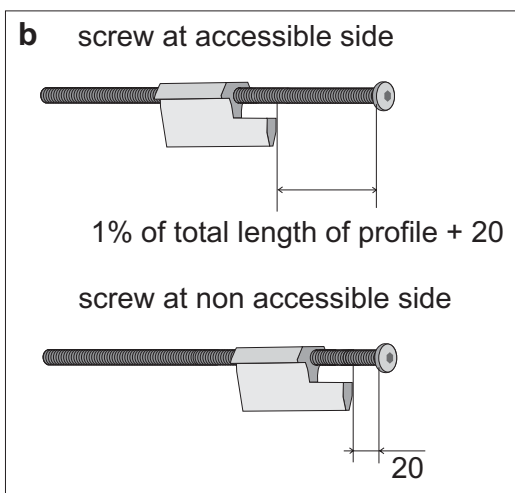
Concept of tensioning



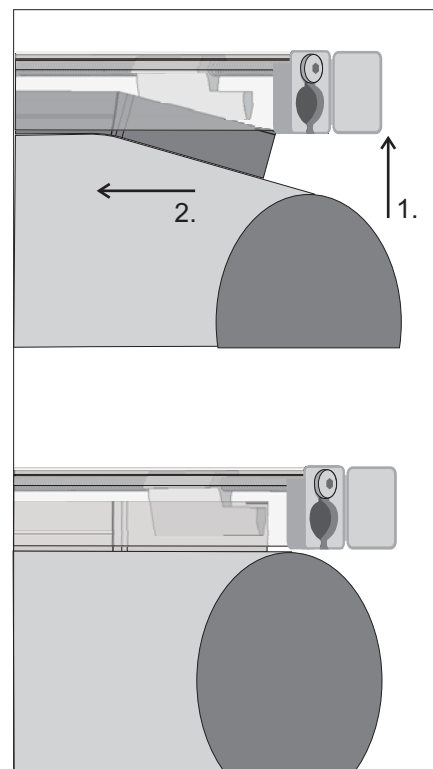
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Setting of slider - b



Details: Fitting pocket with slider

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

5AEIL

SECTION C

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

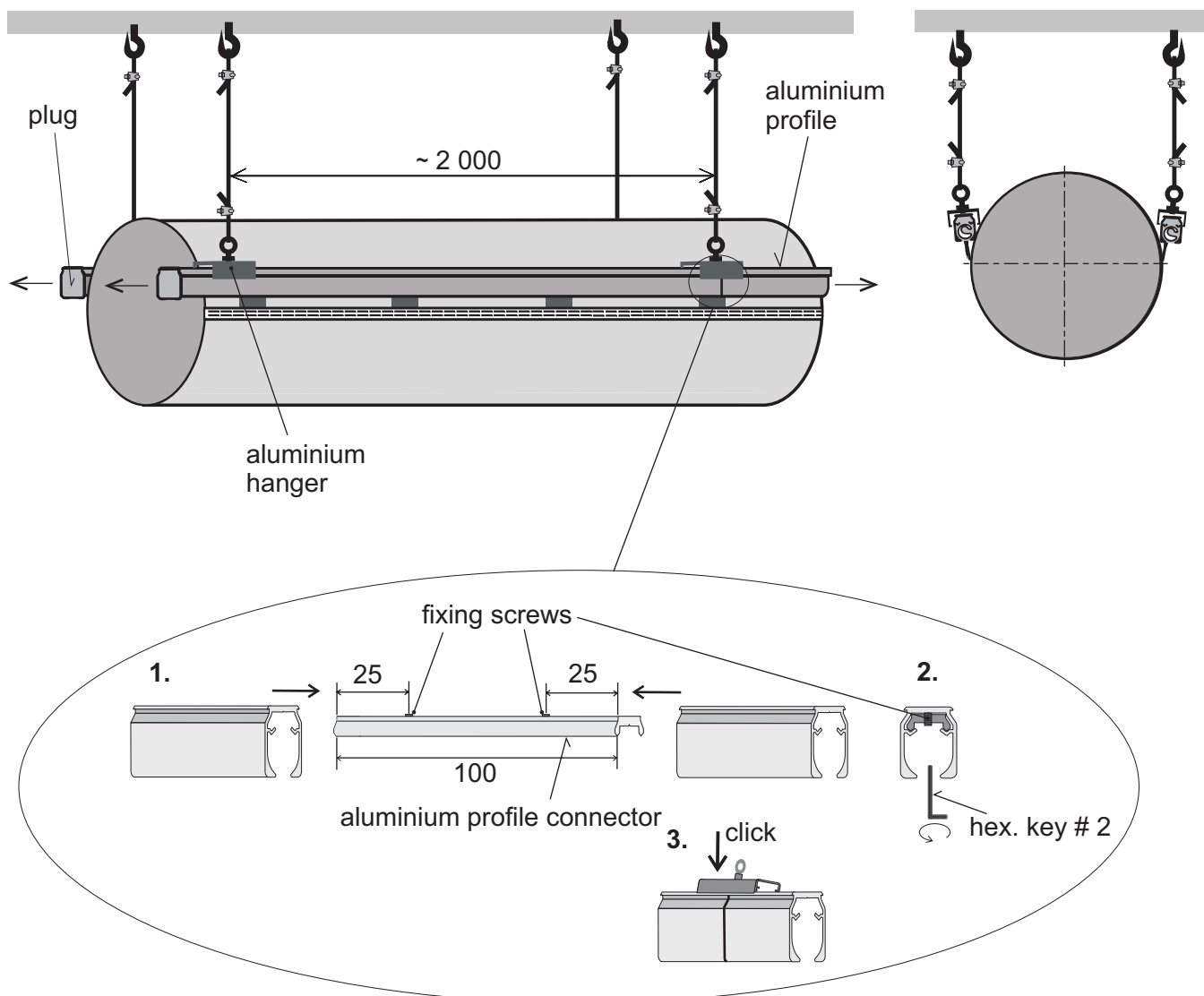
6

6D

6F

SECTION C

3. INSTALLATION



Detail: Joining of profiles

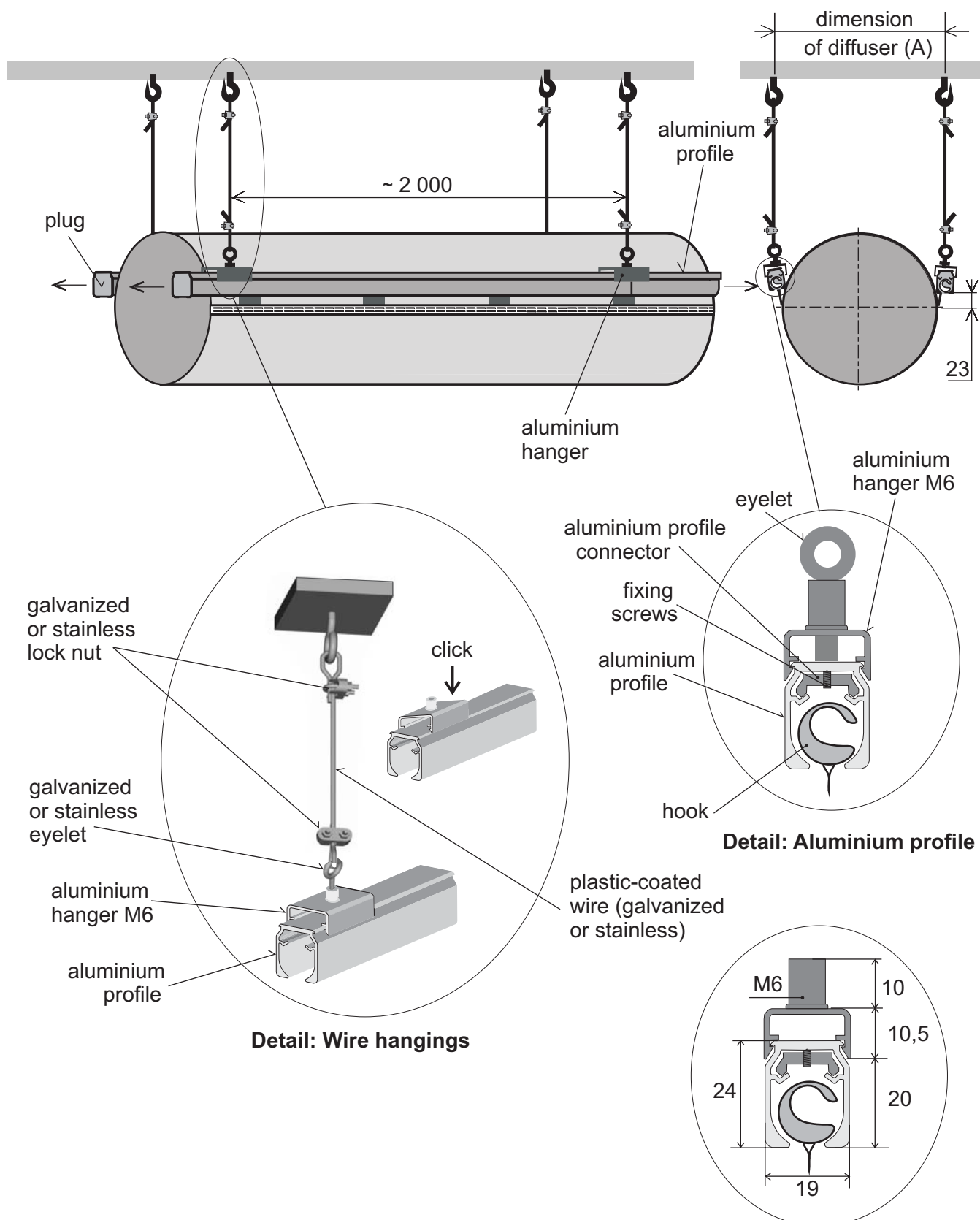
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6 6D 6F

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of two rows vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



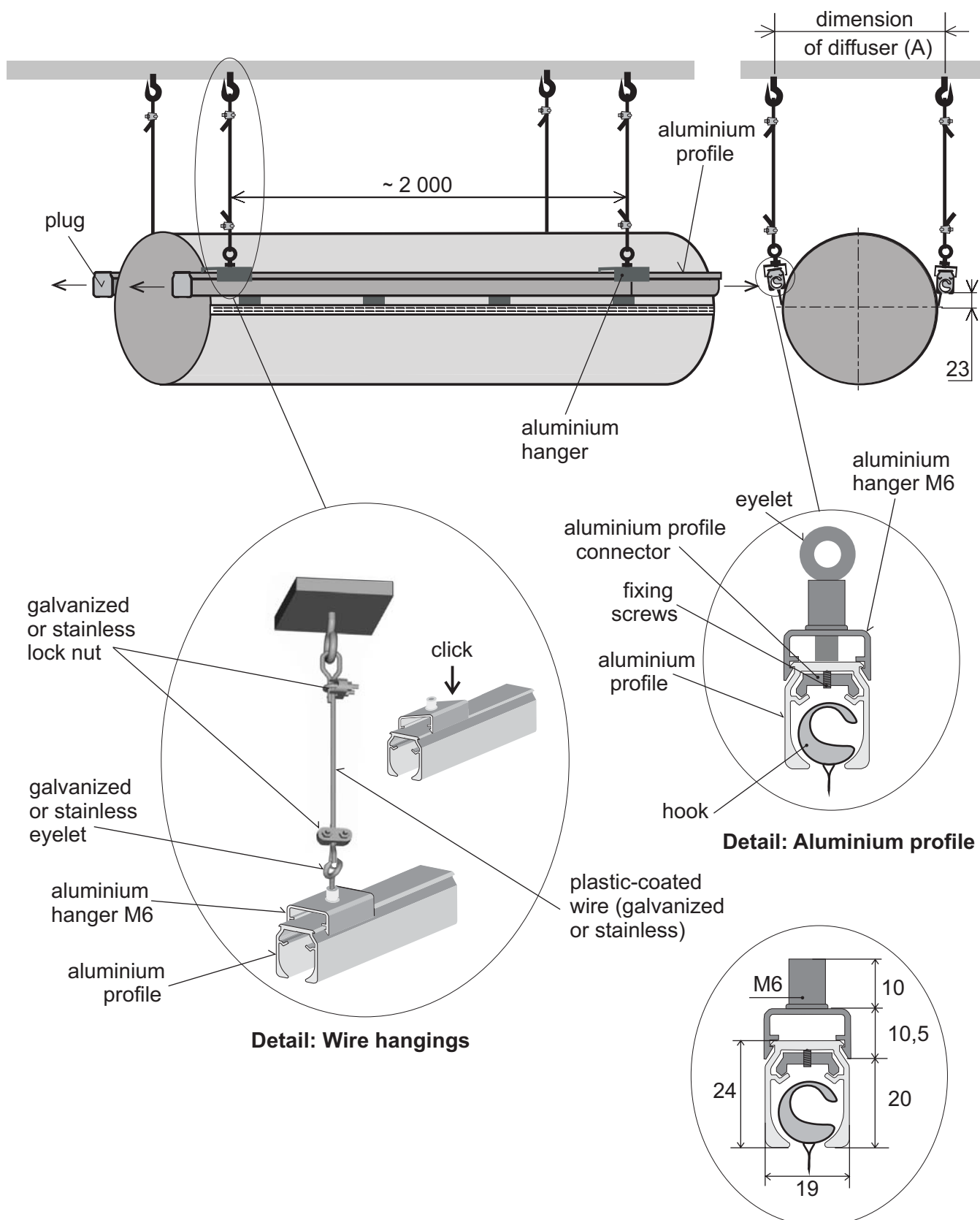
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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SECTION **C**

3. INSTALLATION



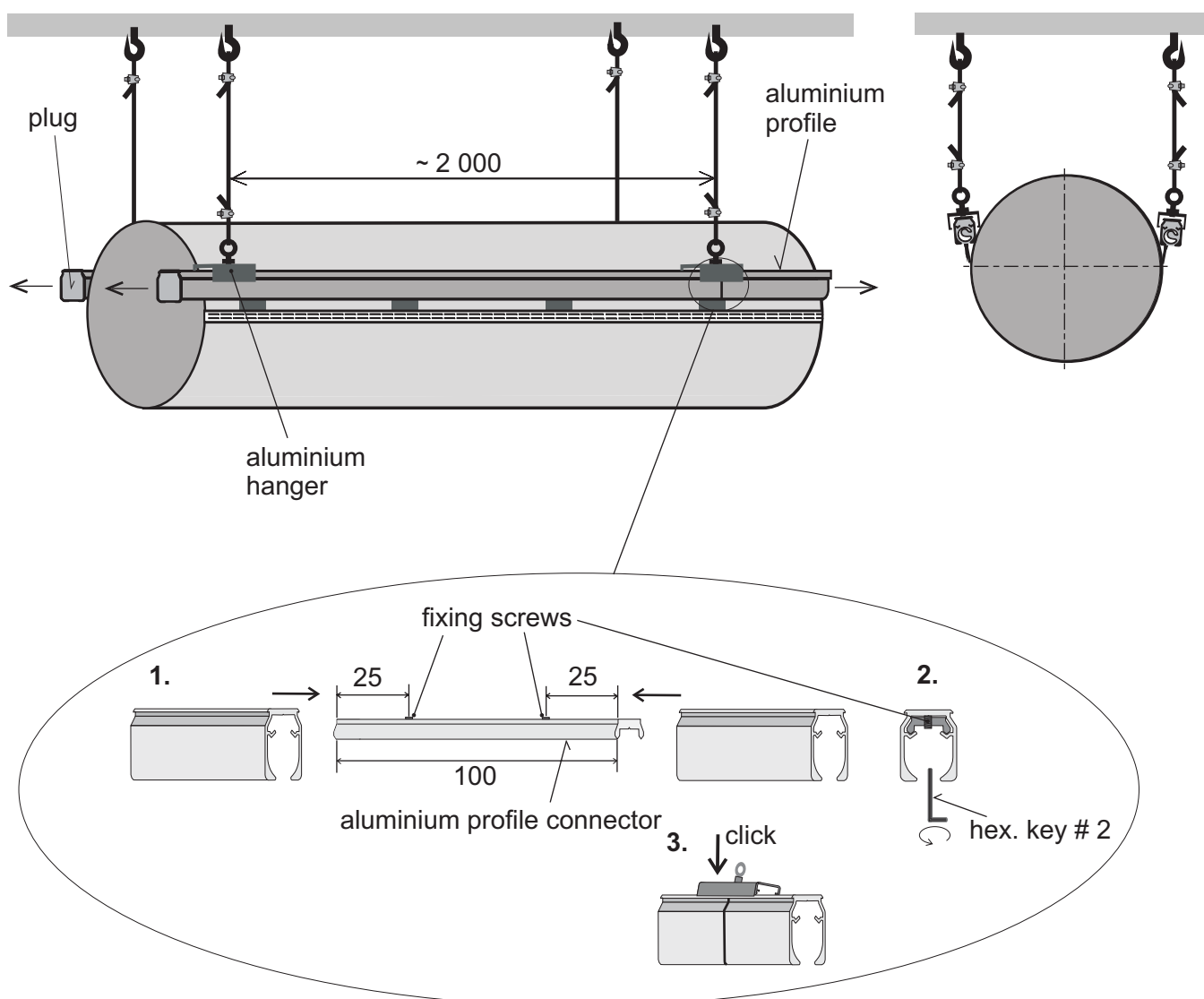
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6L 6DL 6FL

SECTION C

3. INSTALLATION



Detail: Joining of profiles

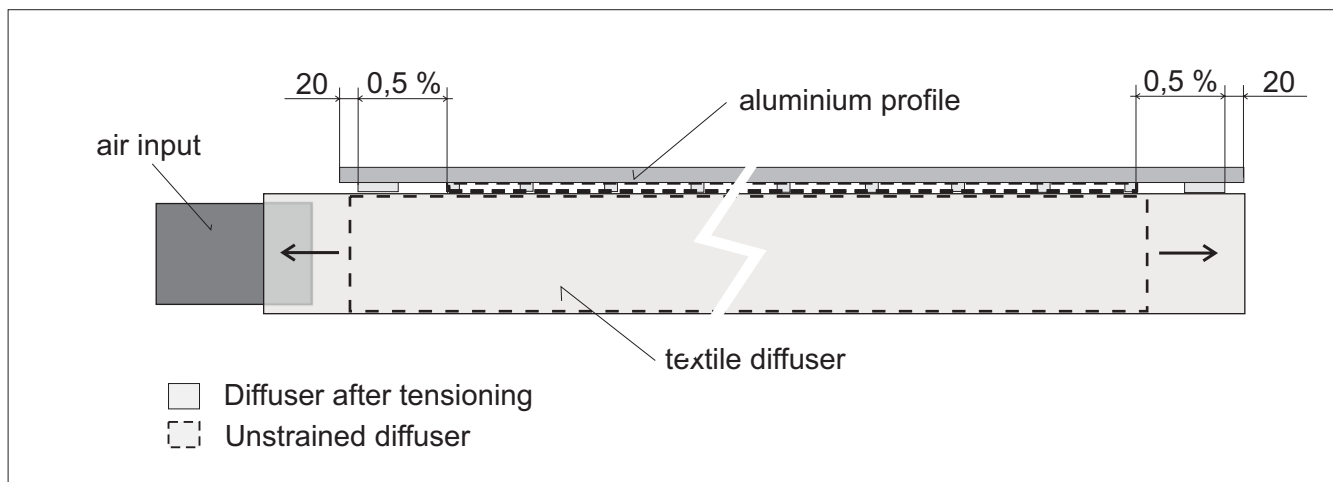
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

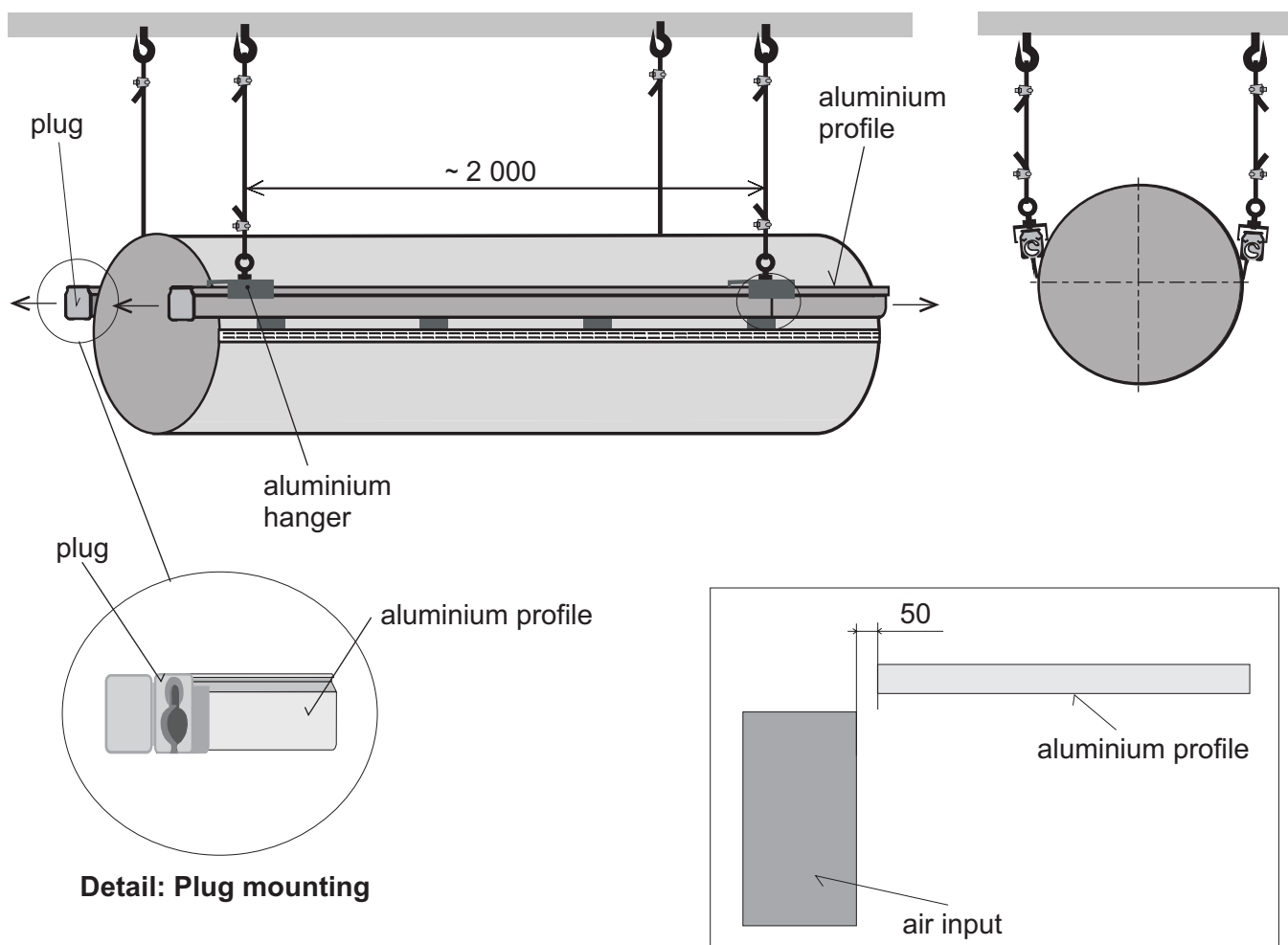
6L 6DL 6FL

SECTION C

3. INSTALLATION



Concept of tensioning



Detail: Plug mounting

Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

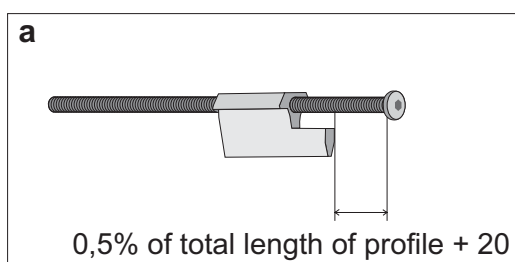
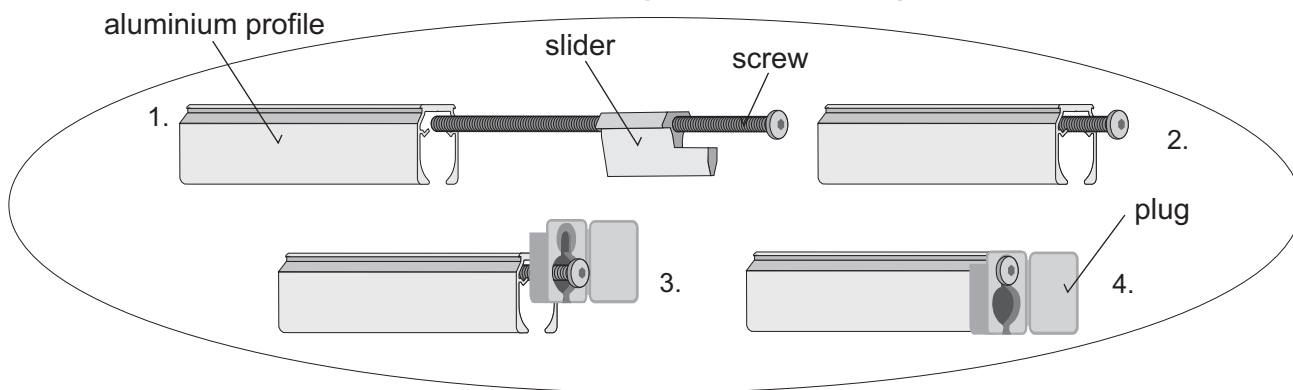
3. INSTALLATION

6L **6DL** **6FL**

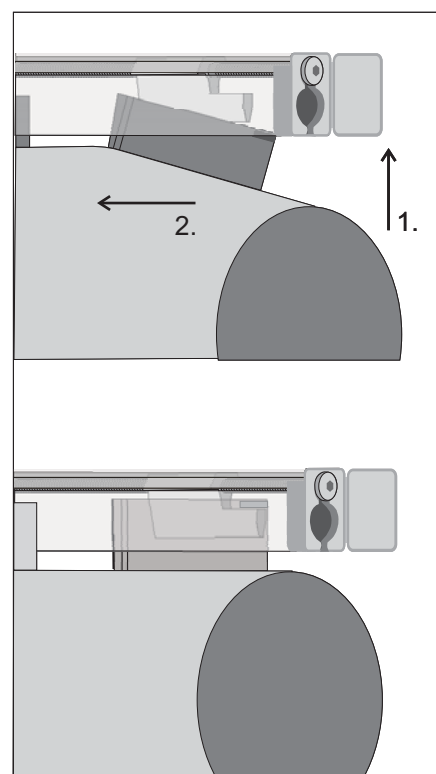
SECTION **C**

3. INSTALLATION

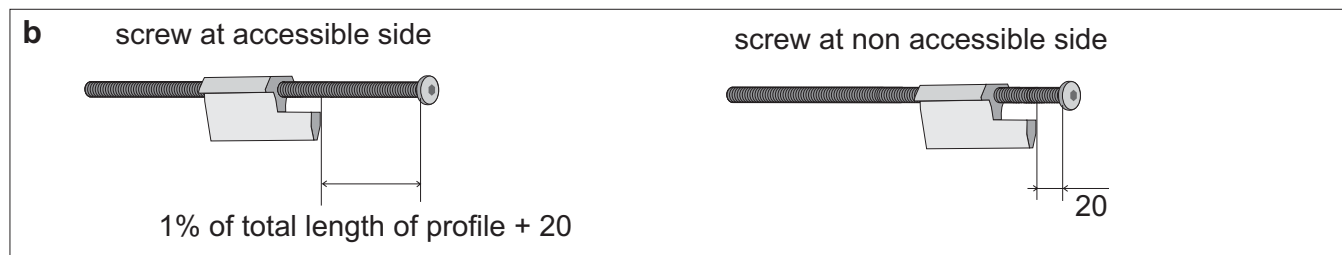
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6L **6DL** **6FL**

SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**

Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").

Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**

Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

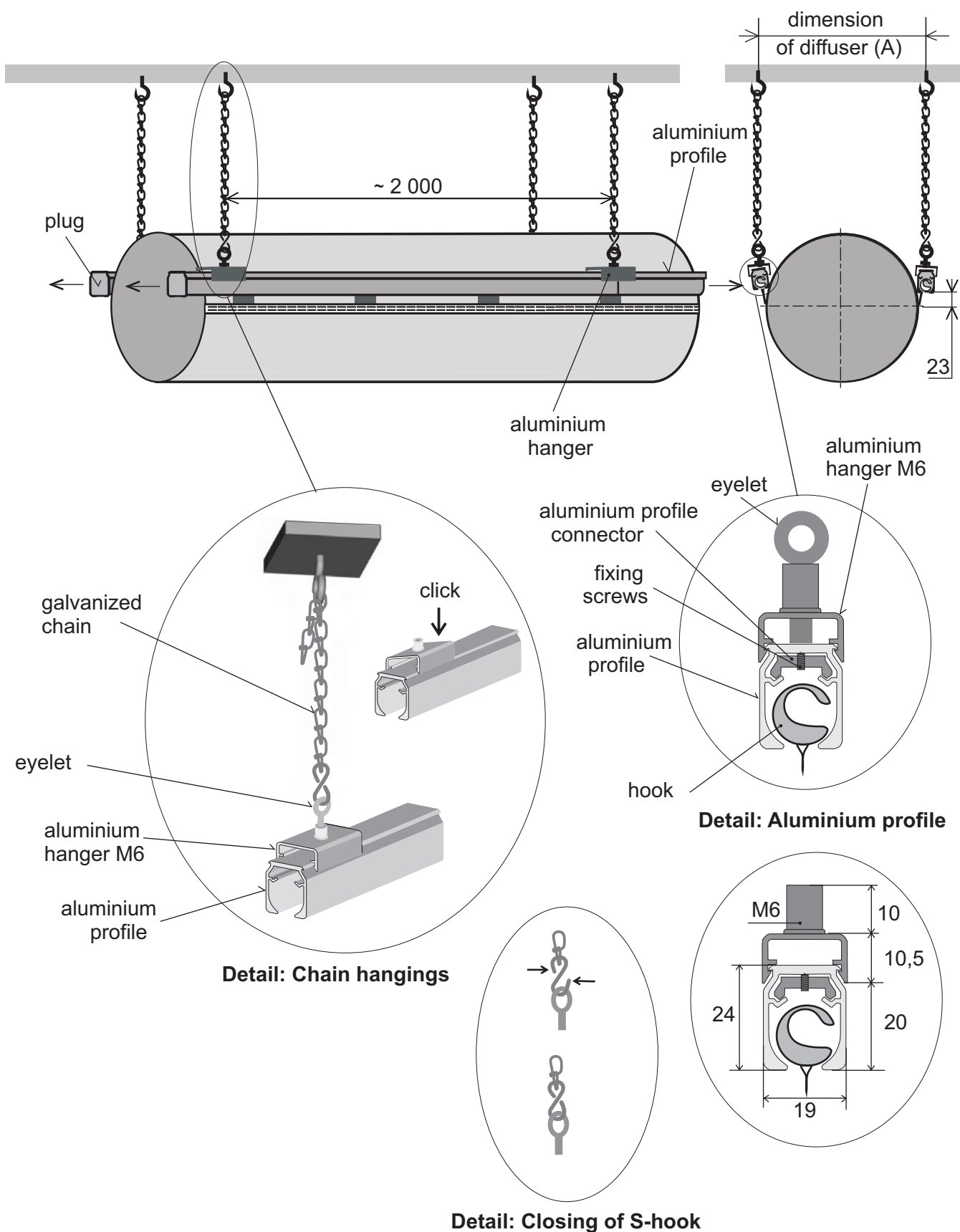
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6K

SECTION C

3. INSTALLATION



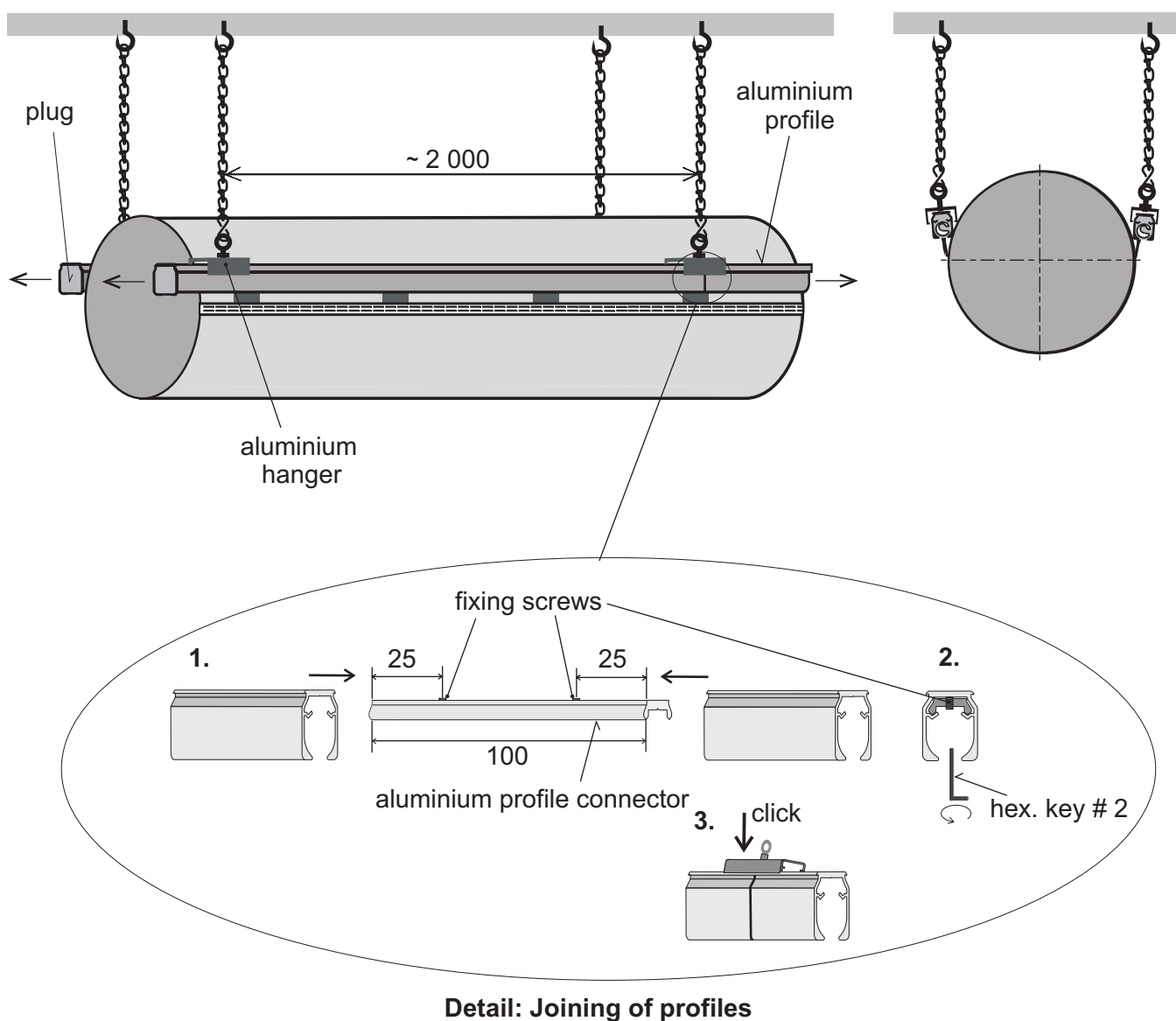
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6K

SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

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6K

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3. INSTALLATION

- 1. Lay-out of fastening points for chain hanging:** On the ceiling or other structure above diffuser mark the position of fastening points for chain hanging (see "Detail: Chain hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Preparation of aluminium hangers.** Screw the eyelets to the aluminium hangers.
- 3. Installation of chain hangers:** Hang one end of chain on prepared fastening point. Place S-hook to both bottom link of chain and eyelet of aluminium hanger; close S-hooks by wire pliers as per "Detail: Closing of S-hook". It is necessary to keep the same length of chain hangers for straightness of aluminium profile. The length of chain hanger is easy adjustable by hanging for another link of chain at fastening points.
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



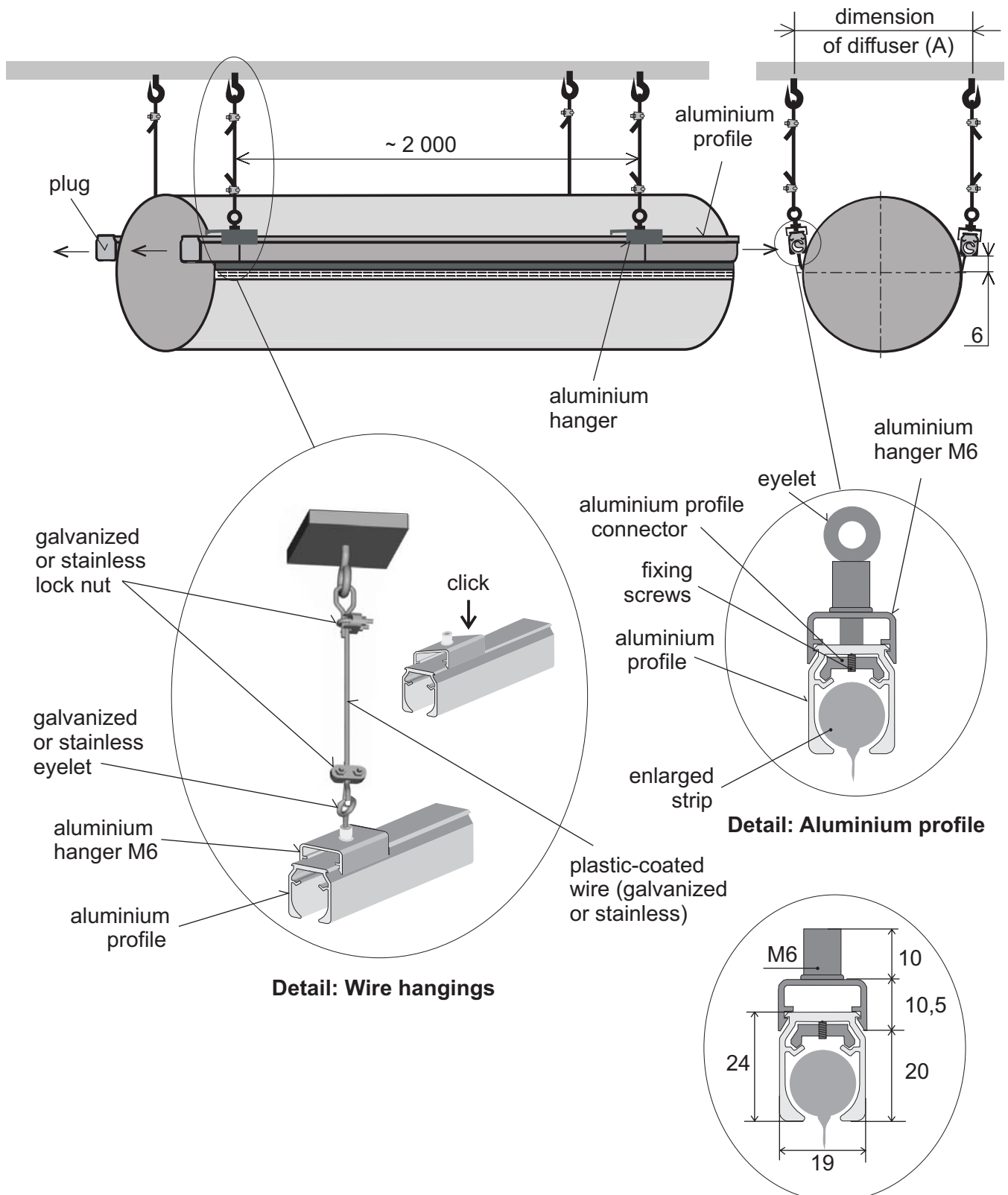
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6A **6AD** **6AF**

SECTION **C**

3. INSTALLATION



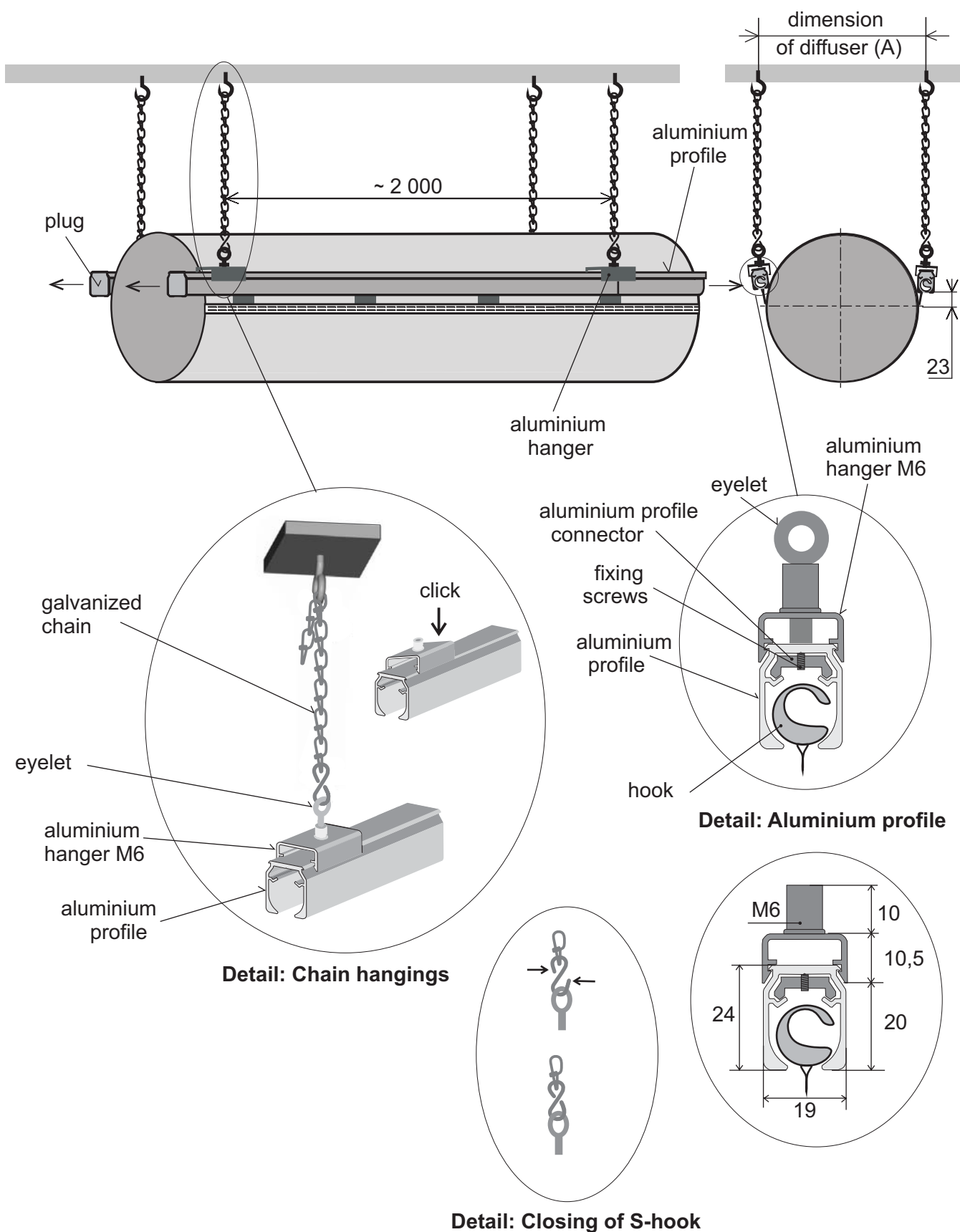
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6KL

SECTION C

3. INSTALLATION



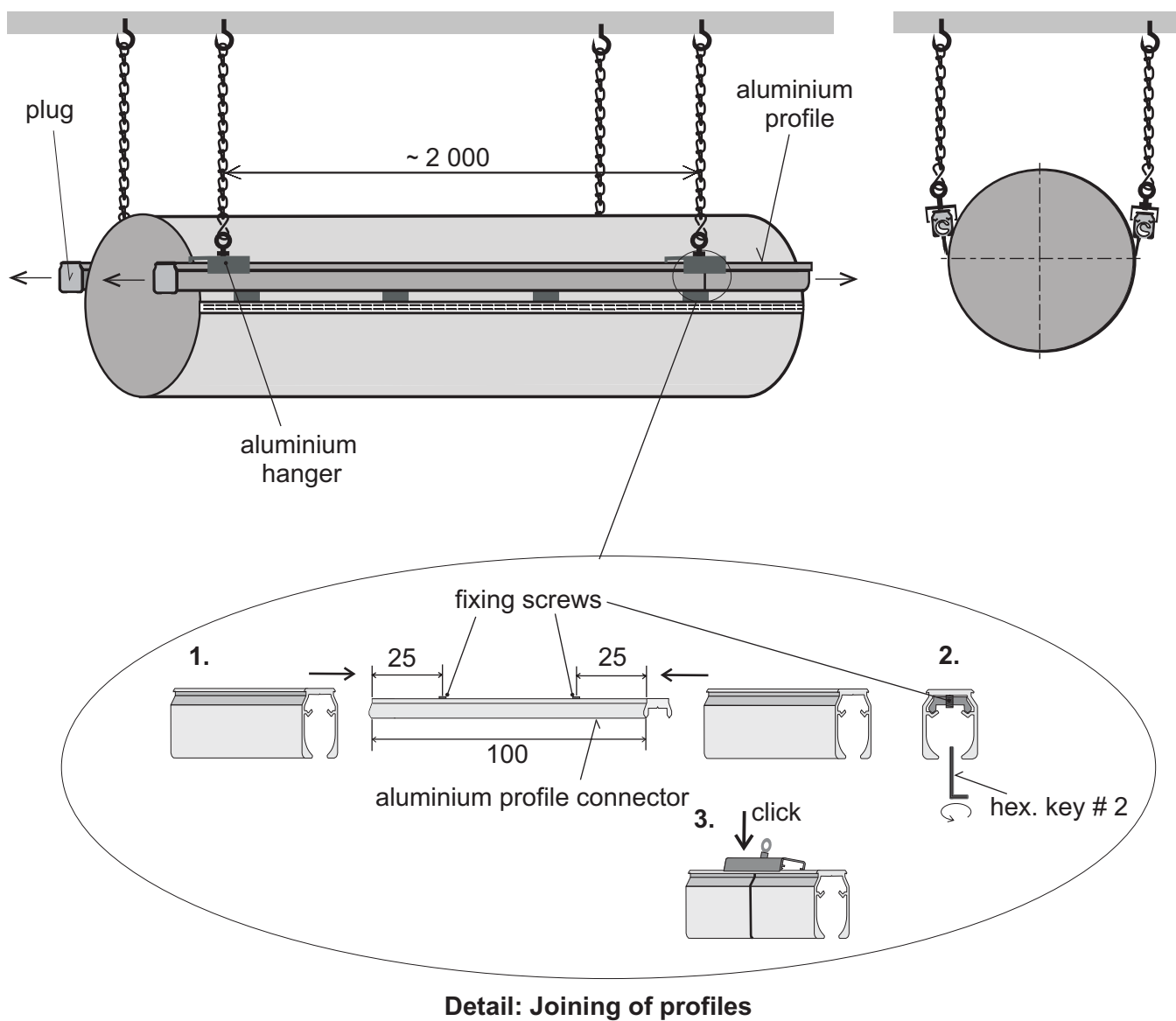
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6KL

SECTION C

3. INSTALLATION



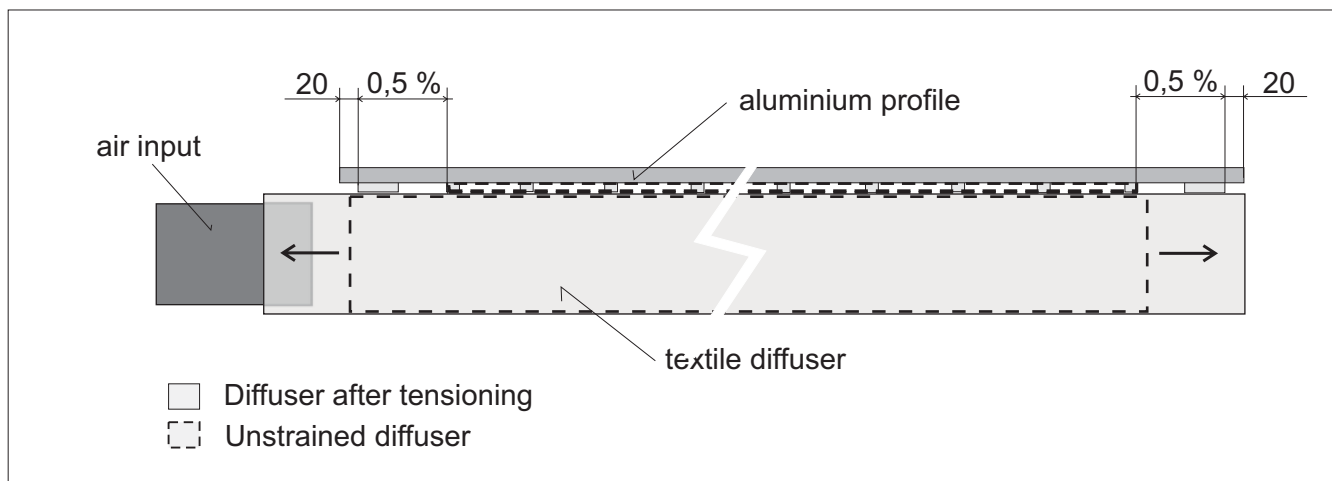
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

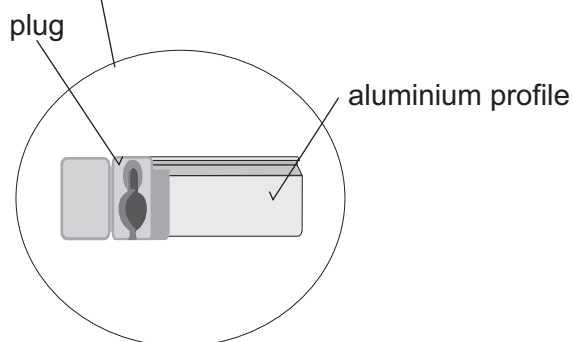
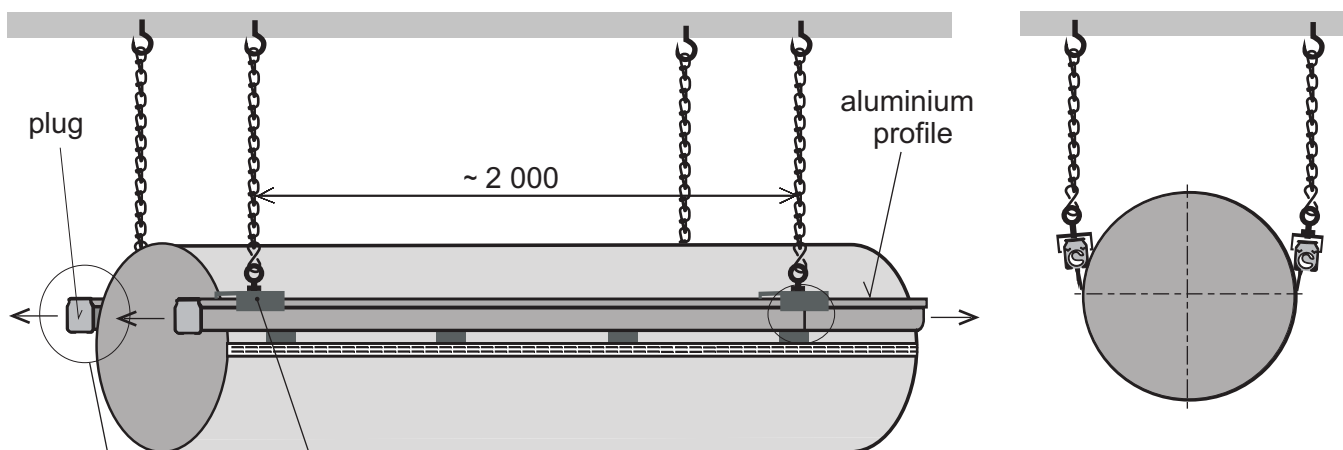
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SECTION C

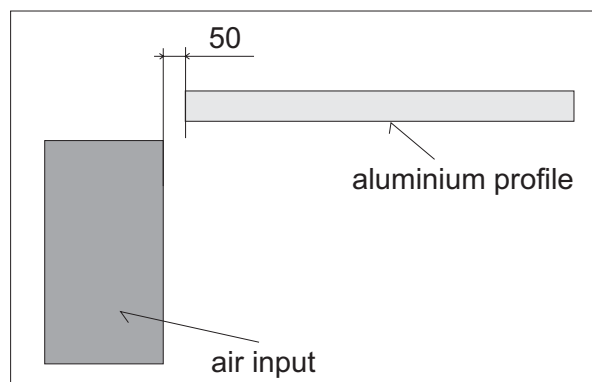
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

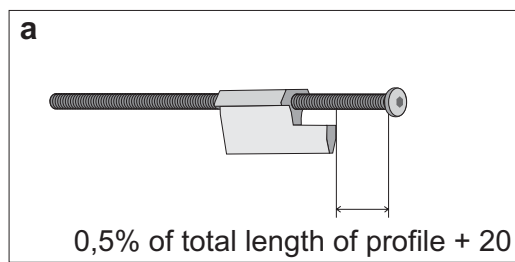
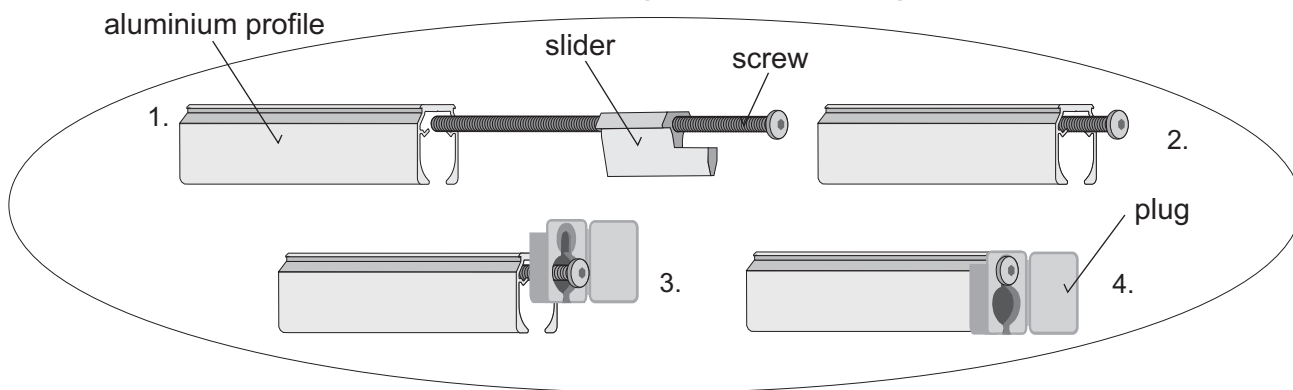
3. INSTALLATION

