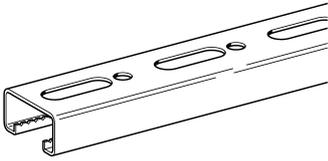
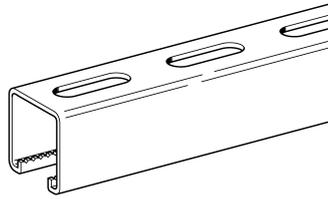


Products

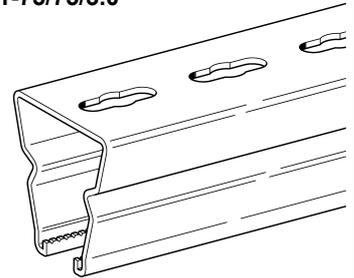
Channel MS
41/21/1.5



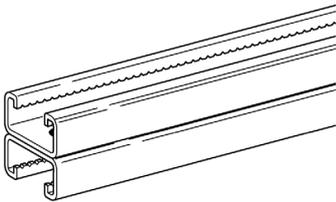
Channel MS
41/41/2.5



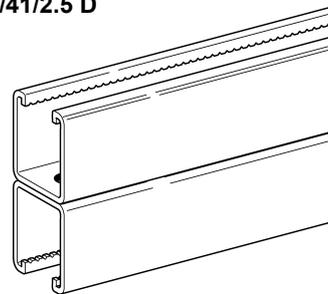
Channel MS
41-75/75/3.0



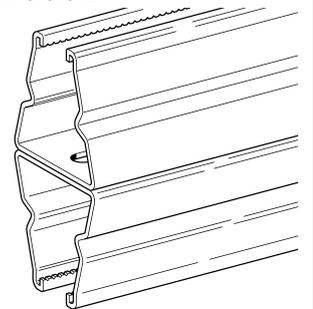
Channel MS
41/21/2.0 D



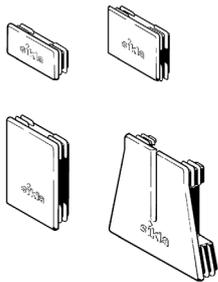
Channel MS
41/41/2.5 D



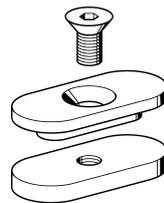
Channel MS
41-75/75/3.0 D



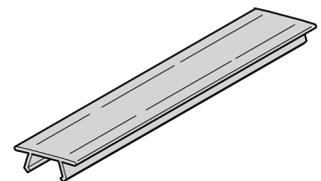
End Cap ADK 41