6KL

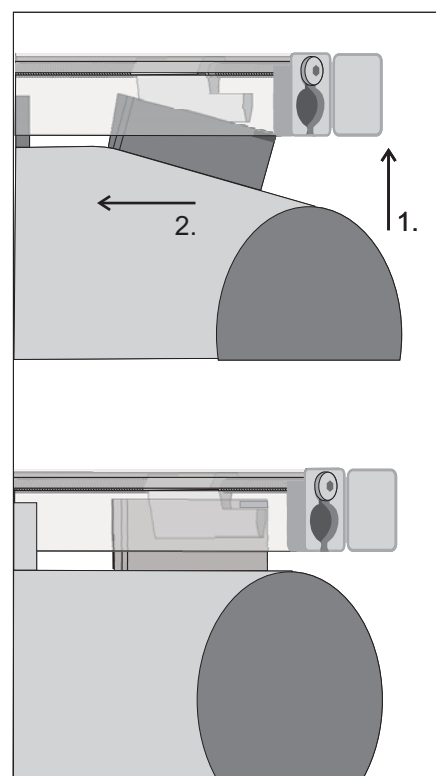
SECTION C

3. INSTALLATION

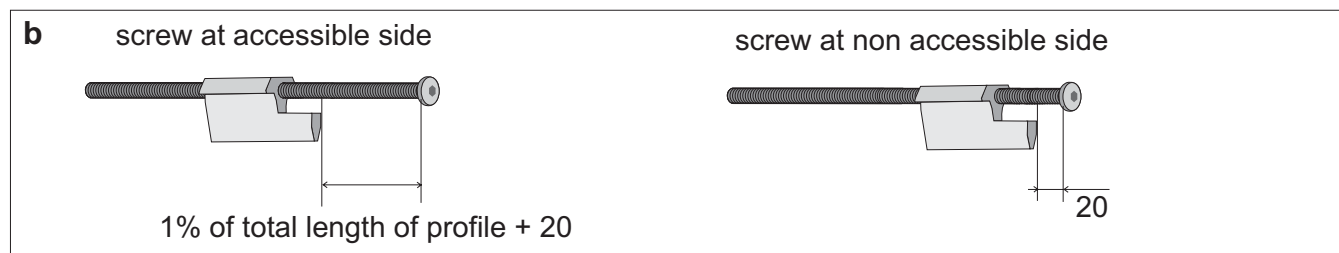
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6KL

SECTION C

3. INSTALLATION

1. **Lay-out of fastening points for chain hanging:** On the ceiling or other structure above diffuser mark the position of fastening points for chain hanging (see "Detail: Chain hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
2. **Preparation of aluminium hangers.** Screw the eyelets to the aluminium hangers.
3. **Installation of chain hangers:** Hang one end of chain on prepared fastening point. Place S-hook to both bottom link of chain and eyelet of aluminium hanger; close S-hooks by wire pliers as per "Detail: Closing of S-hook". It is necessary to keep the same length of chain hangers for straightness of aluminium profile. The length of chain hanger is easy adjustable by hanging for another link of chain at fastening points.
4. **Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
5. **Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
5. **Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
7. **Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening
Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").
Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
9. **Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
10. **Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

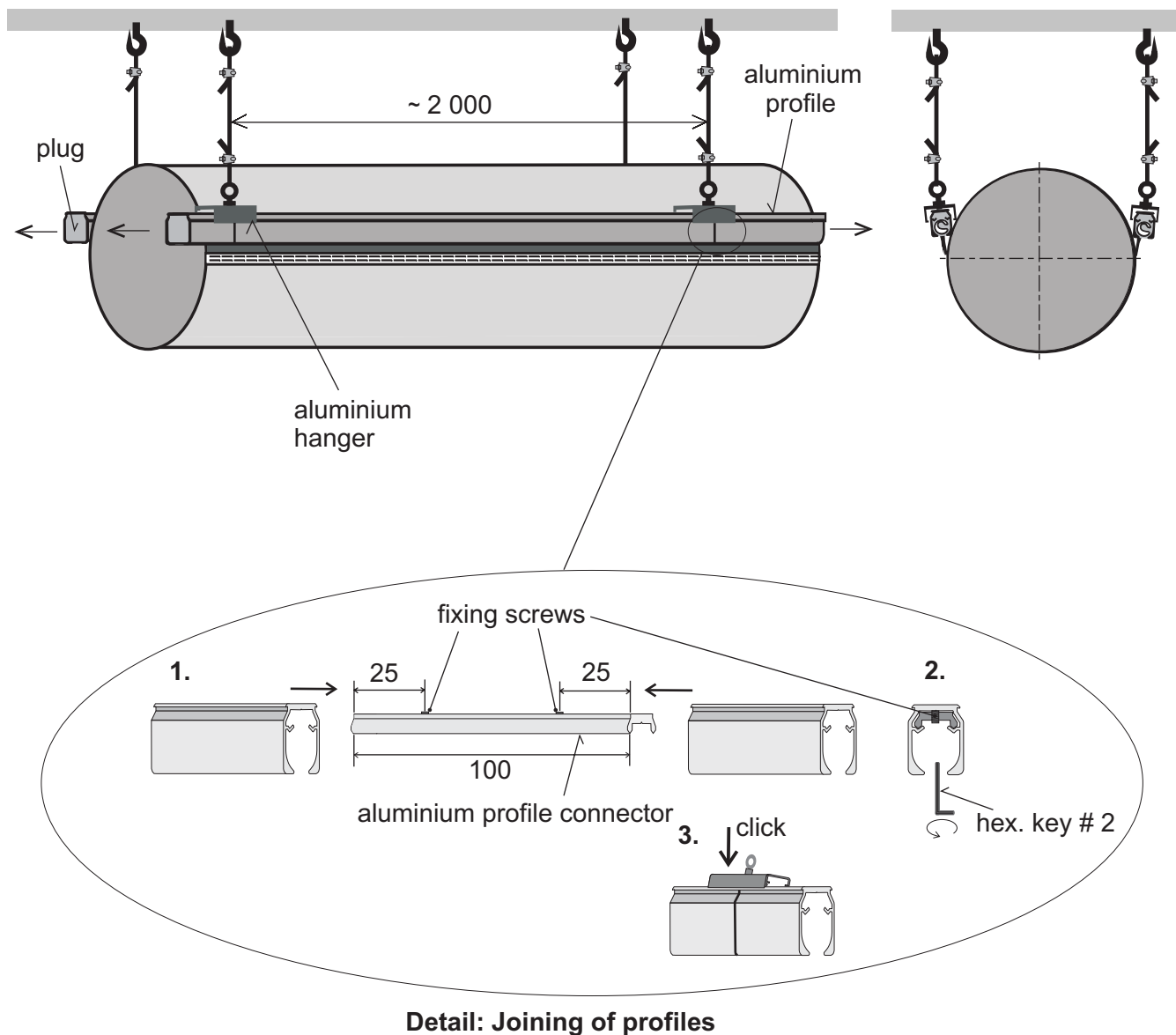
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SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6A

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6AF

SECTION C

3. INSTALLATION

1. **Lay-out of fastening points for wire hangings:** Mark the position of two rows vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
2. **Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
3. **Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
4. **Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
5. **Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
6. **Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
7. **Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
8. **Installation of plugs:** Mount the plugs on both ends of profiles.
9. **Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
10. **Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

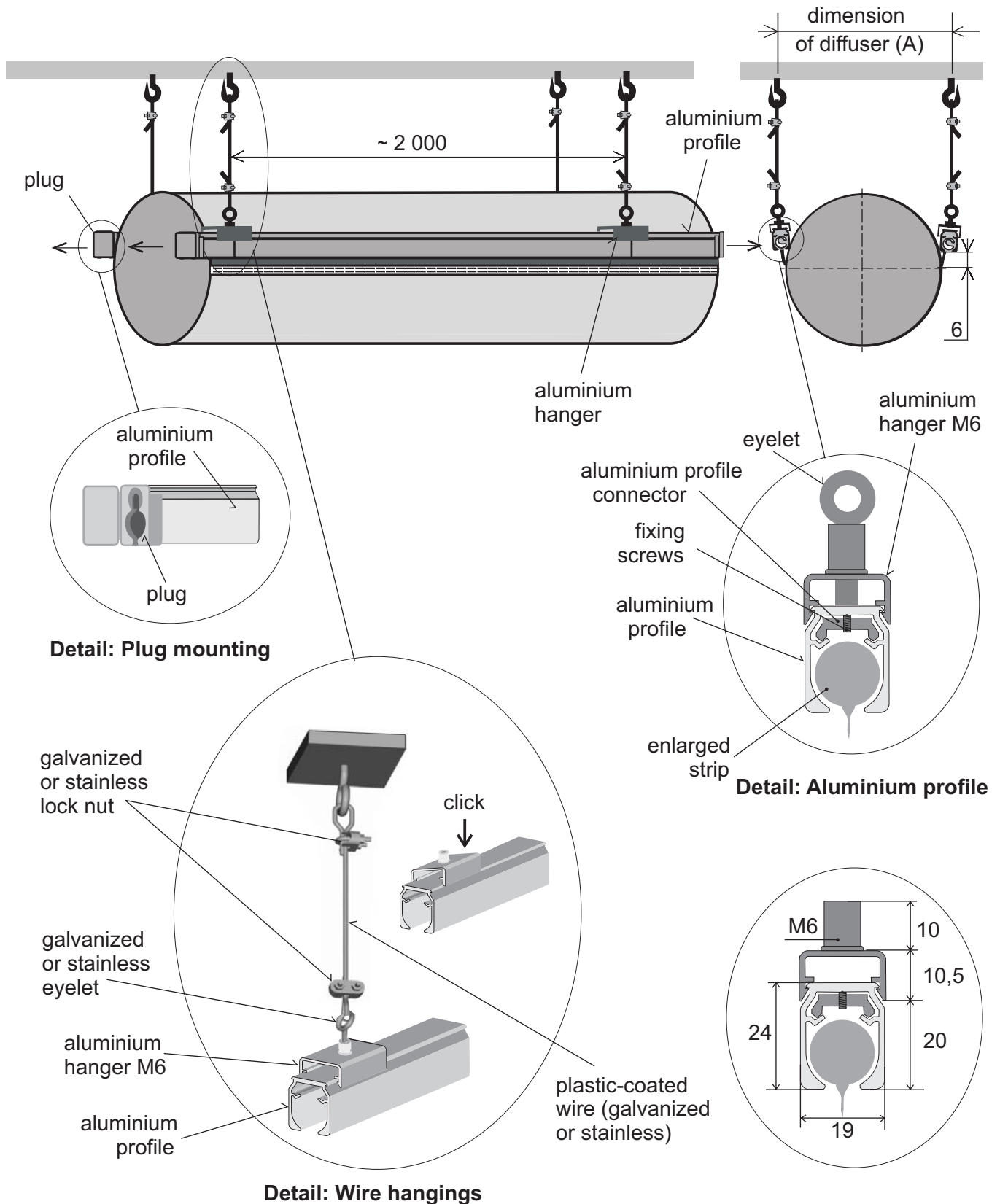
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SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AL

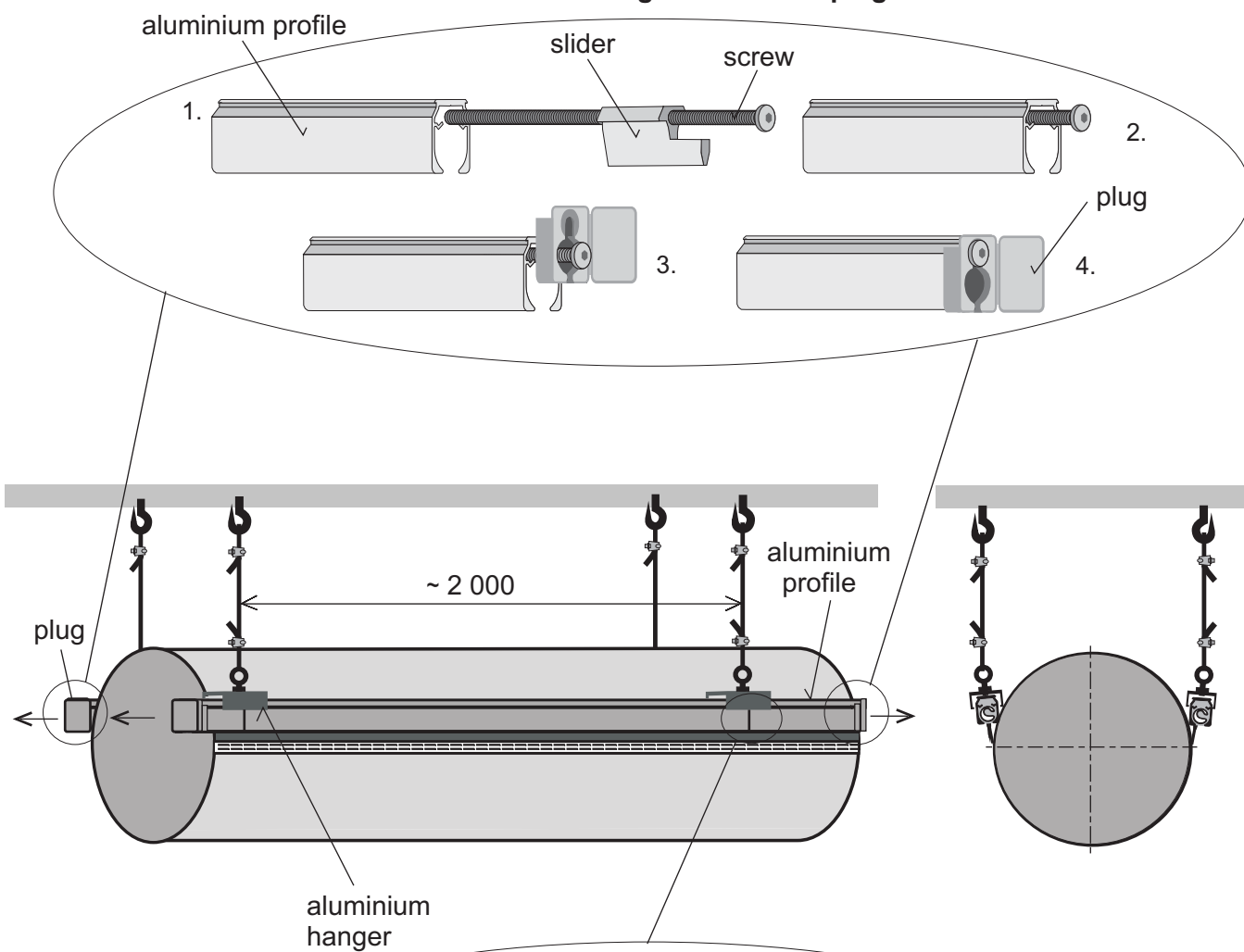
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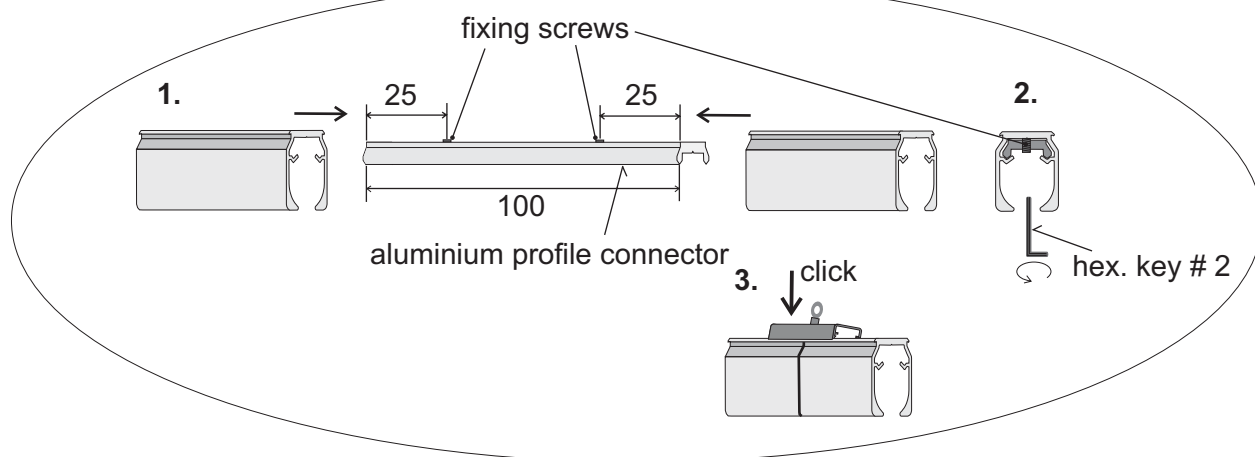
SECTION C

3. INSTALLATION

Details: Mounting of slider and plug



Detail: Joining of profiles



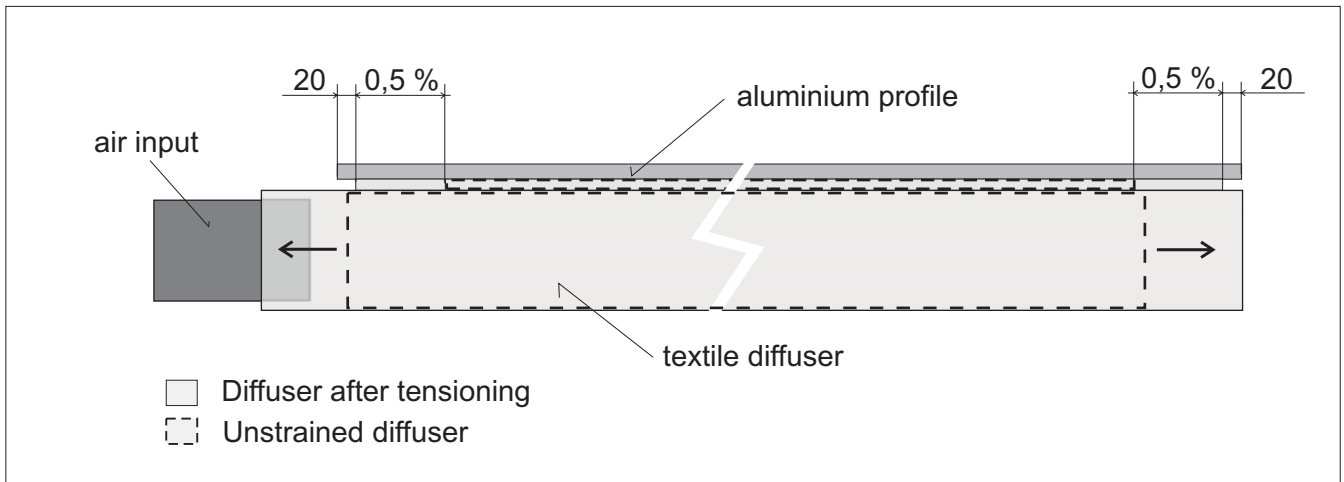
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

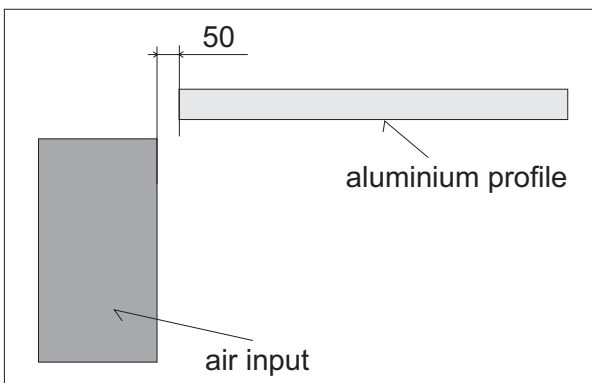
6AL **6ADL** **6AFL**

SECTION **C**

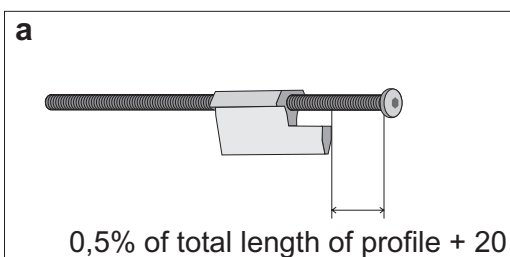
3. INSTALLATION



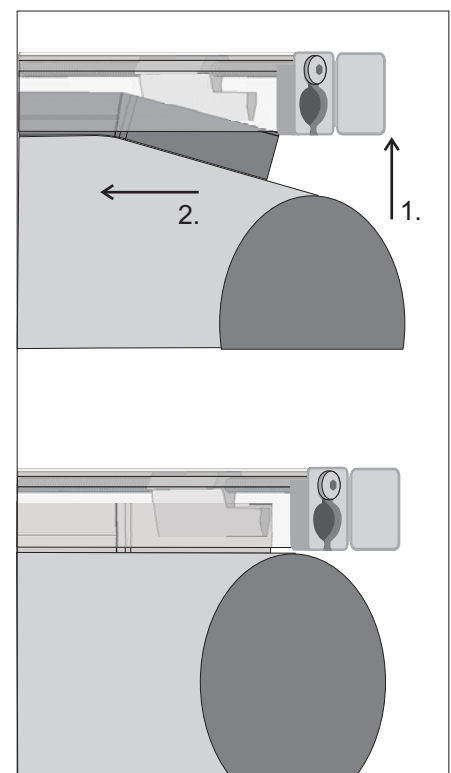
Concept of tensioning



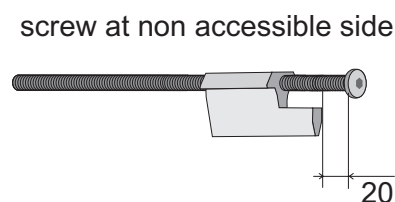
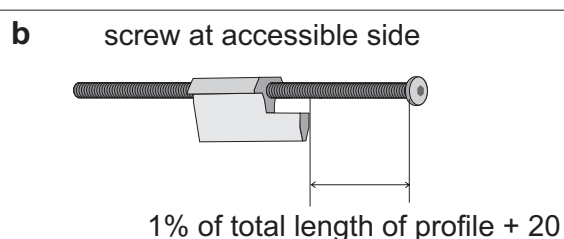
Detail: Position of profile's edge



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AL**6ADL****6AFL**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

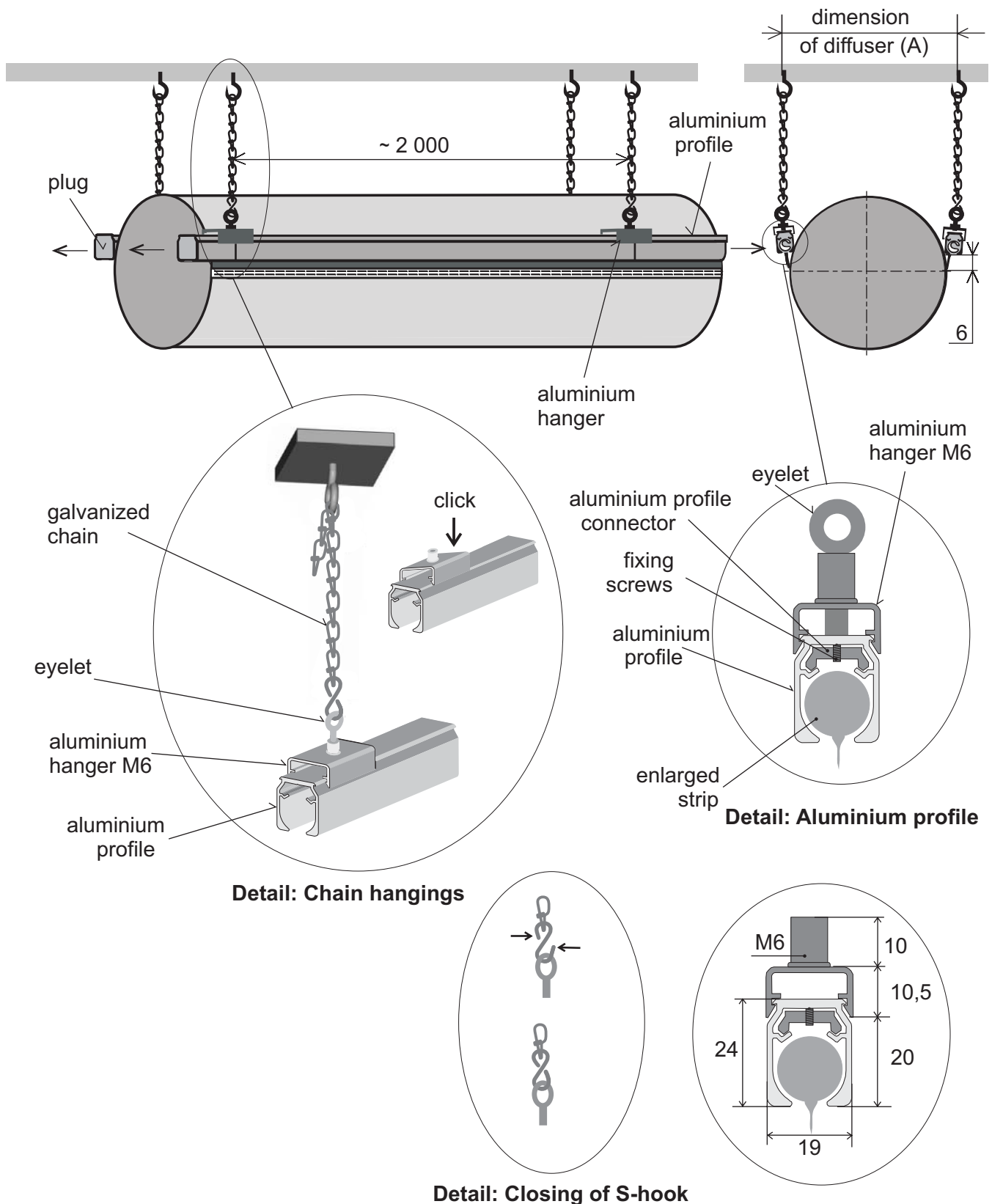
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AK

SECTION **C**

3. INSTALLATION



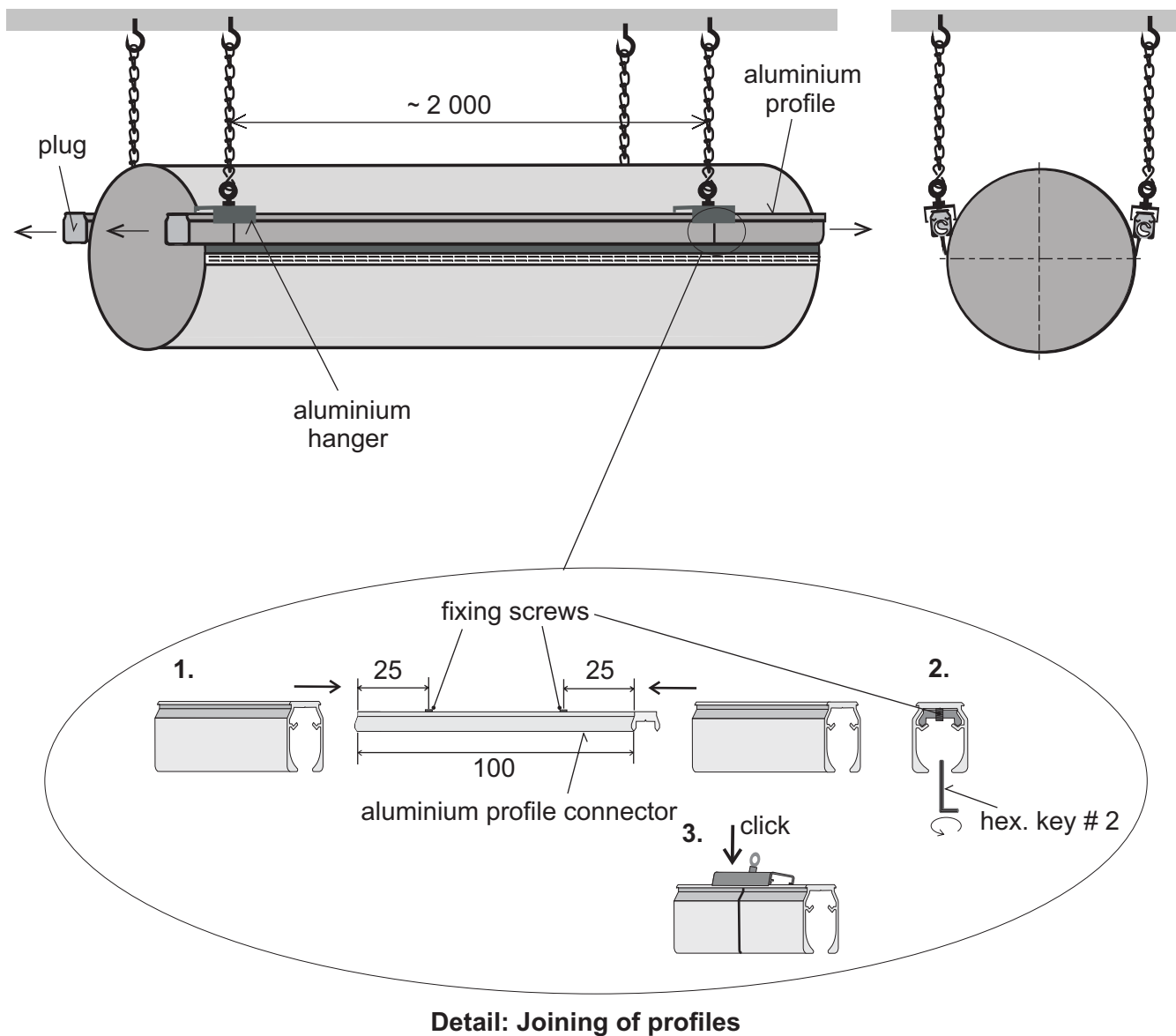
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AK

SECTION **C**

3. INSTALLATION



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AK

SECTION C

- 1. Lay-out of fastening points for chain hanging:** On the ceiling or other structure above diffuser mark the position of fastening points for chain hanging (see "Detail: Chain hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Preparation of aluminium hangers.** Screw the eyelets to the aluminium hangers.
- 3. Installation of chain hangers:** Hang one end of chain on prepared fastening point. Place S-hook to both bottom link of chain and eyelet of aluminium hanger; close S-hooks by wire pliers as per "Detail: Closing of S-hook". It is necessary to keep the same length of chain hangers for straightness of aluminium profile. The length of chain hanger is easy adjustable by hanging for another link of chain at fastening points.
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles as per detail "Installation of plug and end hook".
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



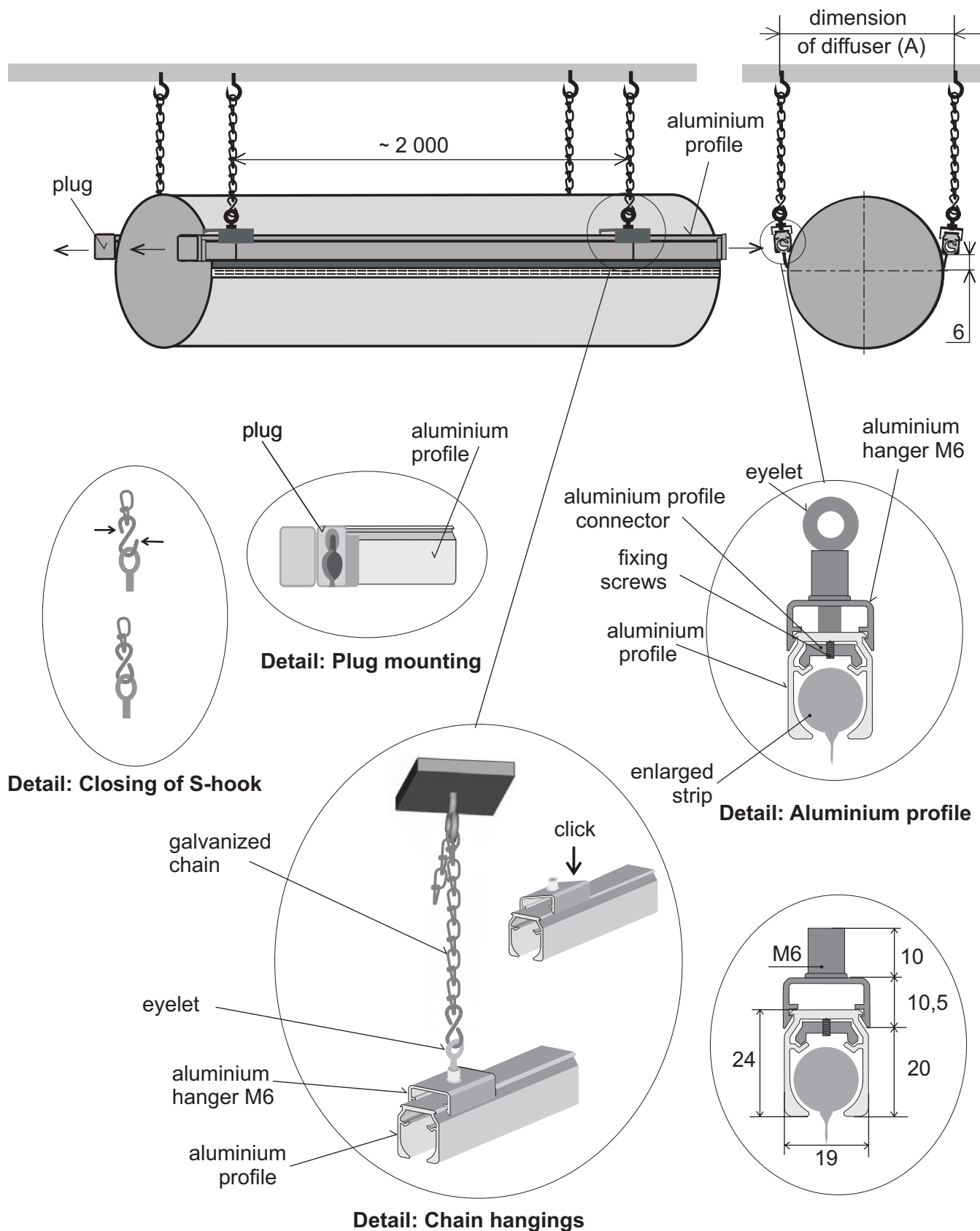
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6ALK

SECTION **C**

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

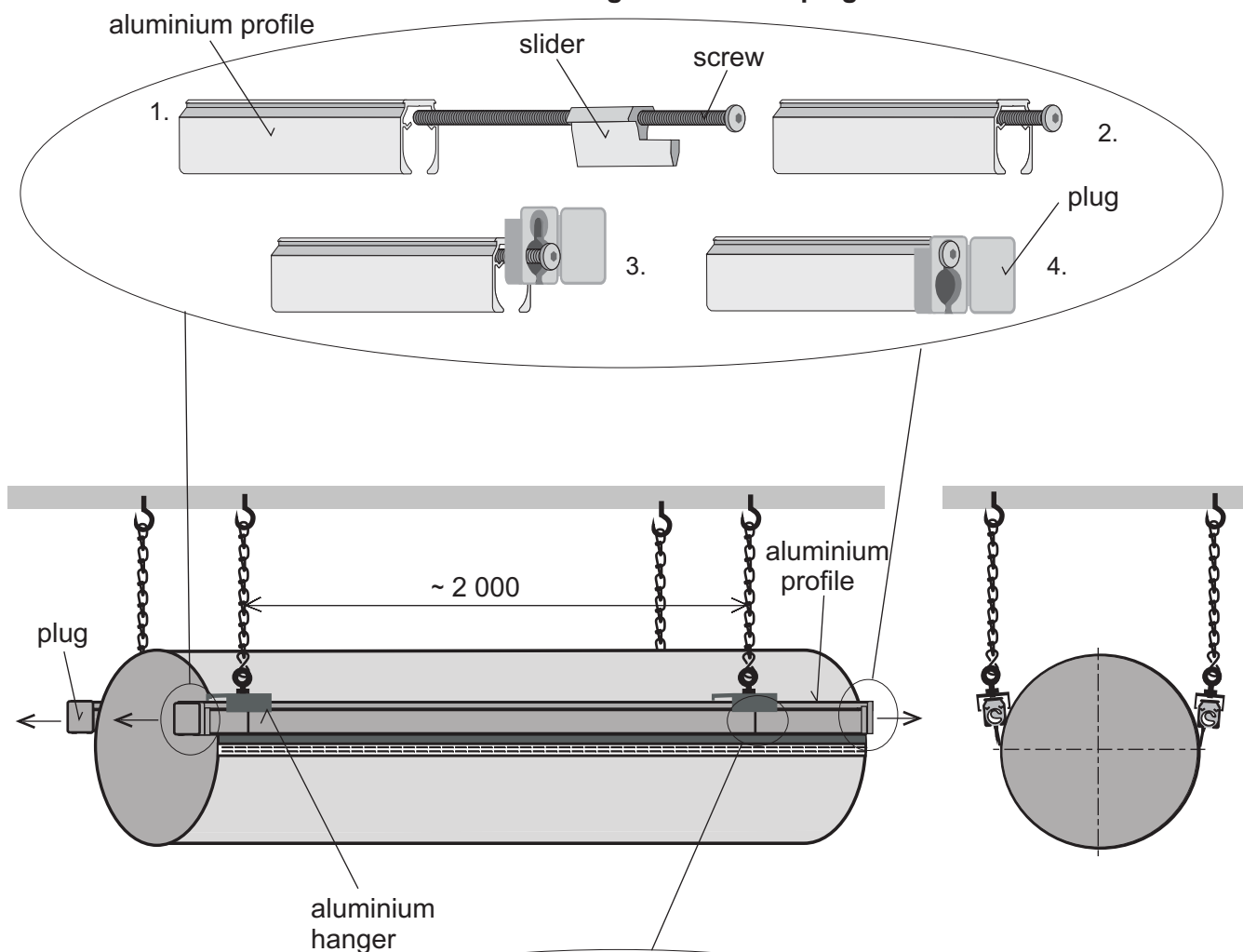
3. INSTALLATION

6ALK

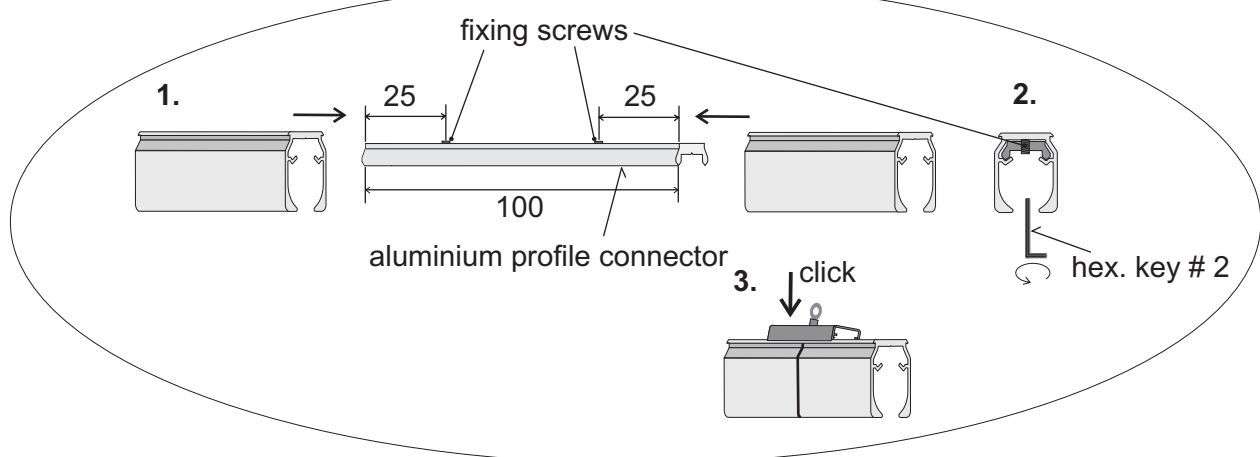
SECTION **C**

3. INSTALLATION

Details: Mounting of slider and plug



Detail: Joining of profiles



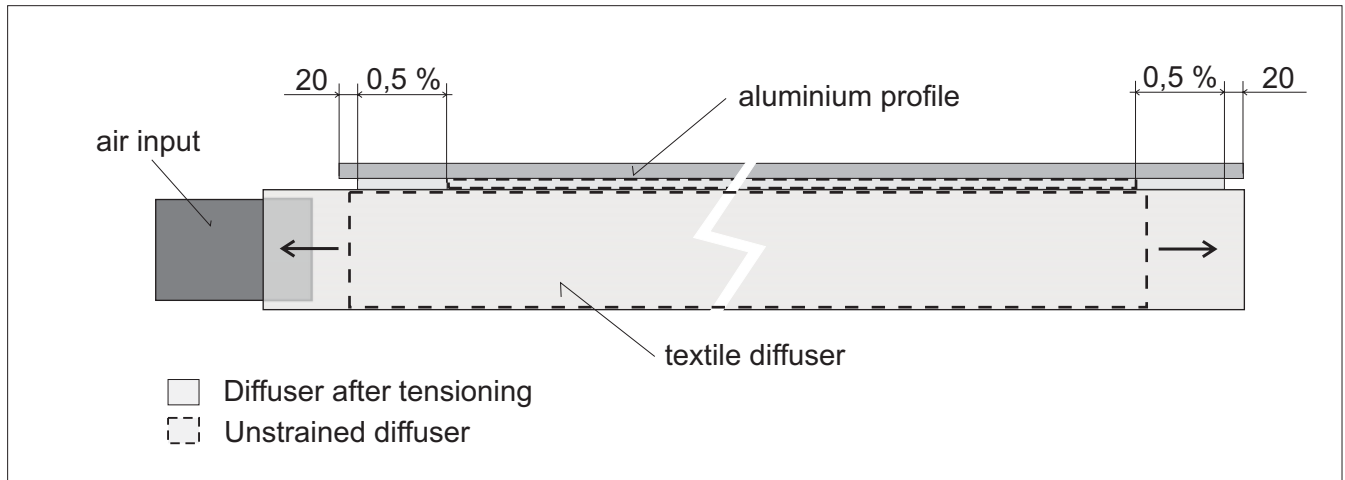
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

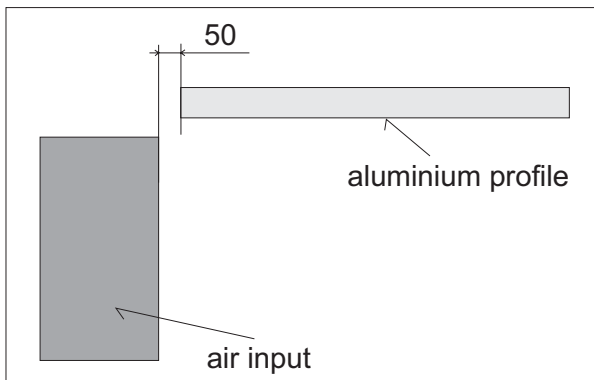
6ALK

SECTION **C**

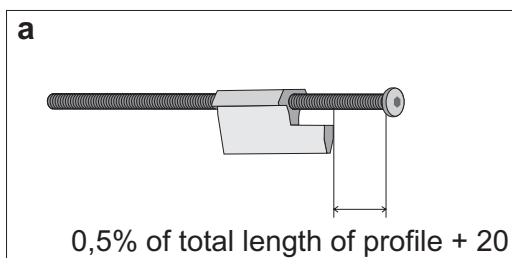
3. INSTALLATION



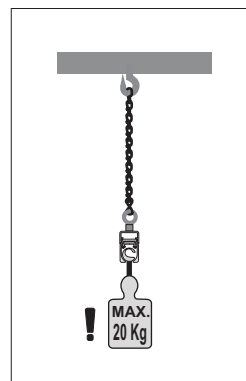
Concept of tensioning



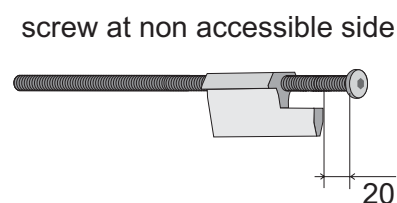
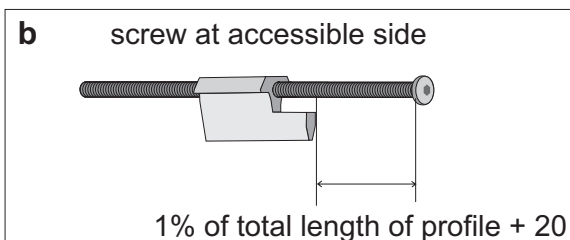
Detail: Position of profile's edge



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6ALK

SECTION C

1. **Lay-out of fastening points for chain hanging:** On the ceiling or other structure above diffuser mark the position of fastening points for chain hanging (see "Detail: Chain hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
2. **Preparation of aluminium hangers.** Screw the eyelets to the aluminium hangers.
3. **Installation of chain hangers:** Hang one end of chain on prepared fastening point. Place S-hook to both bottom link of chain and eyelet of aluminium hanger; close S-hooks by wire pliers as per "Detail: Closing of S-hook". It is necessary to keep the same length of chain hangers for straightness of aluminium profile. The length of chain hanger is easy adjustable by hanging for another link of chain at fastening points.
4. **Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
5. **Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
6. **Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
7. **Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
8. **Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
9. **Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
10. **Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

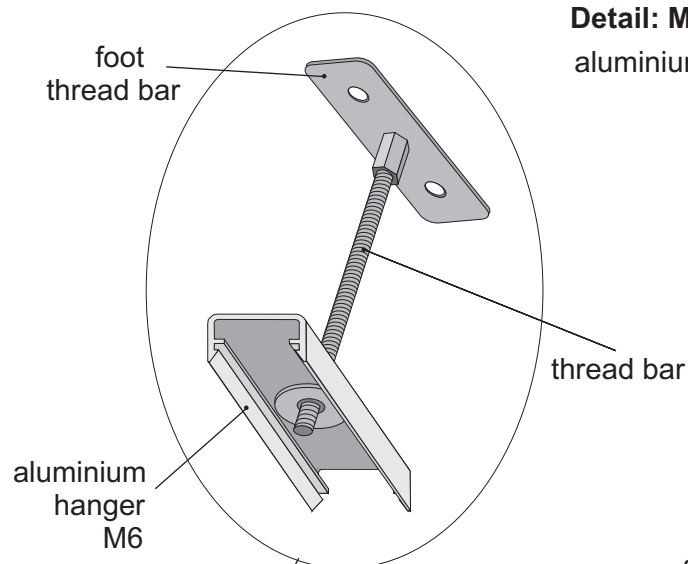
3. INSTALLATION

6E

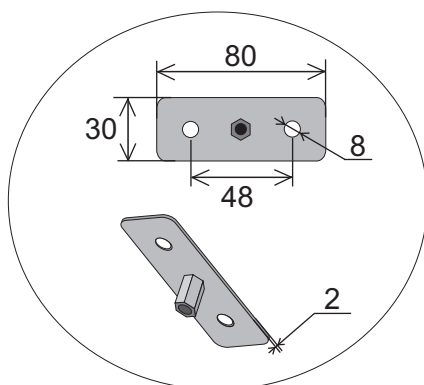
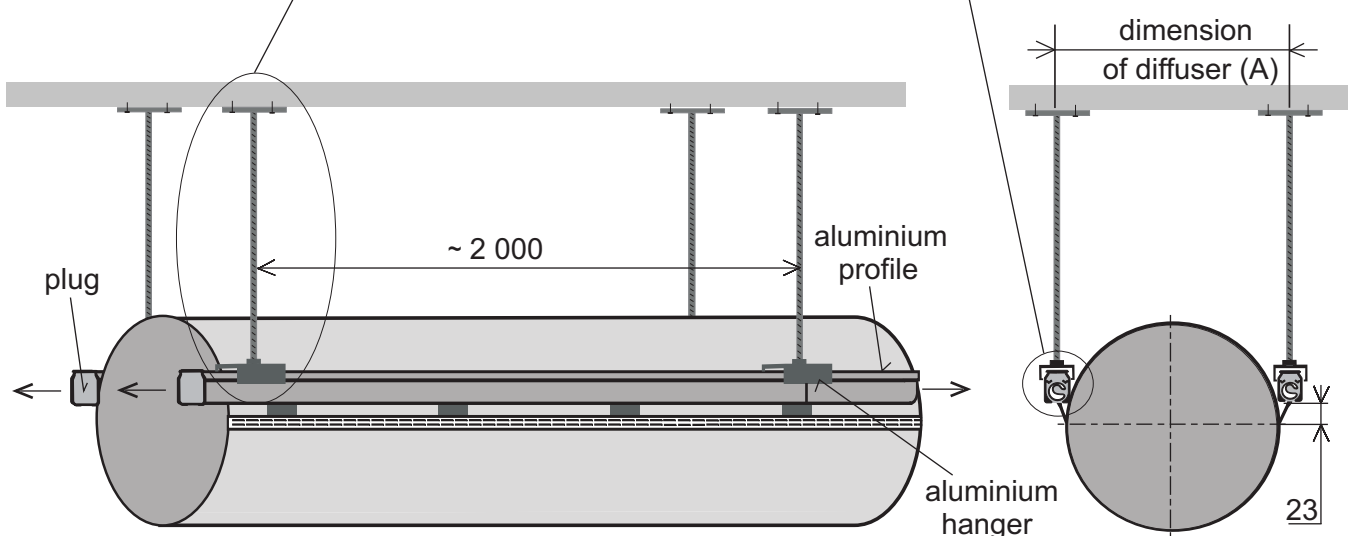
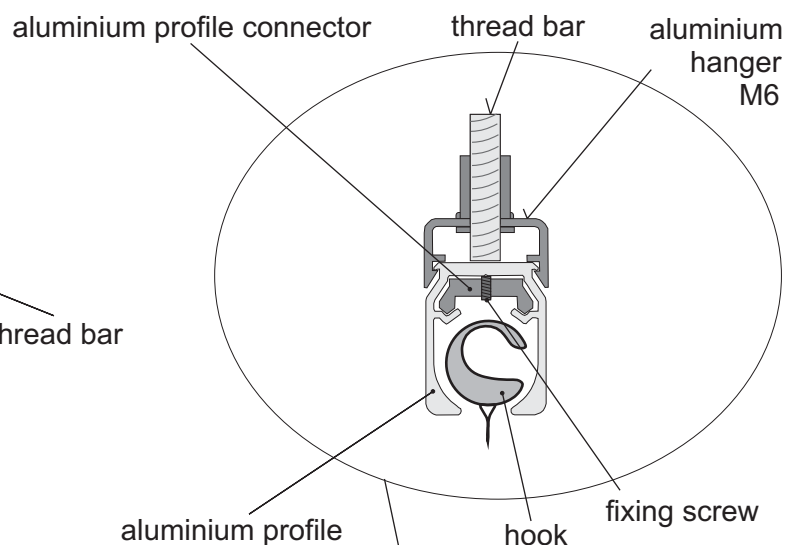
SECTION C

3. INSTALLATION

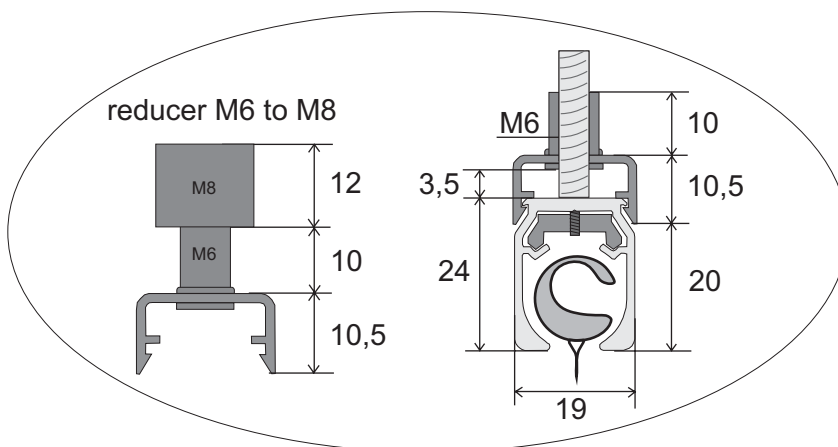
Detail: Thread bar hangings



Detail: Mounting of aluminium profiles to the thread bar



Detail: Foot thread bar



Detail: Aluminium profile on thread bar

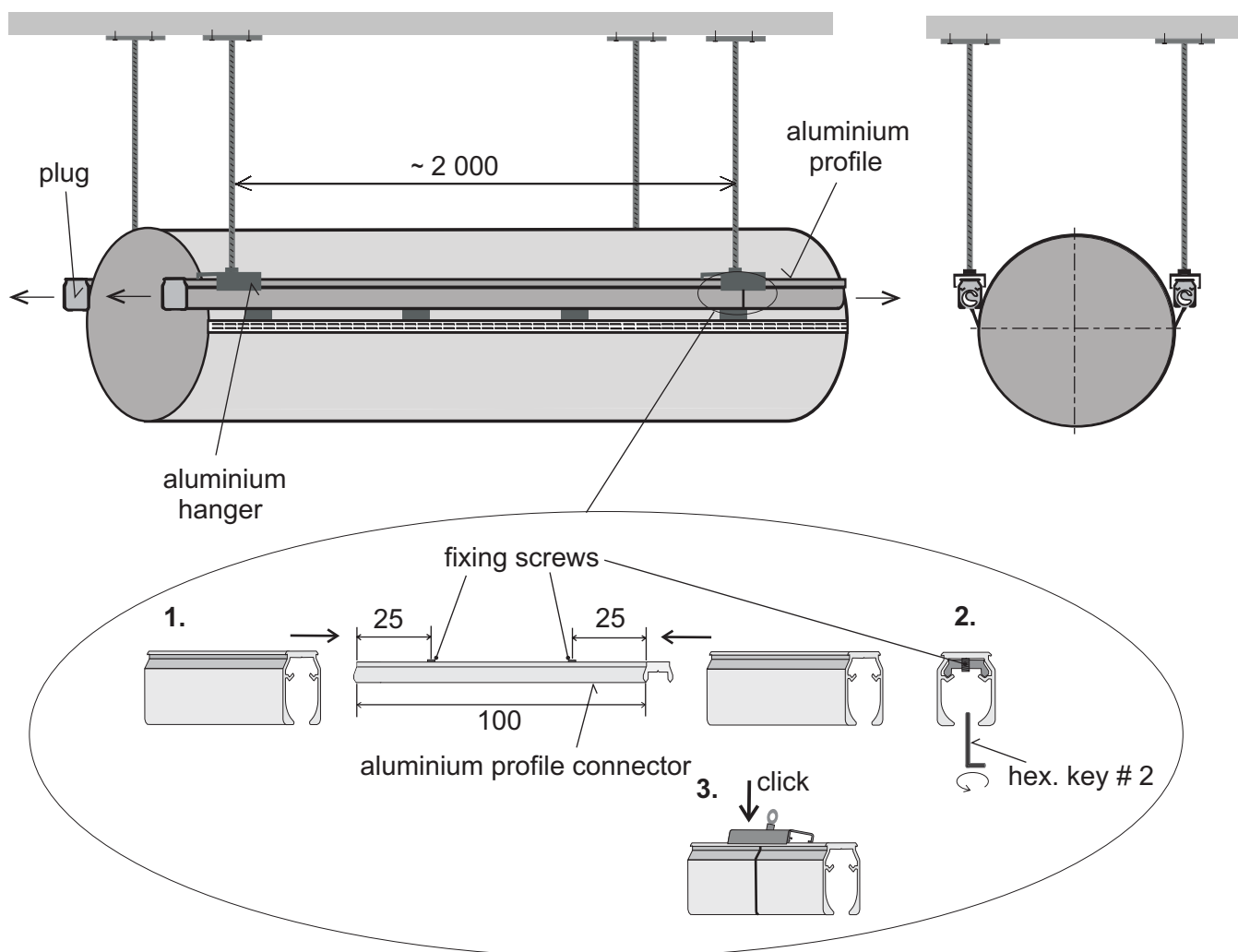
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6E

SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6E

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of two rows of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar "). The distance of hangings rows for thread bars is the same as dimension of diffuser. The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles as per detail "Installation of plug and end hook".
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