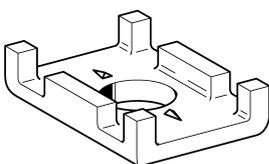
Clamping Unit KL



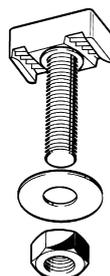
Channel Cover MSA 41



Holding Bracket HK 41



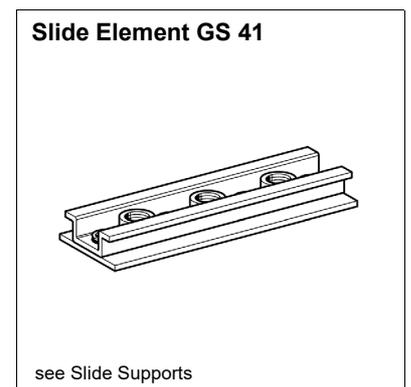
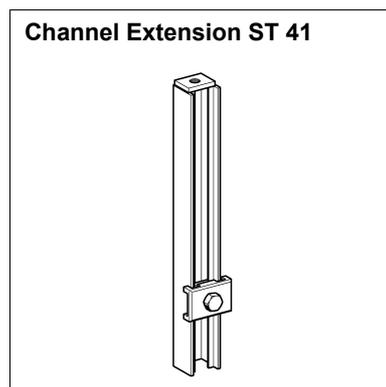
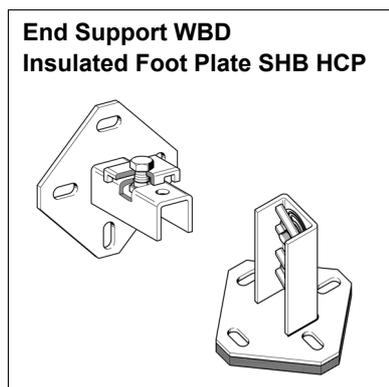
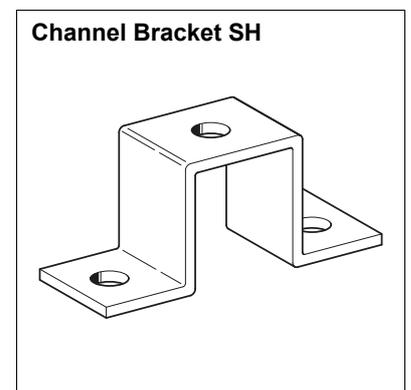
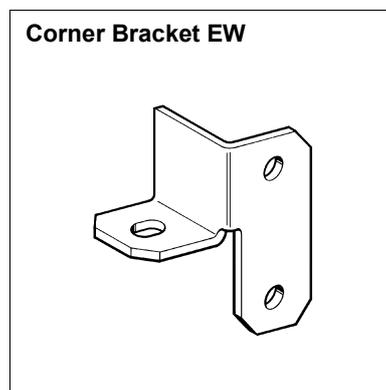
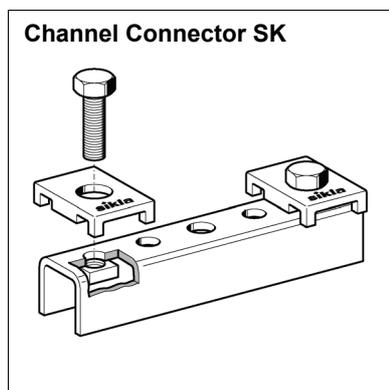
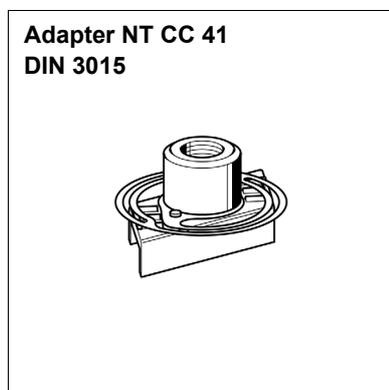
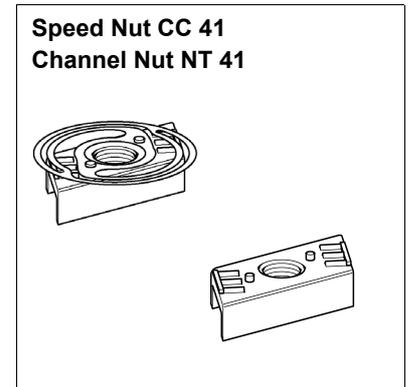
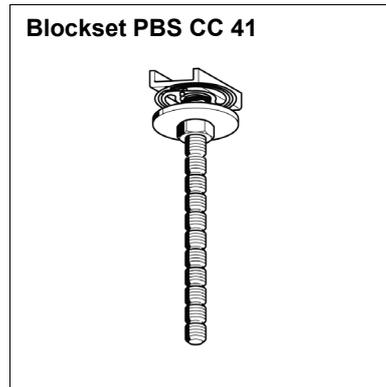
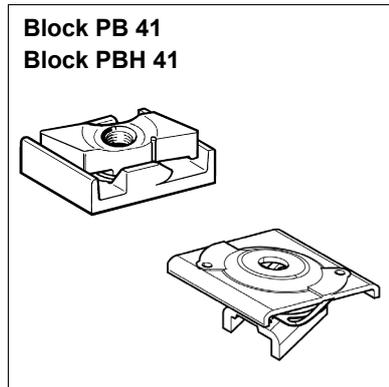
T-Head Bolt TBO HZ 41



Channel Nut HZ 41

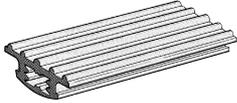


Products



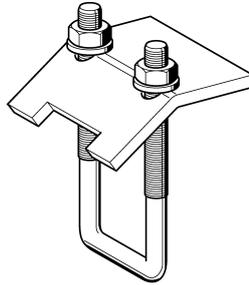
Products

Channel Lining SAL 41



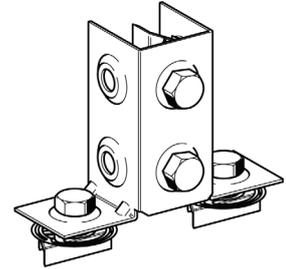
see Sound Absorption Products SDE

U-Holder SB 41

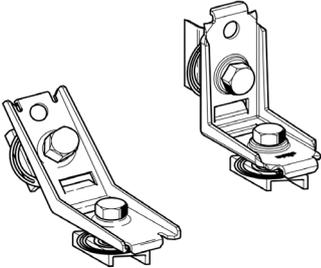


see Sound Absorption Products

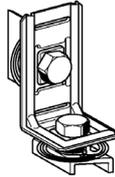
Angle Connector CN CC 41-2



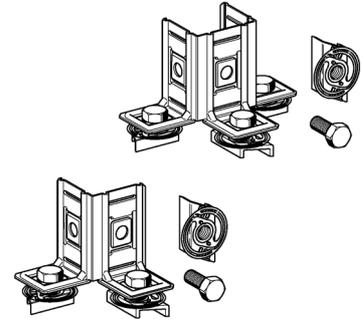
Angle Connector CN CC 41 Stabil



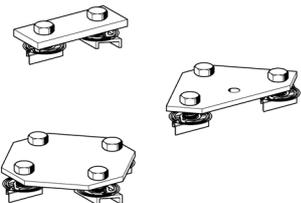
Angle Connector CN CC 41 - 90°



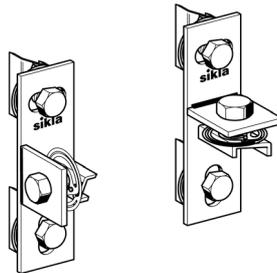
Angle Connector CN CC 41



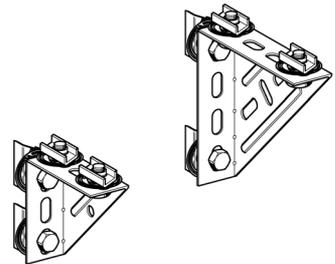
Flat Fitting ECO CC



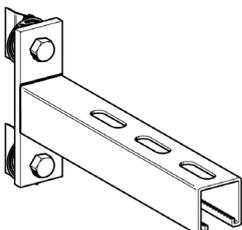
T-Bracket MOS CC



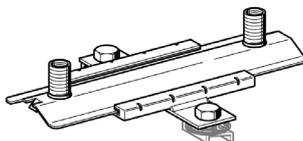
Support Bracket WK CC



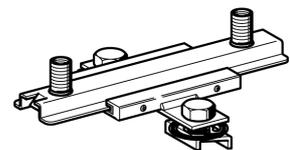
Cantilever Bracket CC



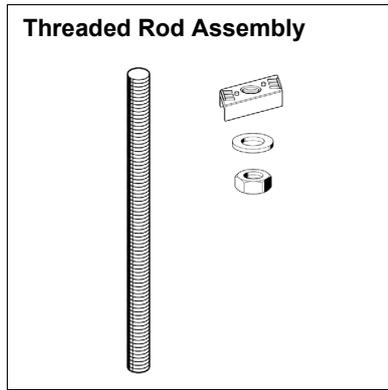
Slide Set GS CC - H3G/1



Slide Set GS CC - 2G/1

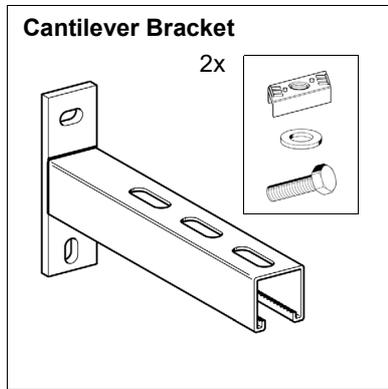
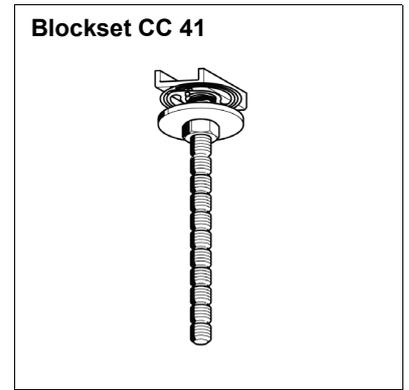