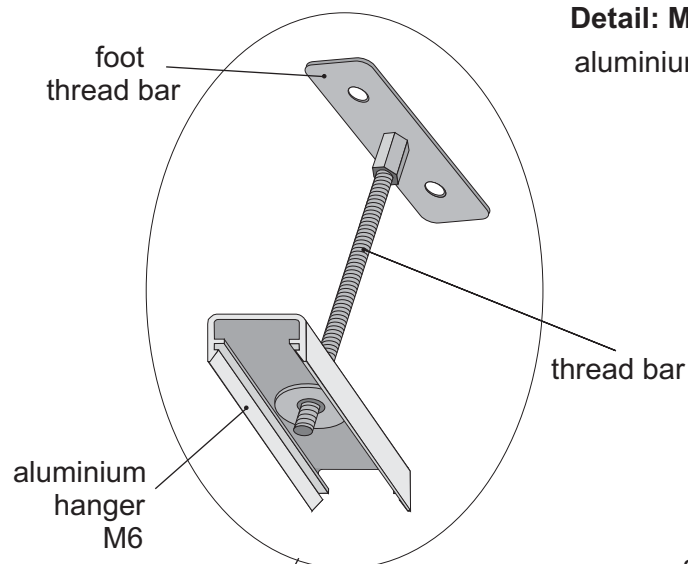
3. INSTALLATION

6EL

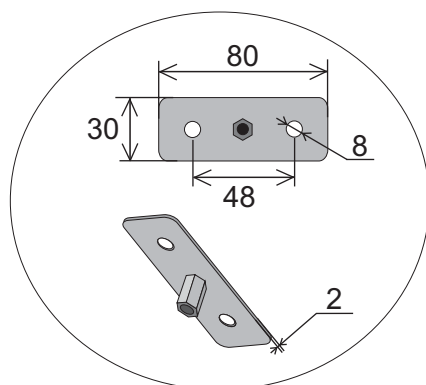
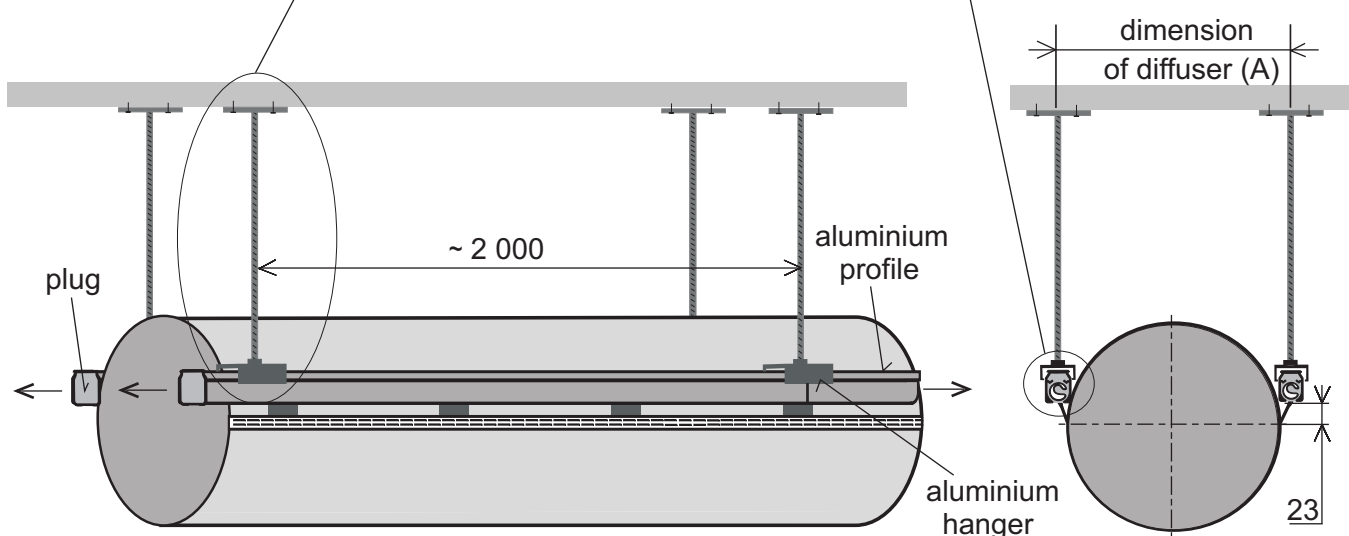
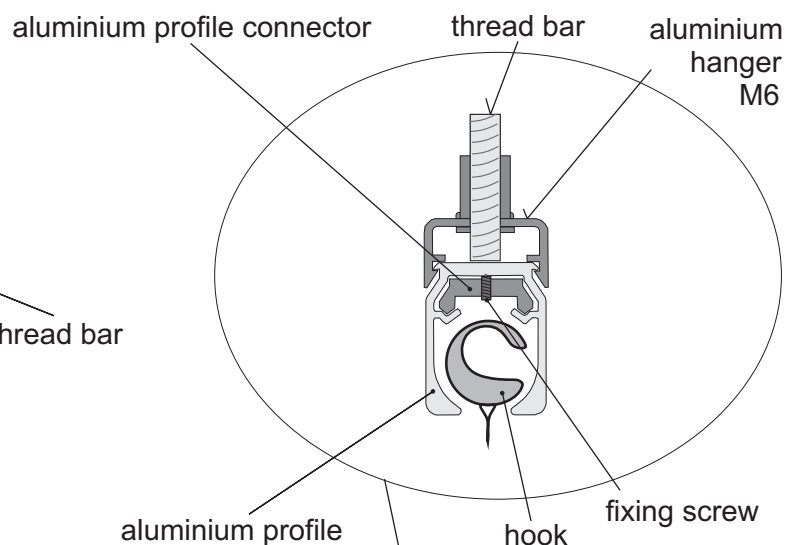
SECTION C

3. INSTALLATION

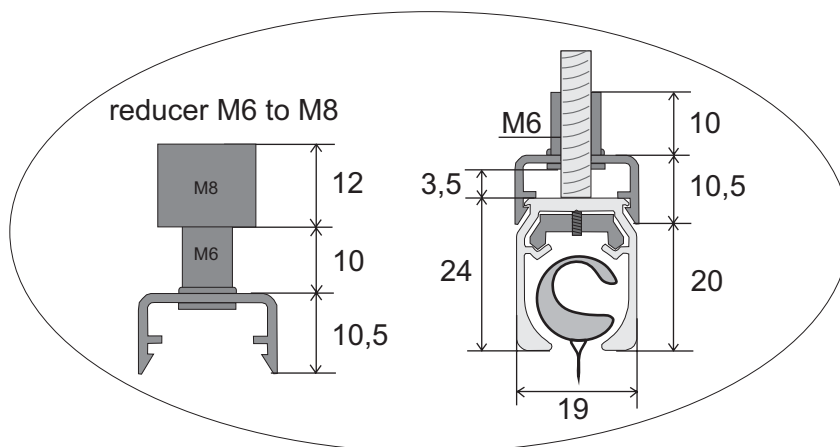
Detail: Thread bar hangings



Detail: Mounting of aluminium profiles to the thread bar



Detail: Foot thread bar



Detail: Aluminium profile on thread bar

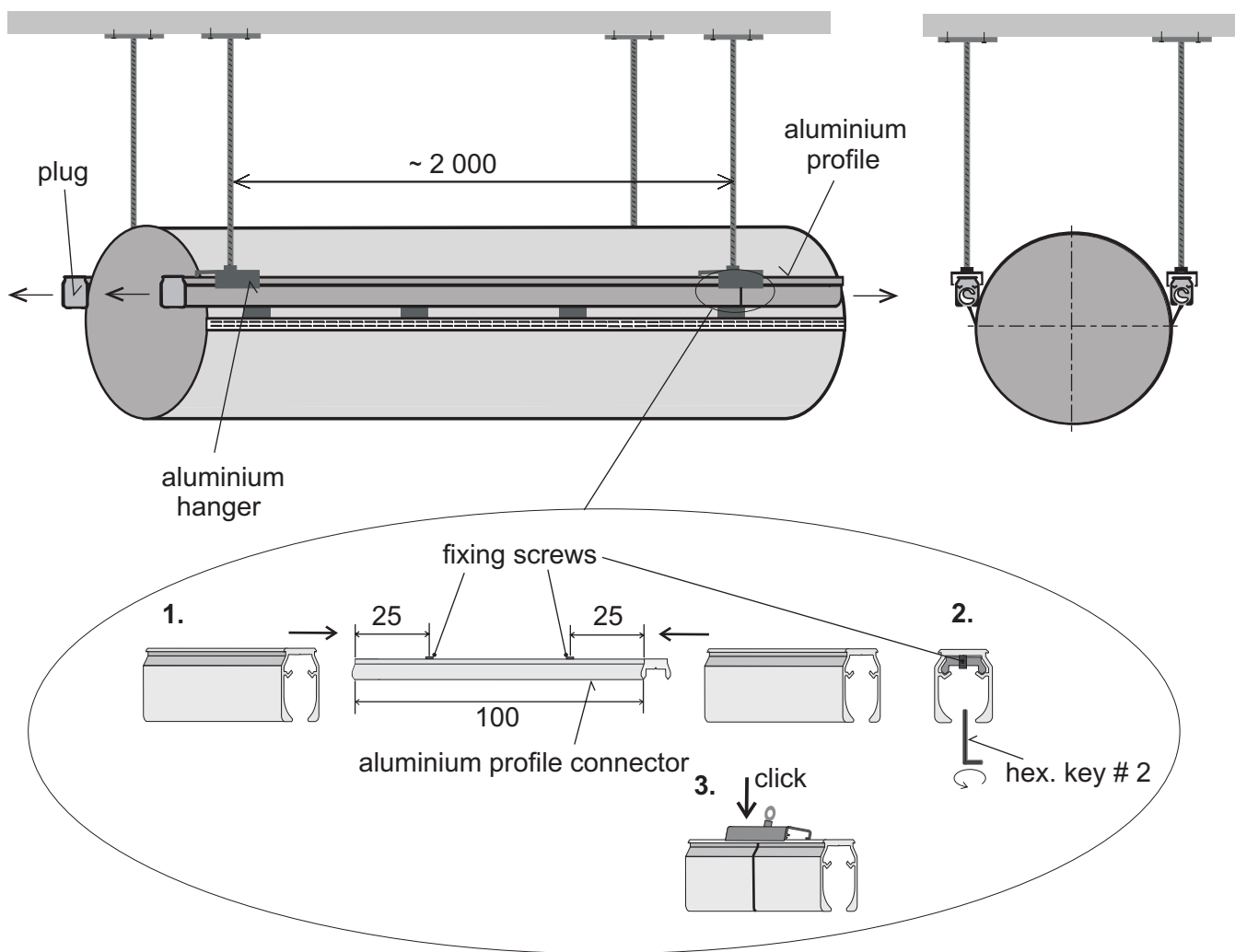
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6EL

SECTION C

3. INSTALLATION



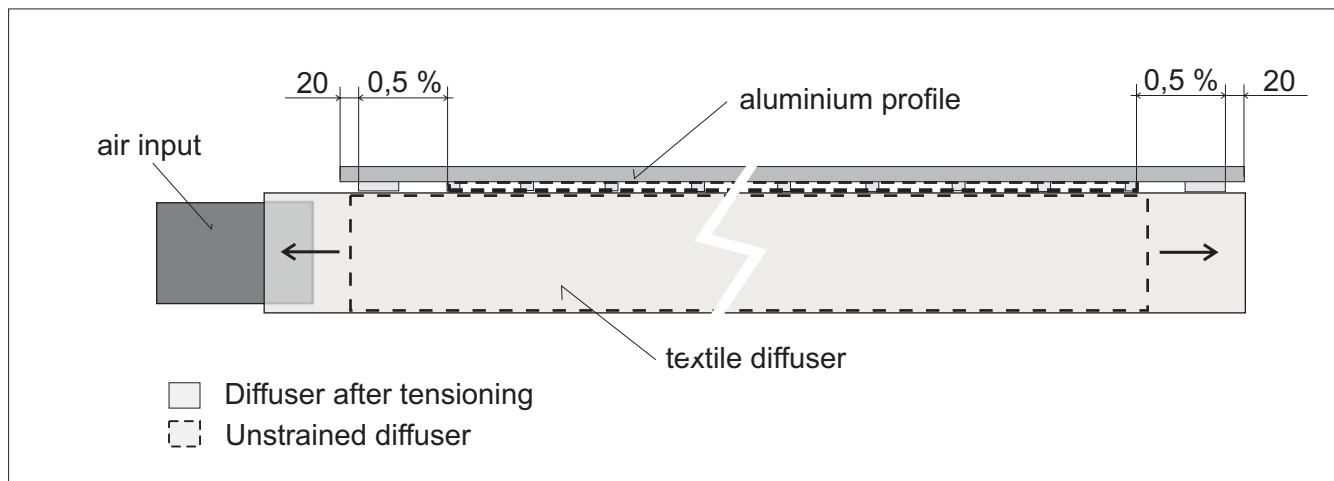
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

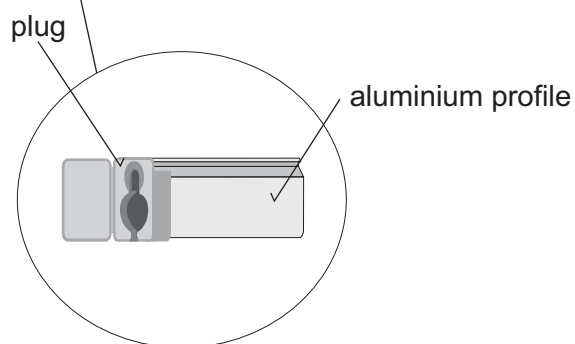
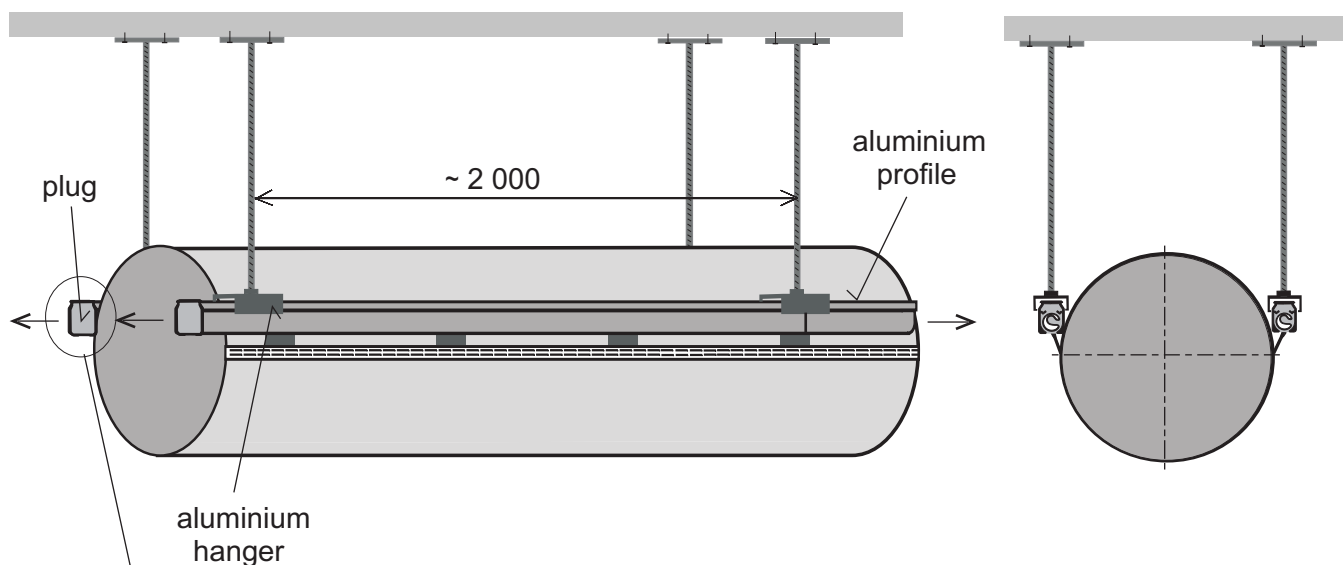
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SECTION C

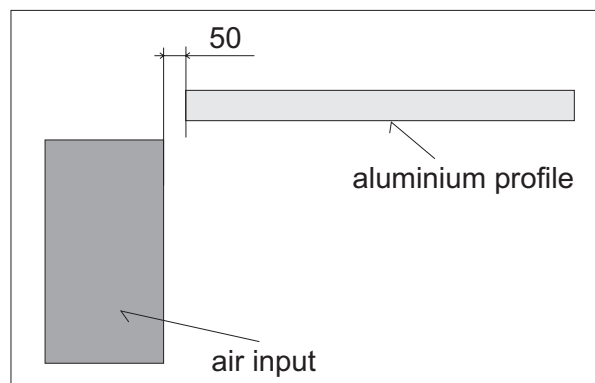
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

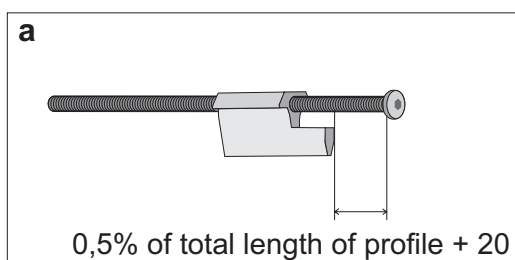
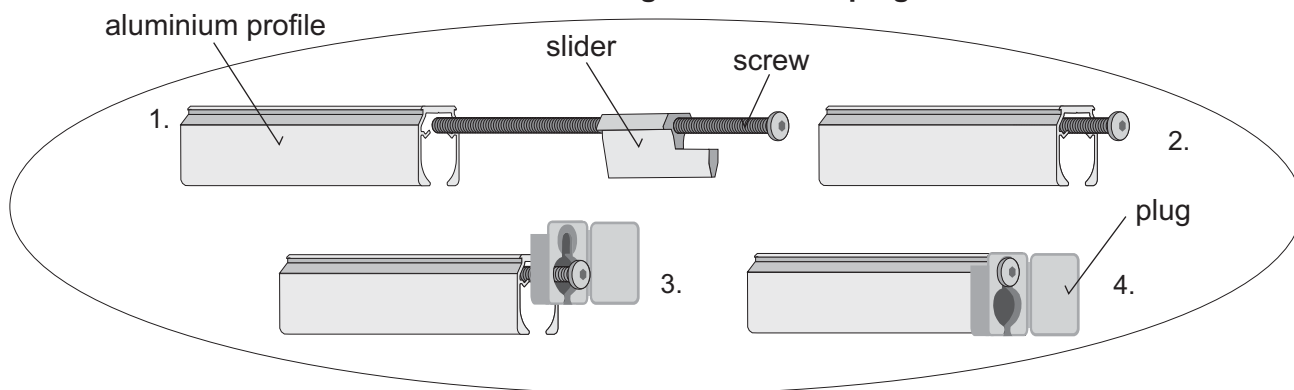
3. INSTALLATION

6EL

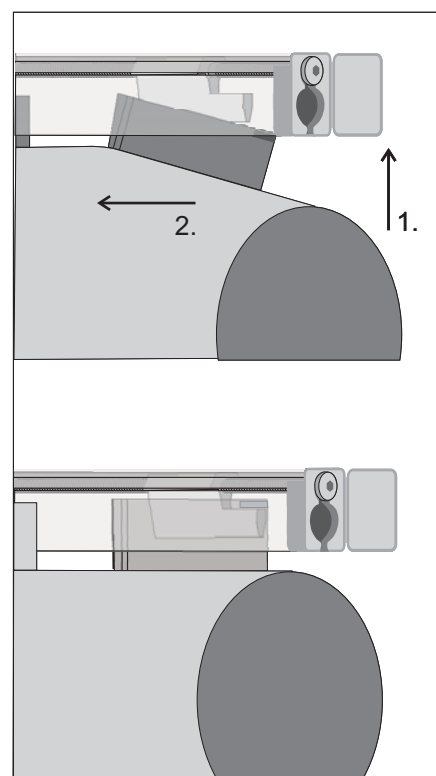
SECTION C

3. INSTALLATION

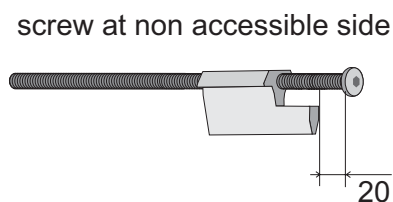
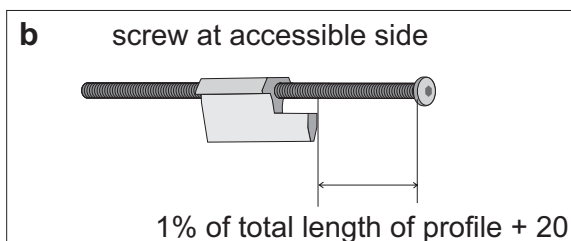
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6EL

SECTION C

3. INSTALLATION

1. **Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
2. **Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
3. **Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
4. **Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
5. **Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
6. **Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
7. **Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening
Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").
Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
8. **Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
9. **Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

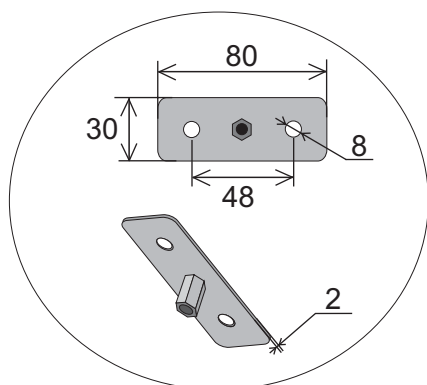
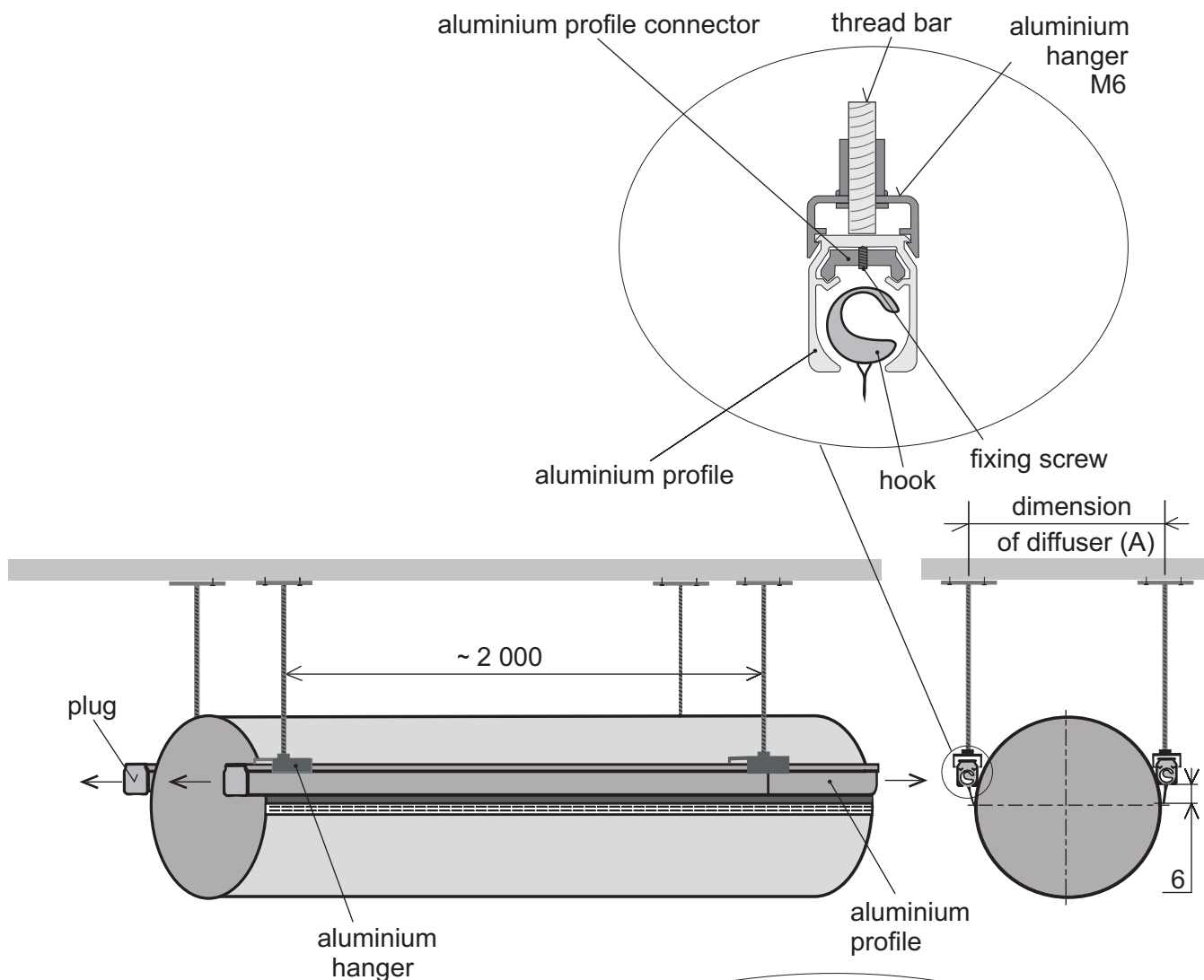
3. INSTALLATION

6AE

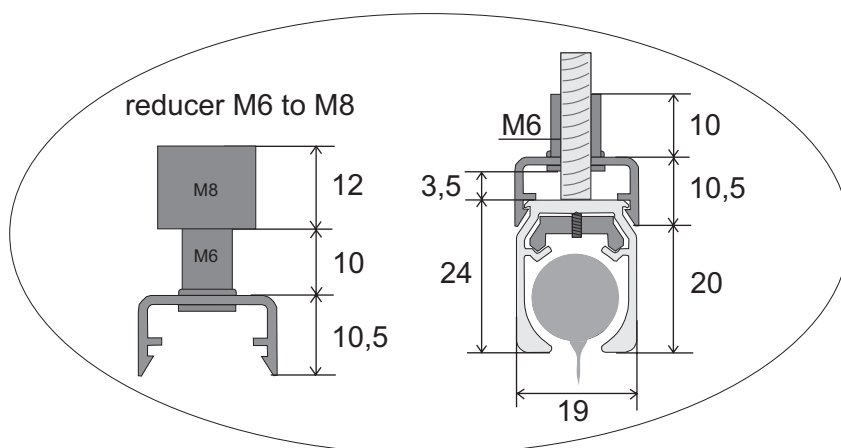
SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Foot thread bar



Detail: Aluminium profile on thread bar

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

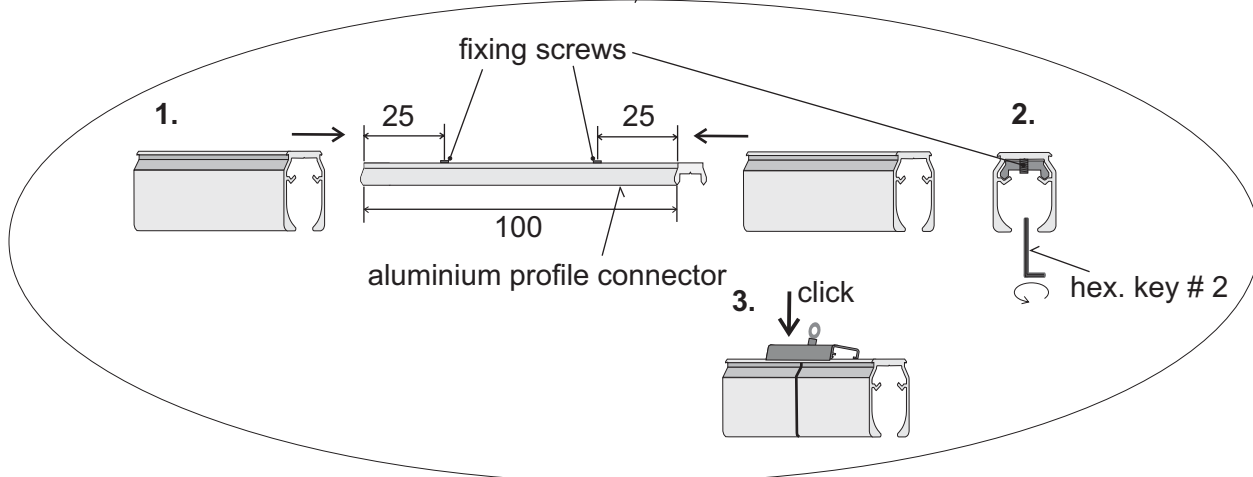
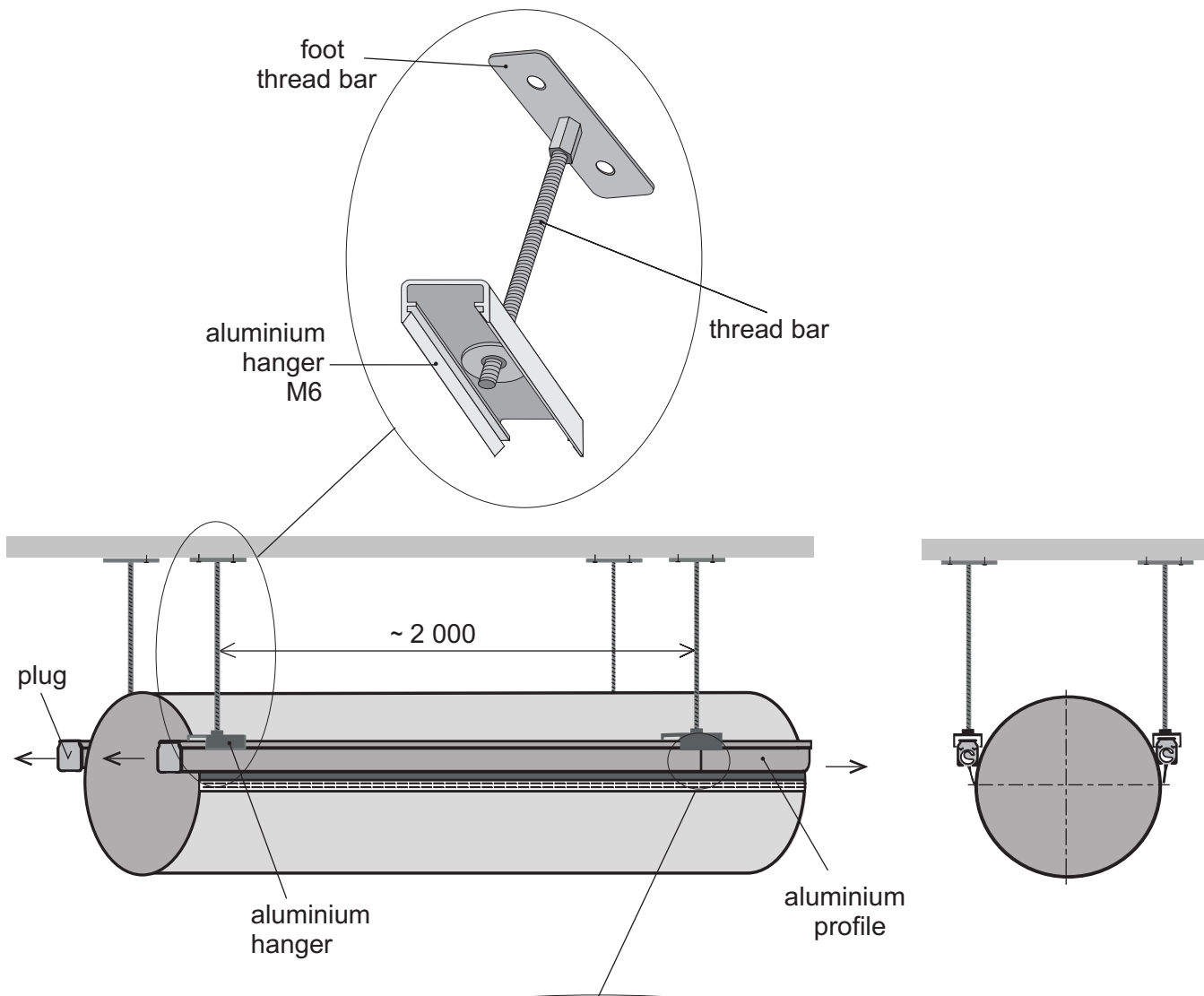
3. INSTALLATION

6AE

SECTION C

3. INSTALLATION

Detail: Thread bar hangings



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AE

SECTION C

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of two rows of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar "). The distance of hangings rows for thread bars is the same as dimension of diffuser. The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

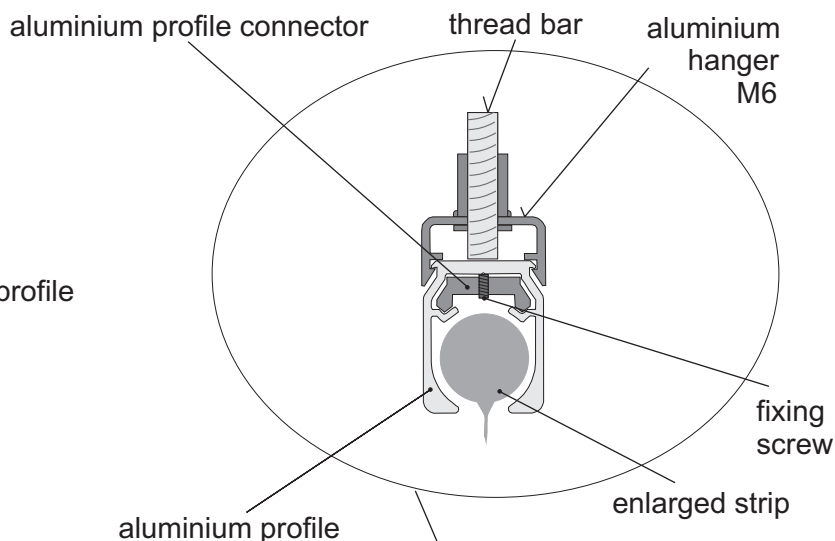
3. INSTALLATION

6AEL

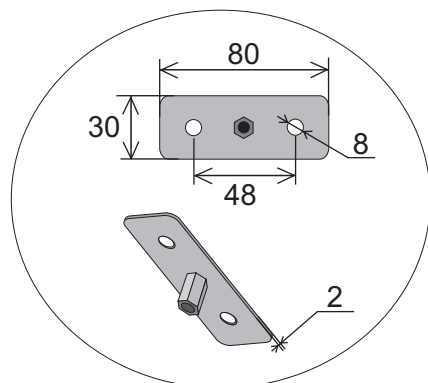
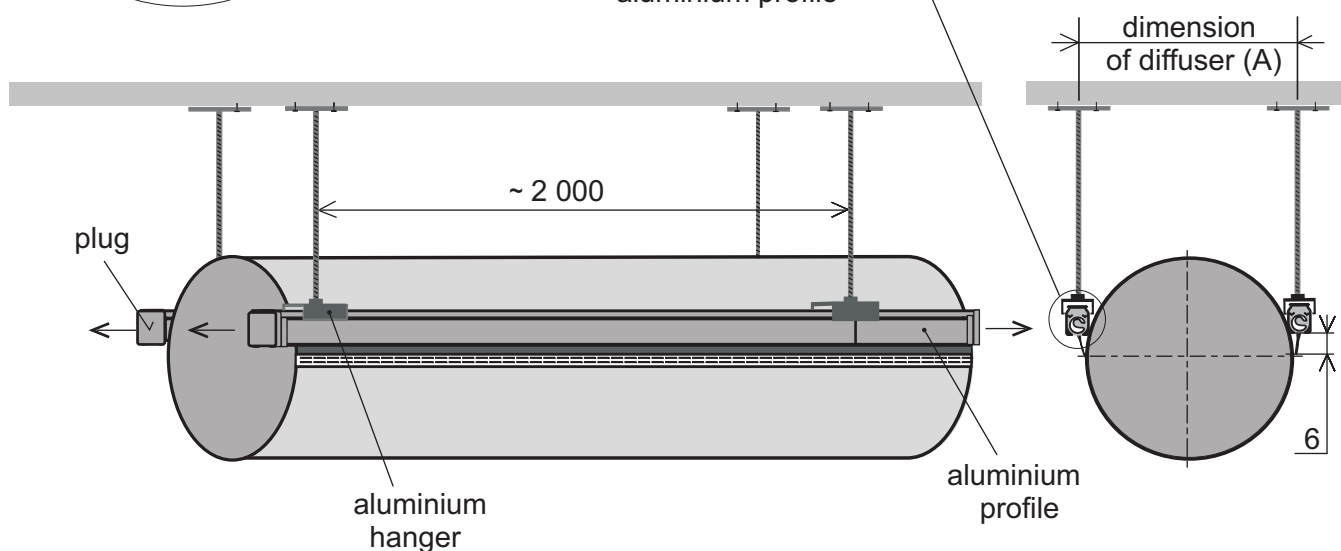
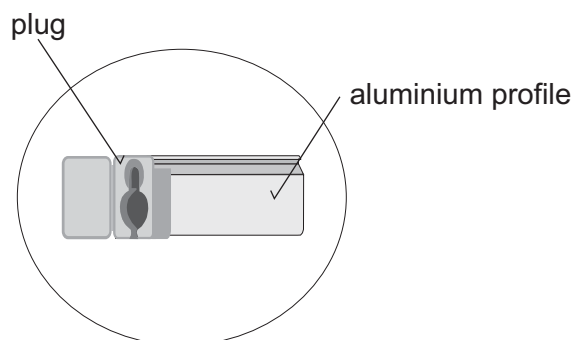
SECTION **C**

3. INSTALLATION

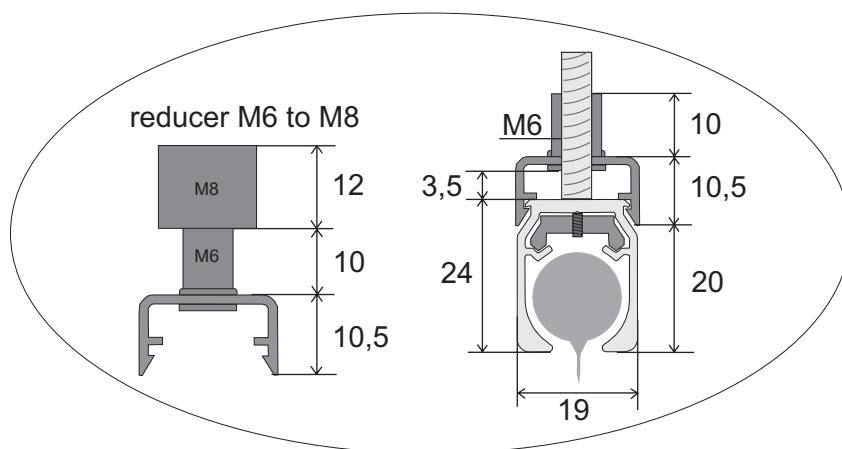
Detail: Mounting of aluminium profiles to the thread bar



Detail: Plug mounting



Detail: Foot thread bar



Detail: Aluminium profile on thread bar

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

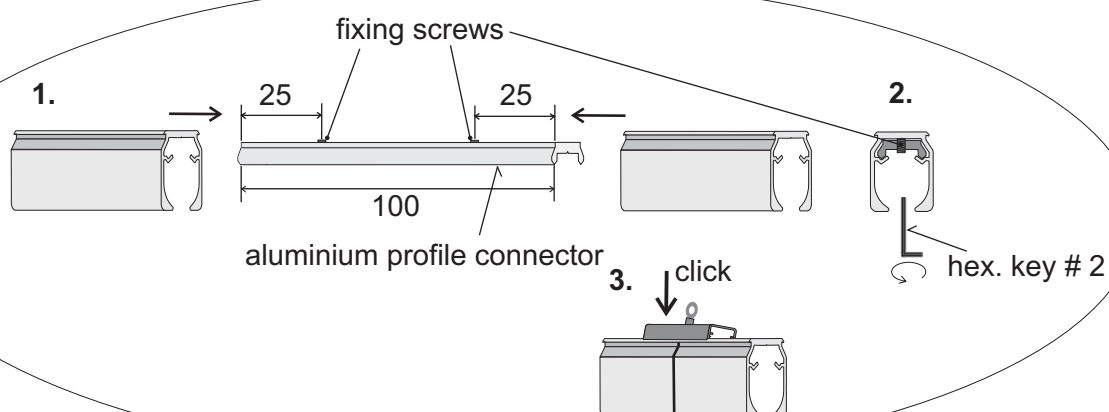
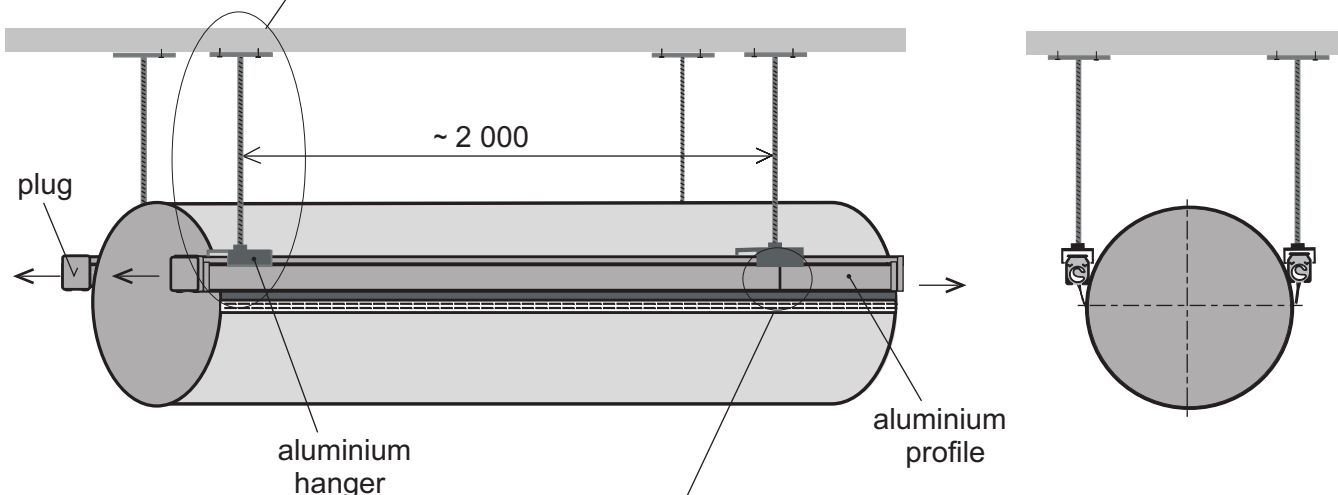
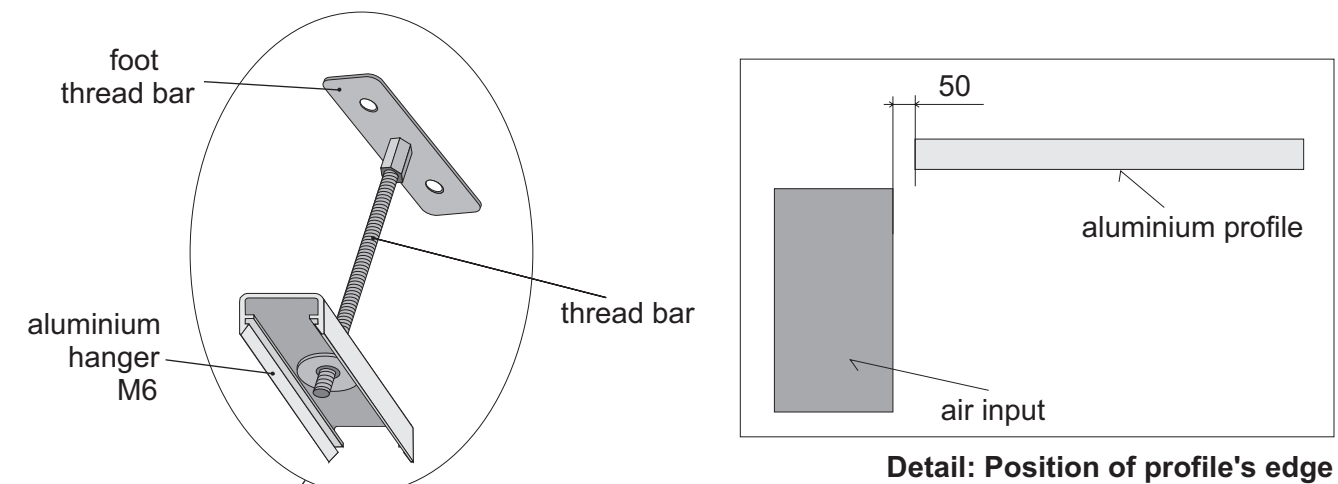
3. INSTALLATION

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SECTION **C**

3. INSTALLATION

Detail: Thread bar hangings



Detail: Joining of profiles

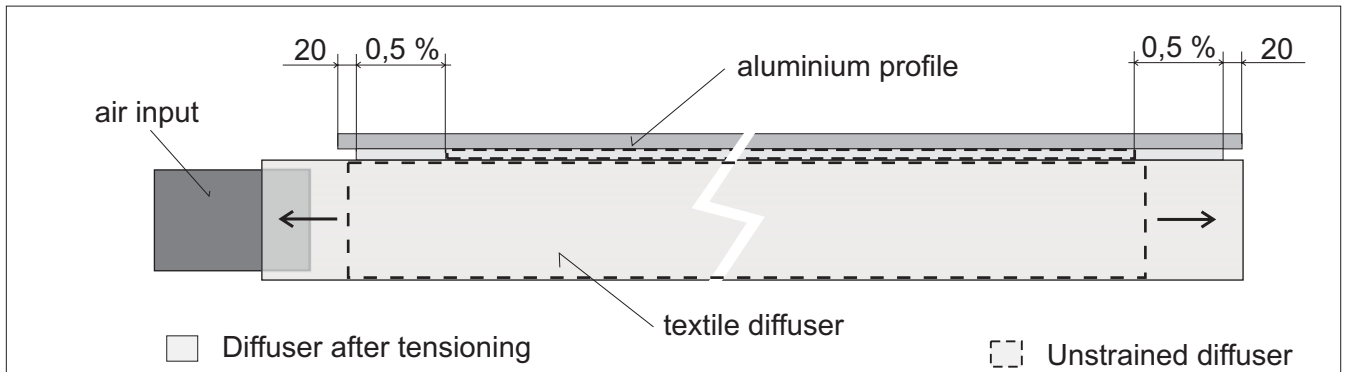
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

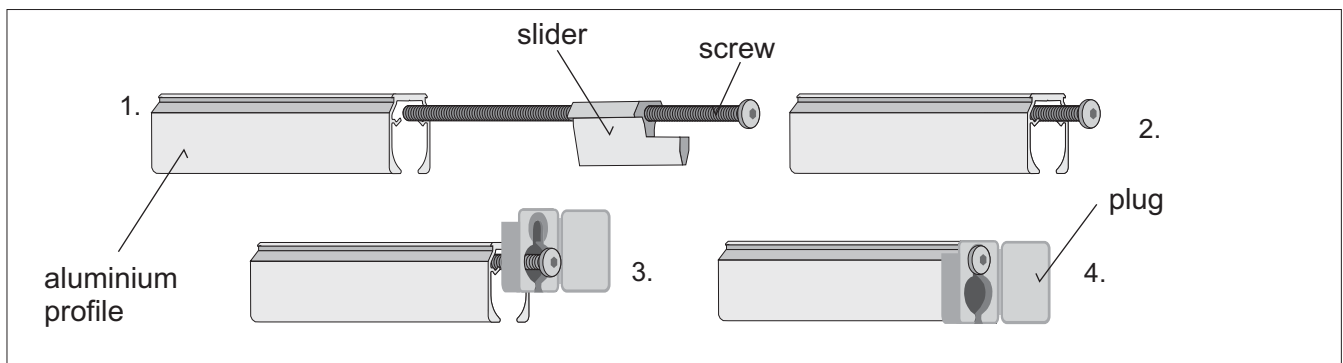
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SECTION **C**

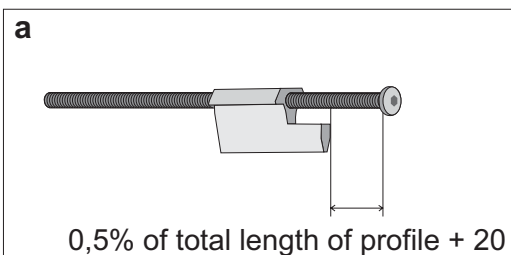
3. INSTALLATION



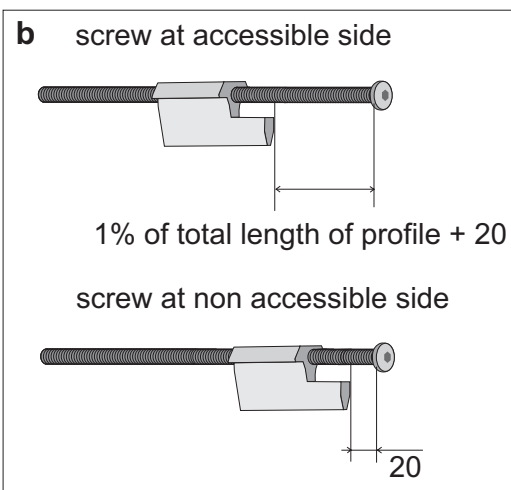
Concept of tensioning



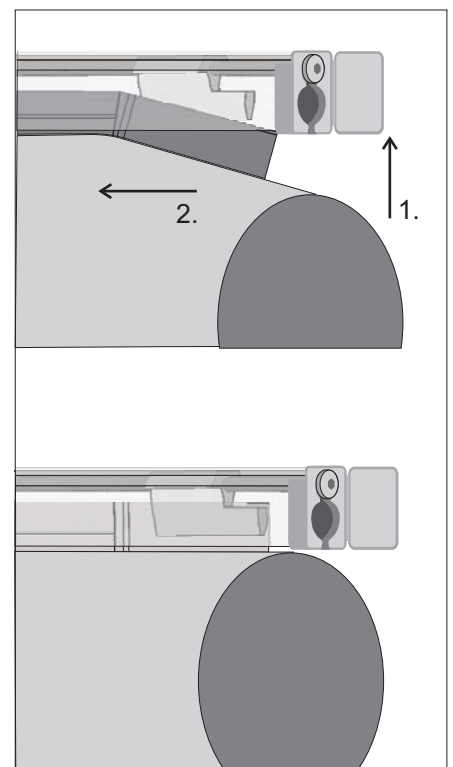
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Setting of slider - b



Details: Fitting pocket with slider

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AEL

SECTION C

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx. 0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx. 1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

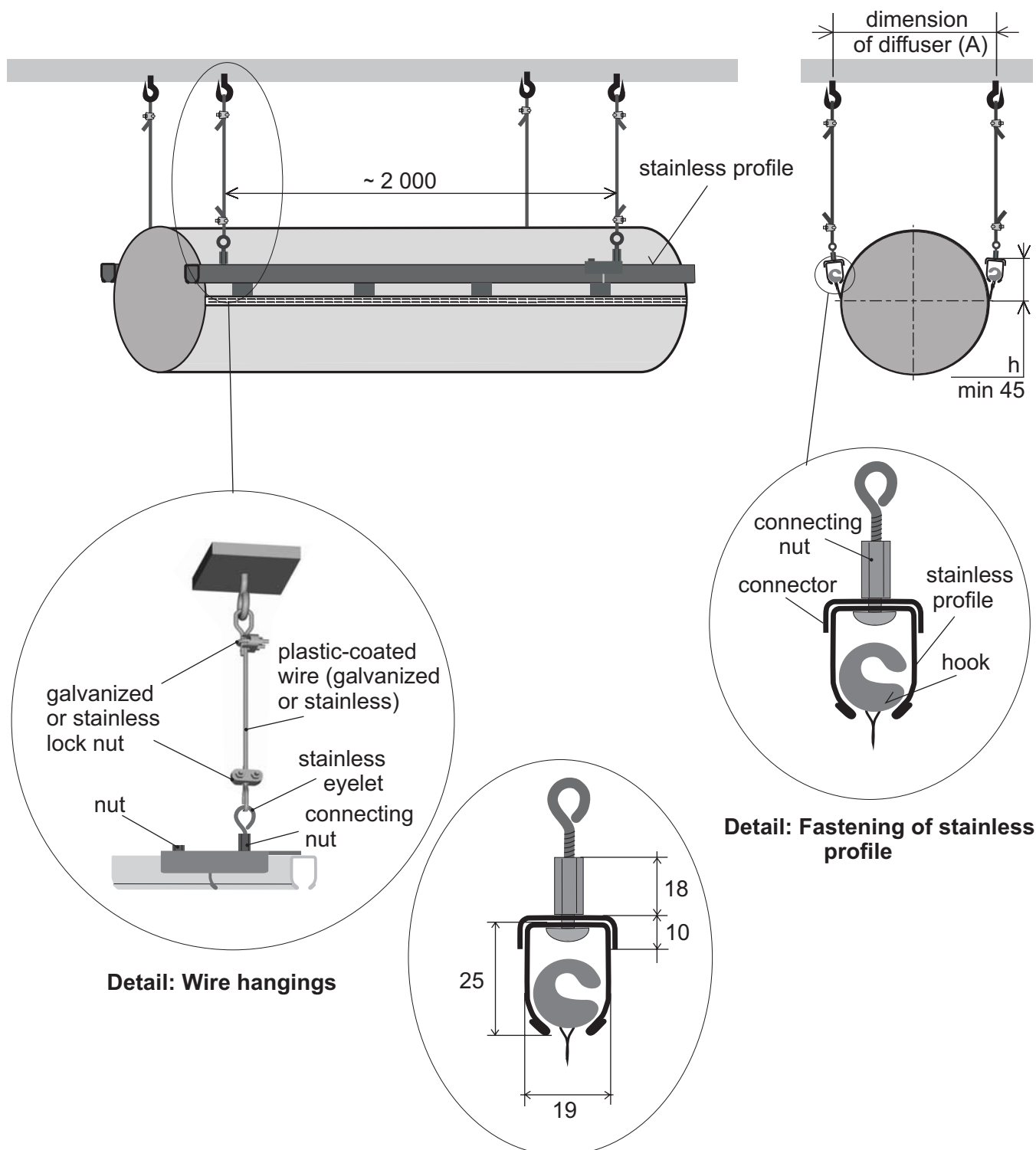
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6G

SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

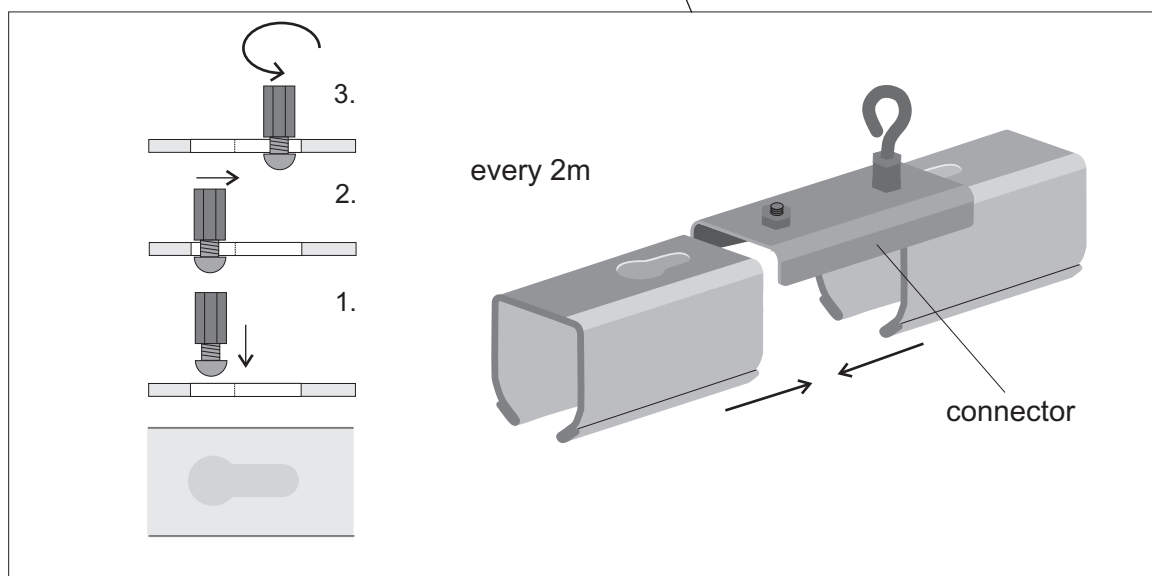
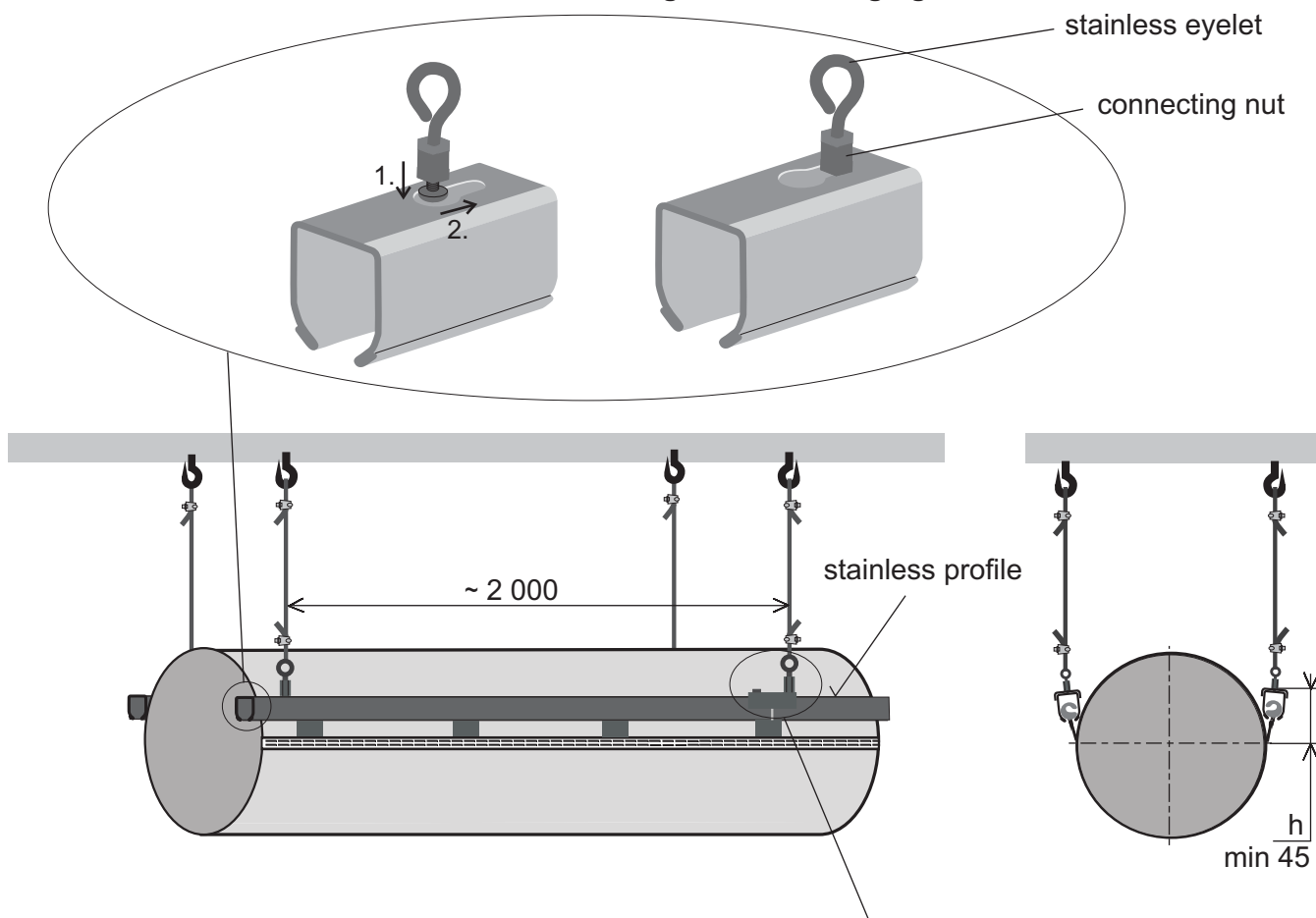
3. INSTALLATION

6G

SECTION C

3. INSTALLATION

Detail: First and last hanger of wire hanging



Detail: Connecting of profiles

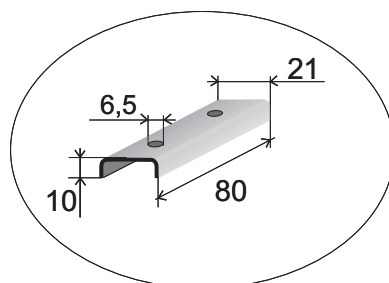
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

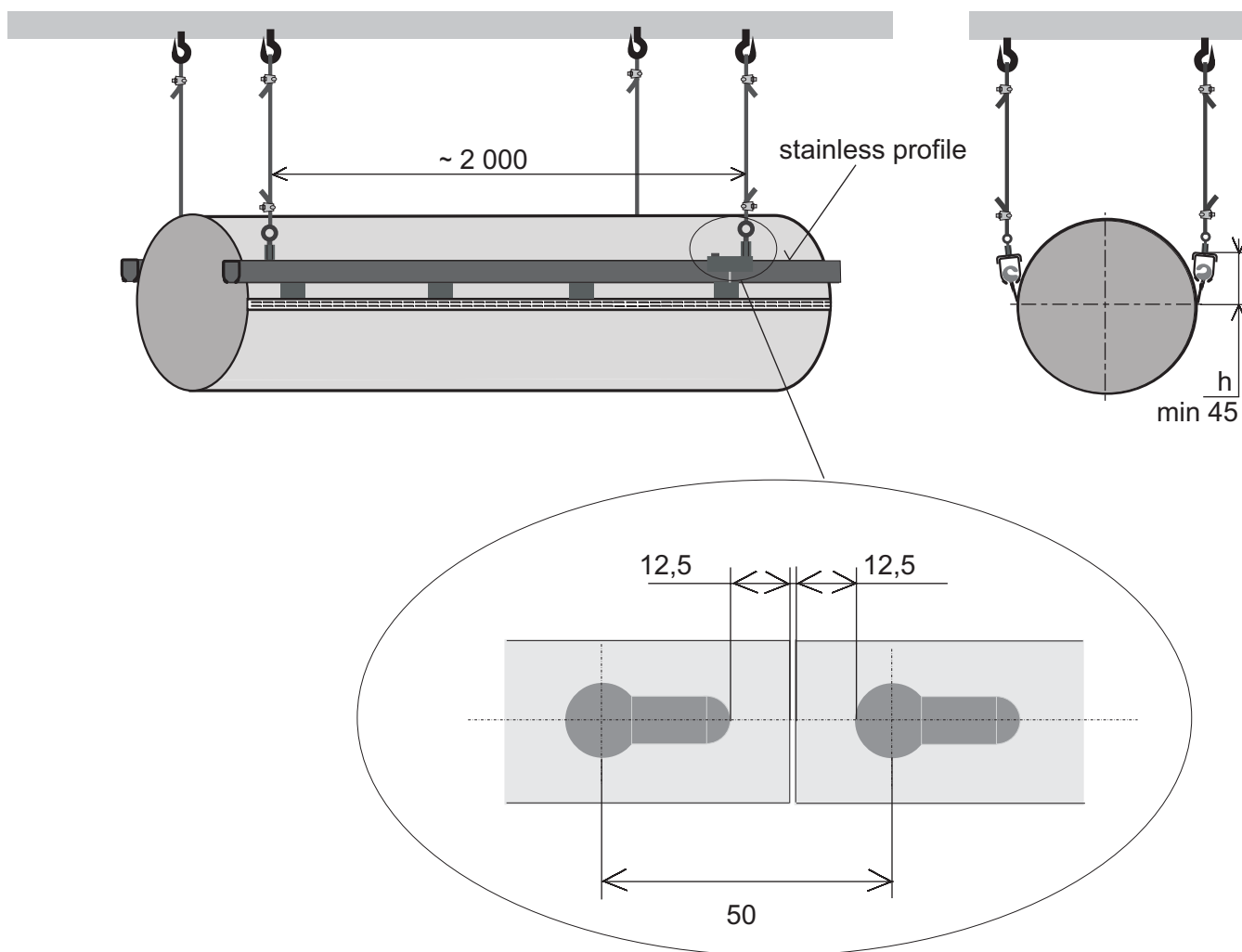
6G

SECTION C

3. INSTALLATION



Detail: Connector



Detail: Sequencing stainless steel profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6G

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the points for two rows of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). The distance of rows of wire hangings is the same as the dimension of diffuser. The wire hangings hold the profiles aligned. For anchoring of wire use the common hook with ca. 10 cm eyelet diameter. The loading hanger capacity of 500 N will be sufficient. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 4. Preparation of eyelets:** Screw the connecting nut on each eyelet about till the middle of its height.
- 5. Hanging the first and the last part of profile:** Screw the M6 screw to the connecting nut of the first wire hanger about till the middle of its thread's height. Put the screw-head through the opening at the beginning of the first part of profile according to the Detail „First and last hanger of wire hanging“. Screw up tightly. Do the same with the last part of profile at its end.
- 6. Hanging and connecting profiles:** Screw one M6 screw with the nut on each connector (nuts from the upper side). Screw the connectors by mean of M6 screw to the connecting nuts on the wire hangers. Do not screw up tightly. Put the both screw-heads through the openings at the adjoining ends of the connecting parts of profiles and shift them according to the Detail: "Connecting profiles". Screw up tightly. Hang this way all the parts of profiles one by one. Keep the right sequencing of openings according to the Detail: "Sequencing stainless steel profiles". The length of a part of profile can be changed at the end parts only.
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

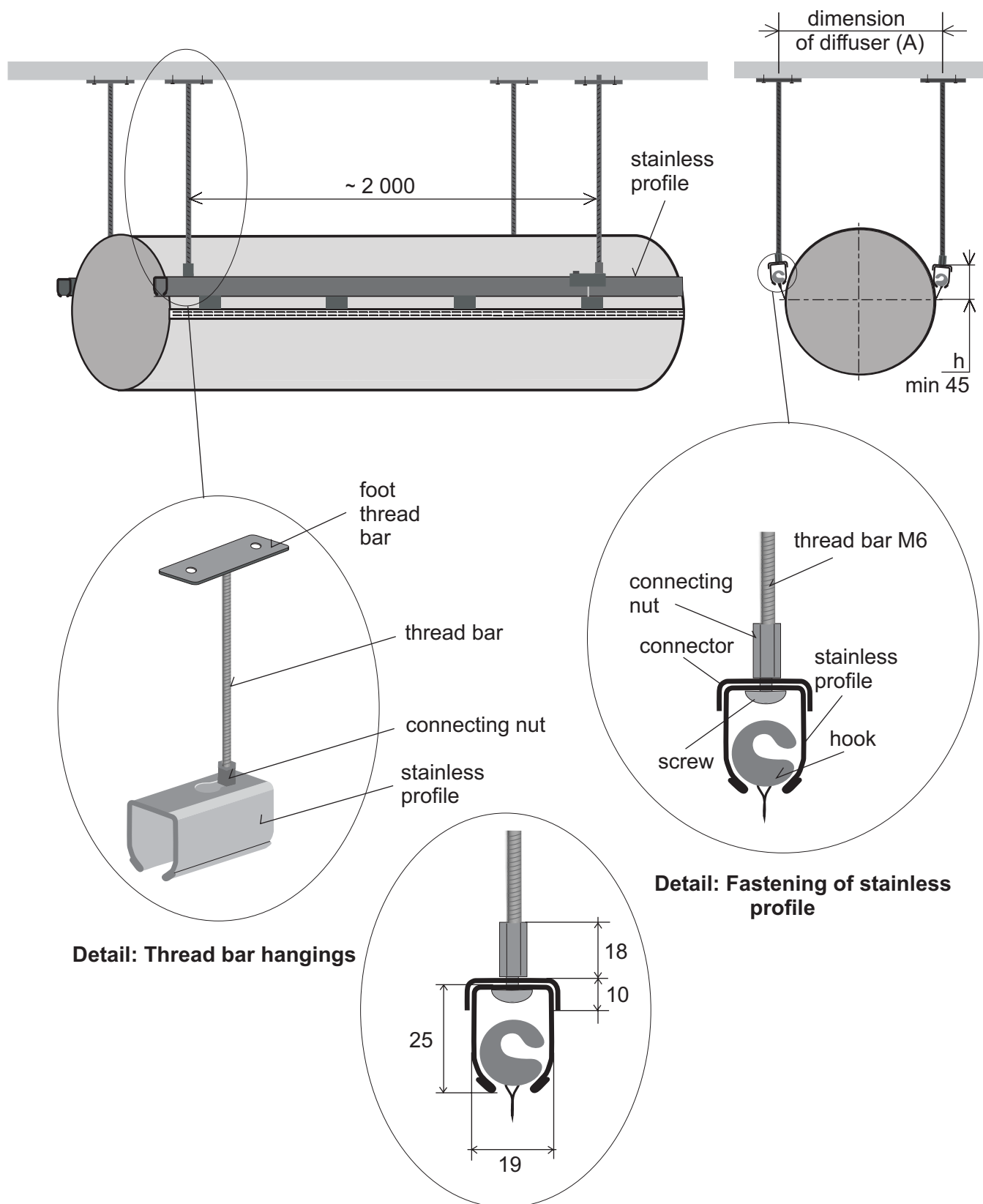
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6EG

SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

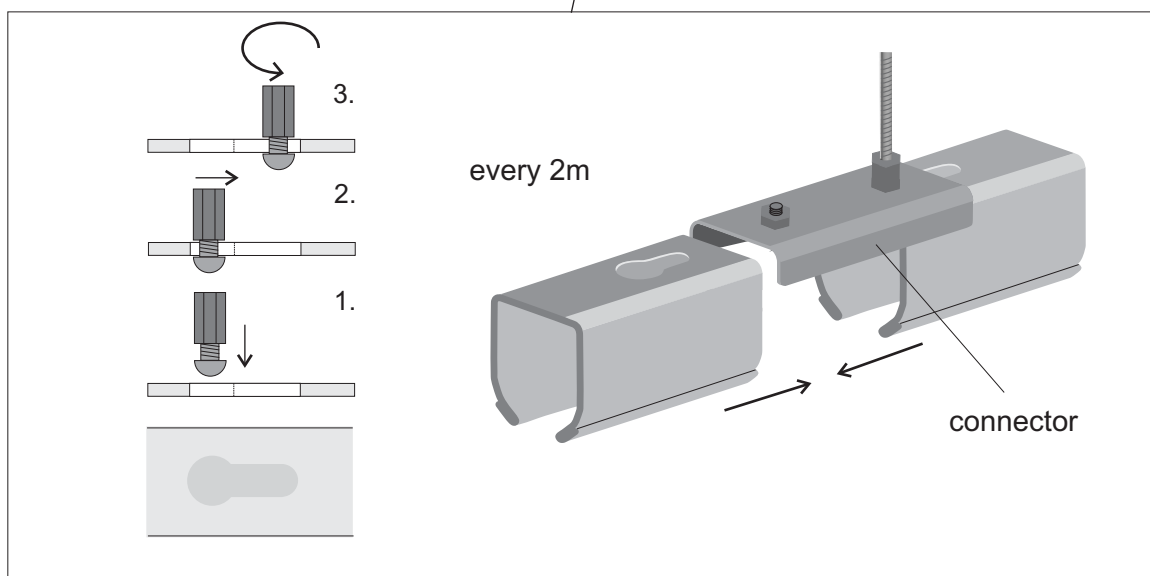
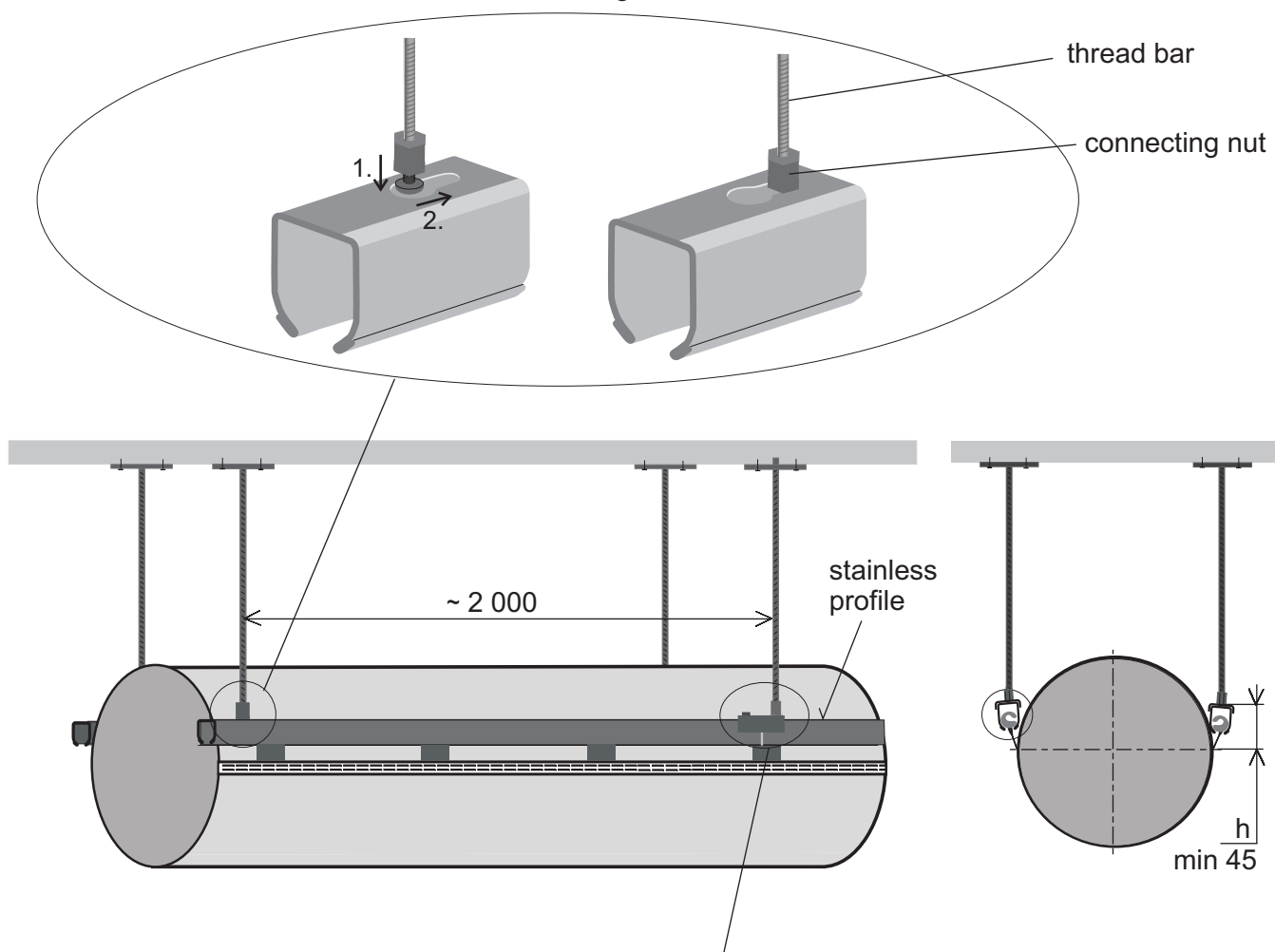
3. INSTALLATION

6EG

SECTION C

3. INSTALLATION

Detail: First and last hanger of thread bar



Detail: Connecting of profiles

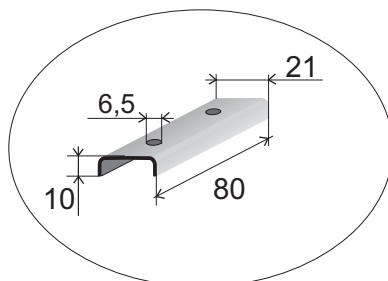
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

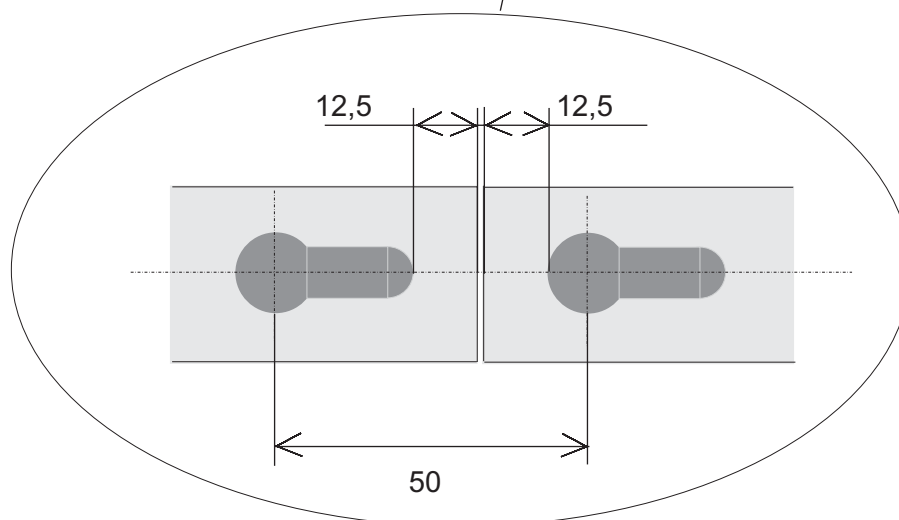
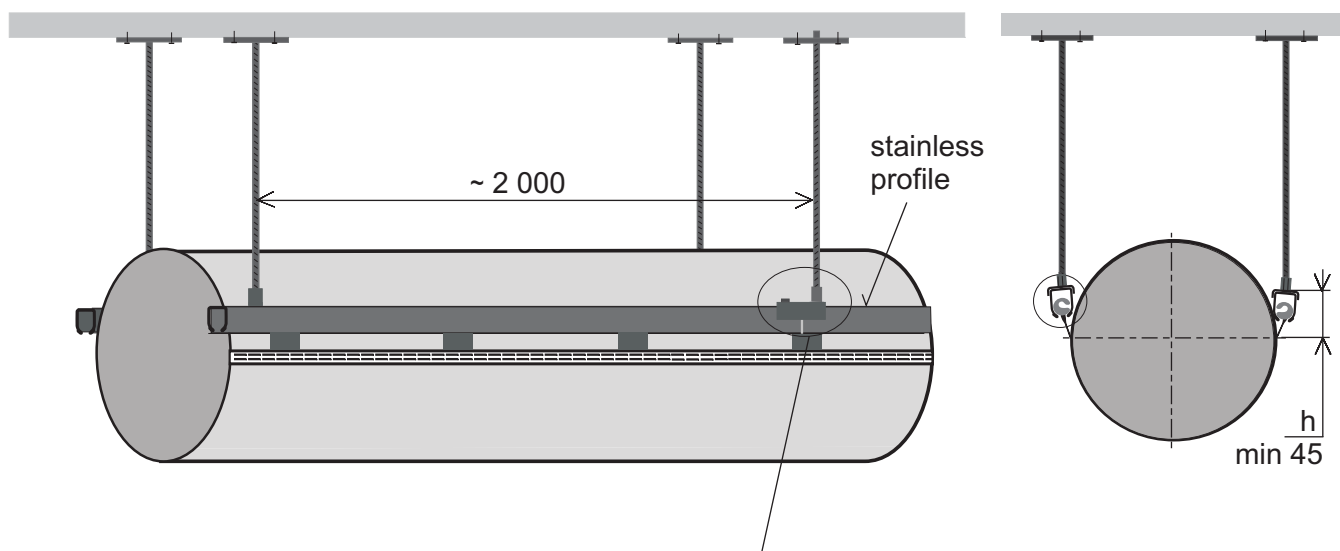
6EG

SECTION C

3. INSTALLATION



Detail: Connector



Detail: Sequencing stainless steel profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6EG

SECTION C

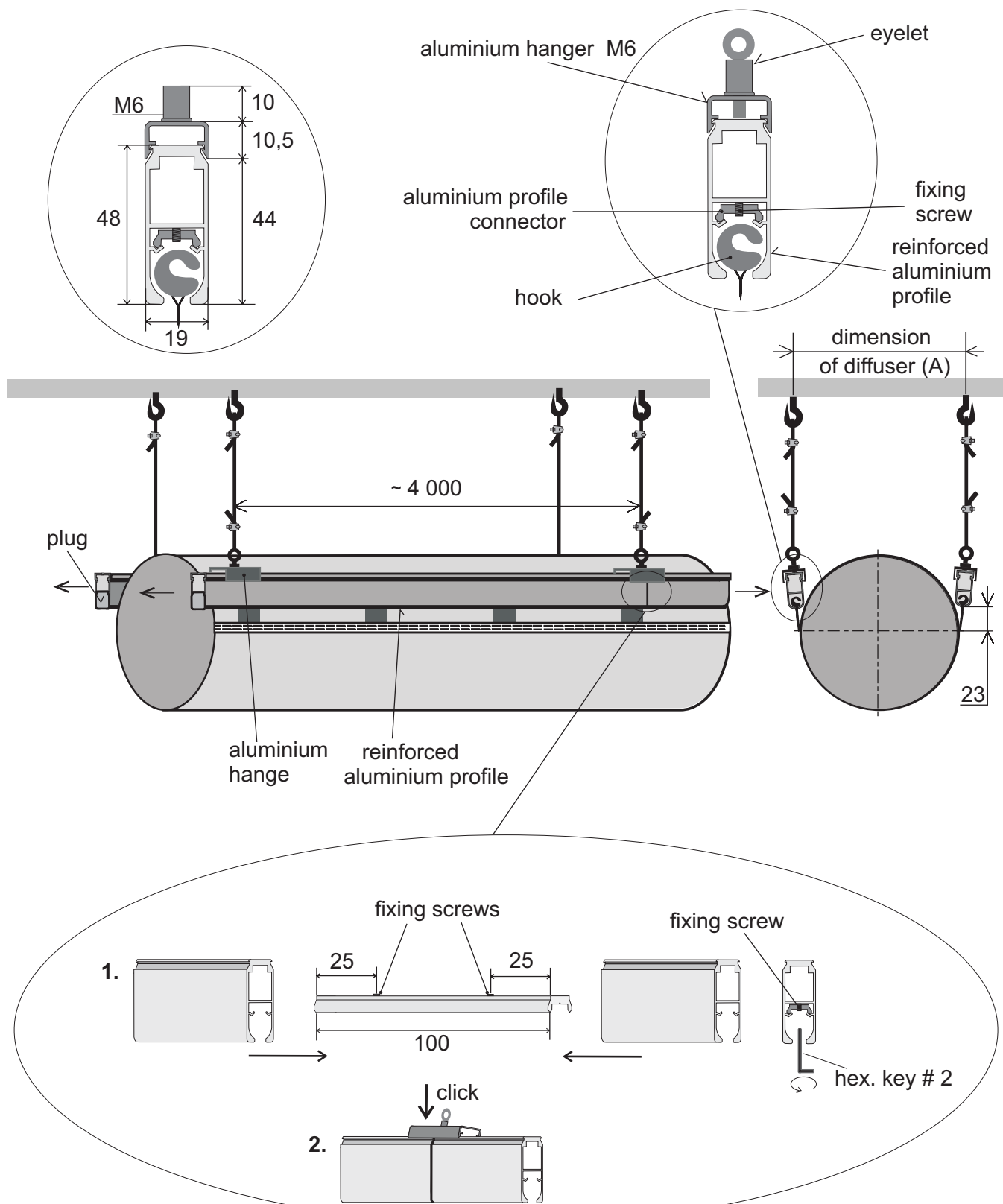
- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting two rows of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the foot of thread bar from one side and the M6 nut from the other side (ca. 4 cm high) on each thread bar.
- 4. Mounting feet and thread bars:** Mount the feet of the thread bars to the prepared anchoring points on the ceiling or other structure. Screw the thread bars to the feet. Screw one connecting nut on the lower end of each thread bar about to the middle of its height.
- 5. Preparation of the first and the last part of profile:** Screw the M6 screw to the one connecting nut about till the middle of its thread's height. Put the screw-head through the opening at the beginning of the first part of profile according to the detail „First and last hanger of thread bar“. Screw up tightly. Do the same with the last part of profile at its end.
- 6. Hanging and connecting of profiles:** Screw one M6 screw with the nut (nuts from the upper side) on each connector. This way prepared connectors screw to the thread bars by means of M6 screw. Do not screw up tightly. Put the screw-heads through the openings at the beginnings the connecting parts of profiles according to the "Detail of connecting profiles". Screw up tightly. Keep the right sequencing of openings according to the "Detail: Sequencing stainless steel profiles". The length of a part of profile can be changed at the end parts only.
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

SECTION C

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Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

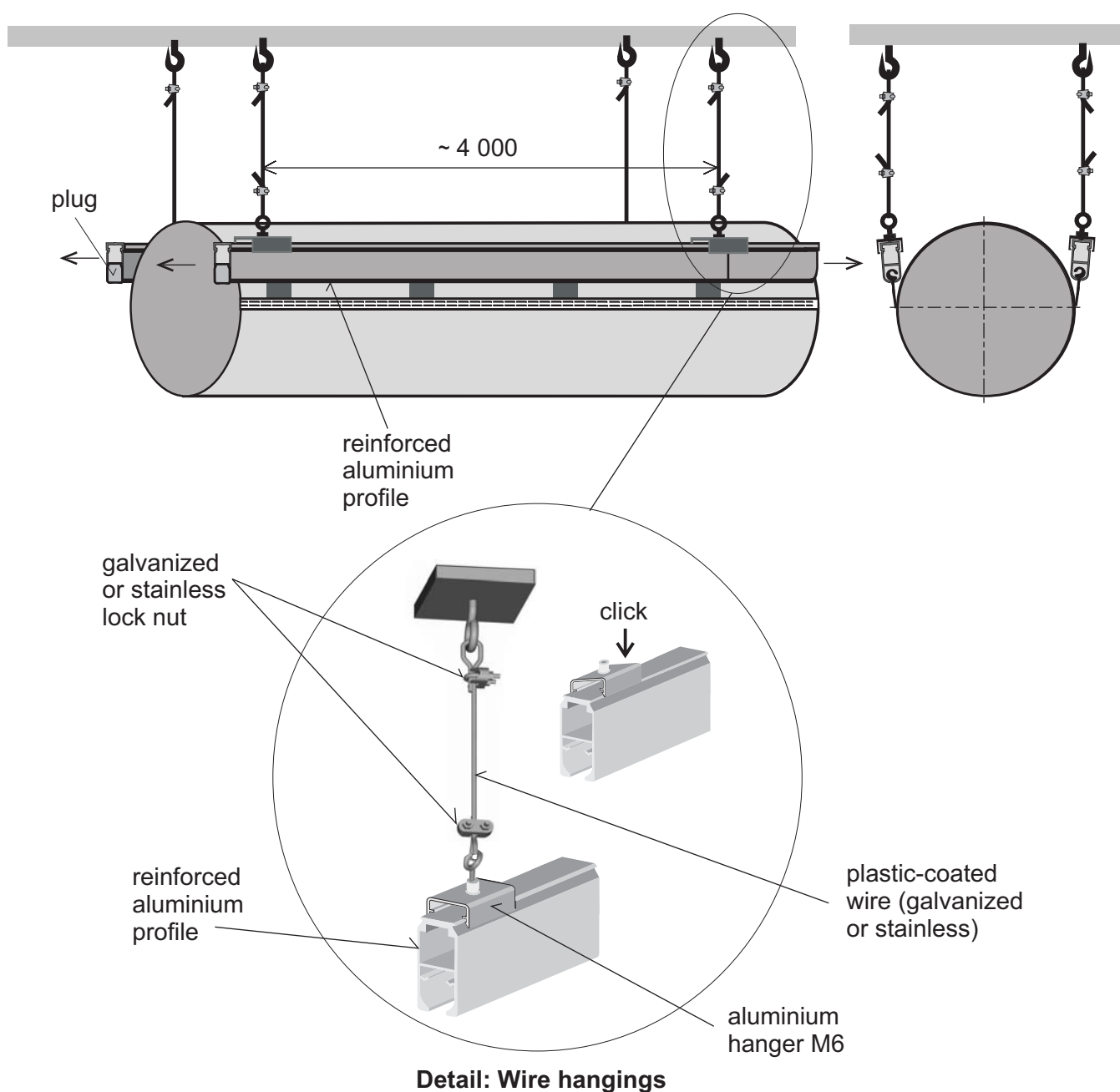
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SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6I**6DI****6FI**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position two rows of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
- 7. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Installation of plugs:** Mount the plugs on both ends of profiles.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

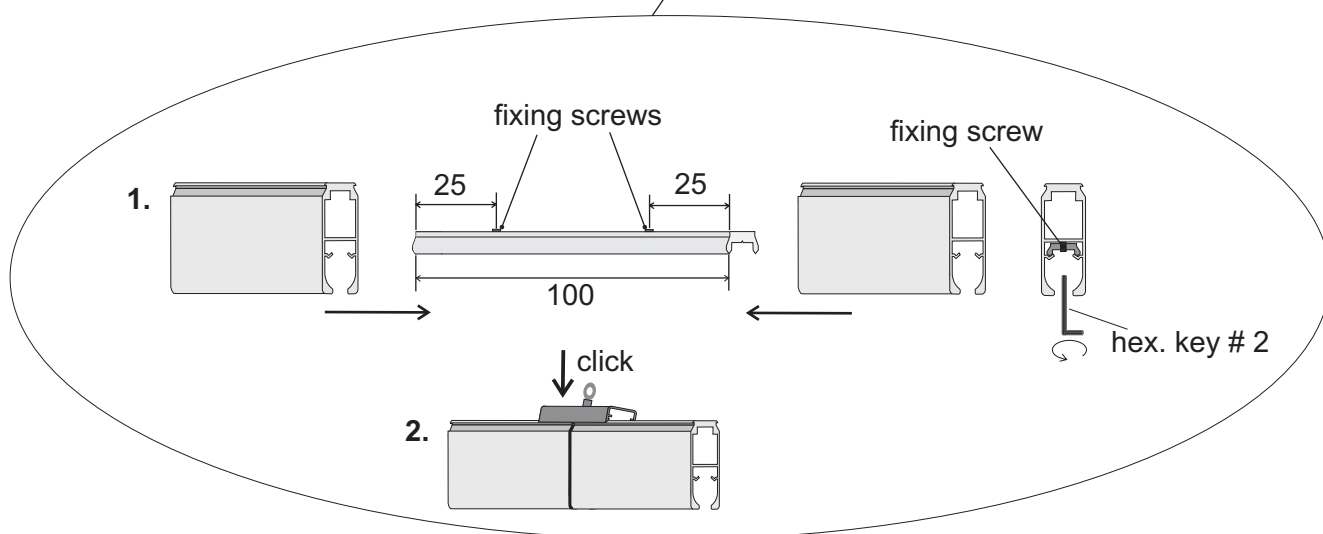
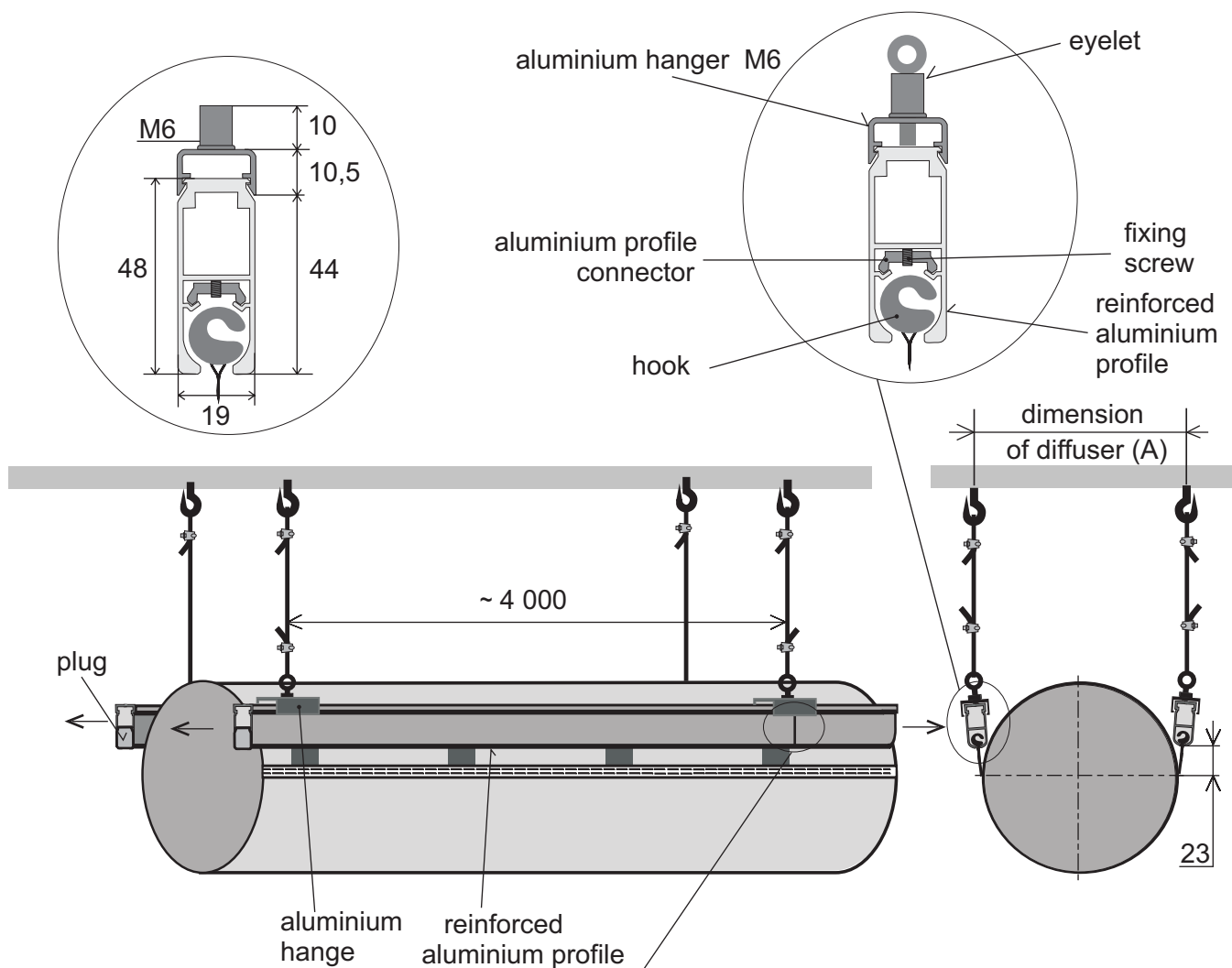
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SECTION C

3. INSTALLATION



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

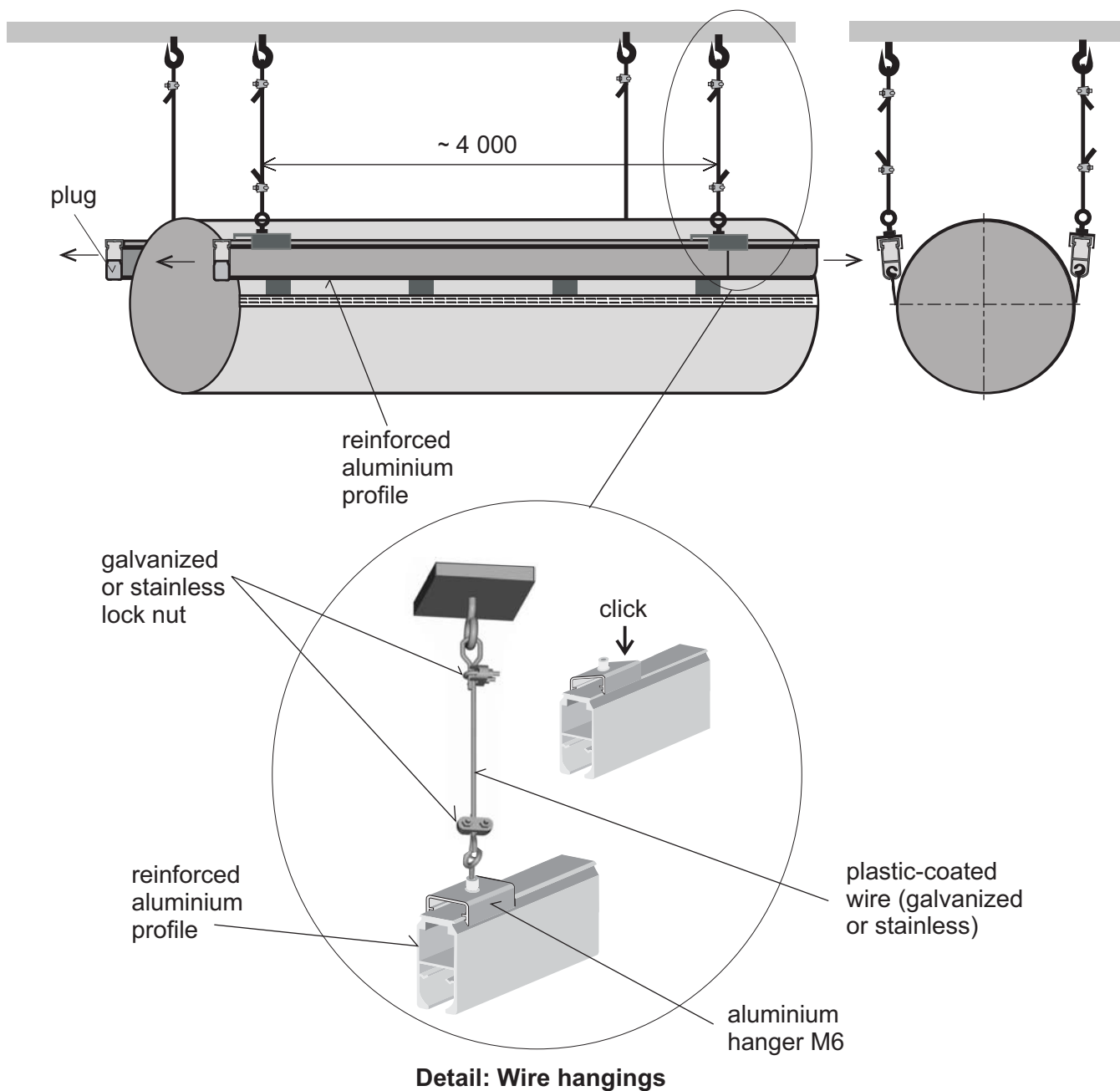
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SECTION C

3. INSTALLATION

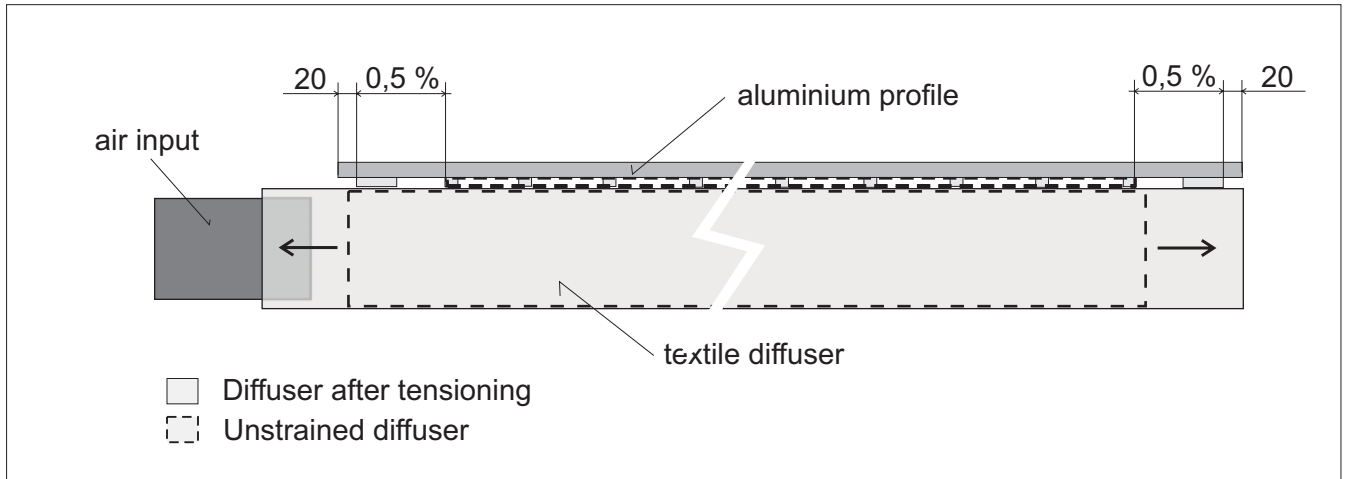
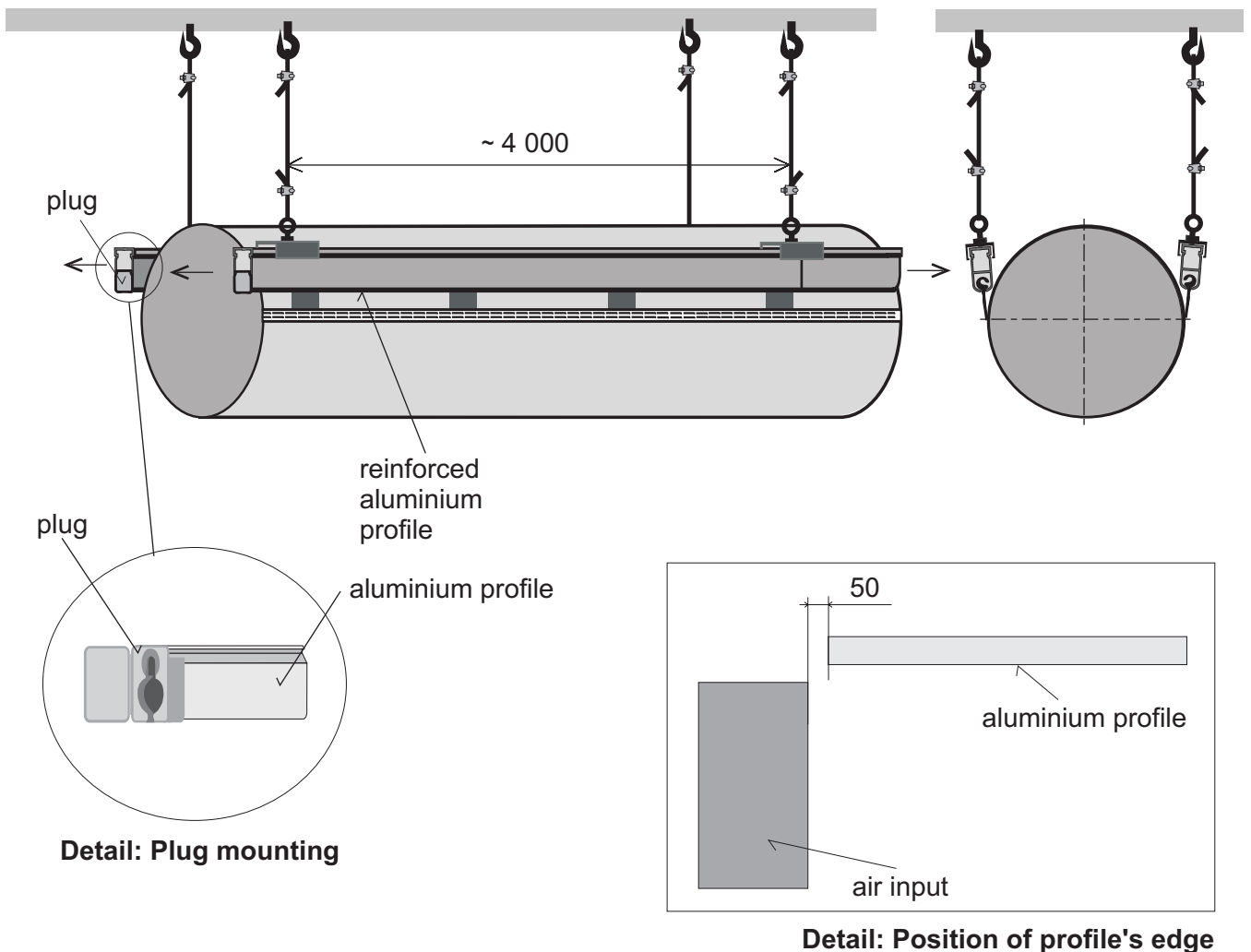


TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6IL**6DIL****6FIL**SECTION **C**

3. INSTALLATION

**Concept of tensioning**

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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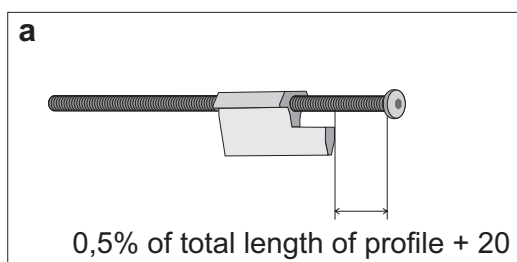
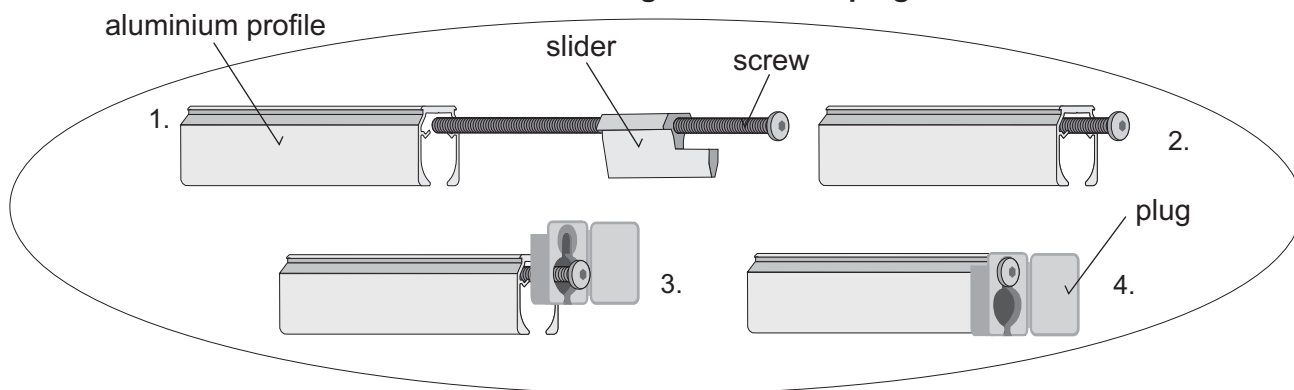
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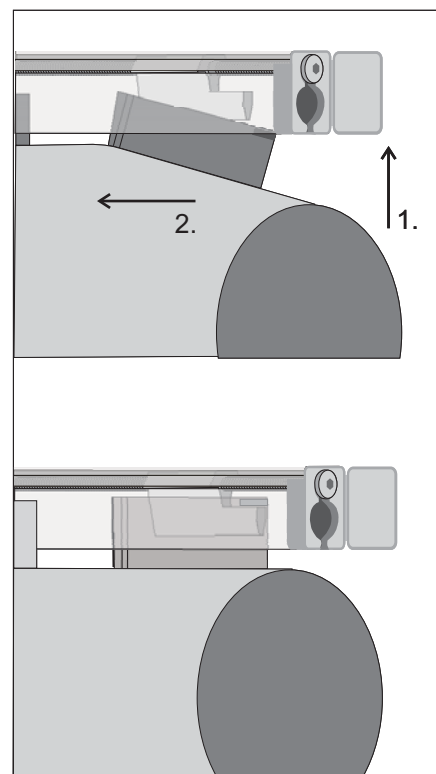
SECTION **C**

3. INSTALLATION

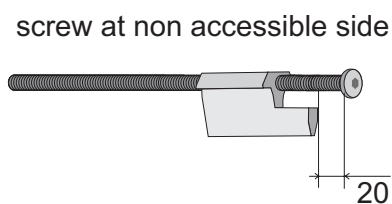
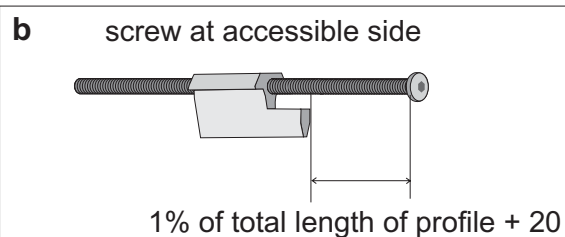
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6IL**6DIL****6FIL**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**

Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").

Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**

Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AI

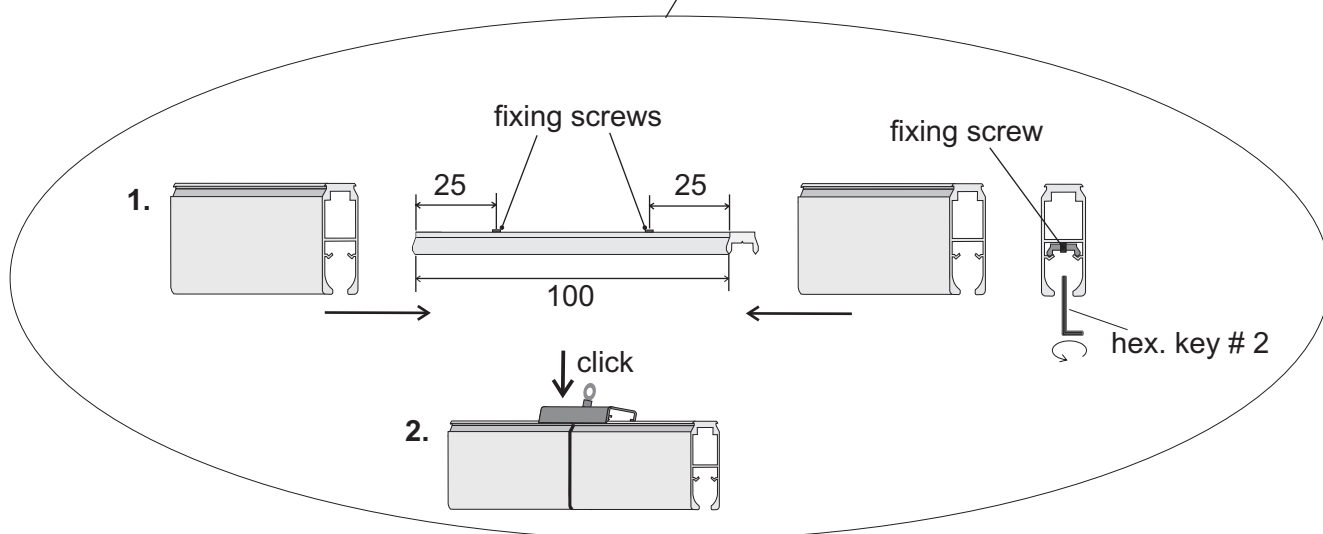
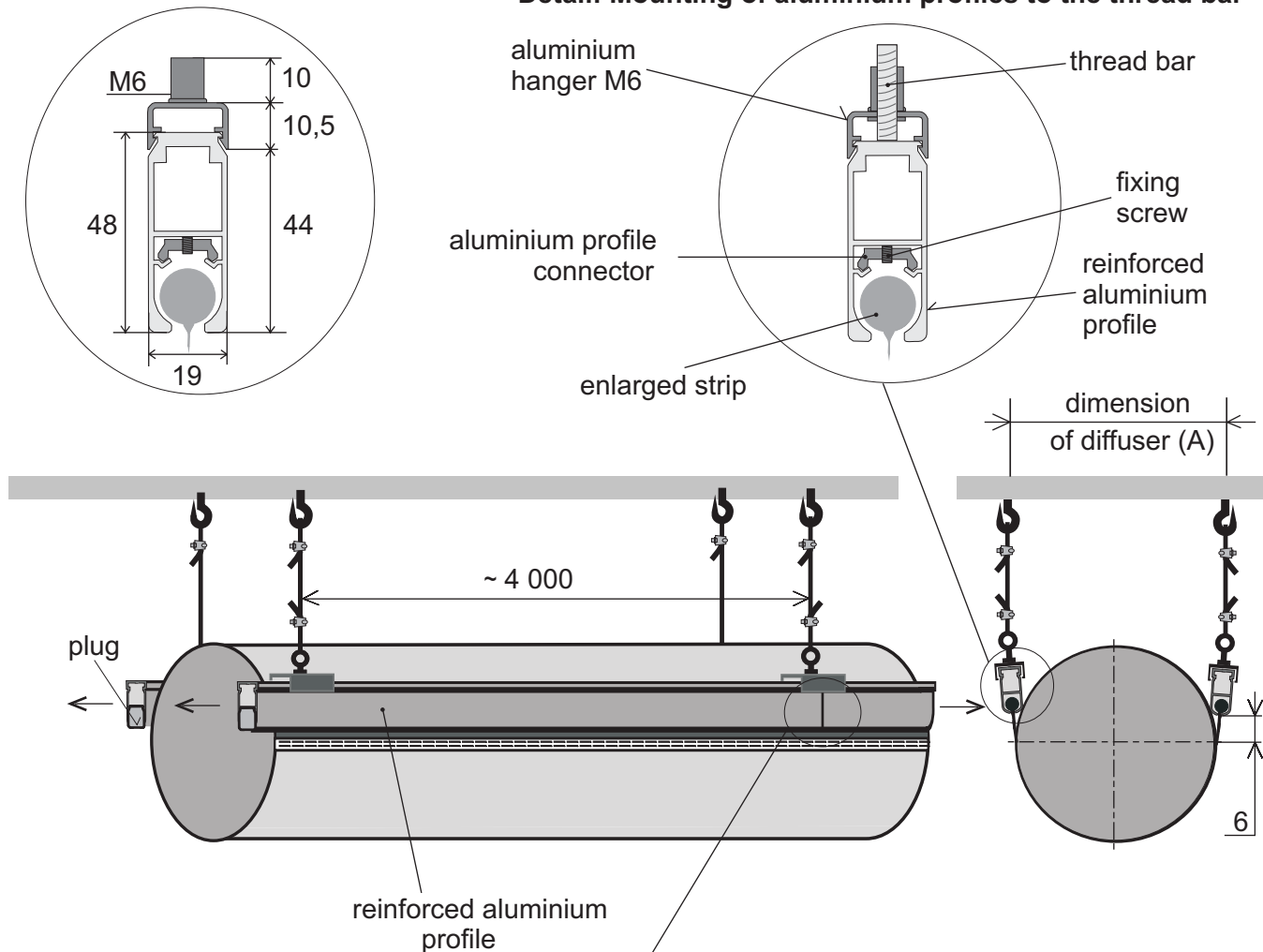
6ADI

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SECTION C

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

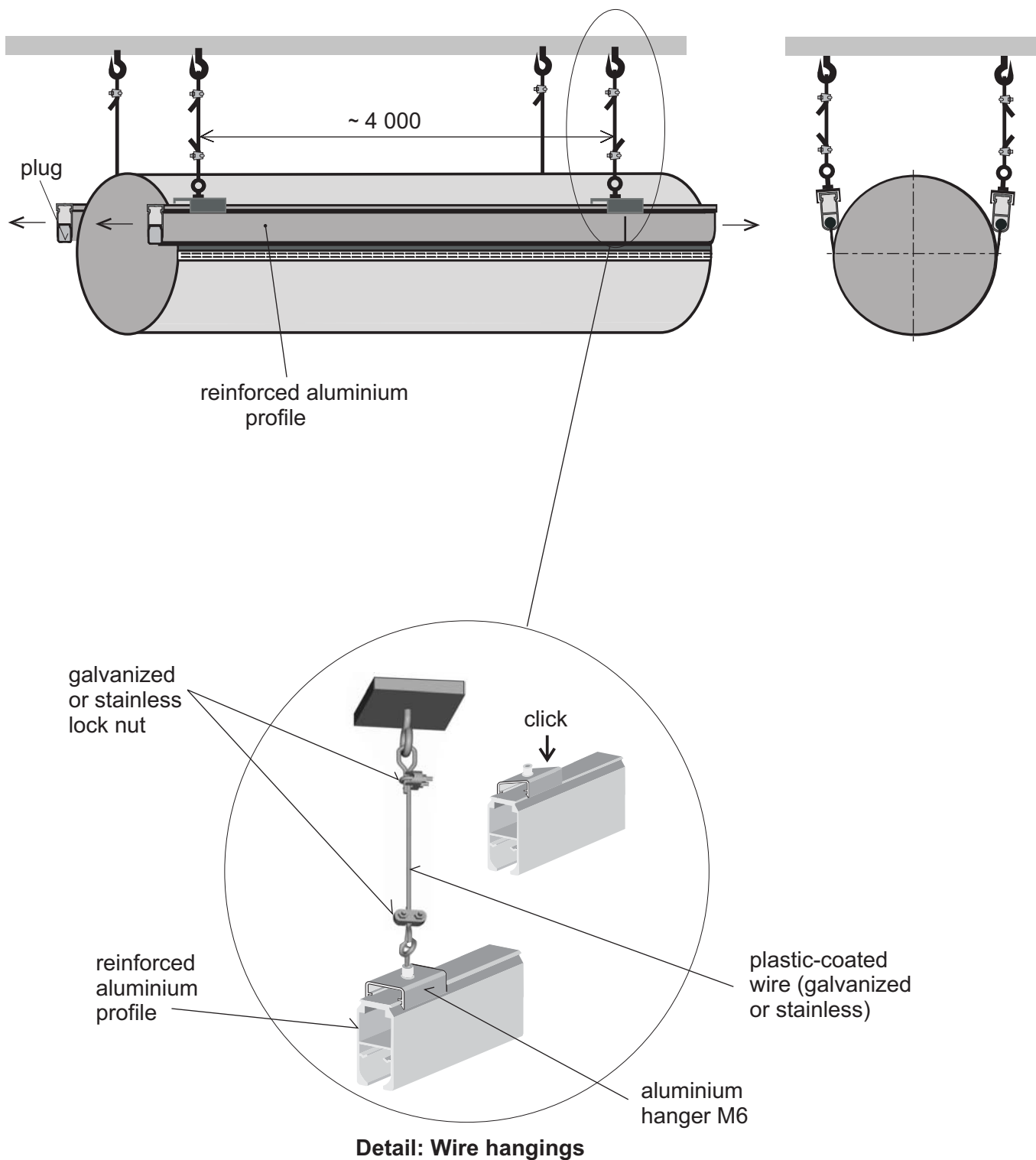
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3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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SECTION C

3. INSTALLATION

1. **Lay-out of fastening points for wire hangings:** Mark the position two rows of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
2. **Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
3. **Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
4. **Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
5. **Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
6. **Retightening of eyelets:** Retighten all eyelets so that the thread end of eyelet will bear on profile - see "Detail: Aluminium profile".
7. **Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
8. **Installation of plugs:** Mount the plugs on both ends of profiles.
9. **Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
10. **Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

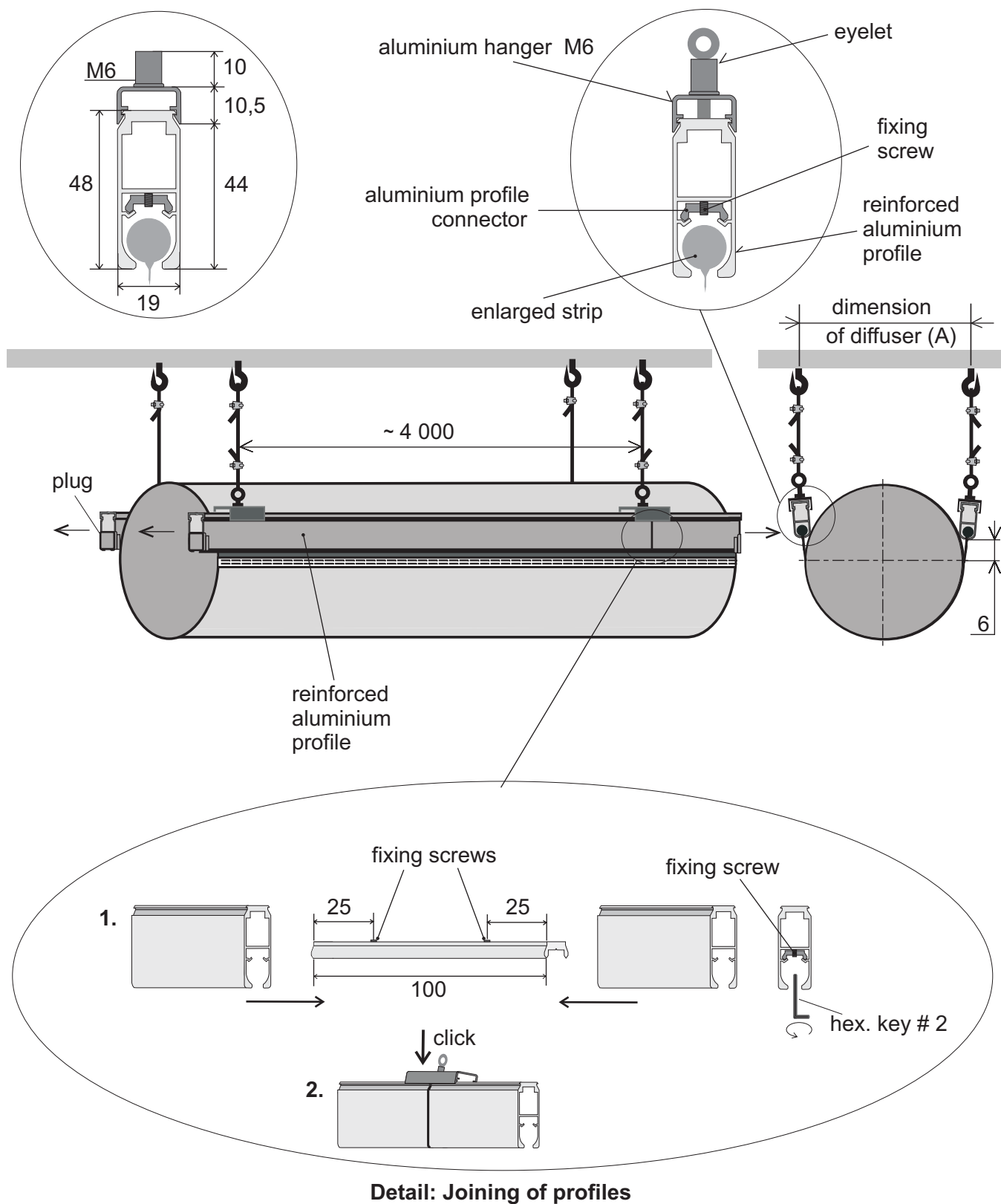
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SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

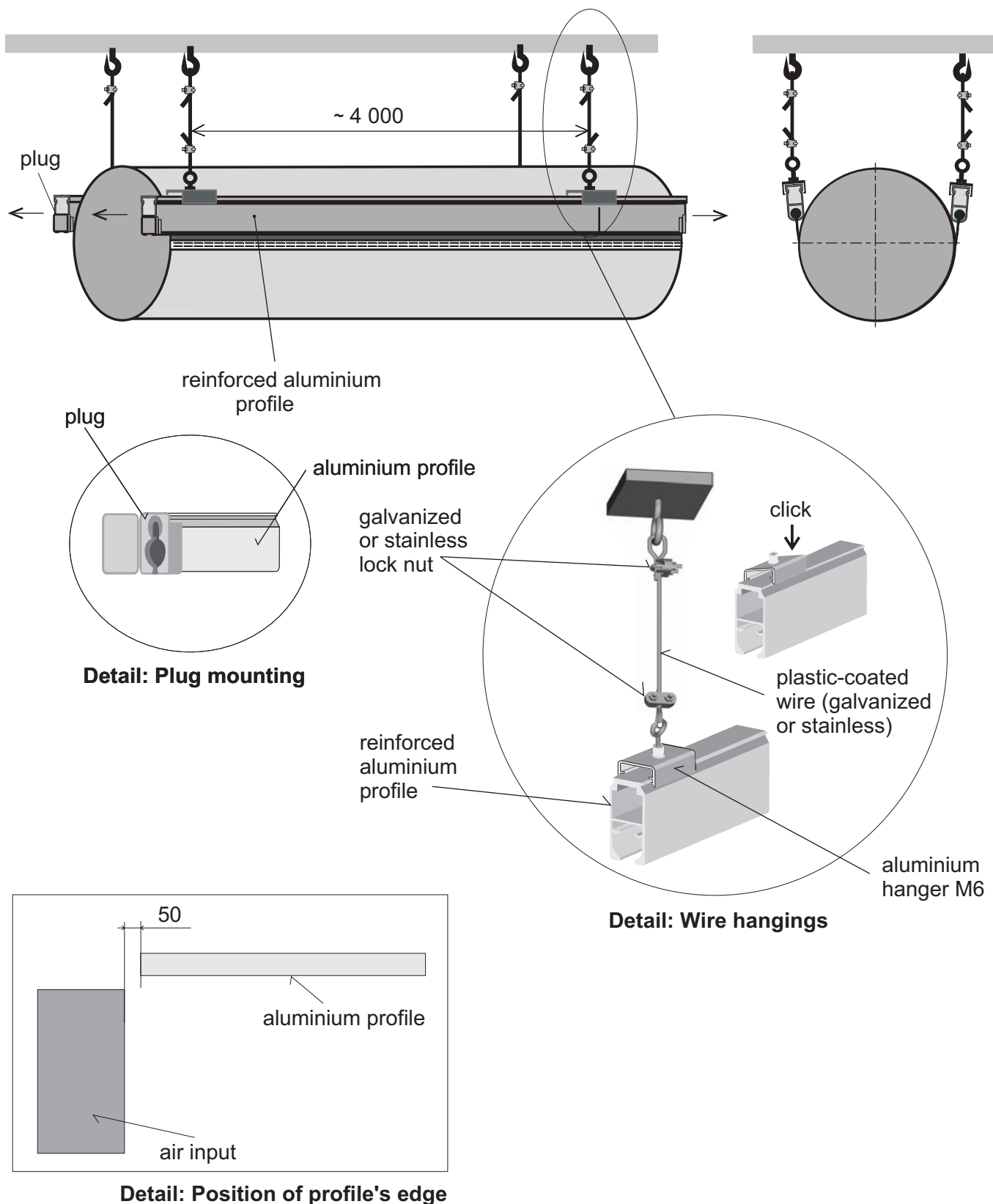
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SECTION C

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

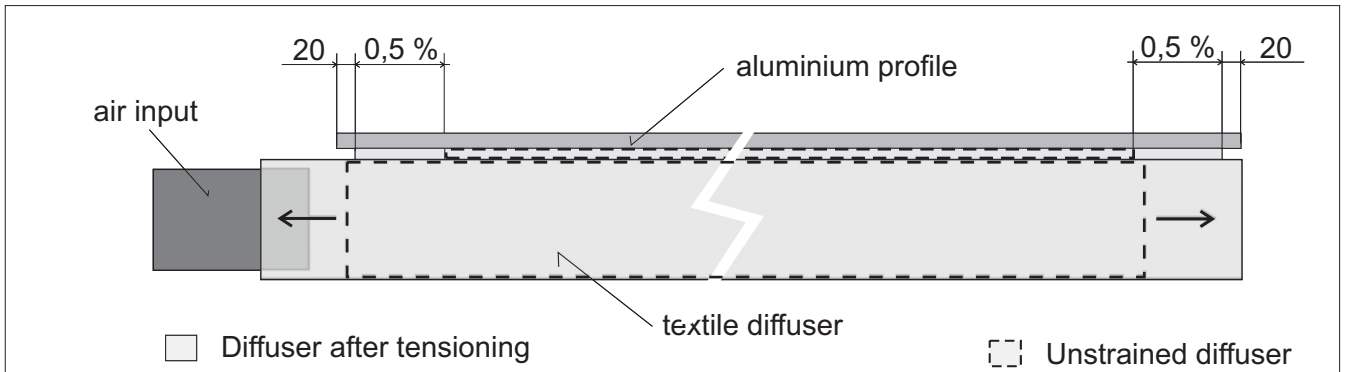
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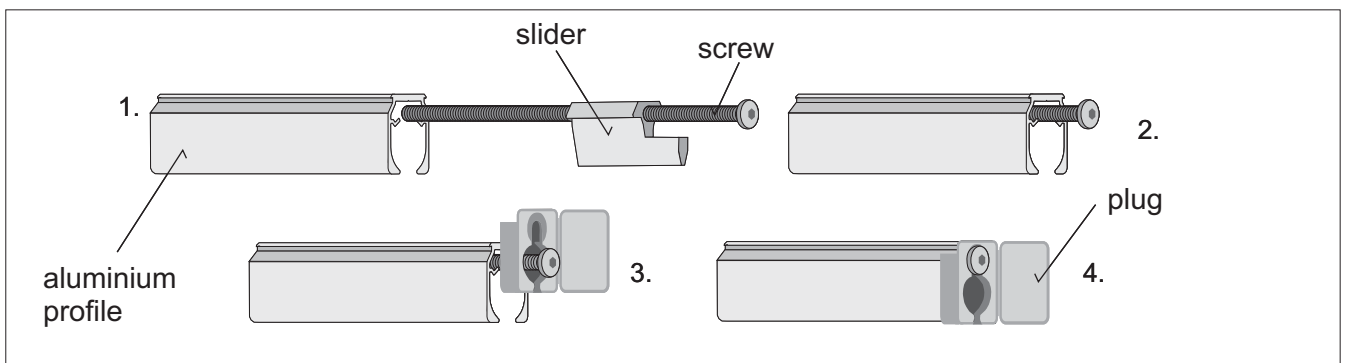
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SECTION **C**

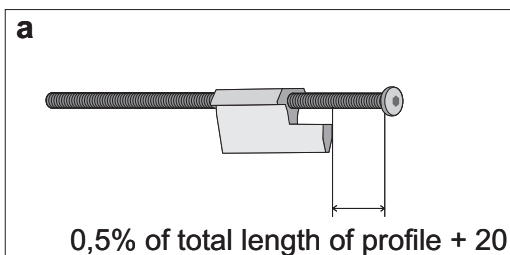
3. INSTALLATION



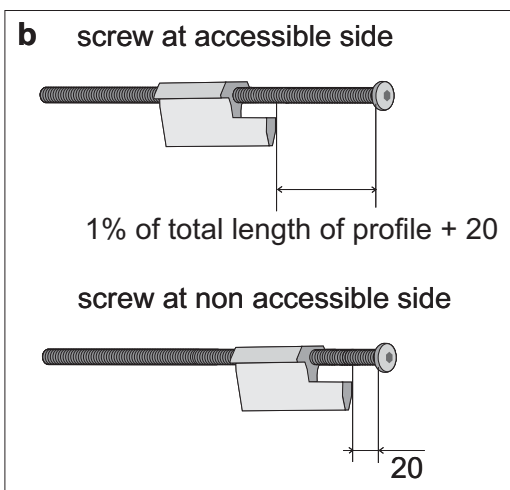
Concept of tensioning



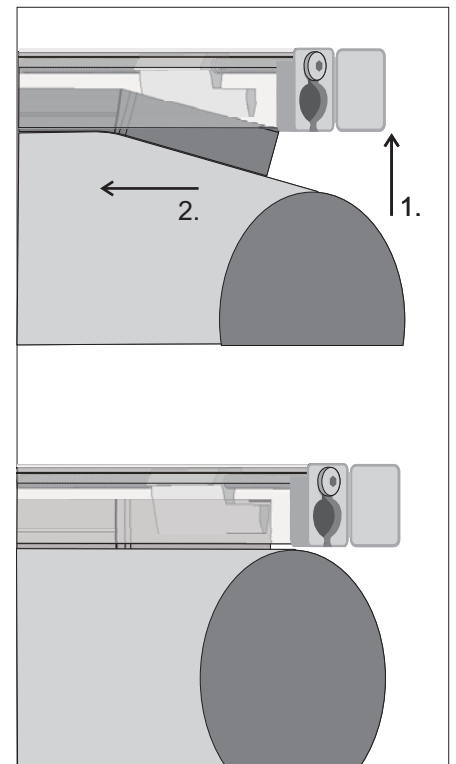
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Setting of slider - b



Details: Fitting pocket with slider

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AIL**6ADIL****6AFIL**SECTION **C**

3. INSTALLATION

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

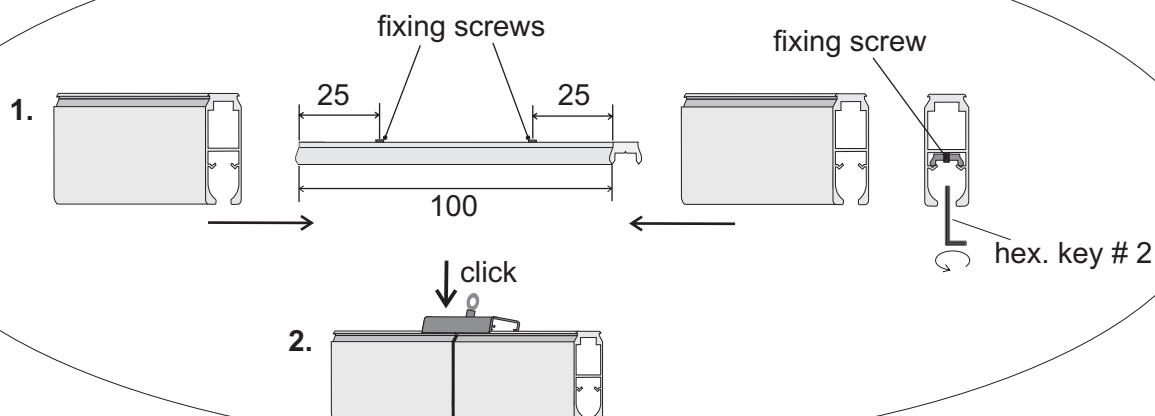
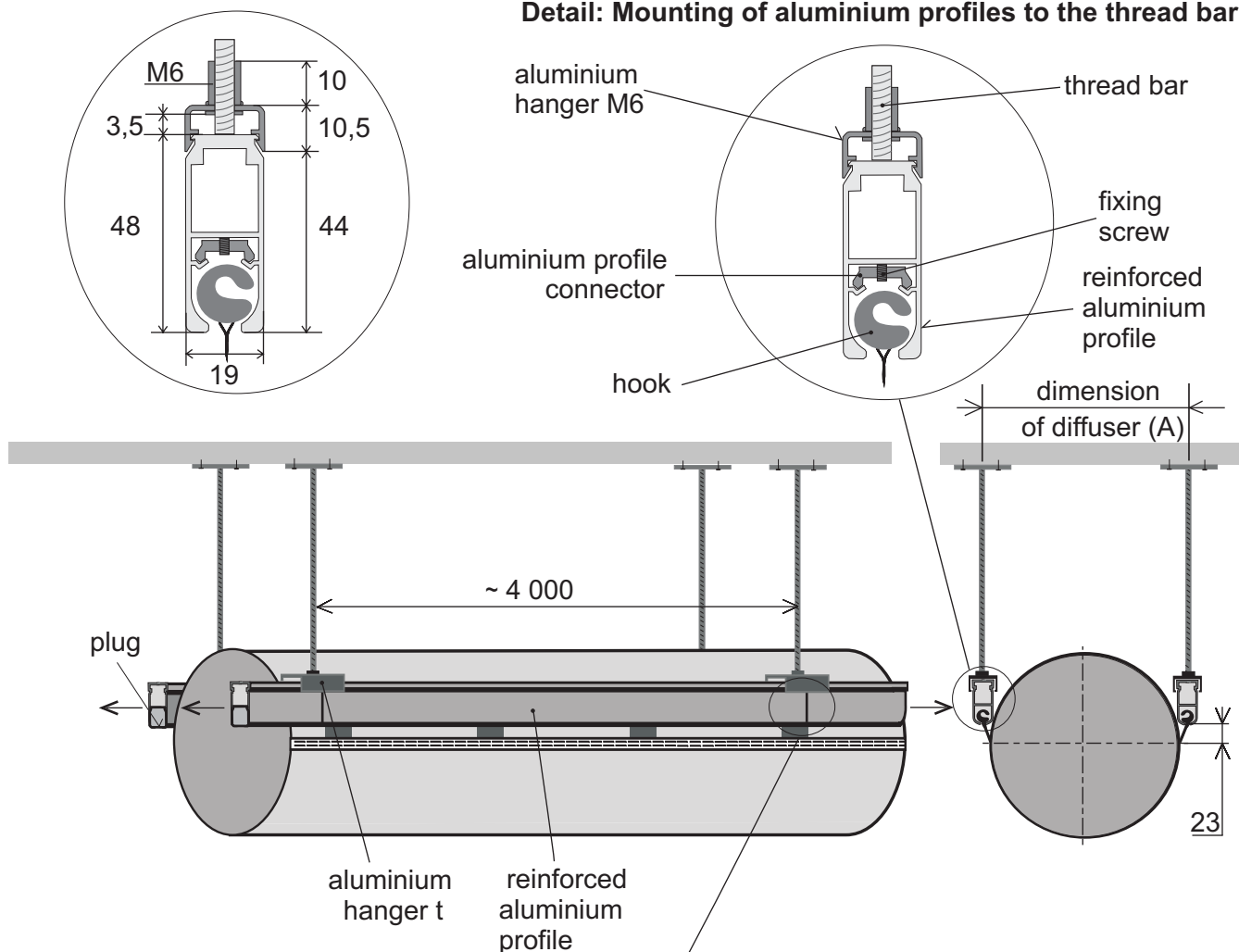
3. INSTALLATION

6EI

SECTION C

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Joining of profiles

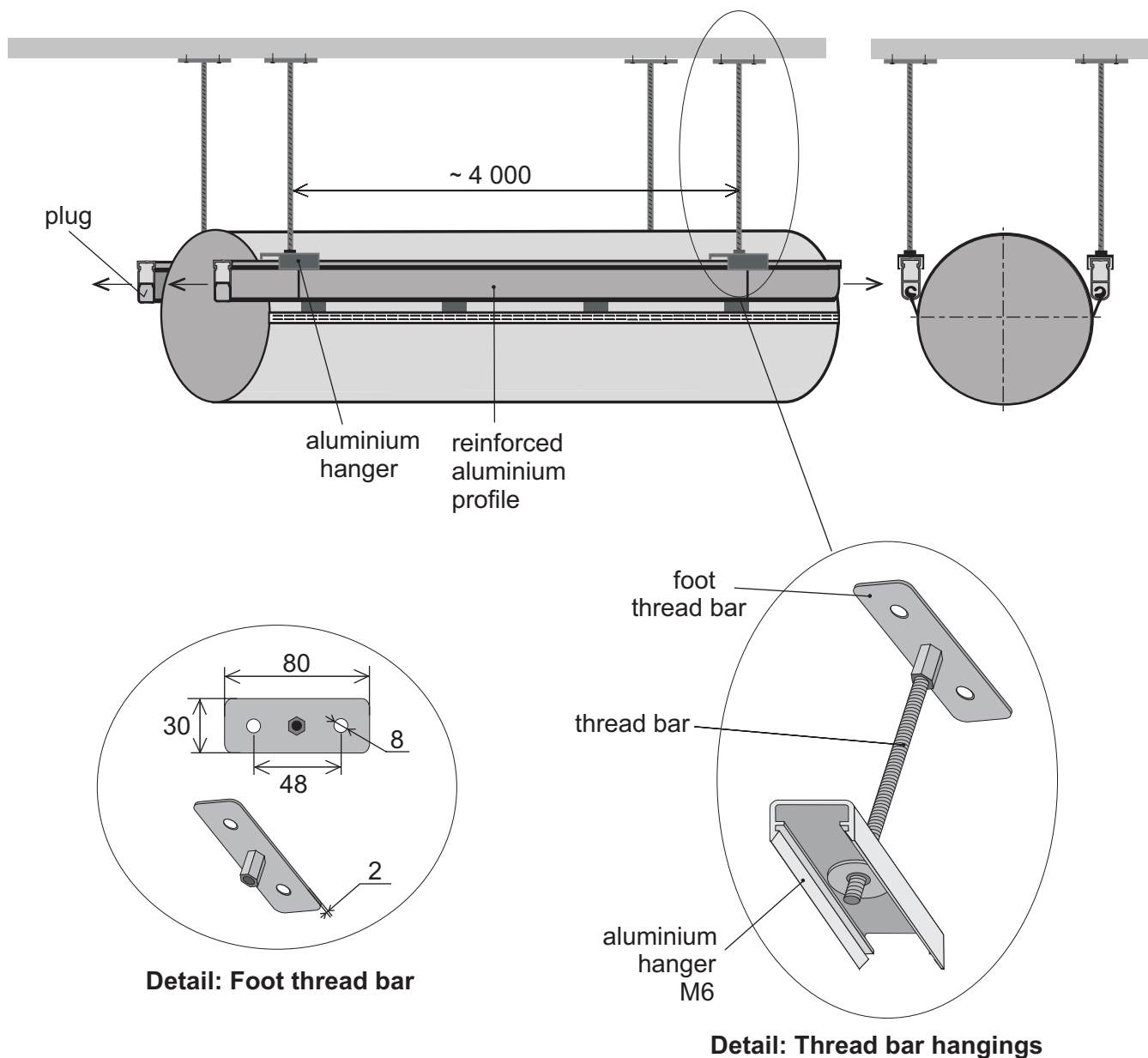
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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TEXTILE DIFFUSERS MOUNTING INSTRUCTION

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3. INSTALLATION

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting two rows of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

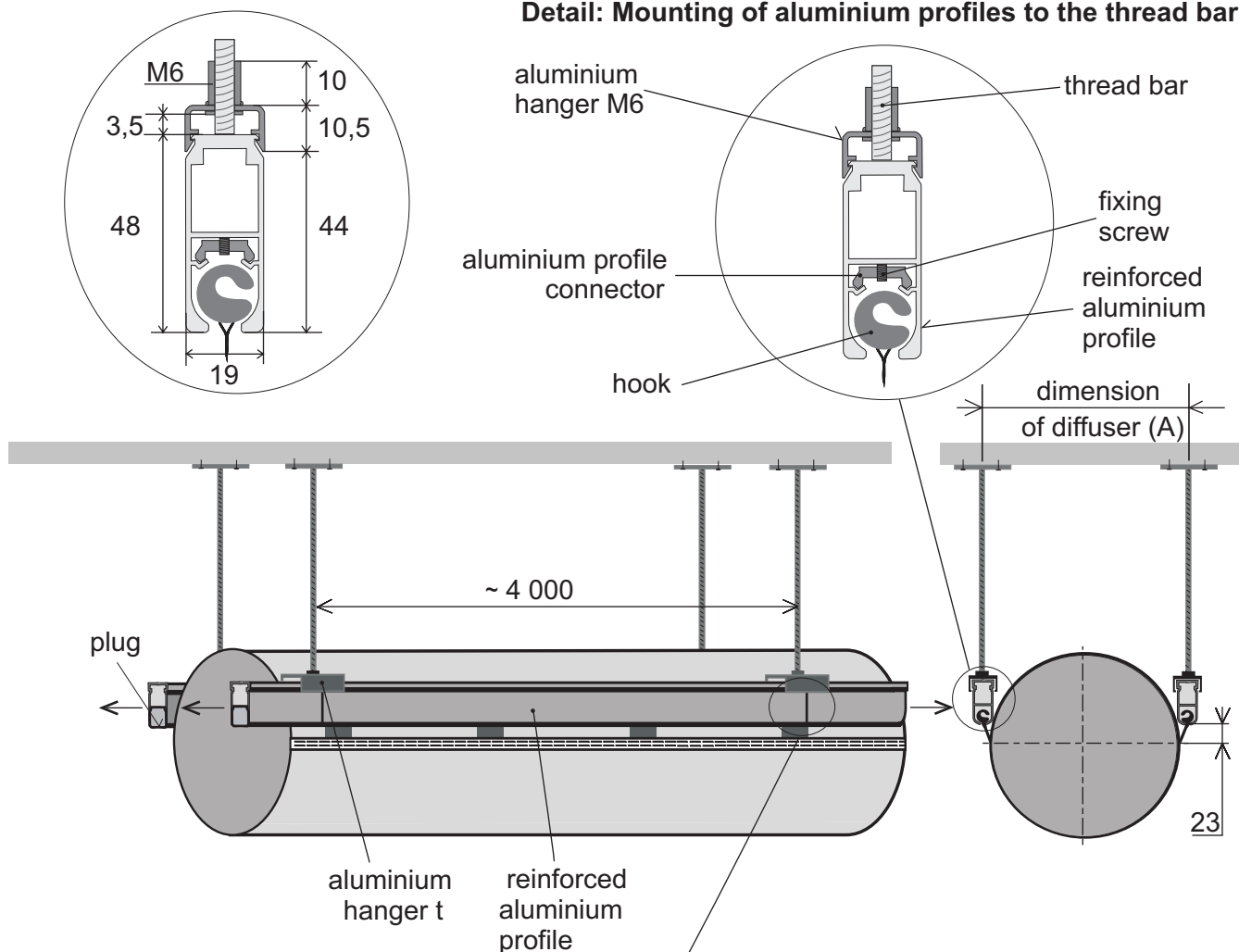
3. INSTALLATION

6EIL

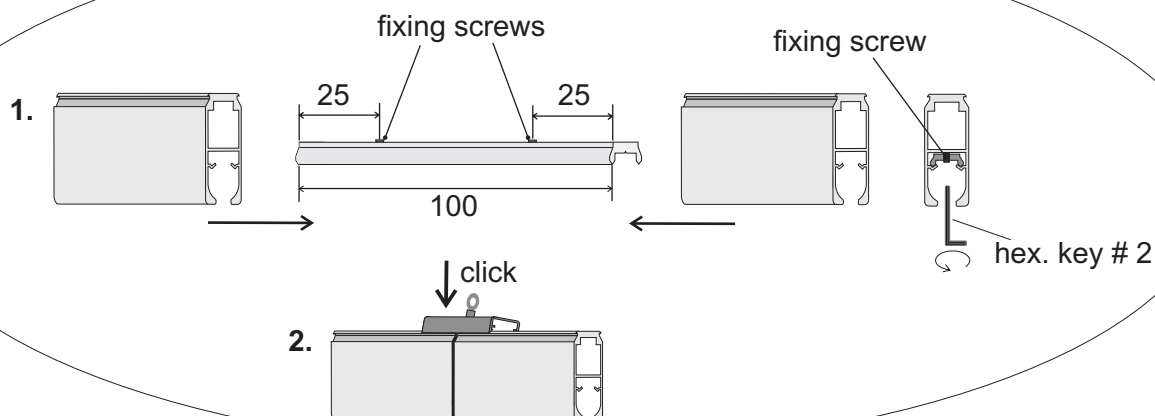
SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Joining of profiles



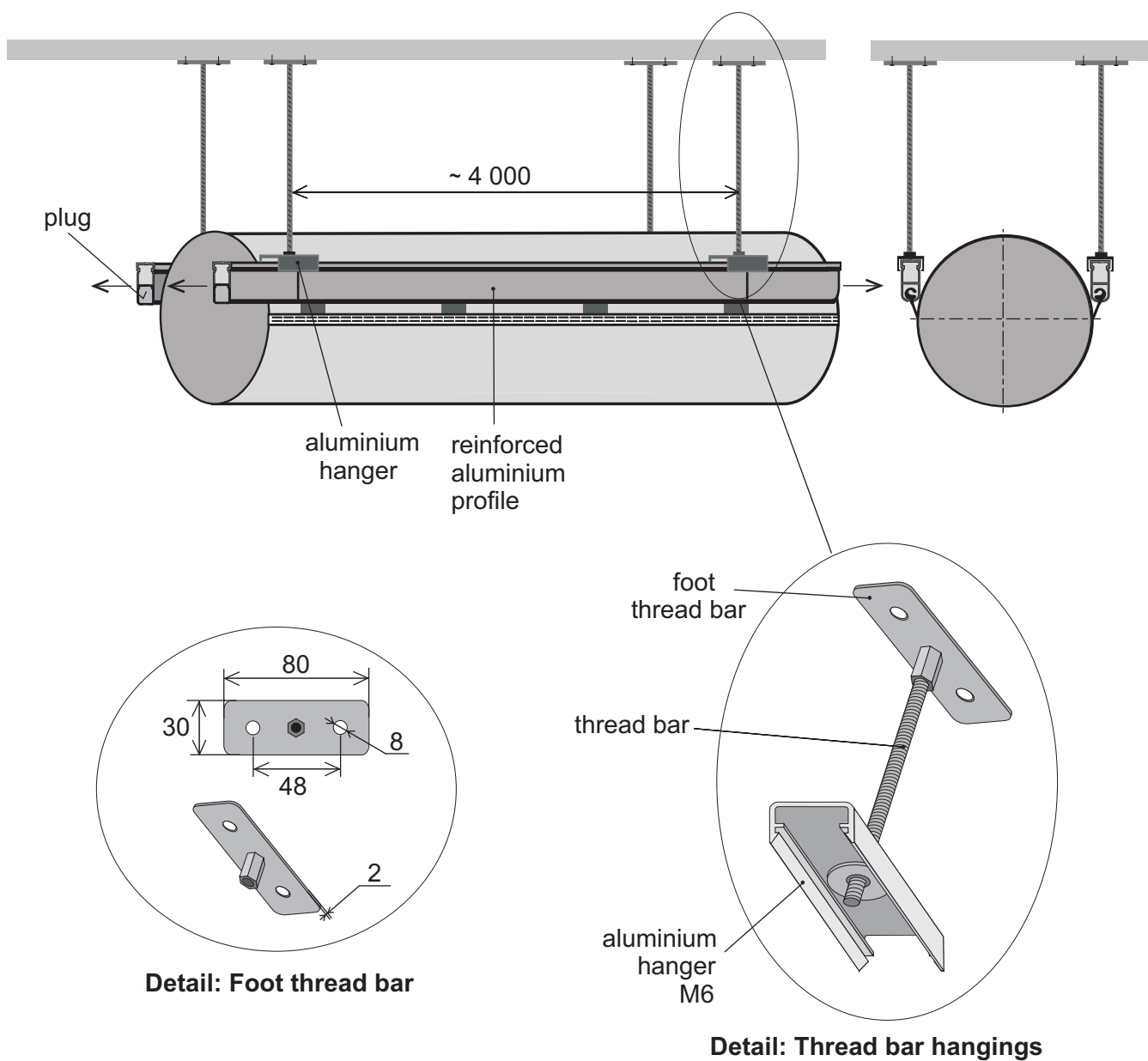
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6EIL

SECTION **C**

3. INSTALLATION



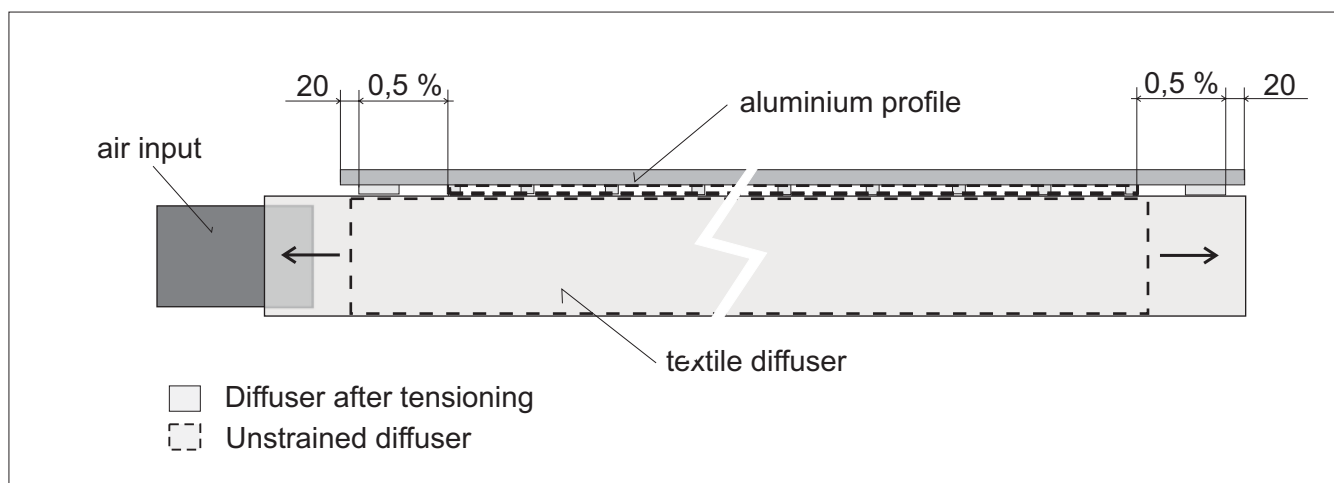
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

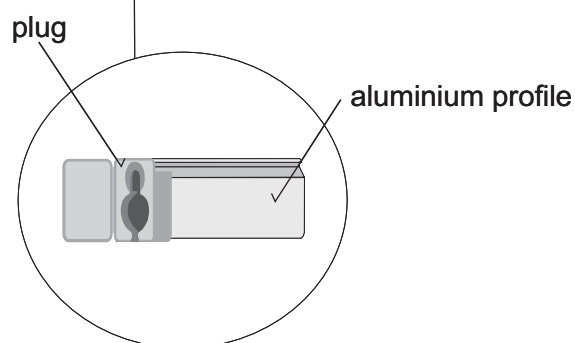
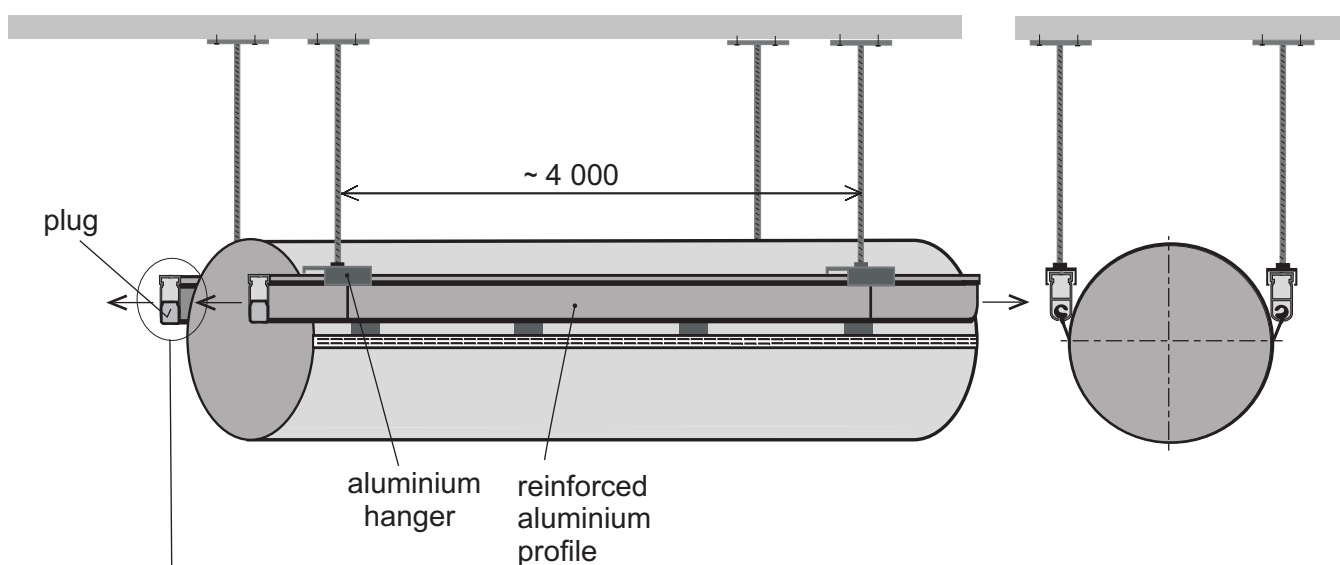
6EIL

SECTION C

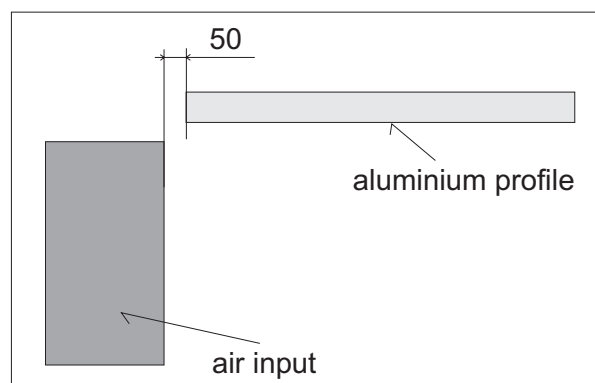
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

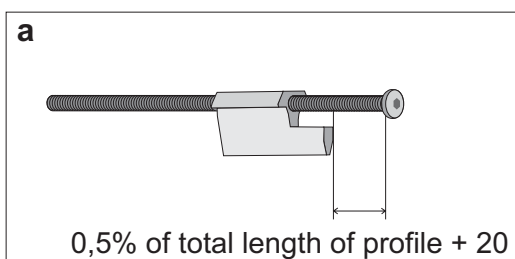
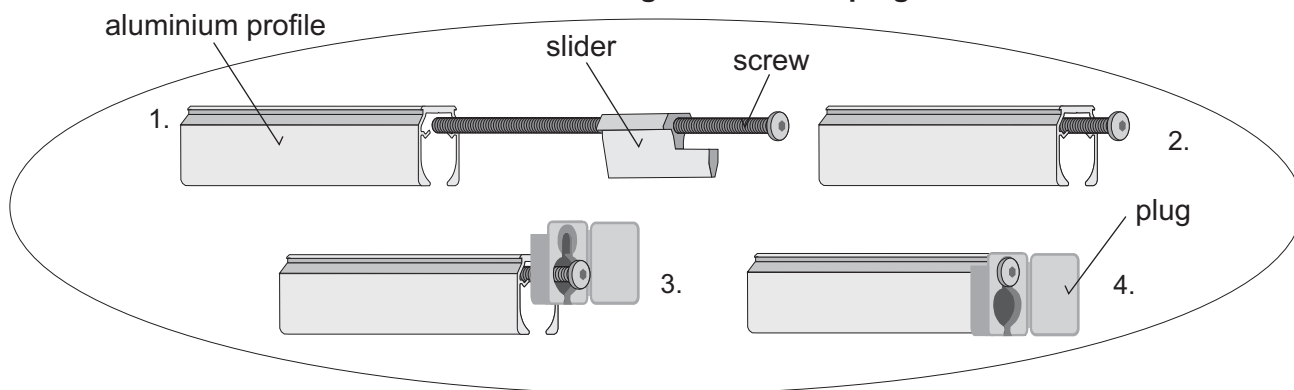
3. INSTALLATION

6EIL

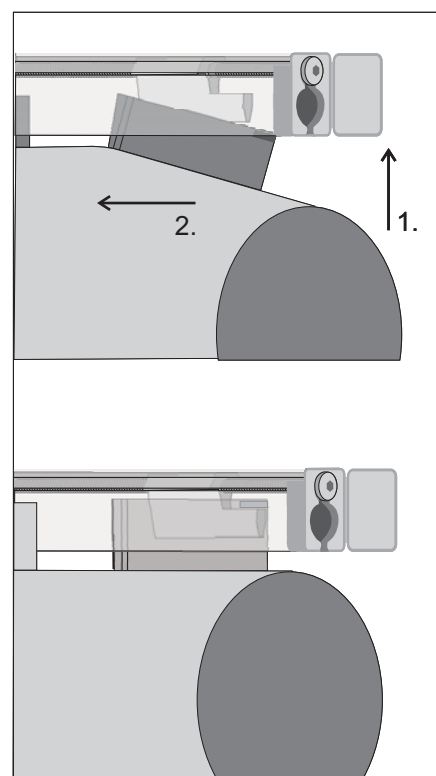
SECTION C

3. INSTALLATION

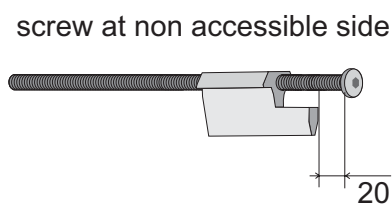
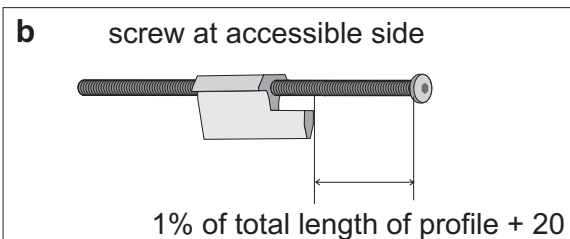
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6EIL

SECTION C

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**

Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").

Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**

Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

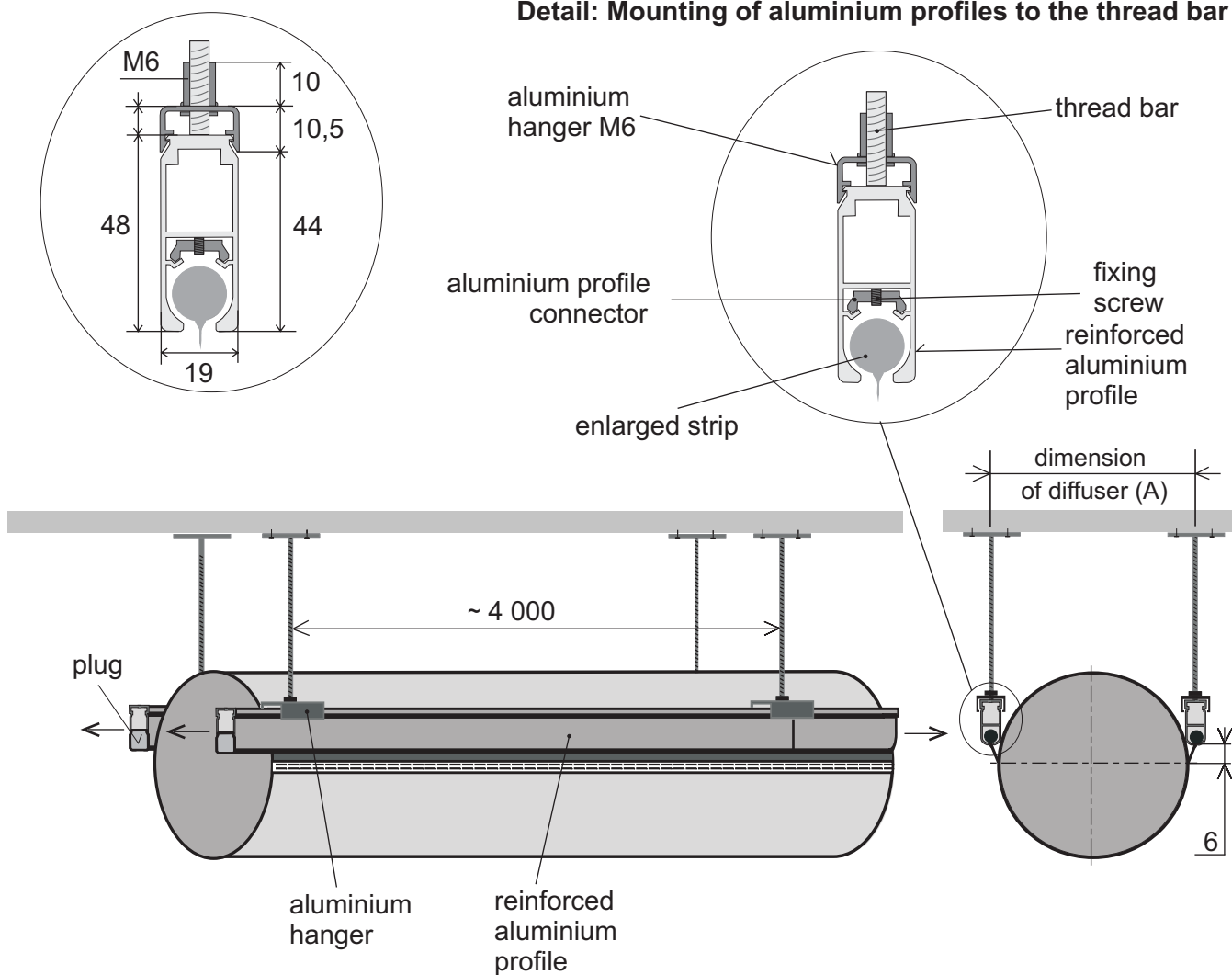
3. INSTALLATION

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SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

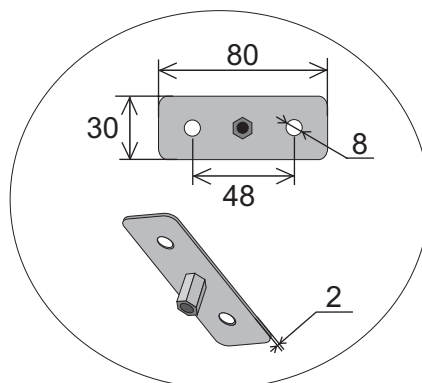
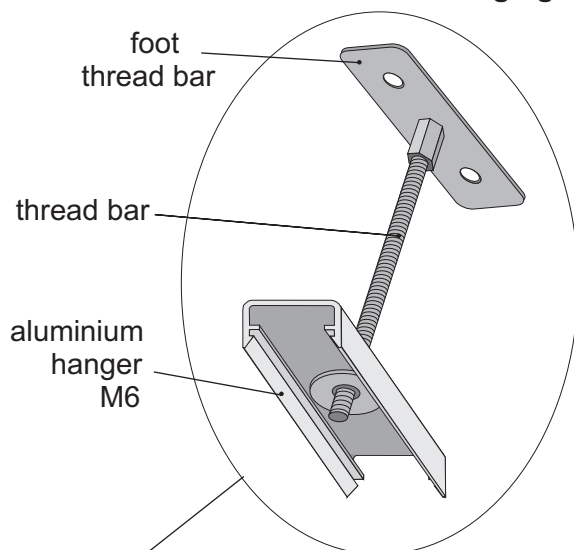
3. INSTALLATION

6AEI

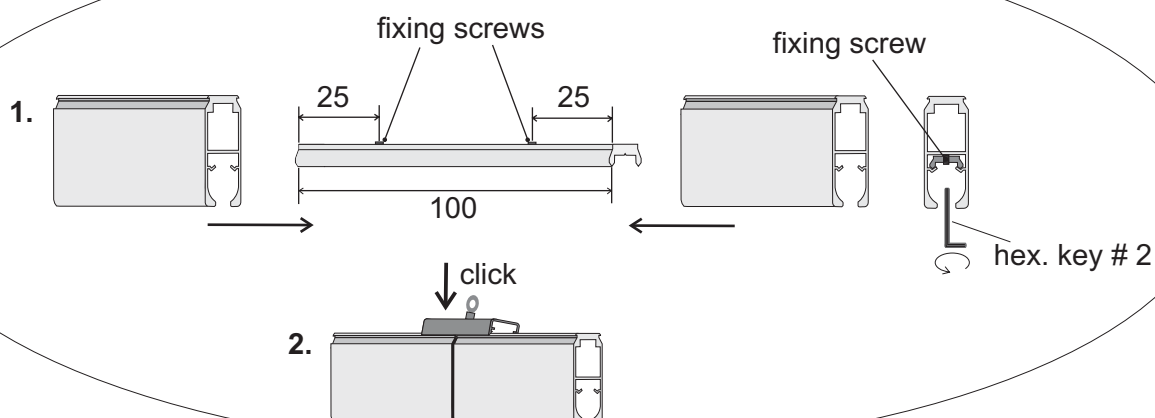
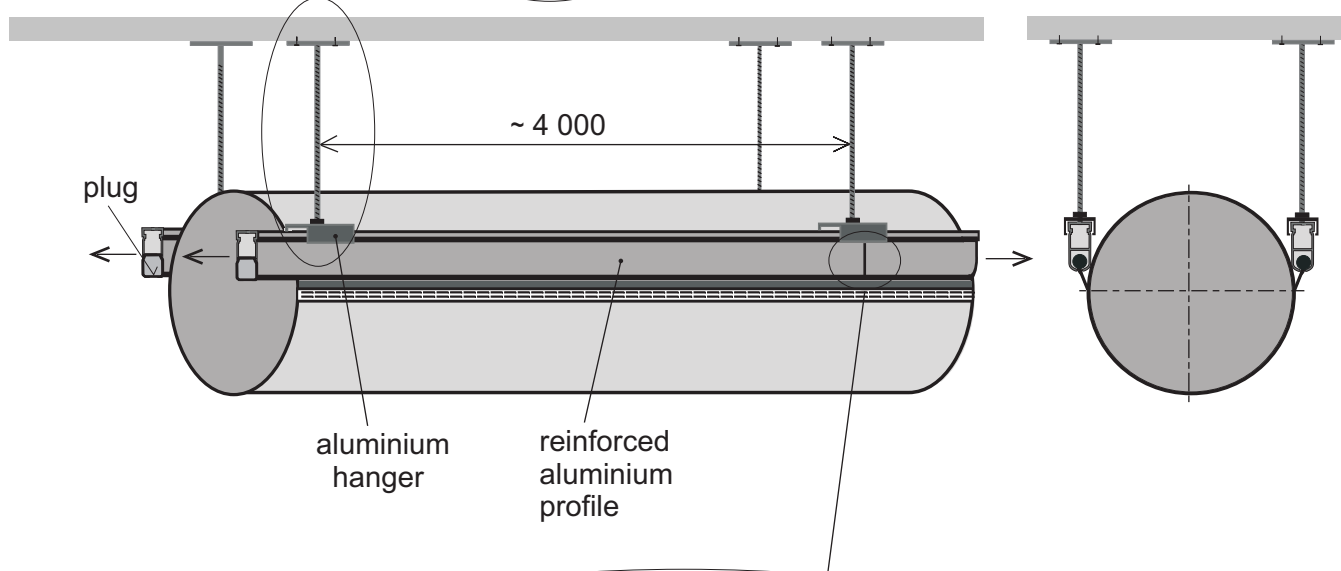
SECTION **C**

3. INSTALLATION

Detail: Thread bar hangings



Detail: Foot thread bar



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AEI

SECTION C

- 1. Lay-out of fastening points for foots of thread bars:** Mark the position for mounting two rows of foots of thread bars on ceiling or other structure above diffuser (see "Detail: Thread bar hangings"). The thread bars hold the profiles in-plane.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared holes in the foot of thread bar (8 mm hole diameter). The loading capacity of any hanger is at least 500 N.
- 3. Mounting of foots:** Mount the foots into prepared points on ceiling or other structure.
- 4. Preparation of thread bars:** Adjust the thread bars to the required length. (It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned). Screw the aluminium hanger on the end so that the thread bar overlaps about ca. 3.5 mm from aluminium hangers - see Detail: Aluminium profile on thread bar or Thread bar hangings (You will also reach the correct adjustment with snapping shut of aluminium hanger into profile and screwing on the thread bar to the position, where the profile can move in hanger). Screw the thread bar by second to the prepared foots fitted on the ceiling or other structure (as per Detail: Thread bar hangings").
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its other end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 6. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Installation of plugs:** Mount the plugs on both ends of profiles.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

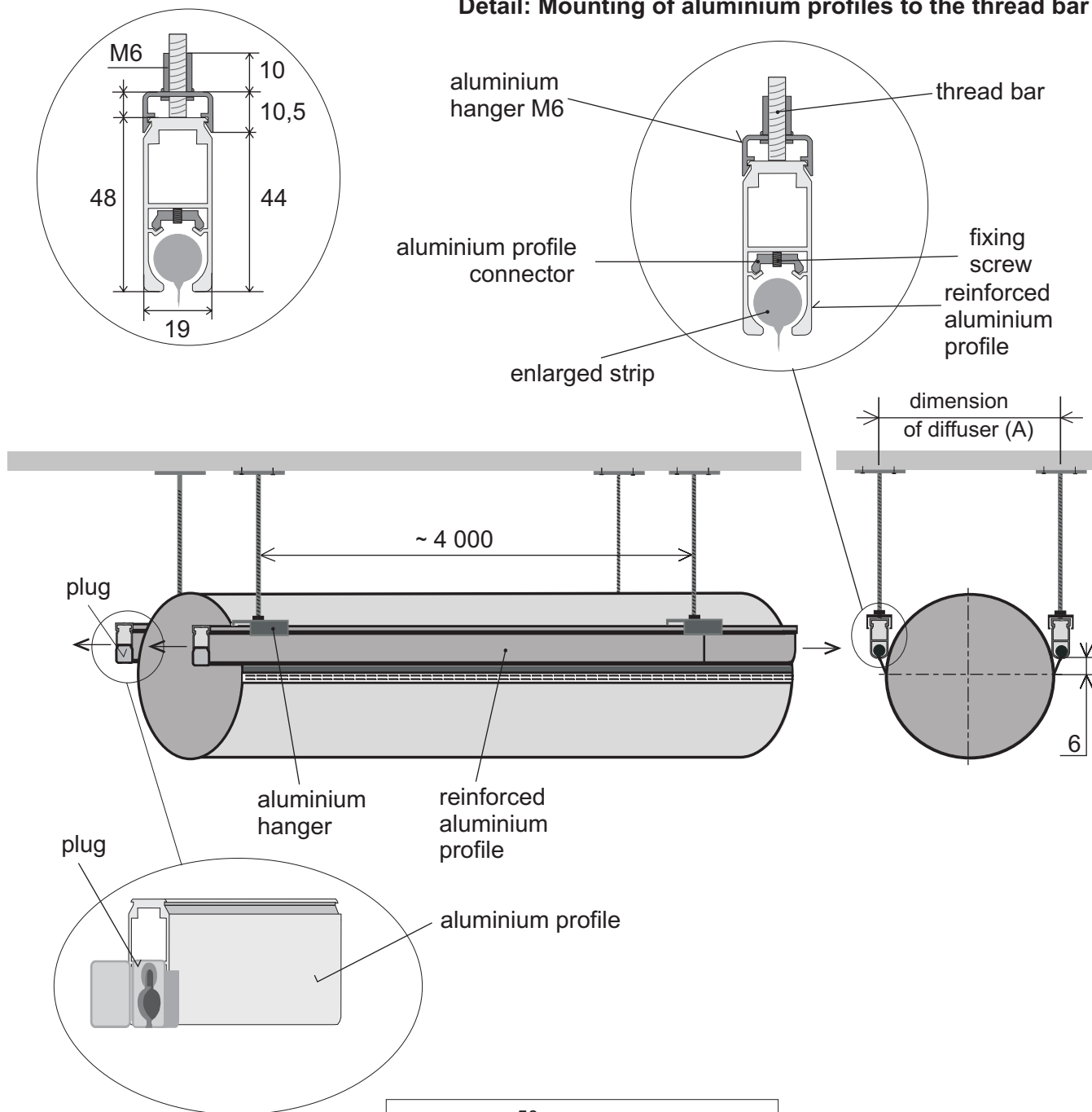
3. INSTALLATION

6AEIL

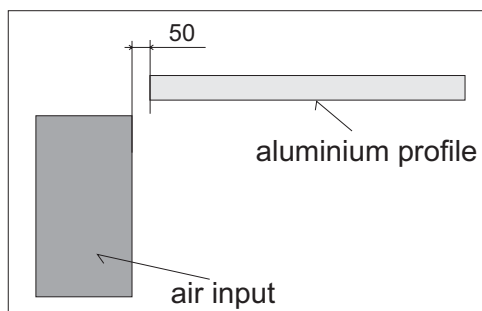
SECTION **C**

3. INSTALLATION

Detail: Mounting of aluminium profiles to the thread bar



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

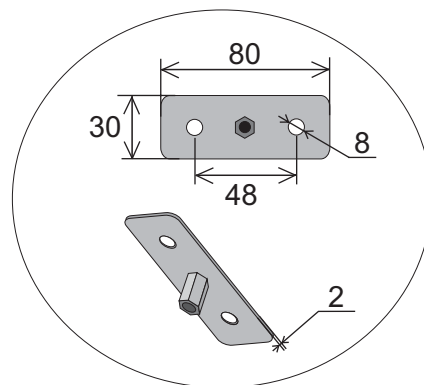
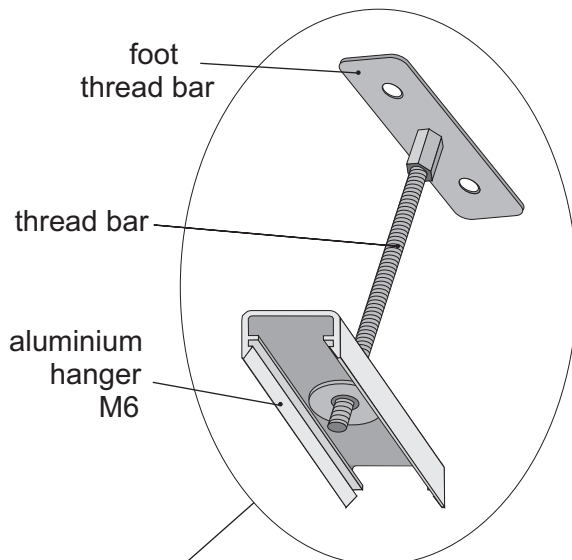
3. INSTALLATION

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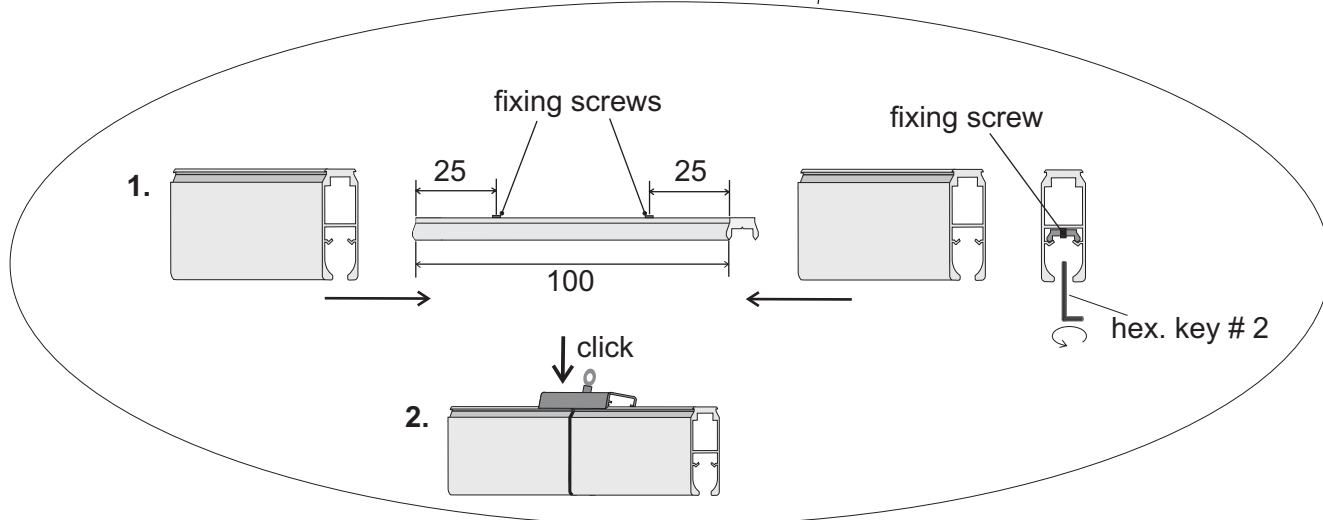
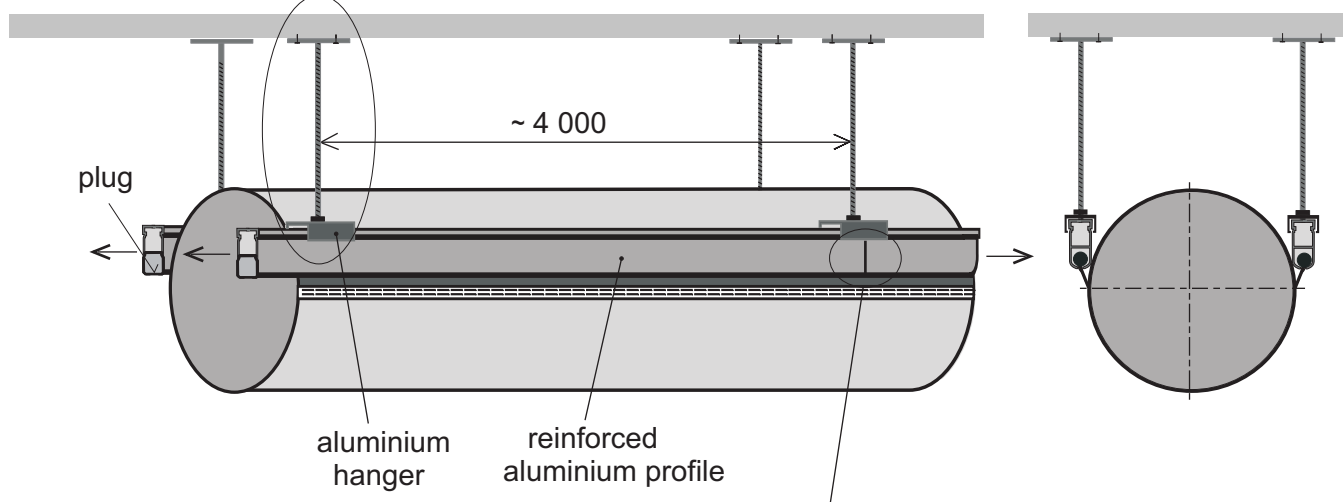
SECTION **C**

3. INSTALLATION

Detail: Thread bar hangings



Detail: Foot thread bar



Detail: Joining of profiles

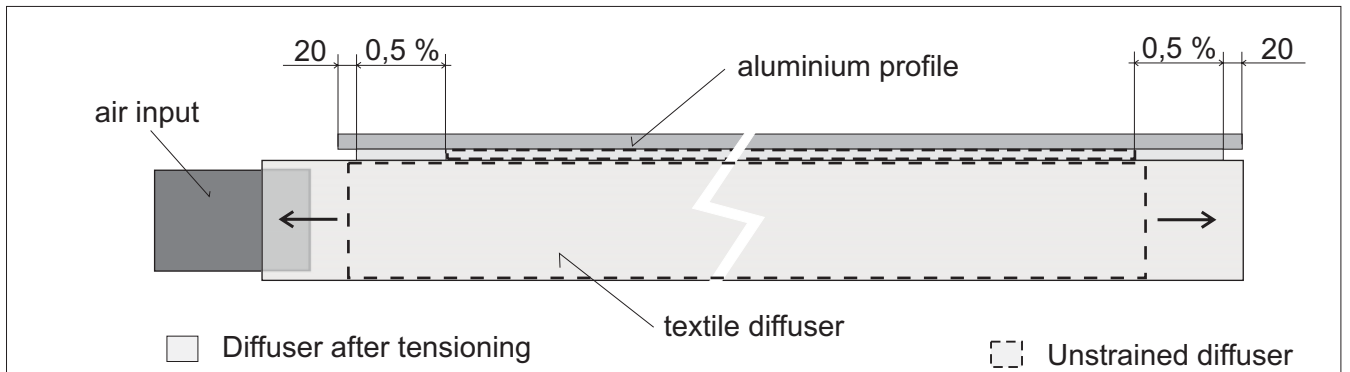
TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

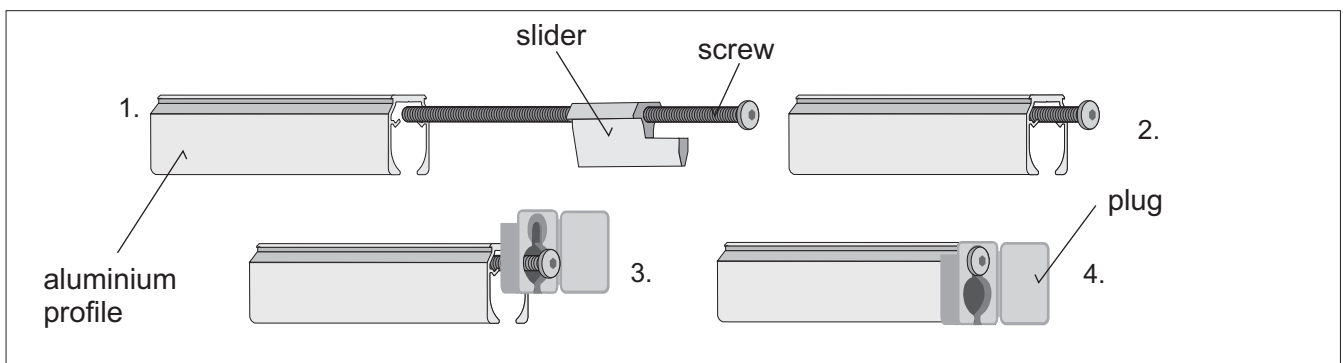
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SECTION **C**

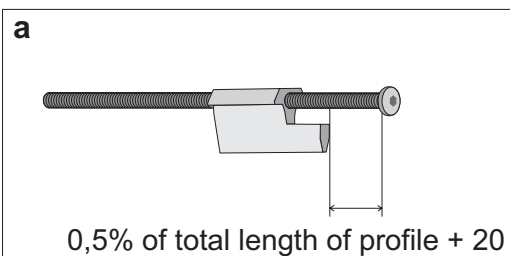
3. INSTALLATION



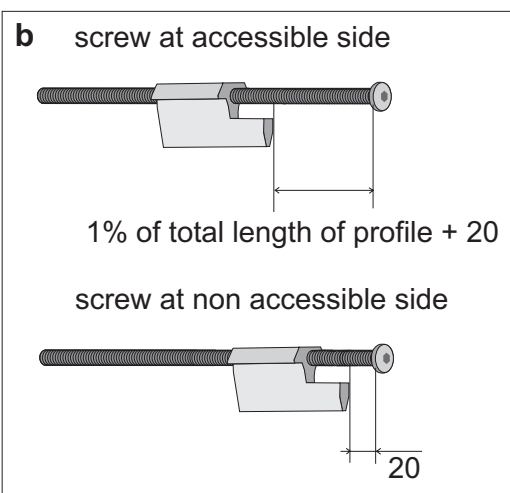
Concept of tensioning



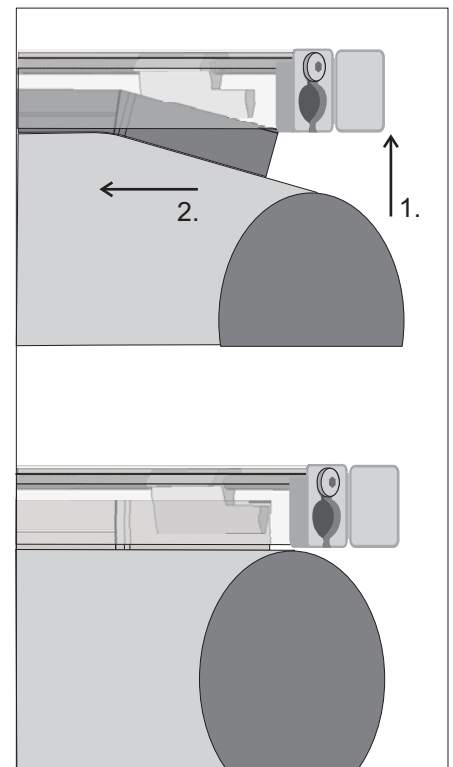
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Setting of slider - b



Details: Fitting pocket with slider

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

6AEIL

SECTION C

- 1. Lay-out of fastening points for wire hangings:** Mark the position of vertical (wire) hangings on ceiling or other structure above diffuser (see "Detail: Wire hangings"). They are to hold the profiles in-plane. Use the common hook with ca. 10 mm eyelet diameter for the anchoring of wire. The sufficient loading capacity of hanger makes 500 N. (It is not a part of delivery due to variety of used building materials).
- 2. Length of wire hangings:** Adjust the wire hangings exactly to the required length. It usually includes a distance between ceiling eventually other structure and the level of profiles so that the profiles would stay aligned.
- 3. Connection of wire and aluminium hanger:**
 - a) In case of stainless mounting material screw the eyelets to the aluminium hangers and put each eyelet on wire hanging (see "Detail: Wire hanging").
 - b) In case of galvanized mounting material an eyelet is already put on the wire hanging. Screw the aluminium hanger to this eyelet (see "Detail: Wire hanging").
- 4. Hanging of wire hangings:** Hang the complete wire hangings of correct length with aluminium hanger on prepared fastening points.
- 5. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 6. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 7. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 8. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**

Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**

Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 9. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 10. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

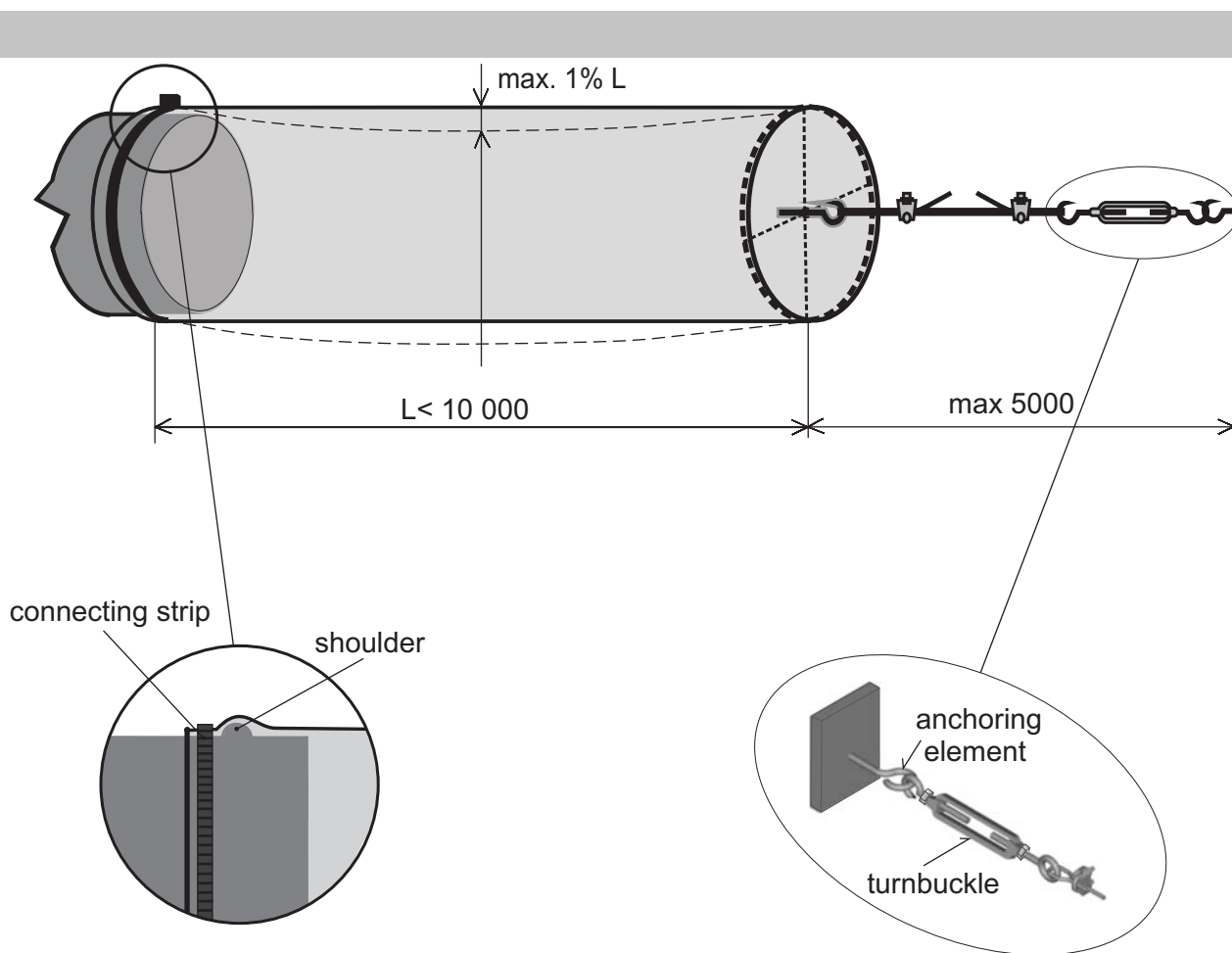
3. INSTALLATION

7 7D 7F

SECTION C

3. INSTALLATION

TENSIONING AT BLANKING - anchored into the wall in axis of diffuser.



Detail: Mounting of turnbuckle

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

7 7D 7F

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening point for mounting of wire:** Mark the position of wire mounting on ceiling or other structure intended for the diffuser tension. It must be placed in the axis of diffuser against its blanking.
- 2. Mounting of anchoring element:** Mount the anchoring element to the marked point (see "Detail: Mounting of Tensioner"). This element is not a part of delivery due to variety of used building materials. For anchoring of wire a common hook with ca. 10 mm eyelet dimension will be sufficient. Its loading capacity must be higher than 1000 N.
- 3. Installation of turnbuckle:** Hook up the turnbuckle unscrewed to maximum length on the anchoring element.
- 4. Wire length:** Adjust the wire to the required length as per distance between diffuser blanking and turnbuckle with ca. 50 cm extra. Make eyelets on the wire ends by means of wire locknuts.
- 5. Connection of textile diffuser:** Connect the textile diffuser to air inlet, see Chapter 2.
- 6. Tensioning of diffuser:** Hook up the adjusted wire from one side to eyelet of tension stretcher sewed into diffuser and into the turnbuckle from the other side. We will reach the correct tension by tightening of turnbuckle. Lock the turnbuckle in correct position with nut.
- 7. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

While tensioning, the elongation of diffuser by 1% can occur due to fabric elasticity. The maximum permissible length of diffuser is 10 m for this installation.

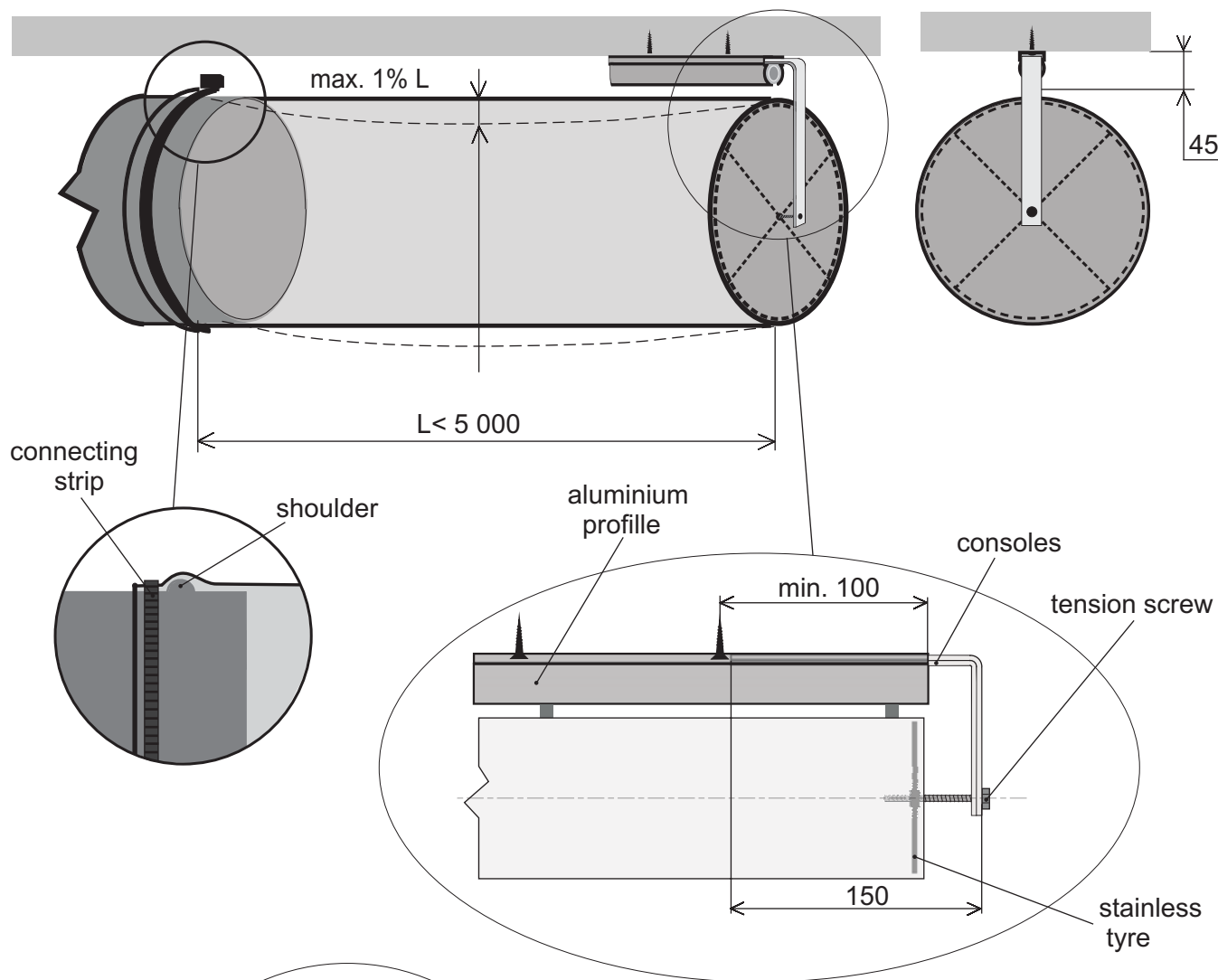
TEXTILE DIFFUSERS MOUNTING INSTRUCTIONNEK

3. INSTALLATION

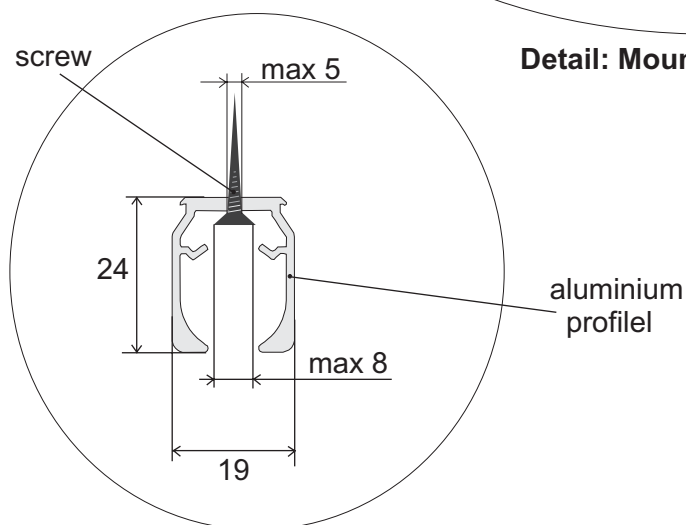
7H

SECTION C

CONSOLE TENSIONER - anchored into the profile on ceiling (wall)



Detail: Mounting of tensioner



Detail: Fastening of aluminium profile

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

7H

SECTION C

3. INSTALLATION

- 1. Lay-out of fastening points for mounting of profiles:** Mark the position of aluminium profile and 2 anchoring points on ceiling or other structure intended for installation of console. The first anchoring must be at least 100 mm from face side of profile - see "Detail: mounting of console tensioner".
- 2. Preparation of anchoring elements:** Prepare 2 suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of profile; see "Detail: Fastening of aluminium profile". The loading capacity of any hanger is at least 1.000 N.
- 3. Mounting of profiles to the structure:** Drill 2 holes placed exactly as per anchoring places and with diameter corresponding to screws or bolts. Screw the profile on.
- 4. Connection of textile diffuser:** Connect the textile diffuser to air inlet, see Chapter 2.
- 5. Installation of turnbuckle:** Slide the console to the mounted aluminium profile. Join this console with stainless tyre inserted in diffuser, by means of attached screw. Tighten the screw so that the diffuser is well tight.
- 6. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

While tensioning, the elongation of diffuser by 1% can occur due to fabric elasticity. The maximum permissible length of diffuser is 5 m for this installation.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8

SECTION

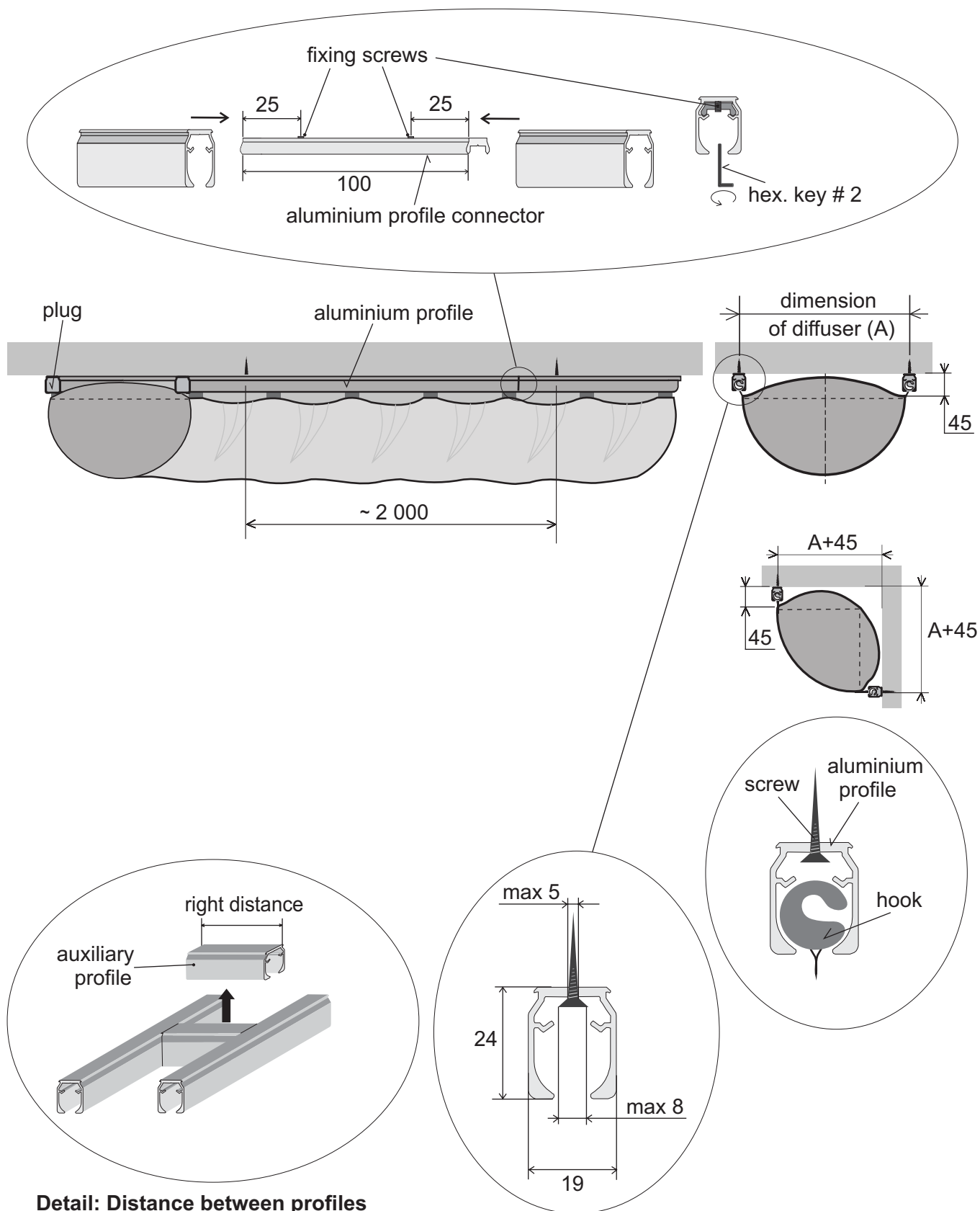
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Detail: Joining of profiles



Detail: Distance between profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8

SECTION



3. INSTALLATION

- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account. With normal 2 m length of one part of profile one hole will be sufficient for each part with two holes for the last part. Any of holes must not be closer to the profile end than 80 mm! Otherwise it would be possible to slide into the connector of parts.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of aluminium profile". The aluminium profiles require to be mounted every 2 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is 1.000 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of two rows of profiles exactly as per predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The rows of profiles must be quite parallel with distance correspondent with the length of auxiliary profile, which is attached - see "Detail: Distance between profiles".
- 4. Mounting of profiles into the structure and their joining:** Mount the first profile to the structure (ceiling). Slide then the connector into it as per "Detail: Joining of profiles" and tighten a fixing screw. Slide the second profile on connector and tighten the second fixing screw. Mount then the second profile to the structure and proceed with this procedure up to consuming of all parts.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8A

SECTION

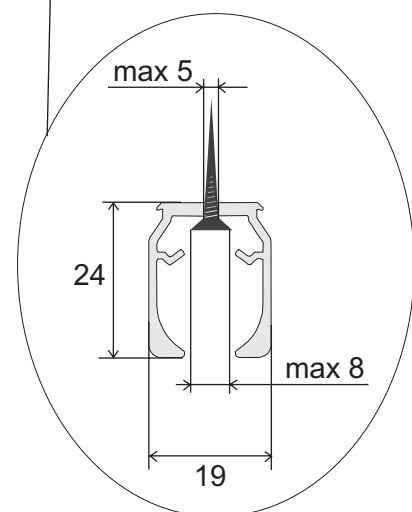
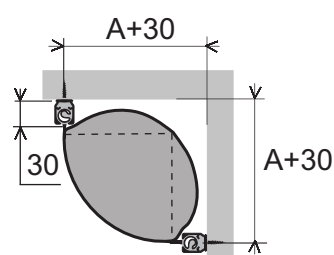
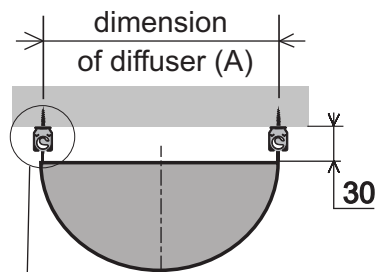
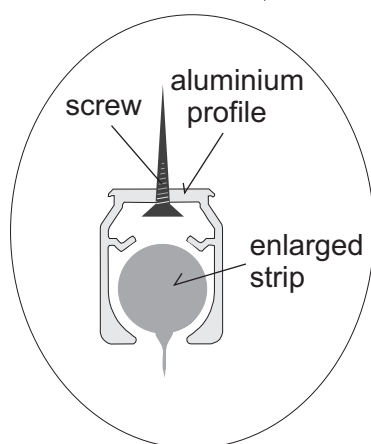
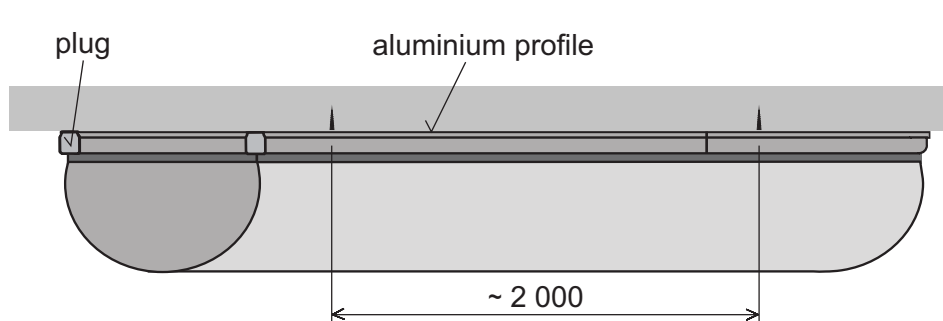
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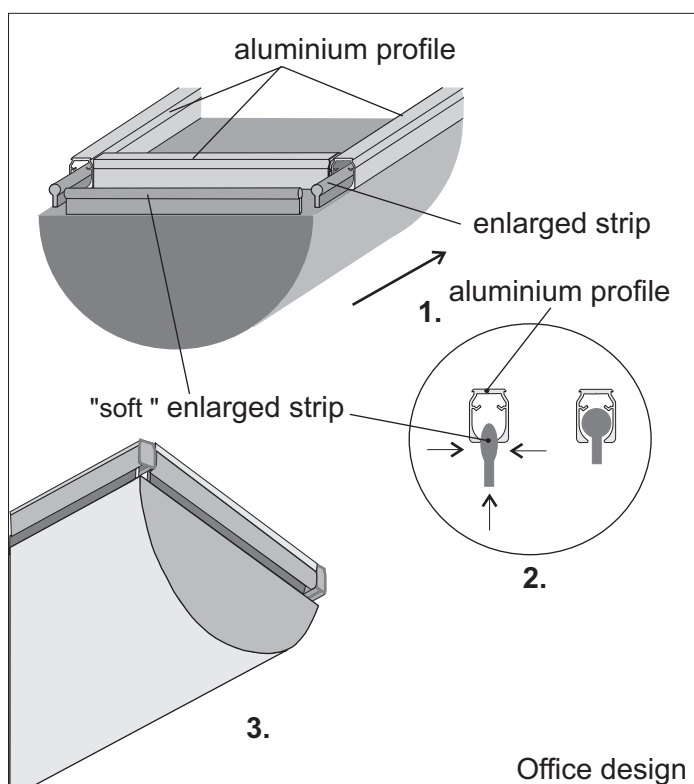
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3. INSTALLATION



Detail: Fastening of aluminium profile



Detail: Installation of the end parts of diffusers

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8A

SECTION

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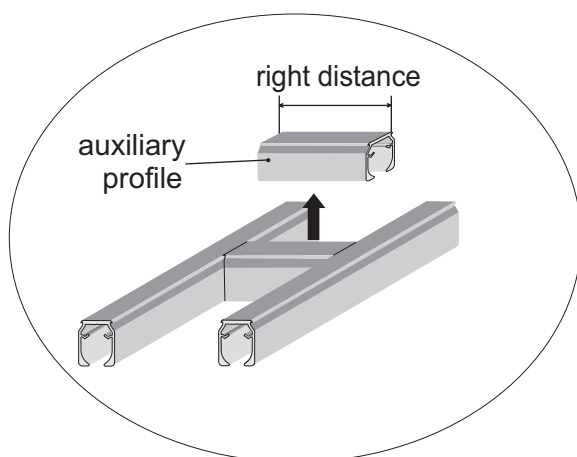
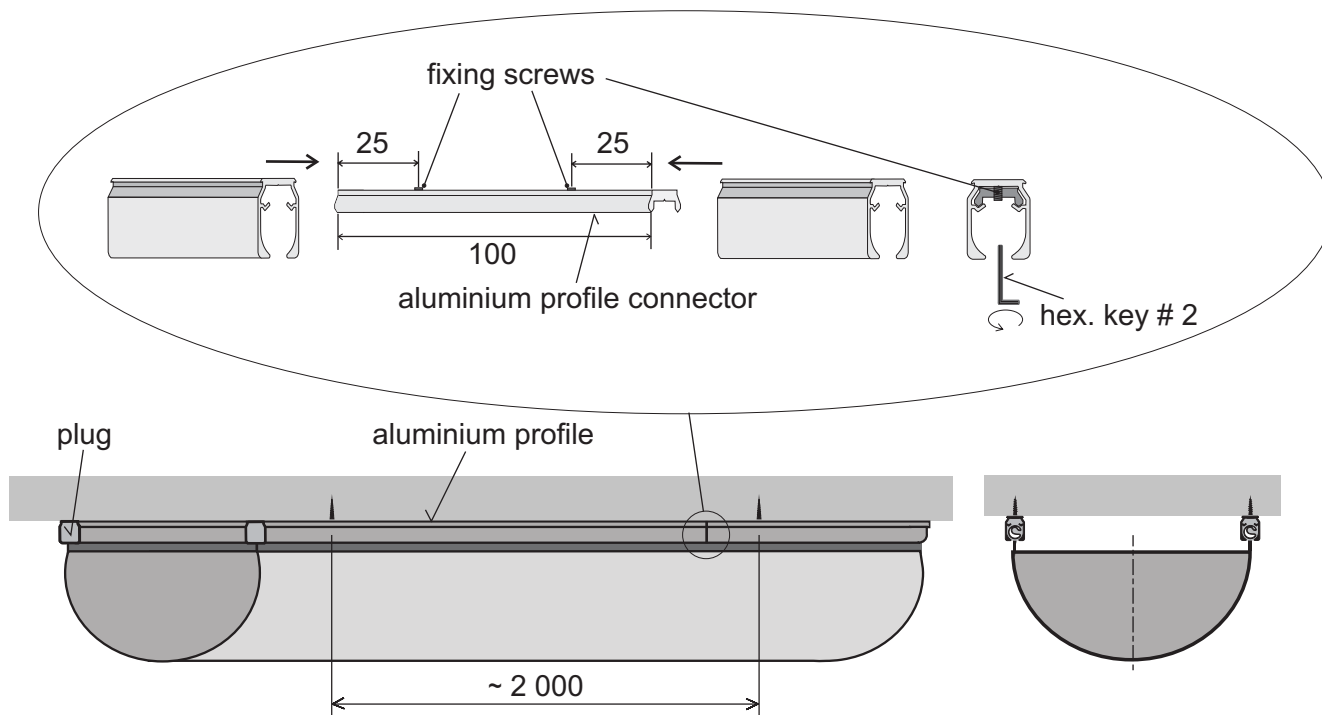
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3. INSTALLATION

Detail: Joining of profiles



Detail: Distance between profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8A

SECTION



3. INSTALLATION

- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account. With normal 2 m length of one part of profile one hole will be sufficient for each part with two holes for the last part. Any of holes must not be closer to the profile end than 80 mm! Otherwise it would be possible to slide into the connector of parts.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of aluminium profile". The aluminium profiles require to be mounted every 2 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is 1.000 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of two rows of profiles exactly as per predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The rows of profiles must be quite parallel with distance correspondent with the length of auxiliary profile, which is attached - see "Detail: Distance between profiles".
- 4. Mounting of profiles into the structure and their joining:** Mount the first profile to the structure (ceiling). Slide then the connector into it as per "Detail: Joining of profiles" and tighten a fixing screw. Slide the second profile on connector and tighten the second fixing screw. Mount then the second profile to the structure and proceed with this procedure up to consuming of all parts.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
Office design: After sliding in the whole diffuser in the aluminium profiles and tensioning it by the tensioners (if the tensioners integrated in profiles are included in the supply) put the soft enlarged strip sewed in the blanking into the cross profile according to the "Detail: Installation of the end parts of diffusers".
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AL

SECTION

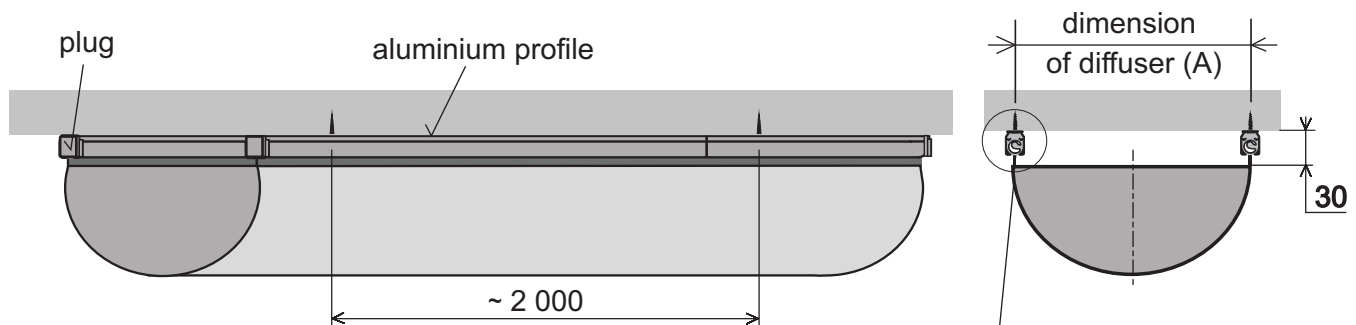
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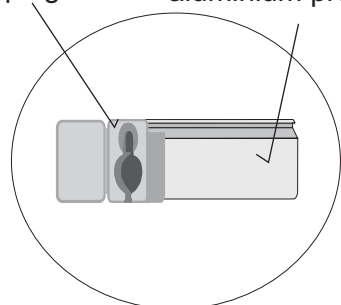
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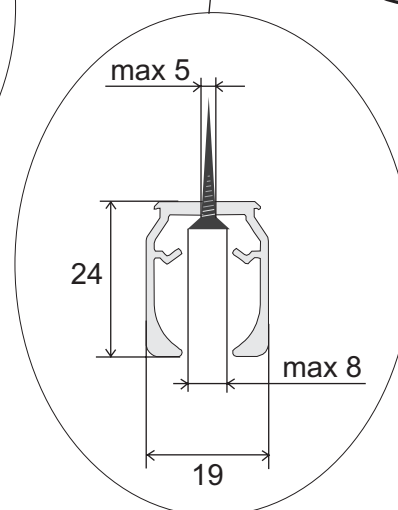
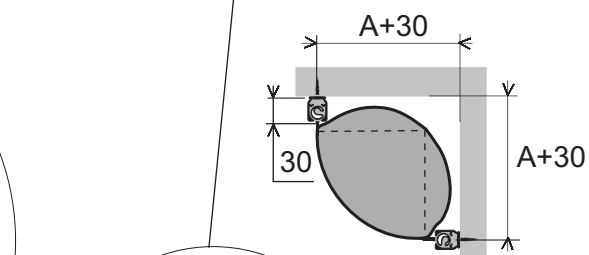
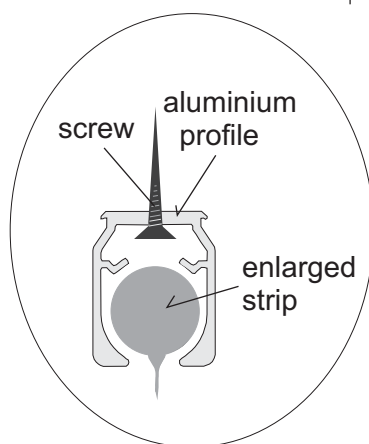
3. INSTALLATION



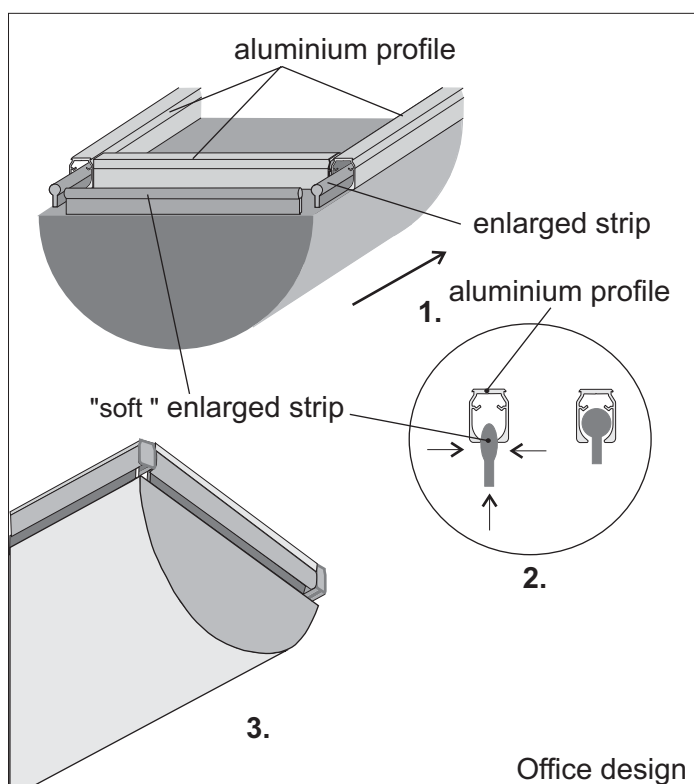
plug aluminium profile



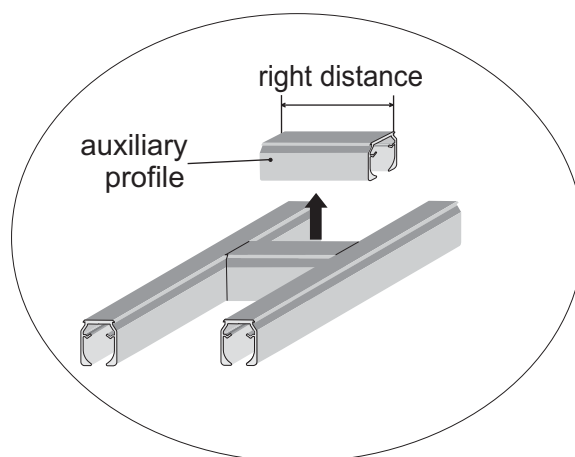
Detail: Plug mounting



Detail: Fastening of aluminium profile



Detail: Installation of the end parts of diffusers



Detail: Distance between profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AL

SECTION

H

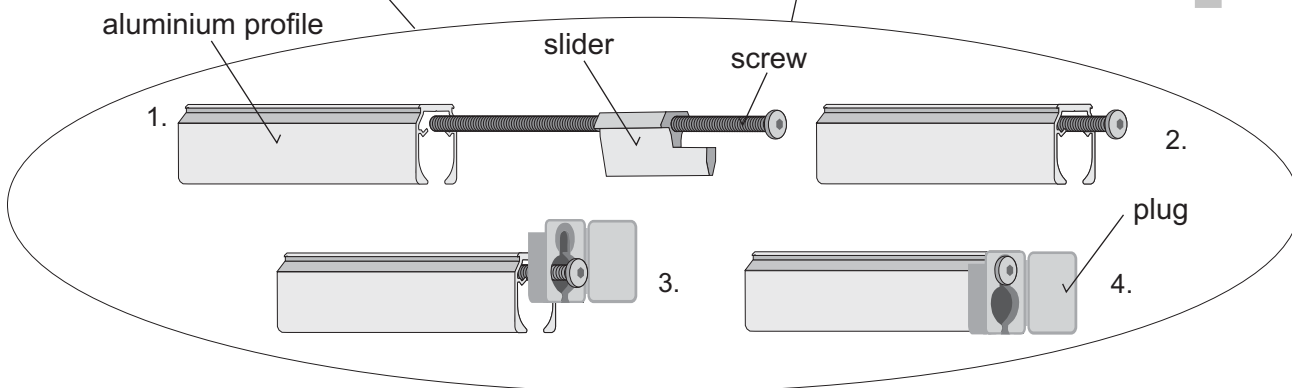
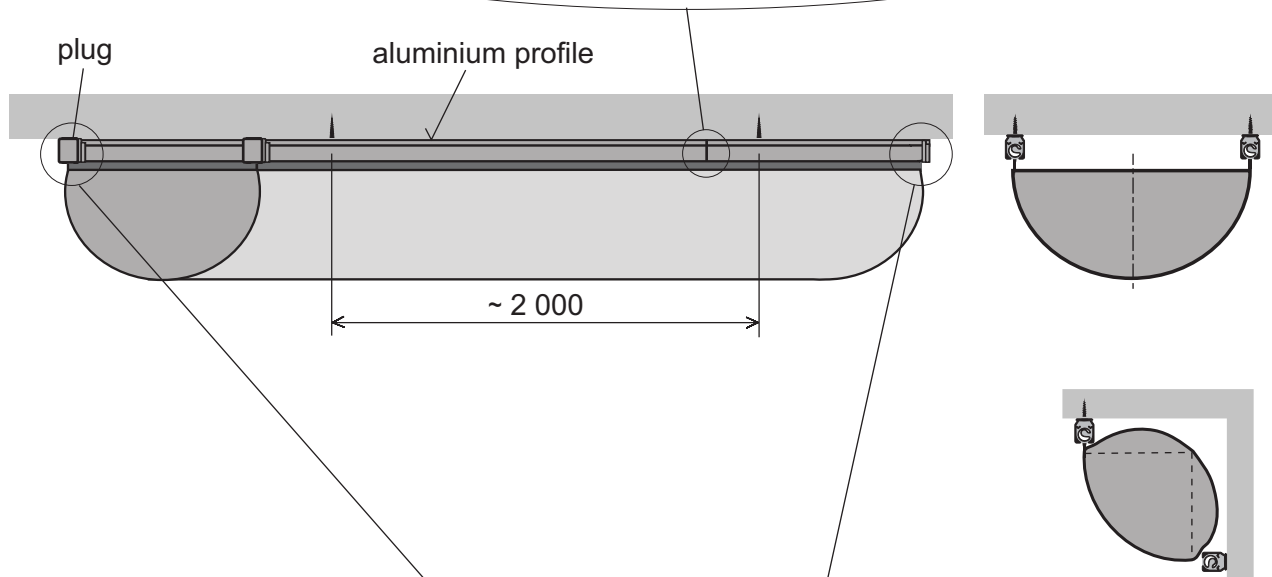
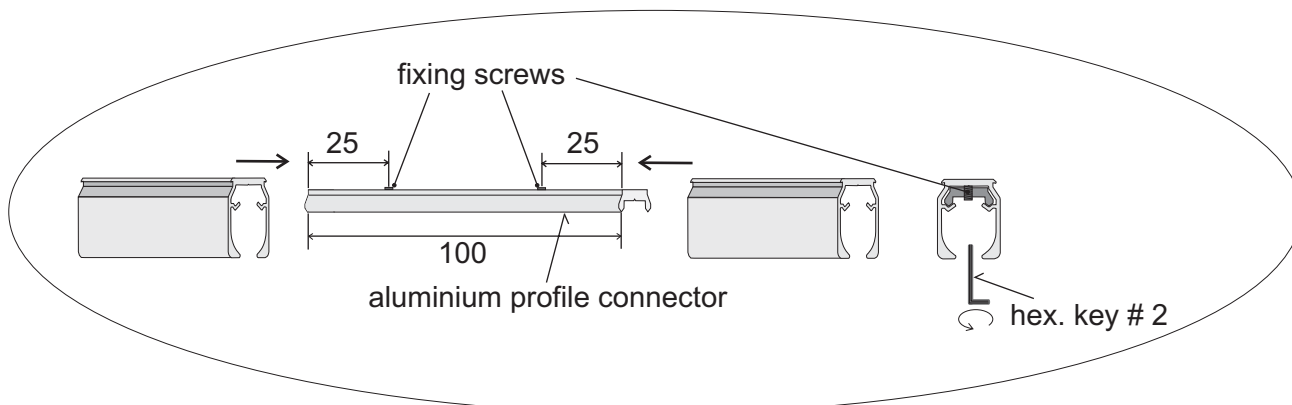
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SC

3. INSTALLATION

Detail: Joining of profiles



Details: Mounting of slider and plug

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AL

SECTION

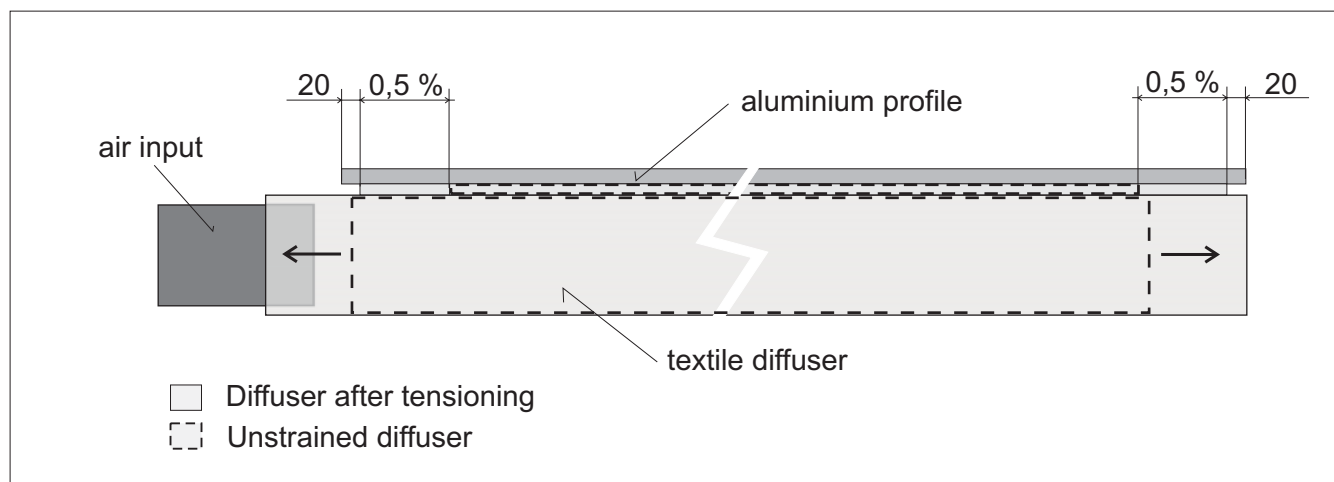
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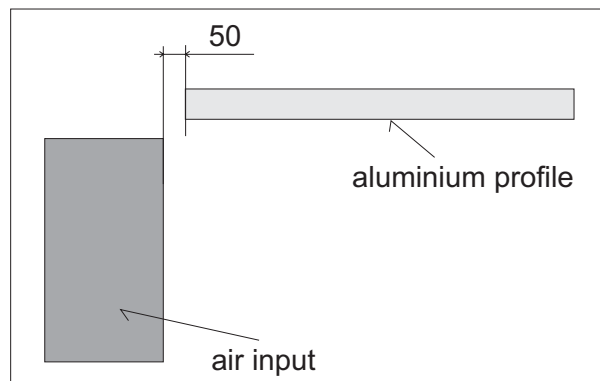
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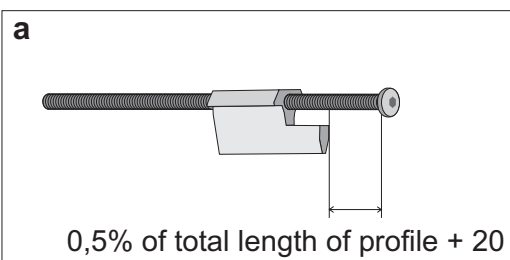
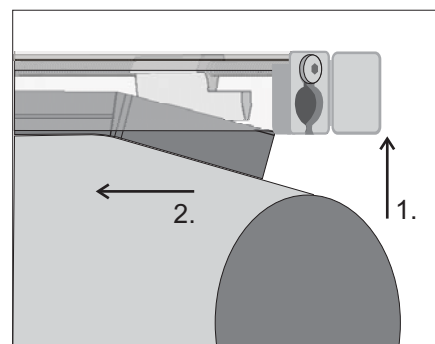
3. INSTALLATION



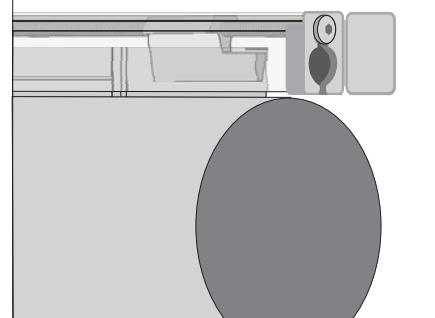
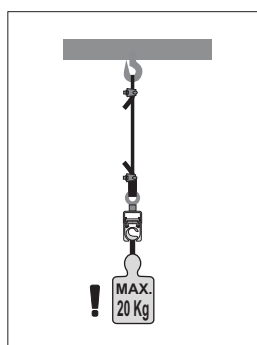
Concept of tensioning



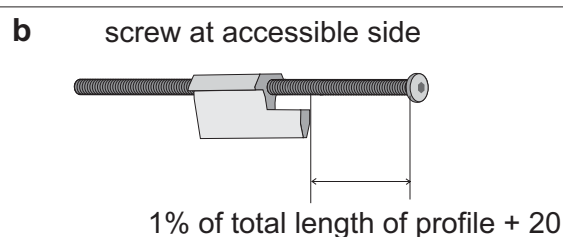
Detail: Position of profile's edge



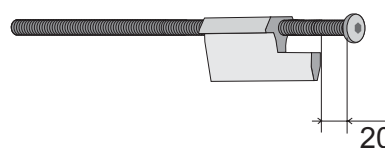
Details: Setting of slider - a



Details: Fitting pocket with slider



screw at non accessible side



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AL

SECTION



3. INSTALLATION

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
 - 2. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account. With normal 2 m length of one part of profile one hole will be sufficient for each part with two holes for the last part. Any of holes must not be closer to the profile end than 80 mm! Otherwise it would be possible to slide into the connector of parts.
 - 3. Lay-out of fastening points for mounting of profiles:** Mark the position of profiles exactly in line with predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
 - 4. Mounting of profiles into the structure and their joining:** Mount the first profile to the structure (ceiling). Slide then the connector into it as per "Detail: Joining of profiles" and tighten a fixing screw. Slide the second profile on connector and tighten the second fixing screw. Mount then the second profile to the structure and proceed with this procedure up to consuming of all parts.
 - 5. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
 - 6. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
 - 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- Office design:** After sliding in the whole diffuser in the aluminium profiles and tensioning it by the tensioners (if the tensioners integrated in profiles are included in the supply) put the soft enlarged strip sewed in the blanking into the cross profile according to the "Detail: Installation of the end parts of diffusers".
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8B

SECTION

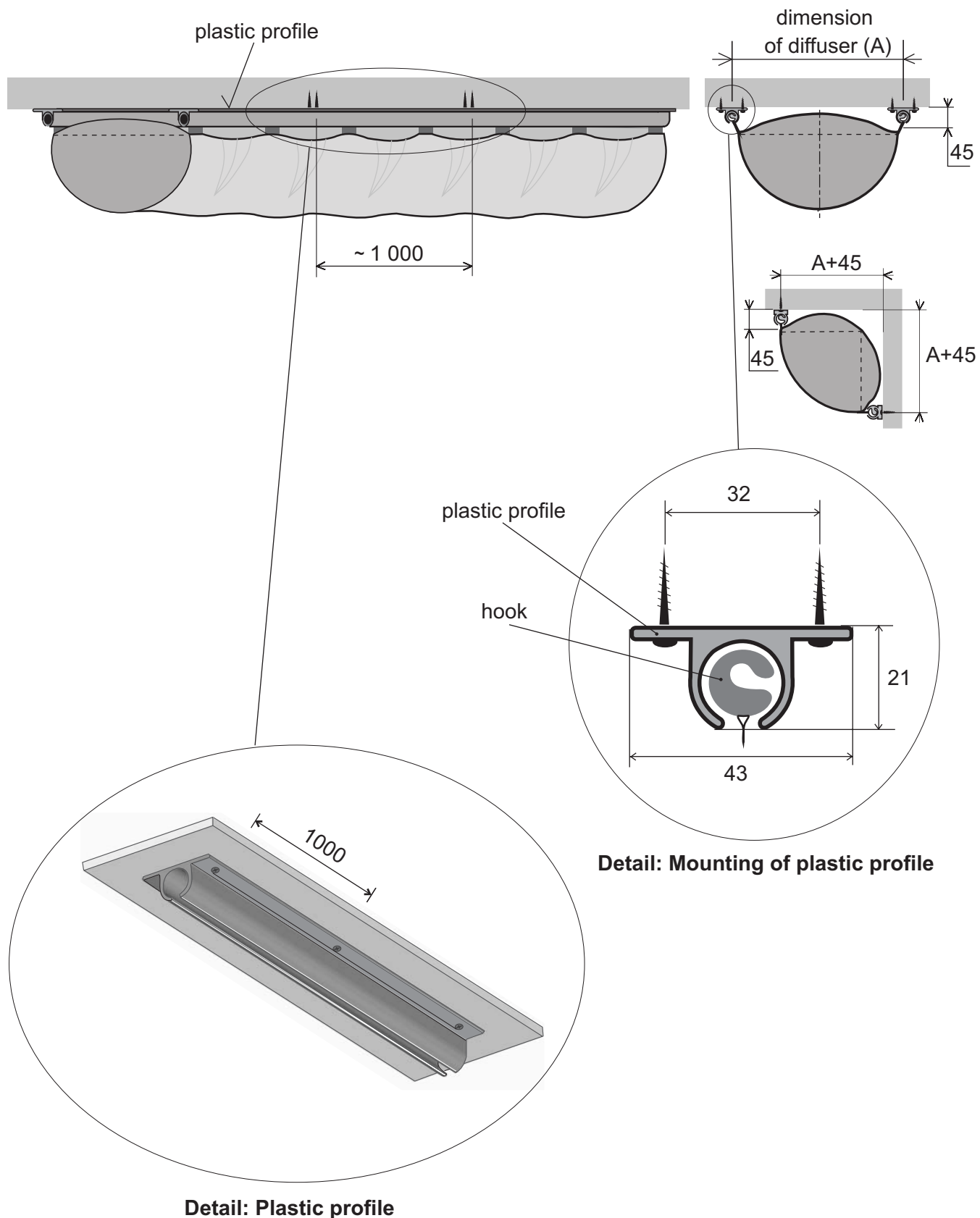
H

Q

SG

SC

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8B

SECTION

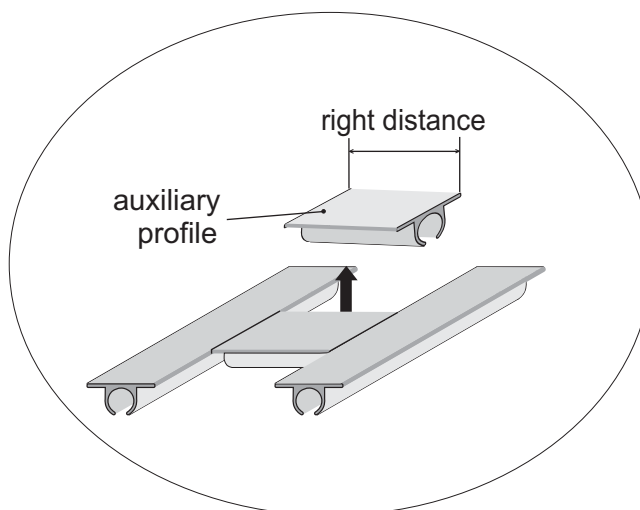
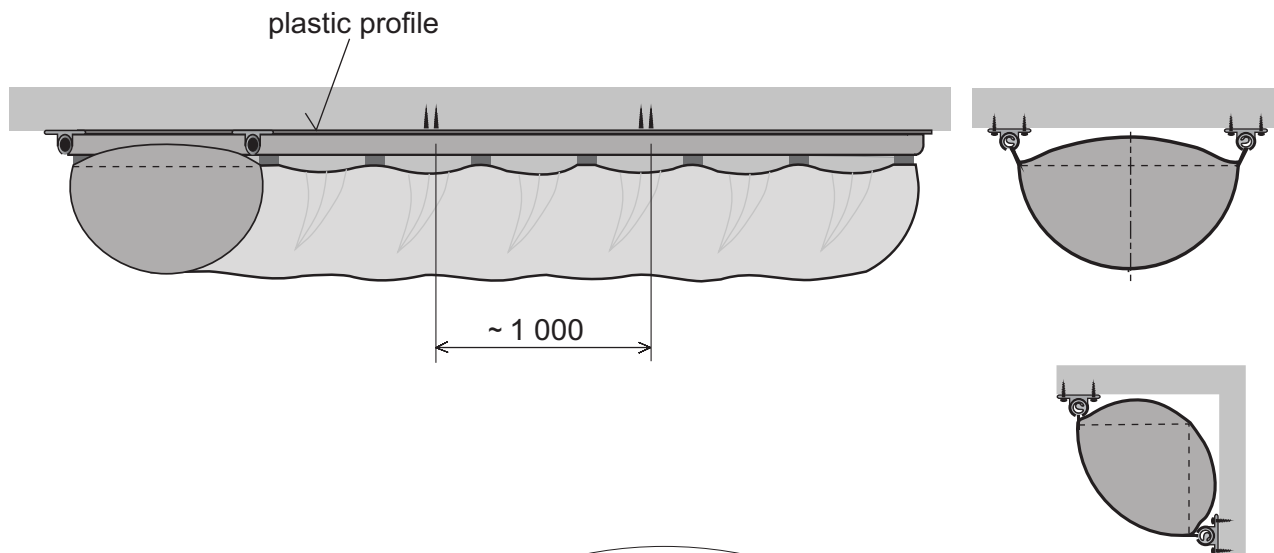
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Q

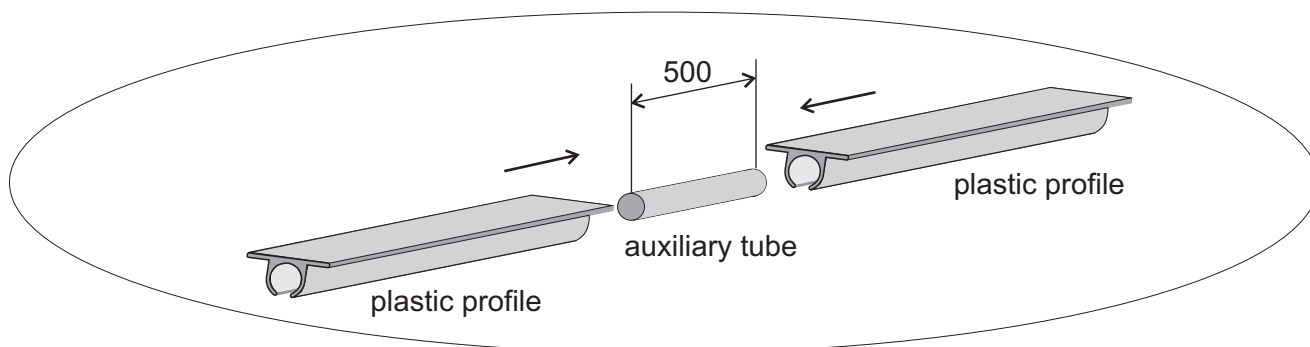
SG

SC

3. INSTALLATION



Detail: Distance between profiles



Detail: Connection of plastic profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8B

SECTION



3. INSTALLATION

1. **Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account.
2. **Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of plastic profile". The plastic profiles require to be mounted every 1 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is at least 500 N.
3. **Lay-out of fastening points for mounting of profiles:** Mark the position of two rows of profiles exactly as per predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The rows of profiles must be quite parallel with distance correspondent with the length of auxiliary profile, which is attached - see "Detail: Distance between profiles".
4. **Mounting of profiles into the structure:** Mount the separate parts of plastic profiles in tandem into the structure (ceiling). When connecting the profiles use an auxiliary tube, which is attached, see "Detail: Connection of plastic profiles". Mount the first profile to the structure and fit on the auxiliary tube halfway of its length. Fit the second profile on tube and screw to the structure. Move the auxiliary tube to profile end, fit on the next profile and screw it to the structure. Proceed on to the moment since all profiles are mounted. Before mounting of last profile check out, if there is enough space for the removal of auxiliary tube. If not mount the last profile without it.
5. **Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
6. **Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
7. **Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AB

SECTION

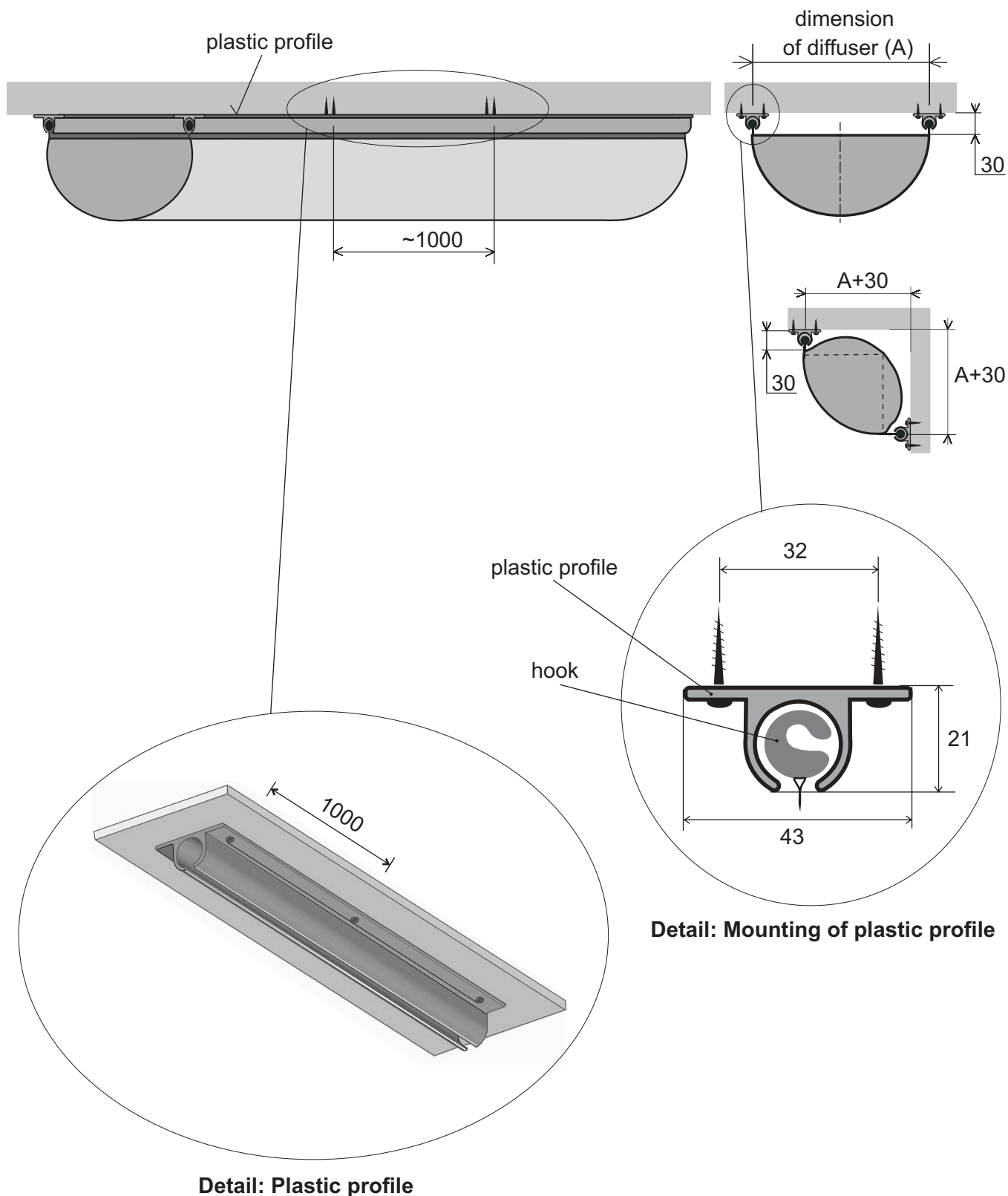
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SG

SC

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AB

SECTION

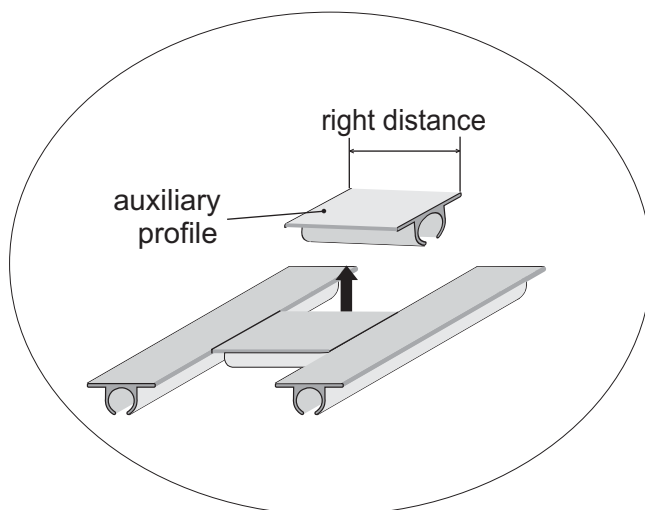
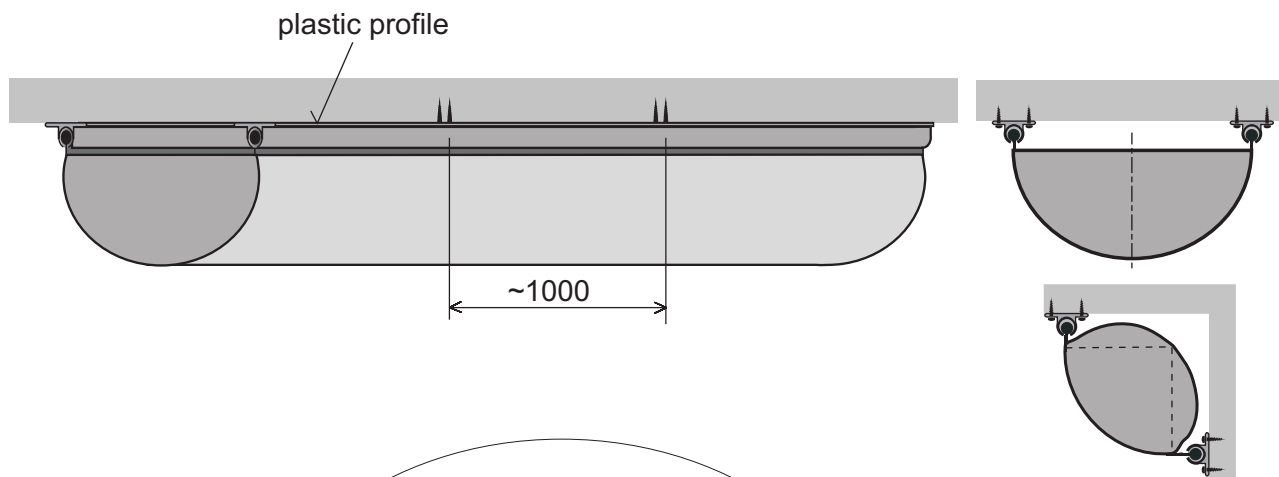
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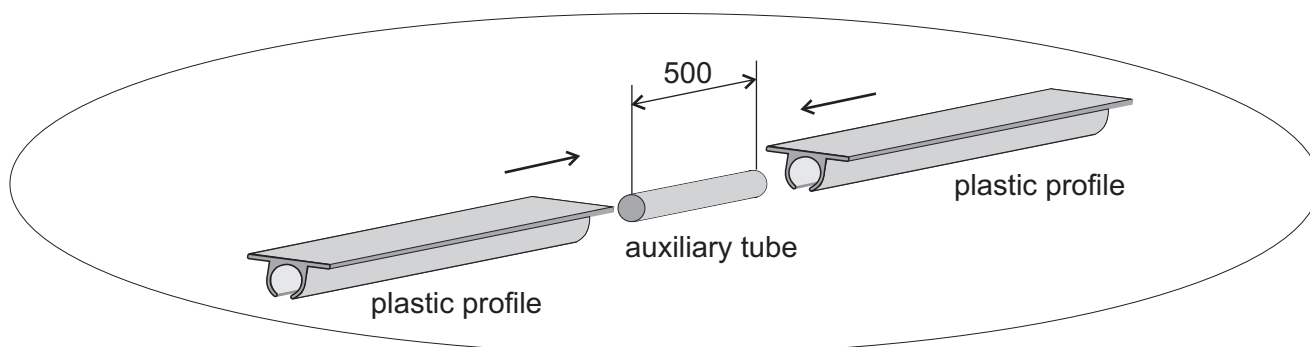
SG

SC

3. INSTALLATION



Detail: Distance between profiles



Detail: Connection of plastic profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AB

SECTION



3. INSTALLATION

- 1. Drilling of holes into the profiles:** Drill into profiles the necessary number of holes with diameter corresponding to screws or bolts. The profile will be mounted through these holes and therefore when boring them take the possibilities of anchoring on ceiling (wall, structure) into account.
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with profile dimensions, see "Detail: Mounting of plastic profile". The plastic profiles require to be mounted every 1 m and prepare accordingly dowels and other anchoring systems into structure. The loading capacity of any hanger is at least 500 N.
- 3. Lay-out of fastening points for mounting of profiles:** Mark the position of two rows of profiles exactly as per predrilled holes on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The rows of profiles must be quite parallel with distance correspondent with the length of auxiliary profile, which is attached - see "Detail: Distance between profiles".
- 4. Mounting of profiles into the structure:** Mount the separate parts of plastic profiles in tandem into the structure (ceiling). When connecting the profiles use an auxiliary tube, which is attached, see "Detail: Connection of plastic profiles". Mount the first profile to the structure and fit on the auxiliary tube halfway of its length. Fit the second profile on tube and screw to the structure. Move the auxiliary tube to profile end, fit on the next profile and screw it to the structure. Proceed on to the moment since all profiles are mounted. Before mounting of last profile check out, if there is enough space for the removal of auxiliary tube. If not mount the last profile without it.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 7. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AC

SECTION

H

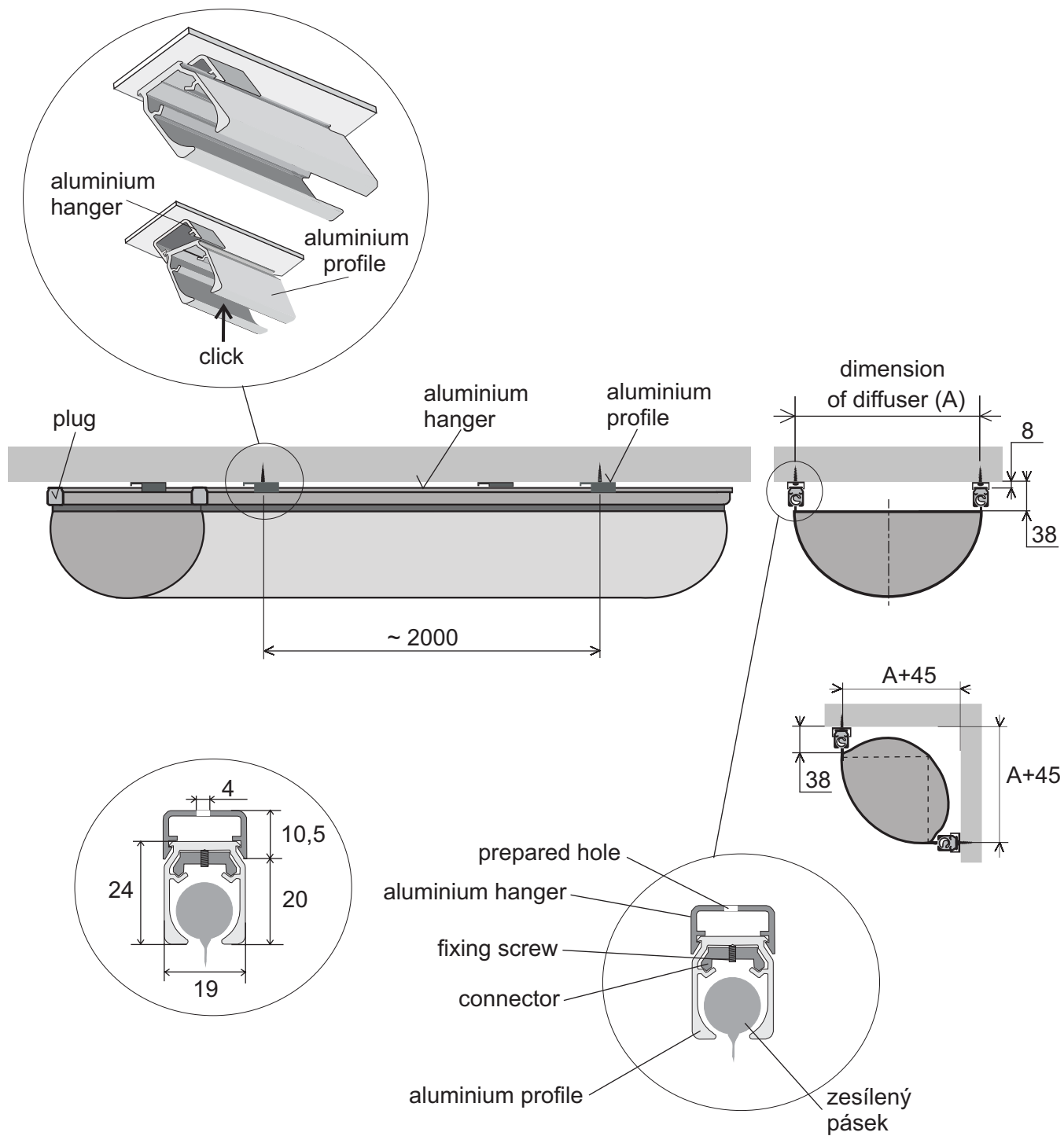
Q

SG

SC

3. INSTALLATION

Detail: Mounting of aluminium profile into hangers



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AC

SECTION

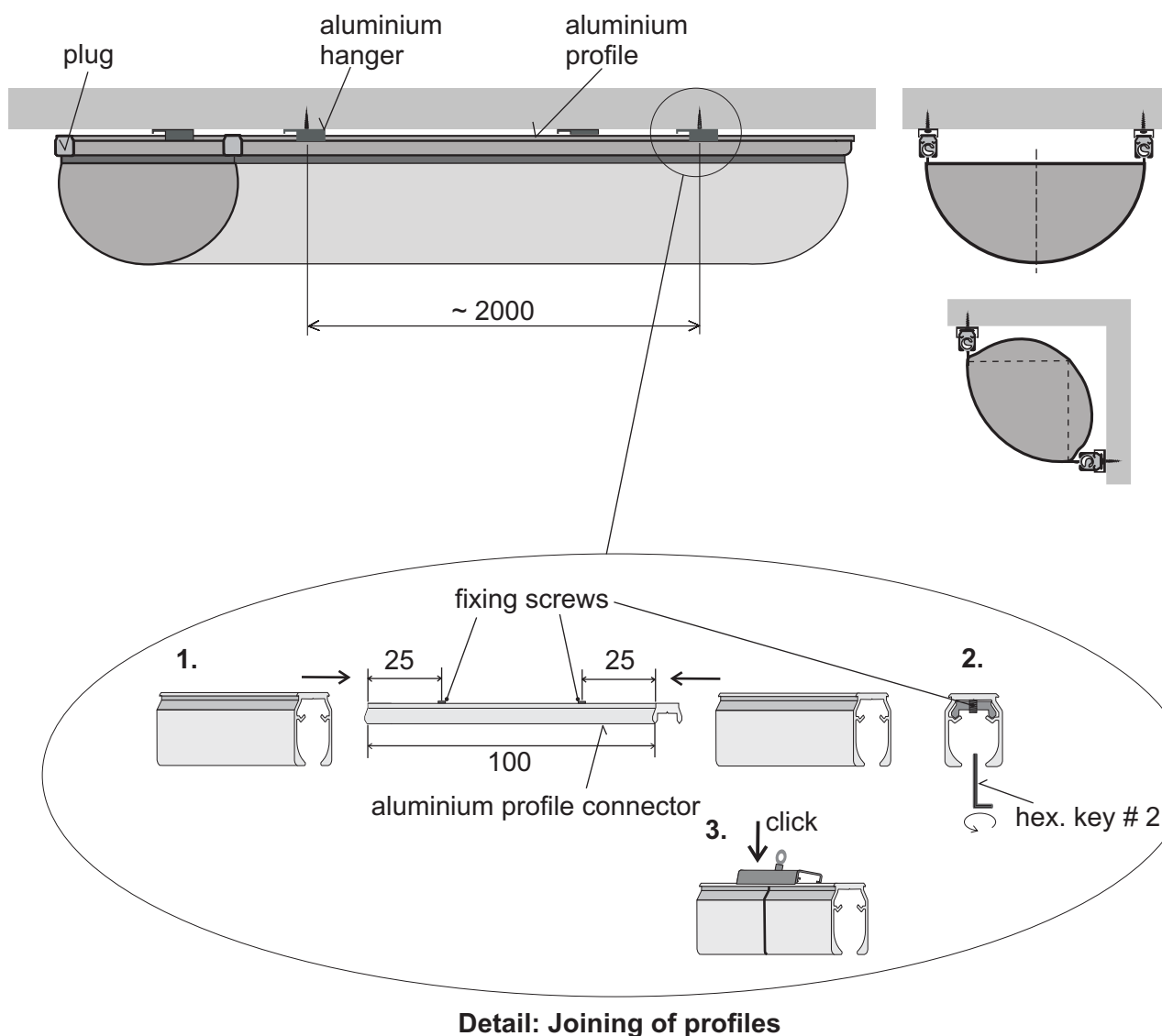
H

Q

SG

SC

3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8AC

SECTION



3. INSTALLATION

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The aluminium profiles require to be mounted every 2 m. There must be always the hanger at the both edges of whole profile.
- 3. Mounting of aluminium hangers to the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its second end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8ACL

SECTION

H

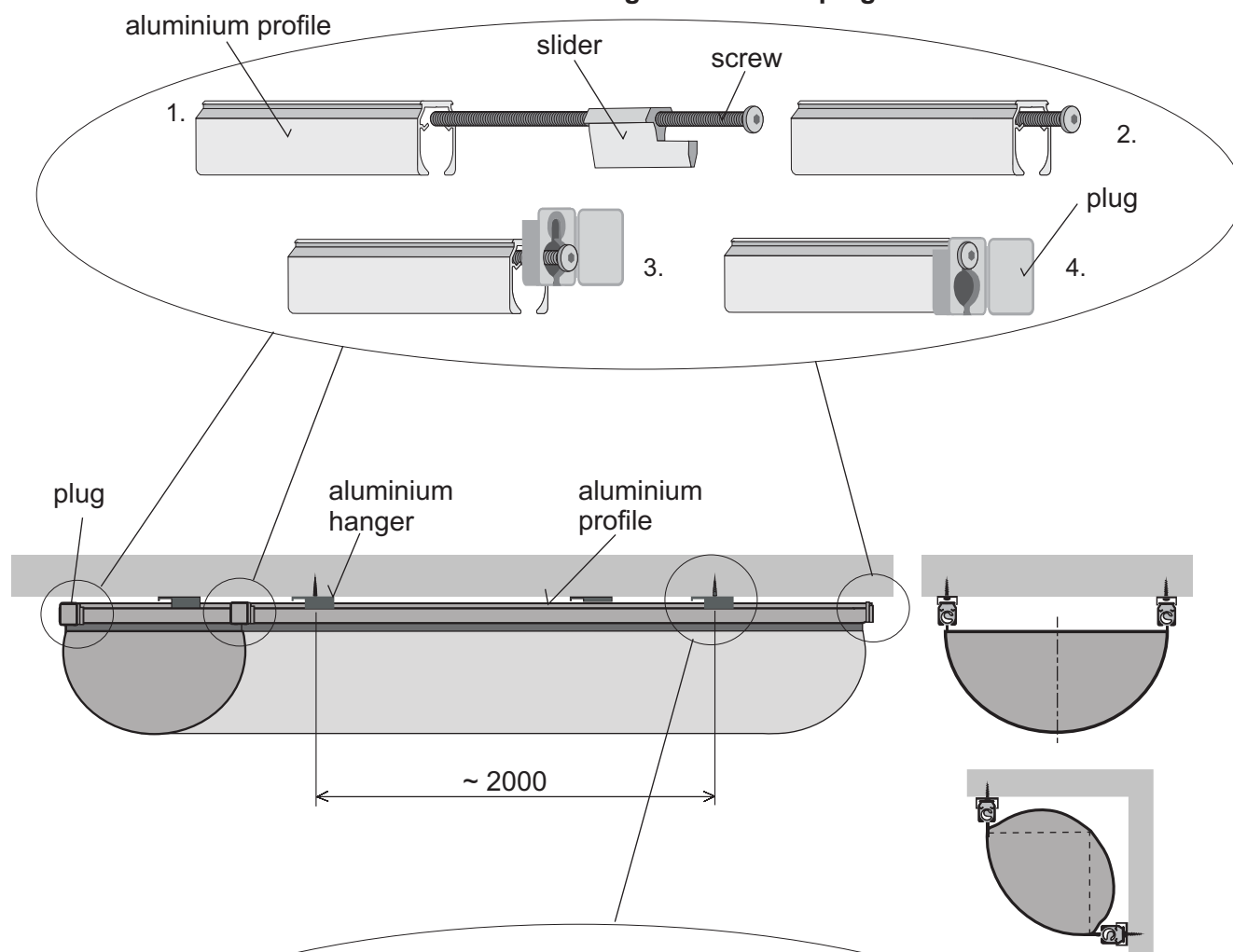
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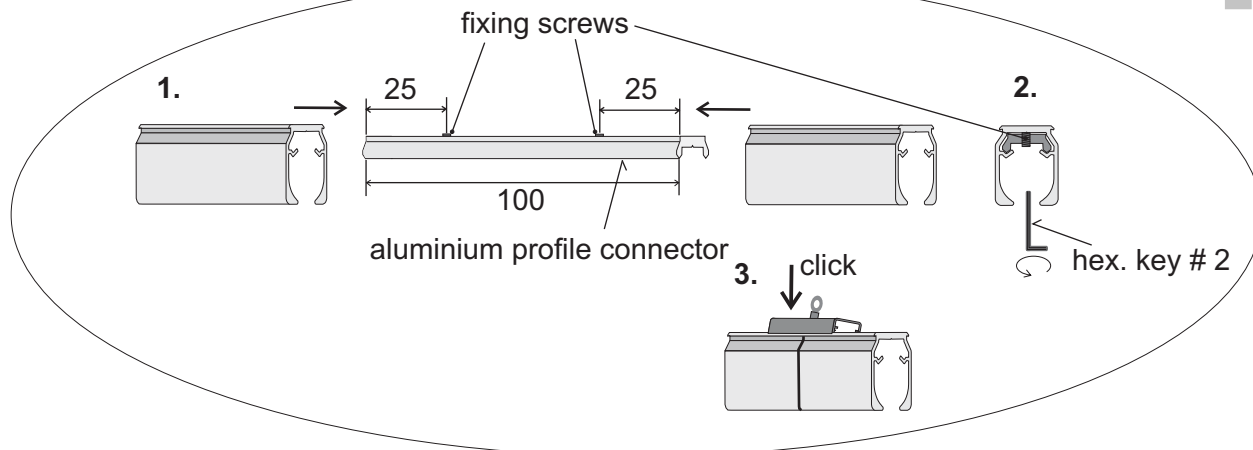
SC

3. INSTALLATION

Details: Mounting of slider and plug



Detail: Joining of profiles



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8ACL

SECTION

H

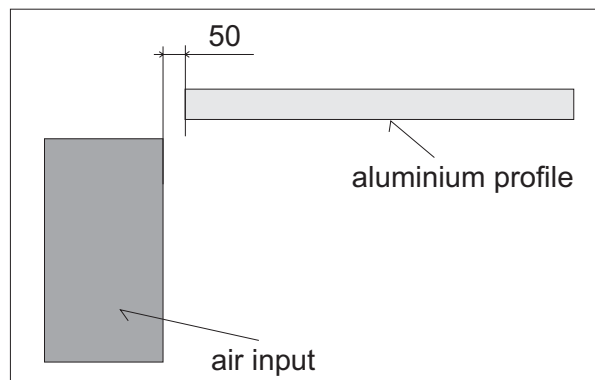
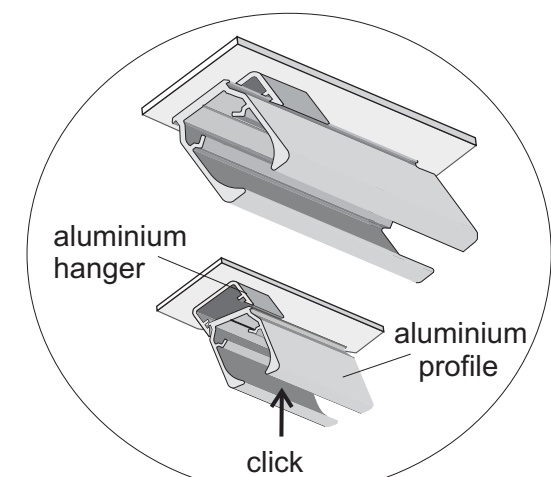
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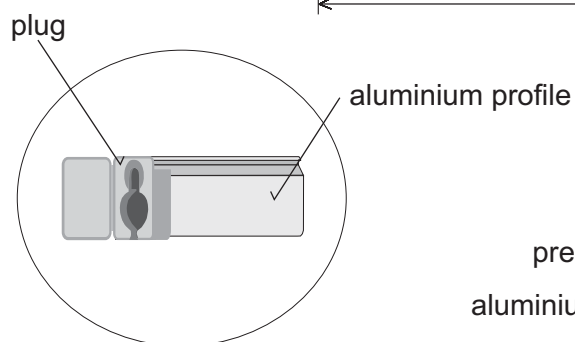
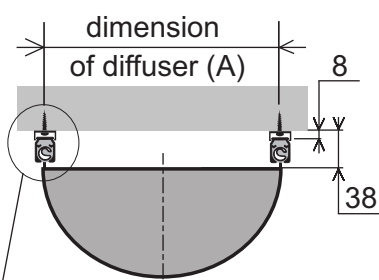
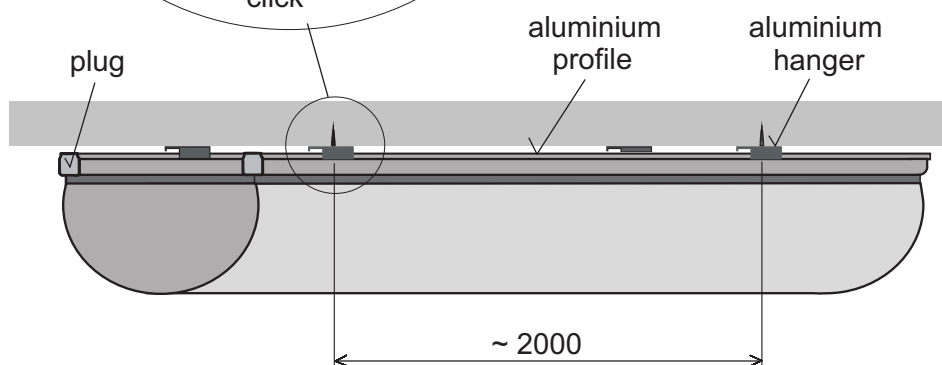
SC

3. INSTALLATION

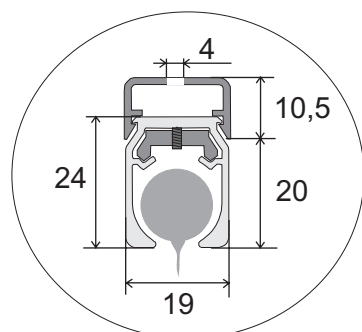
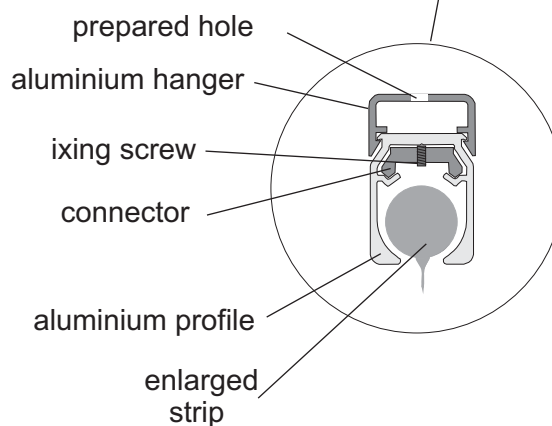
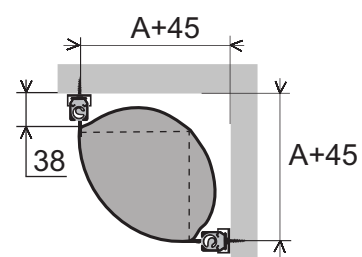
Detail: Mounting of aluminium profile into hangers



Detail: Position of profile's edge



Detail: Plug mounting



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8ACL

SECTION

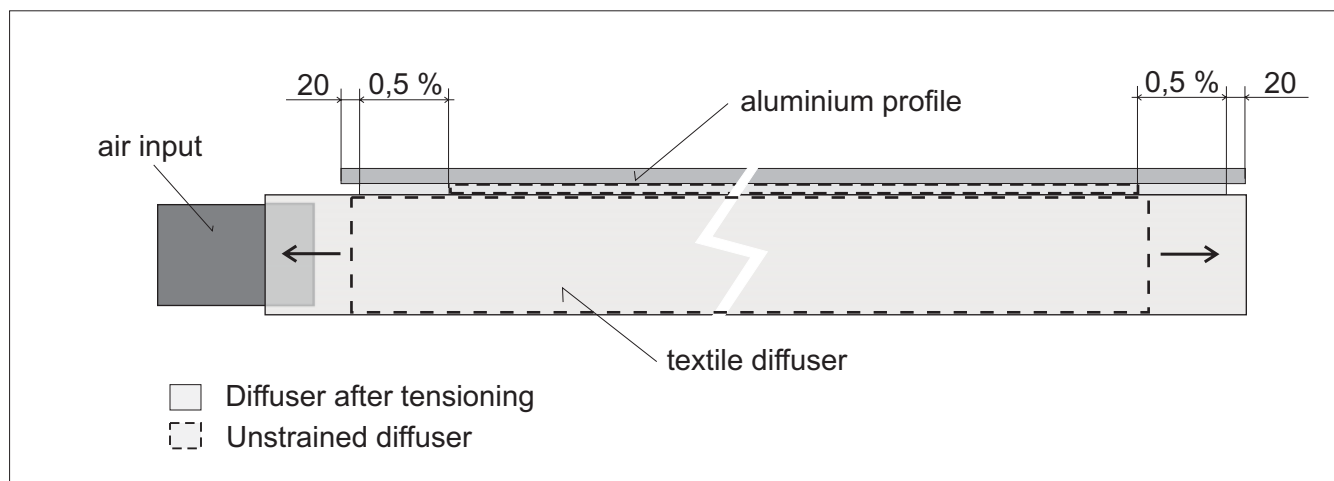
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Q

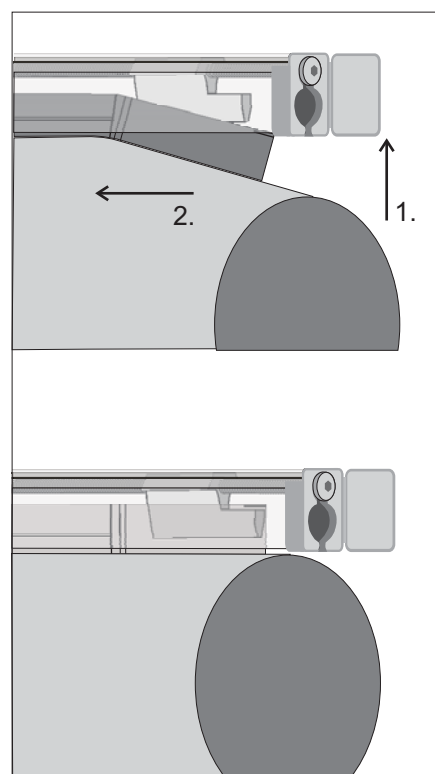
SG

SC

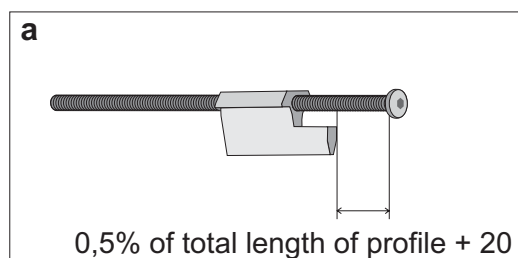
3. INSTALLATION



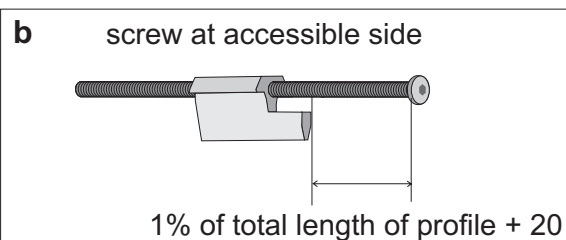
Concept of tensioning



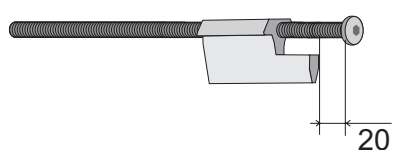
Details: Fitting pocket with slider



Details: Setting of slider - a



screw at non accessible side



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8ACL

SECTION



3. INSTALLATION

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The aluminium profiles require to be mounted every 2 m. There must be always the hanger at the both edges of whole profile.
- 3. Mounting of aluminium hangers to the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 5. Preparing for the hanging-up of textile diffuser:** Depending on the local situation, select the side of fixed profile from which you will start to slide the diffuser. Insert the open plug which will serve as a funnel at this stage into edge of profile - see the "Detail: Plug mounting".
- 6. Hanging-up of textile diffuser to the fixed profiles:** Start to slide the enlarged strip of textile diffuser into prepared profile. Either from the first part to the last one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 7. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. Remove the plug, insert adjusted screw with slider and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: Fitting pocket with slider"). Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Remove the plug, insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug back (see "Details: Mounting of slider and plug). Fit a little pocket at the end of enlarged strip of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 8. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 9. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8C

SECTION

H

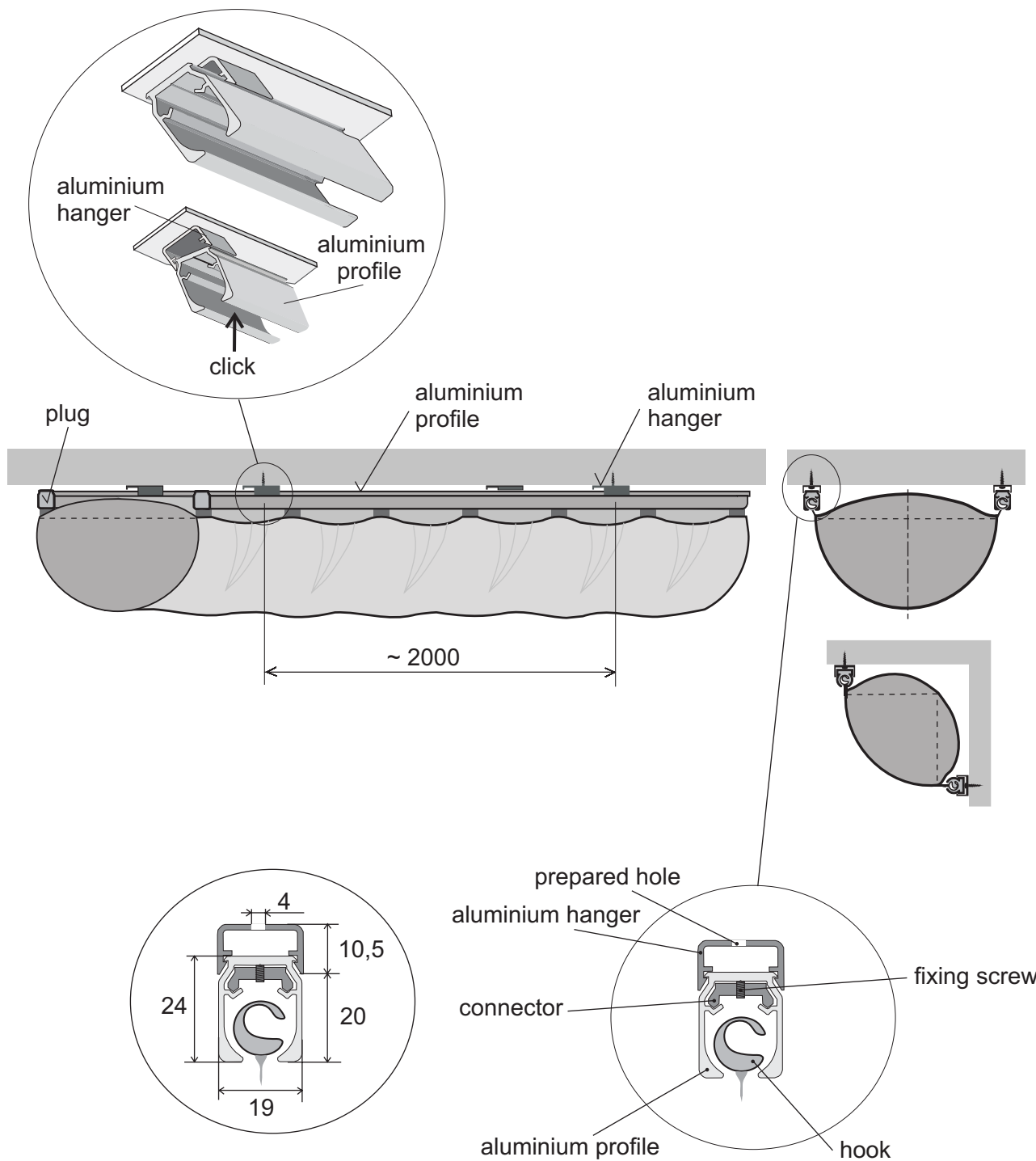
Q

SG

SC

3. INSTALLATION

Detail: Mounting of aluminium profile into hangers



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8C

SECTION

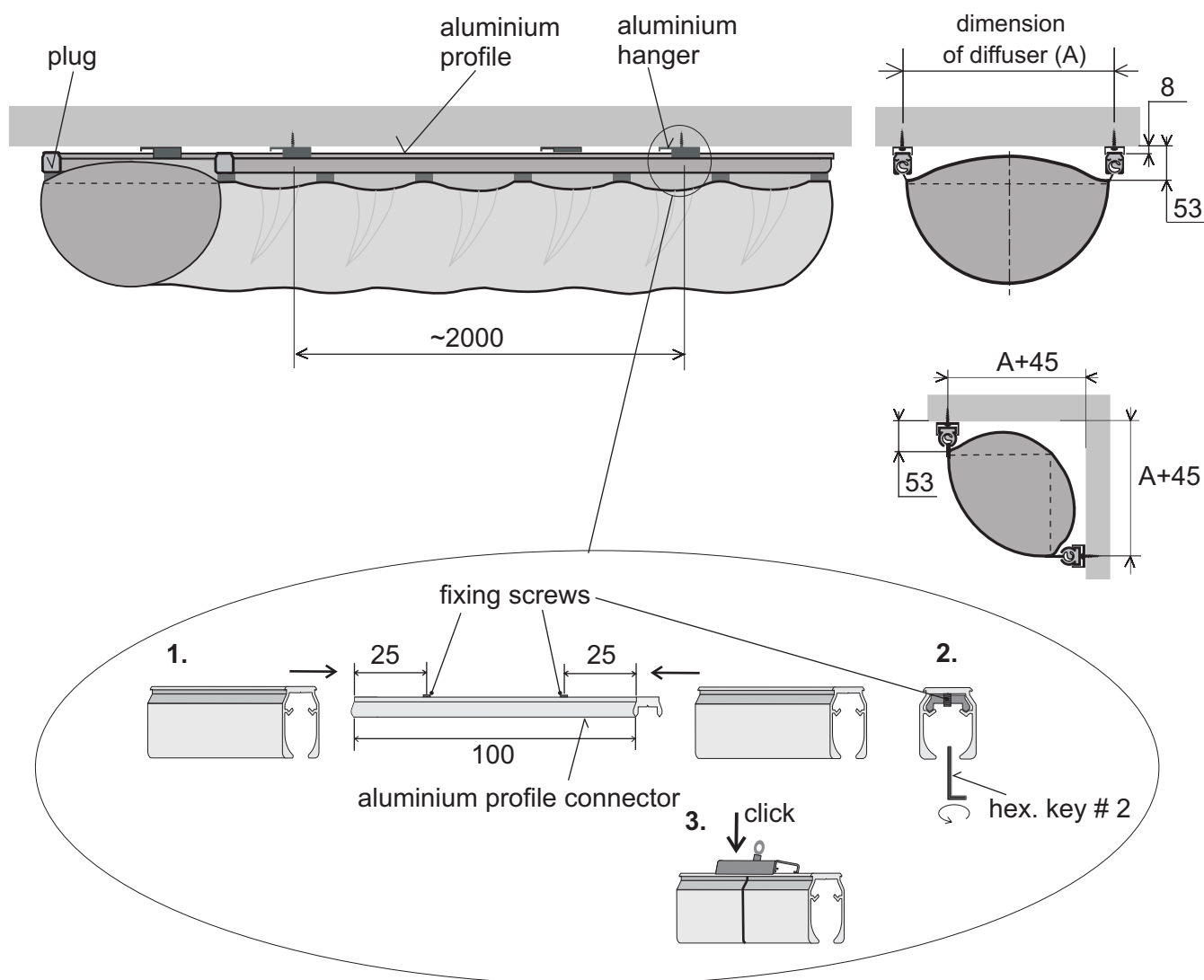
H

Q

SG

SC

3. INSTALLATION



Detail: Joining of profiles

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8C

SECTION



3. INSTALLATION

- 1. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure!
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of prepared hole in aluminium hanger. The aluminium profiles on aluminium hangers require to be mounted every 2 m and prepare accordingly dowels and other anchoring systems into structure. There must be always one hanger at the face and end sides of whole profile. The loading capacity of any hanger is at least 1000 N.
- 3. Mounting of aluminium hangers into the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first profile by one end into the aluminium hanger. Slide then the connector on its second end as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger in the connection point. Proceed on with this procedure up to mounting of all profiles.
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Installation of plugs:** Mount the plugs on both ends of profiles.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8CL

SECTION

H

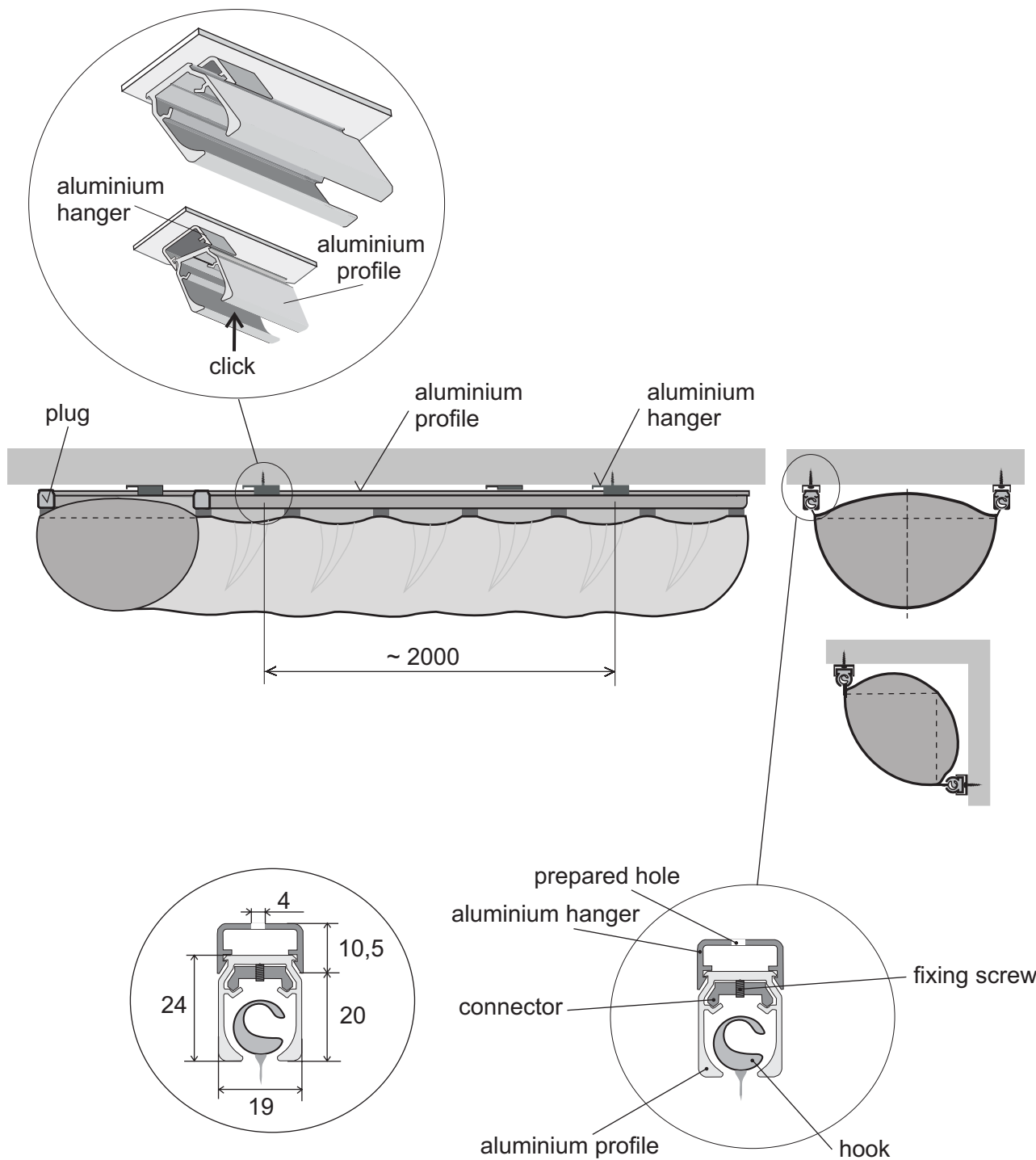
Q

SG

SC

3. INSTALLATION

Detail: Mounting of aluminium profile into hangers



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8CL

SECTION

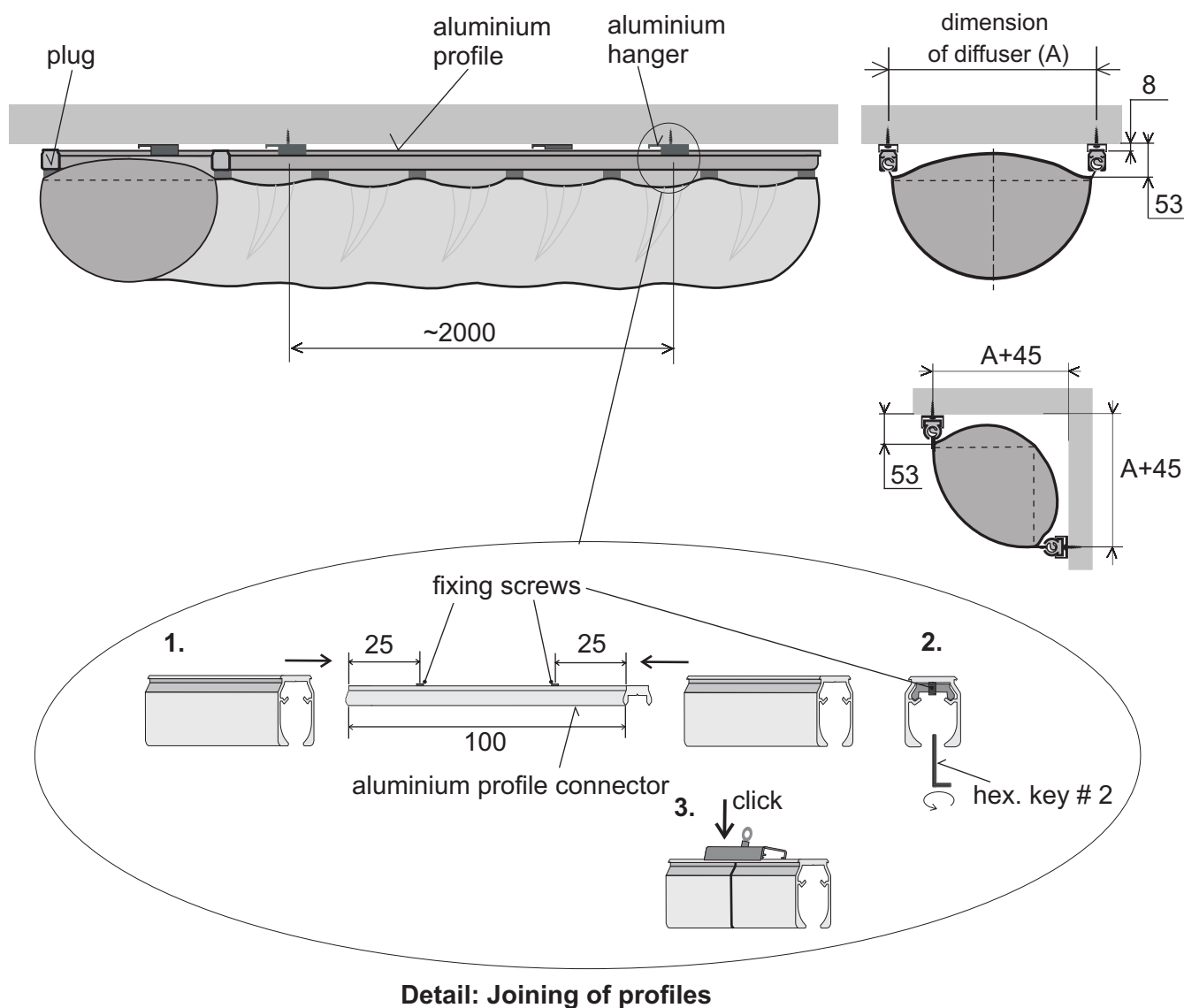
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3. INSTALLATION



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

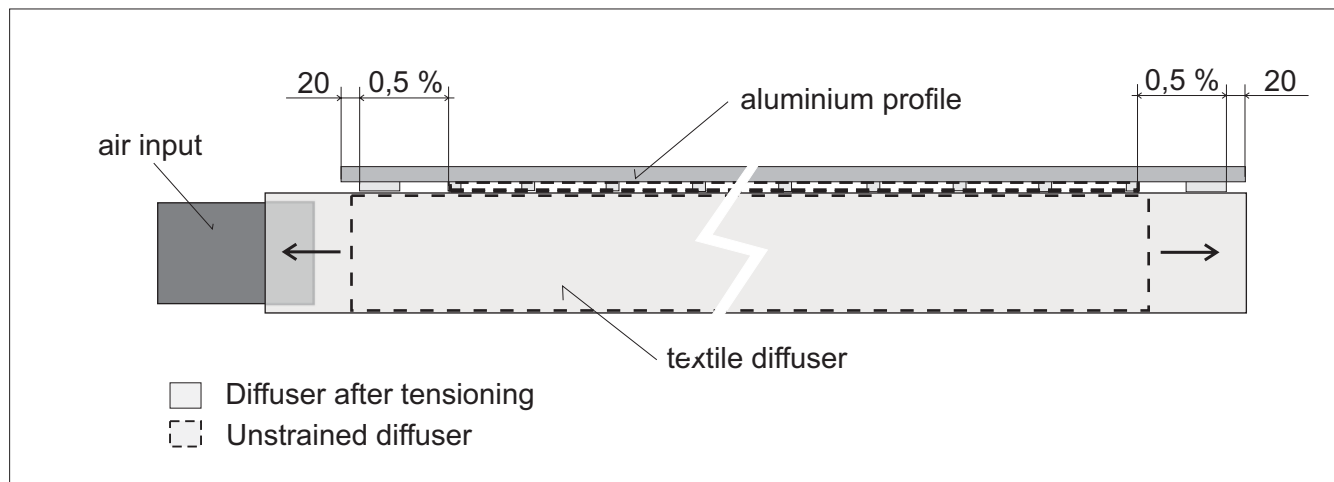
3. INSTALLATION

8CL

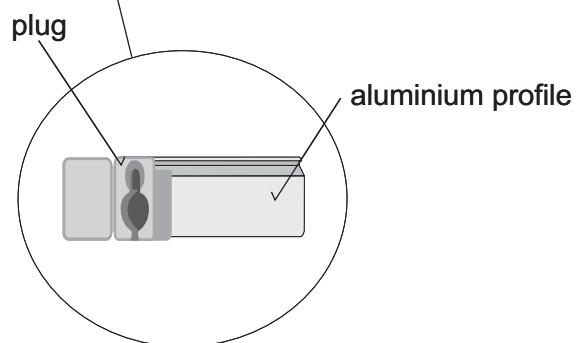
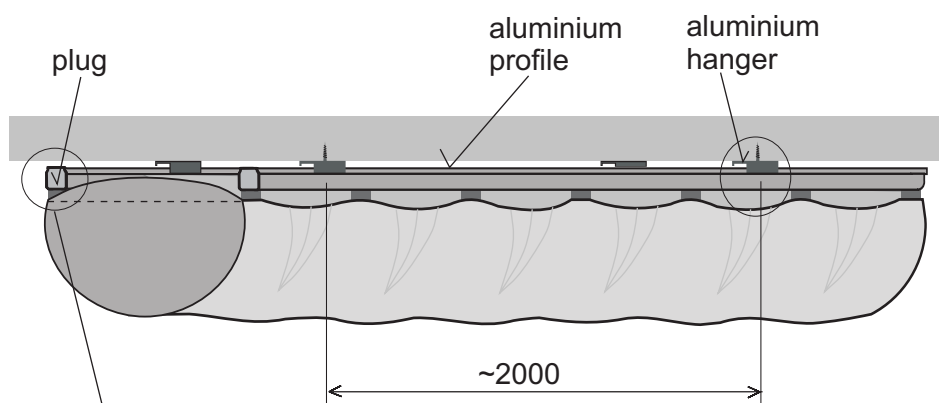
SECTION



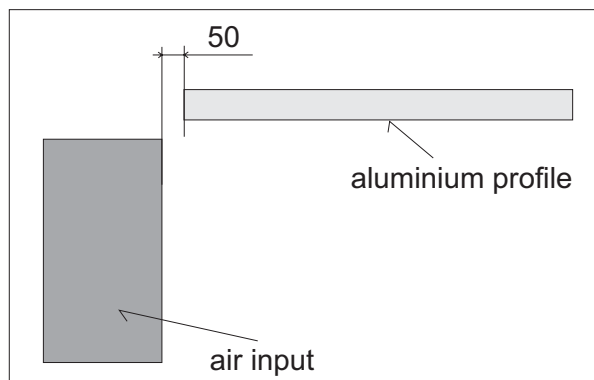
3. INSTALLATION



Concept of tensioning



Detail: Plug mounting



Detail: Position of profile's edge

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8CL

SECTION

H

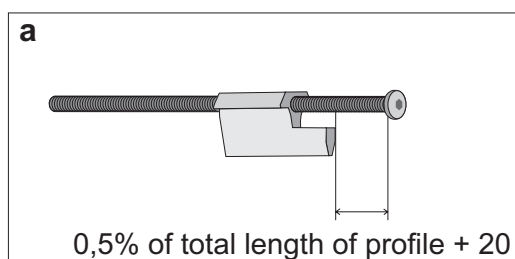
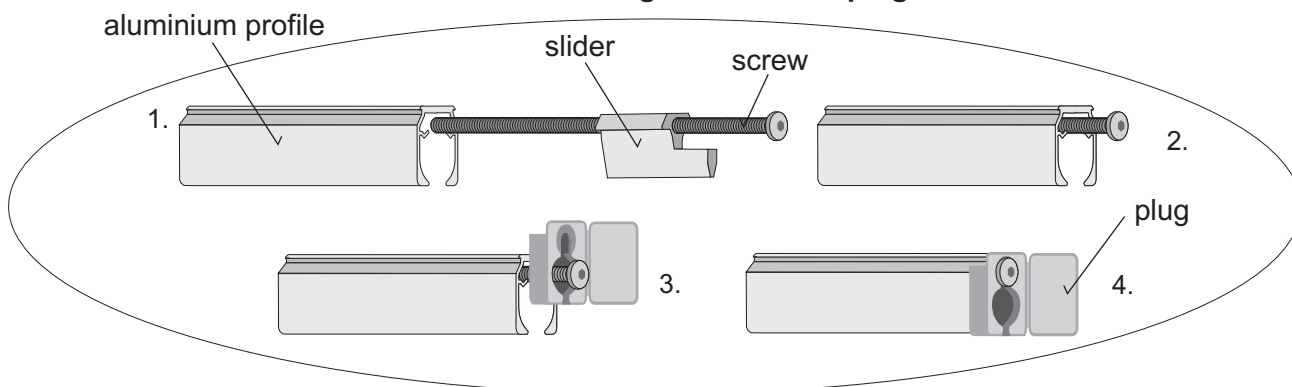
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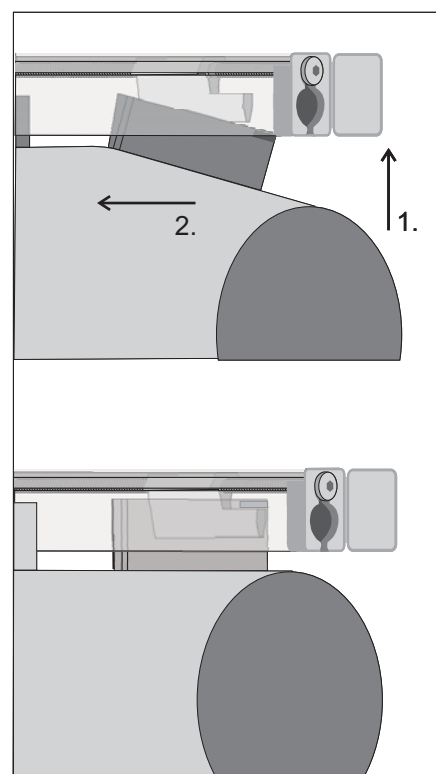
SC

3. INSTALLATION

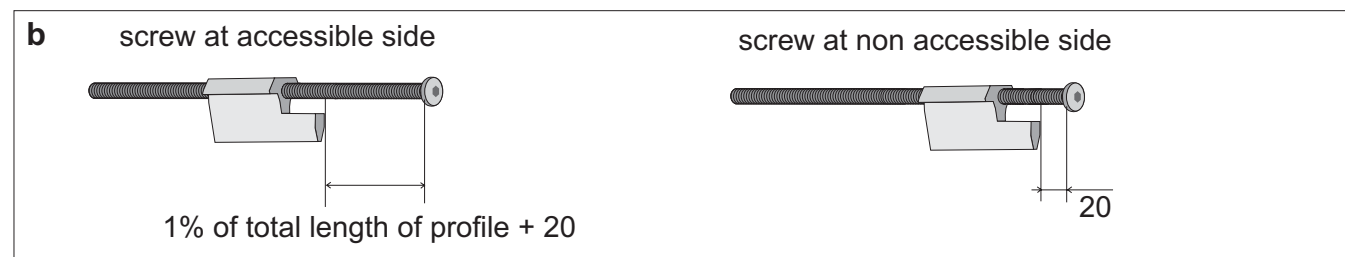
Details: Mounting of slider and plug



Details: Setting of slider - a



Details: Fitting pocket with slider



Details: Setting of slider - b

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8CL

SECTION



3. INSTALLATION

- 1. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The diameter of screws or bolts must correspond with dimensions of prepared hole in aluminium hanger, i.e. 4 mm. The loading capacity of any hanger is at least 500 N.
- 2. Lay-out of fastening points for mounting of aluminium hangers:** Mark the position of aluminium hangers on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The aluminium profiles require to be mounted every 2 m. There must be always the hanger at the both edges of whole profile.
- 3. Mounting of aluminium hangers to the structure:** Mount the aluminium hangers into the anchoring elements on the ceiling (structure).
- 4. Mounting of aluminium profiles into the aluminium hangers and their joining:** Snap shut the first edge of profile into the aluminium hanger. Slide then the connector in second end of profile as per "Detail: Joining of profiles" and tighten the locking screw. Slide the second profile on connector and tighten the second locking screw. Snap shut the profiles into the aluminium hanger, preferably in the connection point. Proceed on with this procedure up to mounting of all profiles. The total length of profiles has to be in accordance with length given on drawing exactly! If necessary short the last part of profile. With respect to subsequent mounting of screw tensioner it is quite important to maintain positioning of first edge of profile against air input device as per "Detail: Position of profile's edge".
- 5. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 6. Mounting of screw tensioner into profile:** Screw tensioner (see „Detail: Concept of tensioning“) will be installed on both edges of the profiles. As a result of the use of tensioning the diffusers extended by 1%. For this reason the length in the unstrained state is for 1% less than indicated on the drawings, see "Detail: Concept of tensioning".
 - a) Both ends of profile are accessible for screw tightening**
Adjust the position of slider on both screws under "Details: Setting of slider - a".. , insert adjusted screw with slider and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: Fitting pocket with slider").
Insert adjusted screw with slider into second end of profile and continue as before. Tighten the screws alternately on both sides till proper position of diffuser is reached (approx.0,5% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
 - b) Only one end of profile is accessible for screw tightening**
Adjust the position of sliders on the screw differently under "Details: Setting of slider - b". Insert adjusted screw with slider this one which will be tightened, i.e. where the slider is more distant from head of screw and mount the open plug (see "Details: Mounting of slider and plug). Fit a little pocket at the end of diffusers with slider on screw (see "Details: fitting pocket with slider"). Insert adjusted screw with slider closer to head of screw into second end of profile and continue as before. Tighten the screws on accessible side till proper position of diffuser is reached (approx.1,0% of total length of profile) - see "Detail: Concept of tensioning". Close the plug on both sides.
- 7. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 8. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

8G

SECTION

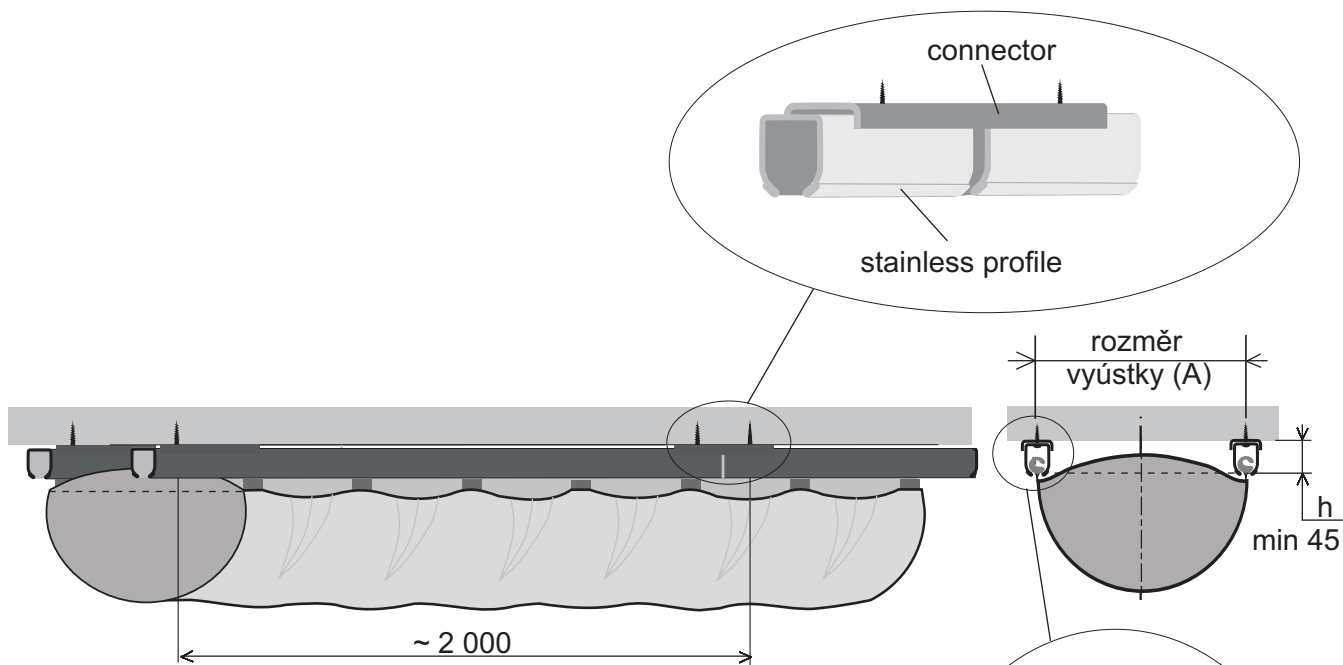
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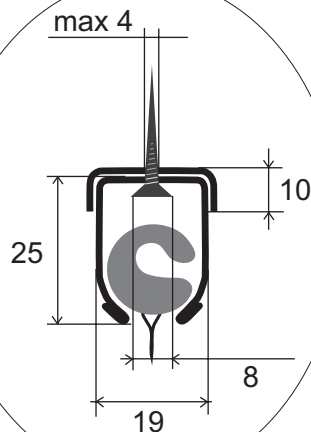
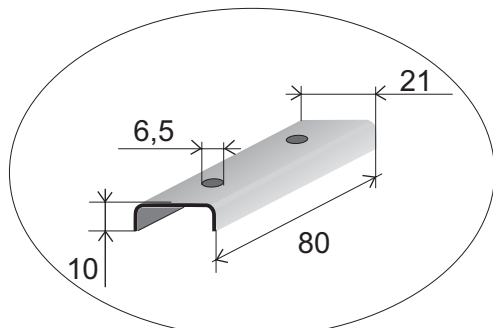
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3. INSTALLATION

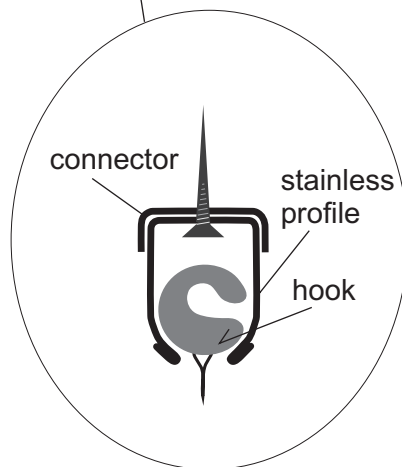
Detail: Connecting of profiles



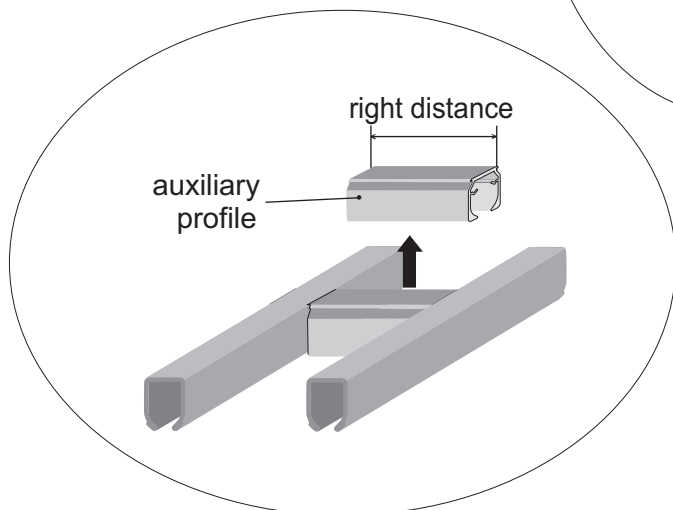
Detail: Connector



Detail: Fastening of stainless profile



Detail: Vzdálenost mezi profily



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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3. INSTALLATION

- 1. Lay-out of fastening points for mounting of profiles:** Mark the position of two rows of profiles on ceiling or other structure intended for the installation of diffuser. For good appearance of diffuser it is necessary to level exactly this structure! The rows of profiles must be quite parallel with distance correspondent with the length of auxiliary profile, which is attached - see "Detail: Distance between profiles".
- 2. Preparation of anchoring elements:** Prepare suitable anchoring elements, most commonly screws and dowels. These elements are not a part of delivery due to variety of used building materials. The screws and bolts must correspond with dimensions of holes in connectors of profiles (4 mm diameter). The stainless profiles require to be mounted every 2 m. Prepare accordingly and as per the layout of holes in profile the dowels and other anchoring systems into structure. The loading capacity of any hanger is at least 1000 N.
- 3. Mounting of profiles into the structure:** Mount the beginning of the first part of the profile to the structure (ceiling). Then mount the next parts of profile one by one through the connectors, see the "Detail: Connecting of profiles". Fix the end of the last profile part directly to the structure (ceiling) as the first one.
- 4. Hanging-up of textile diffuser into the mounted profiles:** Start to slide the hooks of textile diffuser on prepared profile. From the last part to the first one or conversely, as per local situation. Join the individual parts of diffusers by sewed zips.
- 5. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end = 100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 6. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

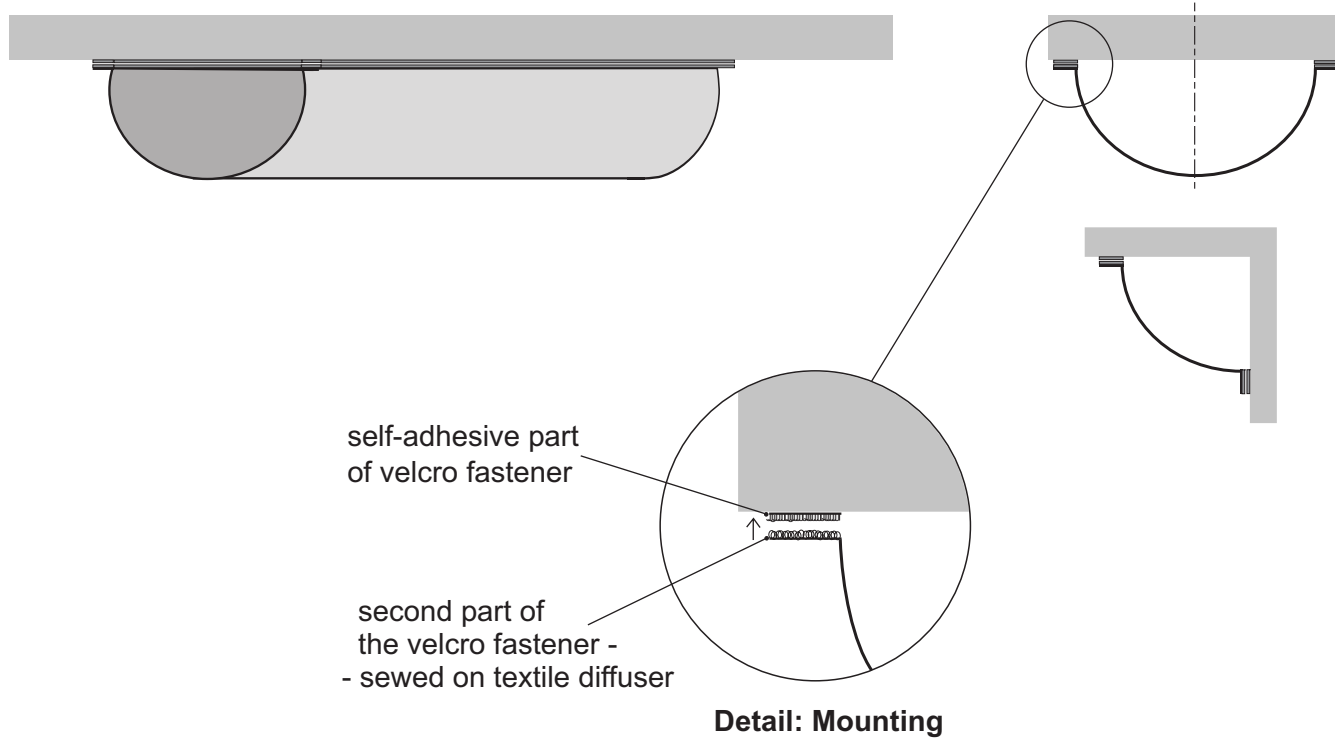
3. INSTALLATION

9

SECTION



3. INSTALLATION



! This installation can be only used for temperatures up to 50°C. !

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

3. INSTALLATION

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SECTION



3. INSTALLATION

- 1. Preparation of surface for glueing of velcro fastener:** Degrease and clean as the best as possible whole surface intended for glueing of velcro fastener. The installation load capacity depends on surface cleanliness.
- 2. Glueing of velcro fastener:** Press a strip of the self-adhesive part of velcro fastener along its length down on prepared surface.
- 3. Mounting of diffuser to the glued velcro fastener:** Press the second part of the velcro fastener sewed on textile diffuser down on the glued part of it.
- 4. Mounting of textile diffuser into the air inlet:** Mount the textile diffuser to the air inlet, see Chapter 2. If it contains a connecting part (so-called front end =100-200 mm long part, No. 1 on drawing), remove it and connect it separately.
- 5. Fan actuation:** Only when all parts of diffuser are correctly installed and joined, actuate the fan and observe if the diffuser is trouble-free blown up. Adjust eventual imperfections of visual appearance.

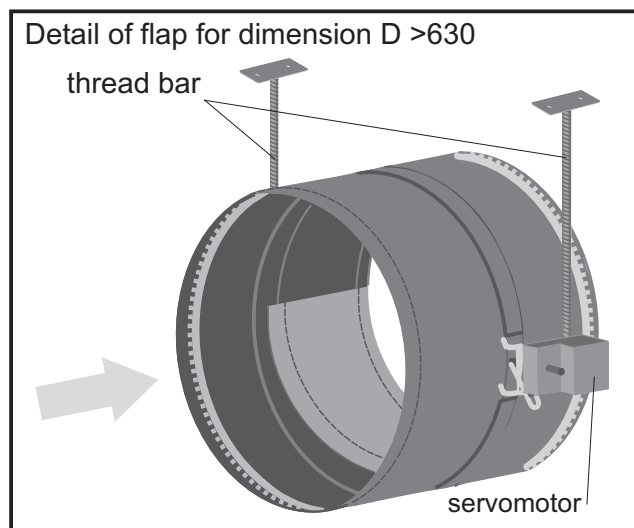
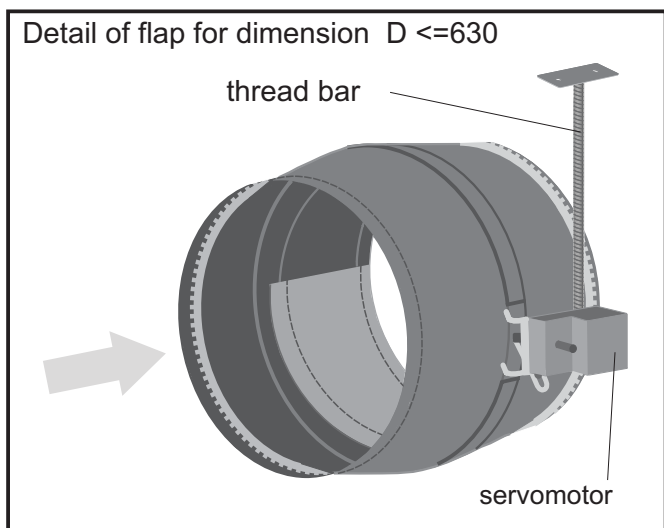
! This installation can be only used for temperatures up to 50°C. !

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

4. SPECIALITIES

MOUNTING OF MEMBRANE DIFFUSER

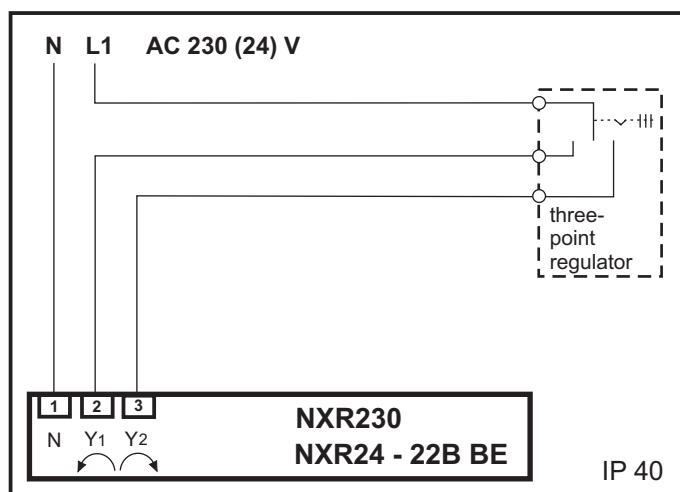
1. Connect the face side of textile diffuser to air inlet (ducts, fan or unit - see Chapter 2).
2. Anchor a servomotor by means of thread bar as per following figures.
3. Connect the zip of textile flap with face side zip.



4. Install the complete diffuser as per special instructions and connect the zip with flap. Connect always the membrane and then diffuser.

5. Electrical wiring

Wiring diagrams



Minimize the frequency of position transitions by means of a proper heat supply control. Facilitate the transition only when certain temperature has been reached. Determine the proper hysteresis (e.g. 2 - 3 °C) according to local conditions. While switching over the fan has to be in operation, ideally at decreased air volume.

Transition time:

Type NXR230 cca 140 s

Type NXR24 - 22B BE cca 280 s

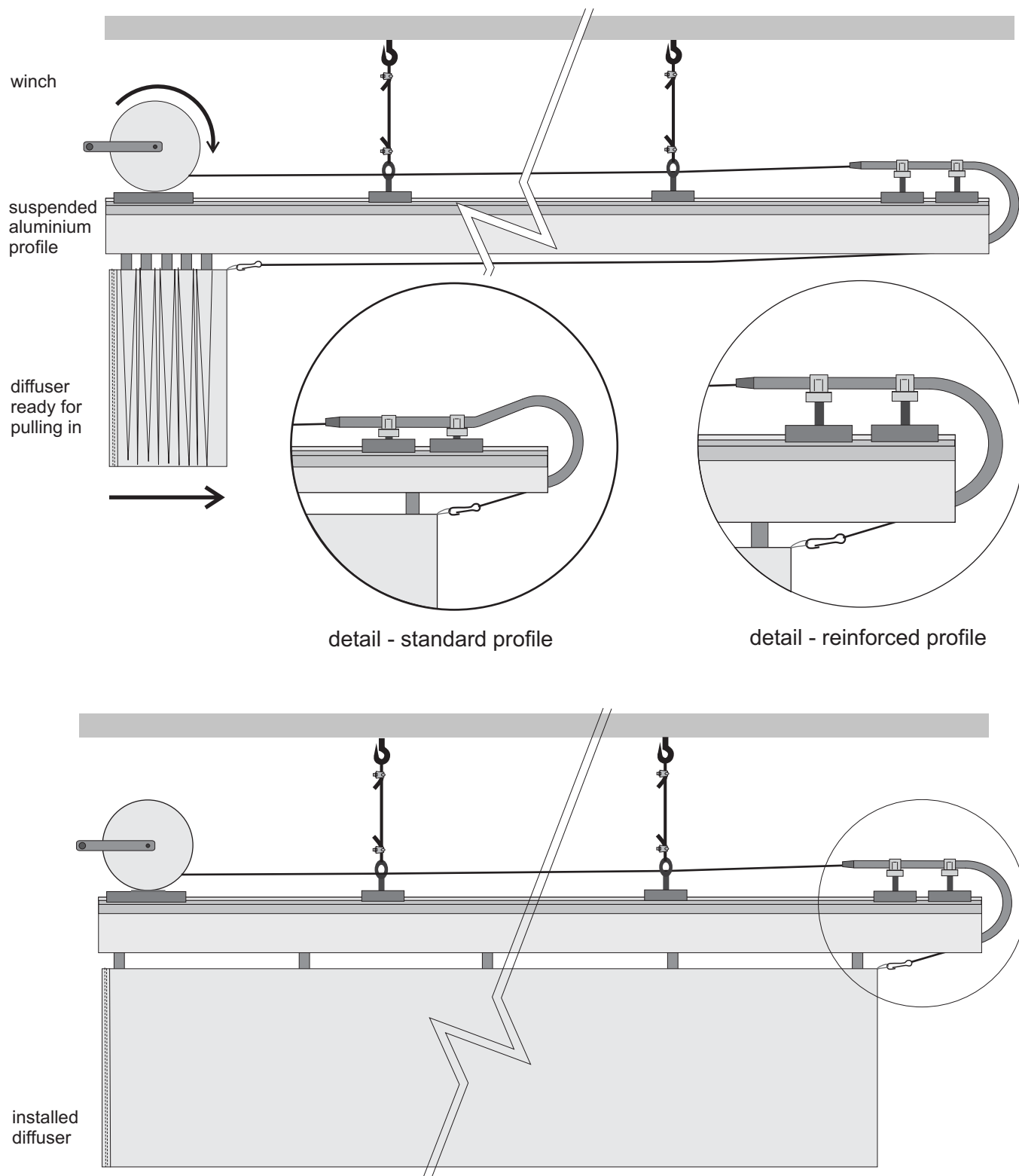
- When the servomotor has been plugged in, the flap turns to either of the starting positions.
- The position of the flap can be altered manually after the rotary knob on the case has been turned to the proper position.
- The membrane position can be watched by means of a joystick.
- The working positions of servo unit are 0° and 180° with tolerance $\pm 5^\circ$.

! The manufacturer does not give a guarantee for damages of membrane, when operating it outside working positions. !

TEXTILE DIFFUSERS MOUNTING INSTRUCTION

4. SPECIALITIES

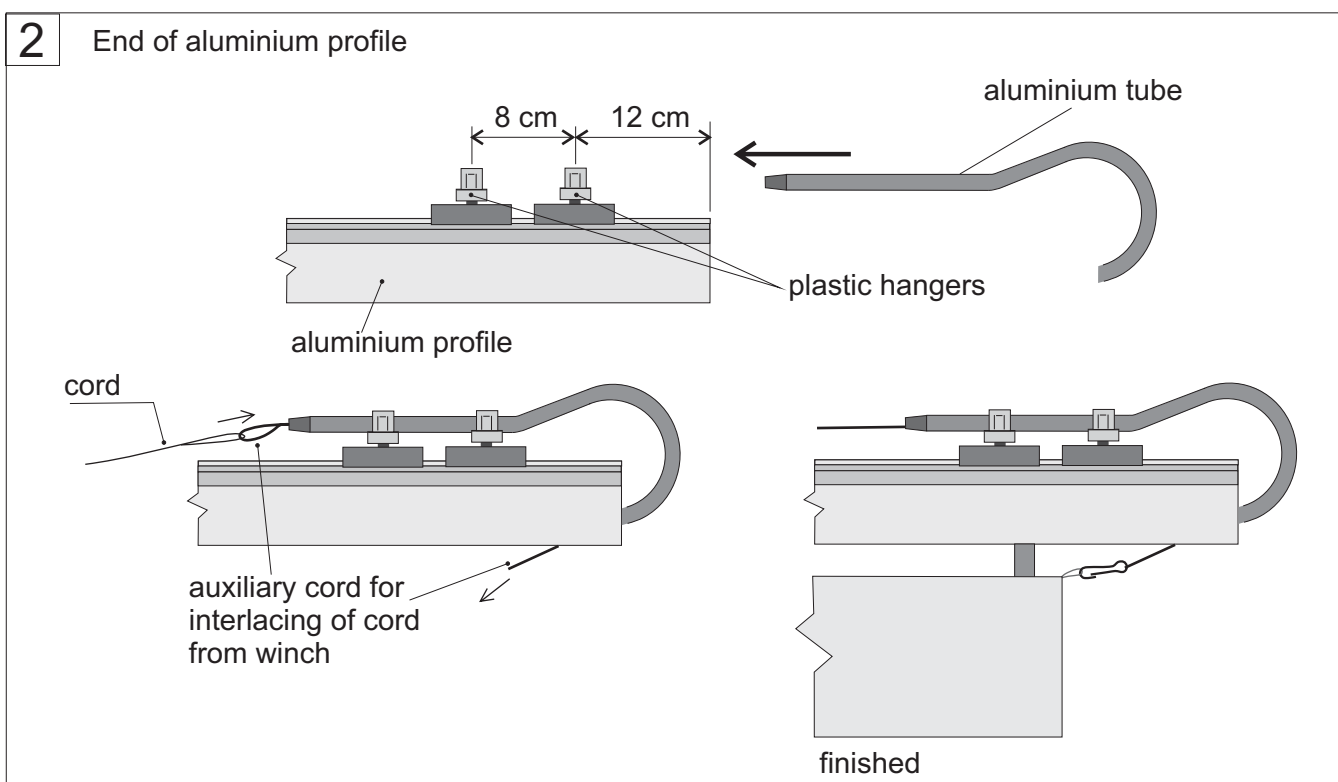
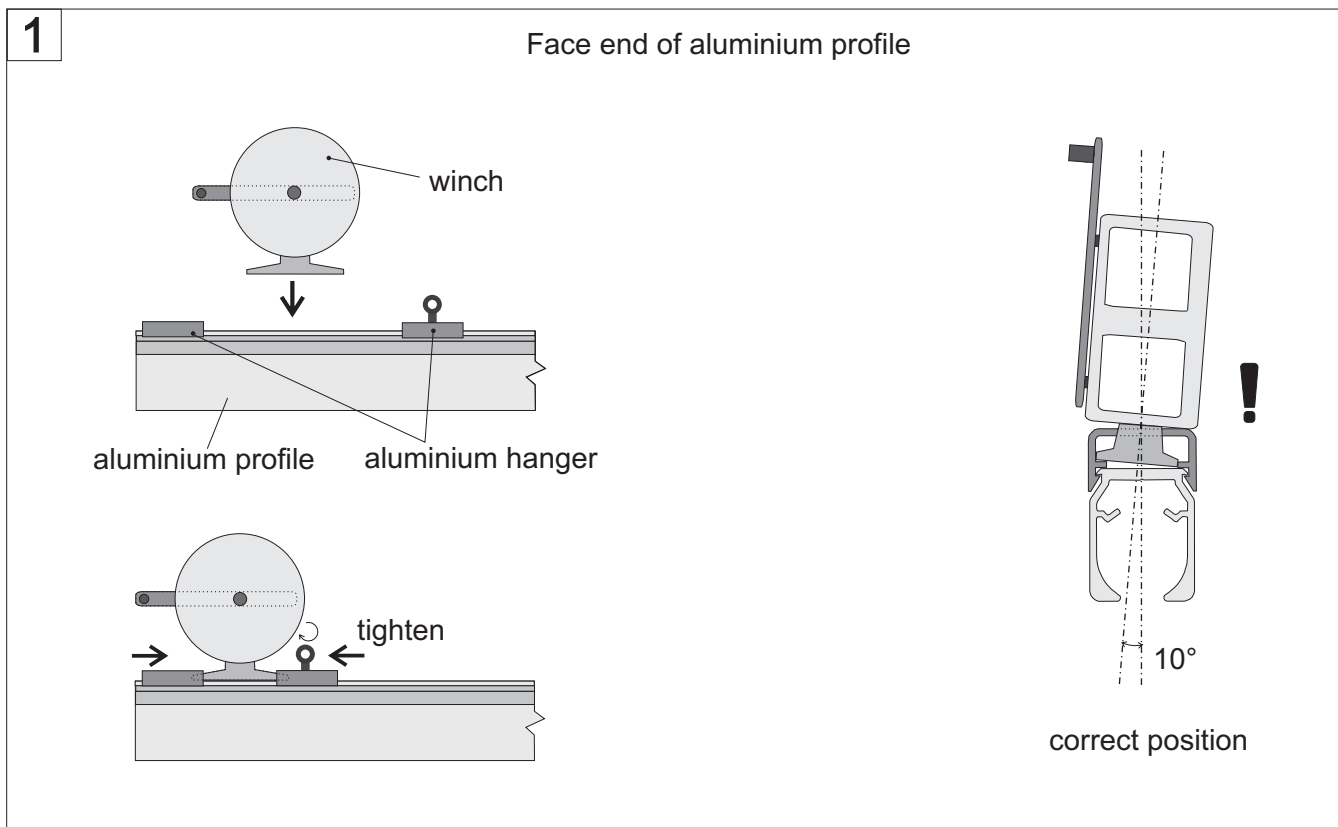
INSTALLATION OF WINCH



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

4. SPECIALITIES

INSTALLATION OF WINCH



TEXTILE DIFFUSERS MOUNTING INSTRUCTION

4. SPECIALITIES

INSTALLATION OF WINCH

1. Mount the turnbuckle to the face end (first part) of the aluminium profile by means of aluminium hangers so that the turnbuckle would be in slightly tilted position see figure 1.
2. Slide a tube into plastic hangers at the end of aluminium profile (last part).
3. Hang the profile as per separate instructions.
4. Unroll a bit of cord from turnbuckle and fasten it to the auxiliary cord, which is threaded to tube under fabrication. Interlace this cord from turnbuckle through tube with pulling at the auxiliary cord.
5. Put all hooks of textile diffuser on suspended profile, but leave the diffuser stroked at the face side of profile.
6. Mount a snap hook to the cord end from turnbuckle. Unroll it from turnbuckle until it reaches to the end of hung-up diffuser. Hook up the snap hook to the eyelet at the end of diffuser.
7. Reel up the cord by handle. The hooks of textile diffuser will be slid through profile and the diffuser will be extended to the end of the hung-up profile.

MAINTENANCE OF TEXTILE DIFFUSER

All our diffusers are made of high-quality resistant materials without a natural fibre admixture. The used material is specified when your order is technically processed.

The diffusers made of permeable fabric (PMS, PMI, PLS, PLI, PMB, PMT) can be washed in a common industrial washing machine. Impermeable fabrics (NMS, NMI, NLS, NLI, NMT) require a gentle mode washing, fabric NHI, NHE, and NMD hand washing only. If the washed diffuser has tyres, braces or turn-buckles, these solid elements must be removed before the washing process. Induction surface dirt (see article XIII) can be vacuumed, washing is unnecessary.











The process of washing:

Observe the set maintenance symbols of the particular product thoroughly before you wash it. The washing labels are sewn in in the diffusers by the zips.

We recommend:

1. Wash the diffusers with common detergents (dosing according to the directions for use), the effect of washing is enhanced if the diffuser is turned inside out. We advise you to repeat the washing up to four times acc. to level of contamination, or to use more powerful washing powder. A special detergent (we will recommend one by request according to the particular dirt) should be used if the fabric is badly soiled.
2. Use a disinfectant only if it is essential according to the local service instructions. The chemical composition of the disinfectant must not harm the diffuser fabric (see maintenance symbols). Observe the producer's dosing instructions.
3. Rinse the diffusers in clean water.
4. Spin-dry the diffusers gently, install them and finish drying by the air flow from the ventilator.

Symbols key:

	max. temperature for washing 40°C normal mechanical action normal rinsing normal separating
	gentle washing in a washing machine, maximum temperature 40 °C, gentle mechanical action, rinsing in water cooling down, gentle spin-driing
	washing only by hands product must not be washed in washing machine max. temperature 40°C cautious handling
	product must not be whitenned with detergents disengaged chlorine
	dry in a drum-drying machine use lower temperature of drying
	product can't be dried in a drum-drying
	ironing within of max. temperature of ironing surface 110°C, cautious with steam ironing
	product must not be ironned steaming is inadmissible
	product must not be dry cleaned the stains must not be removed by organic solvents
	product can be dry cleaned with tetrachlorethen, monofluortrichlormethan and all solvents mentioned with symbol F usual cleaning progresses are without any limits