Switch over from conventional assembly solution to Pressix CC



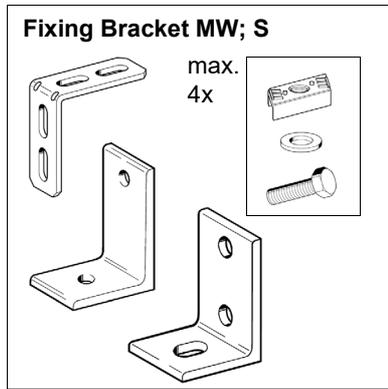
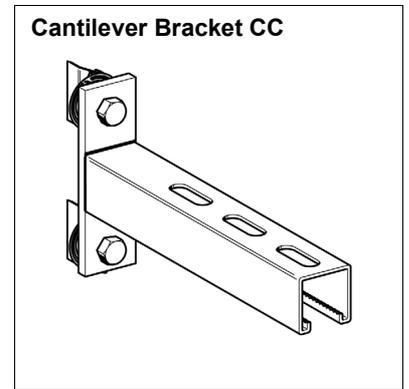
4 components

1 product



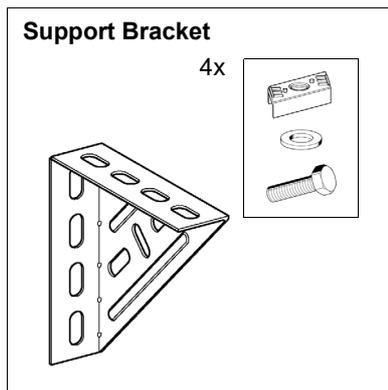
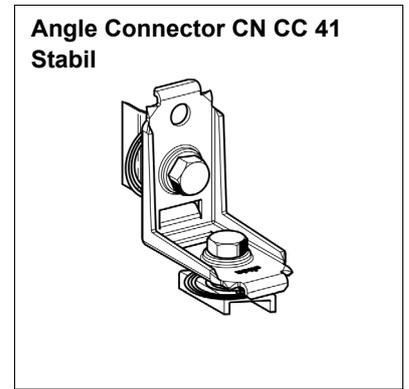
7 components

1 product



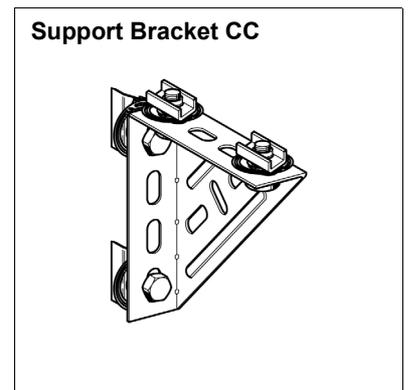
13 components
3 versions

1 product



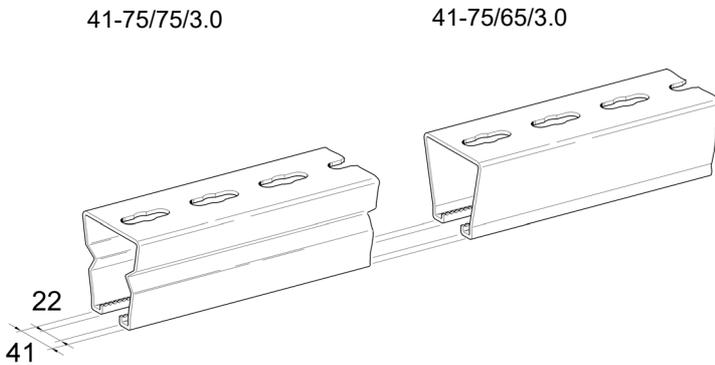
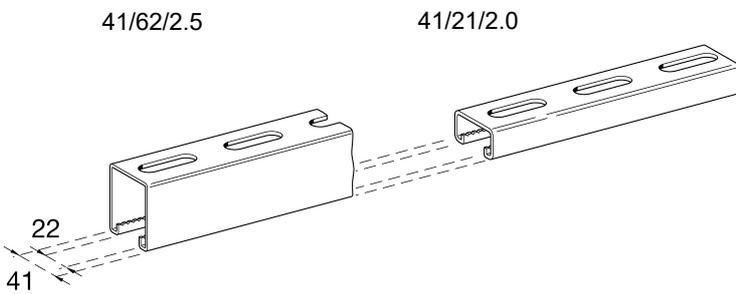
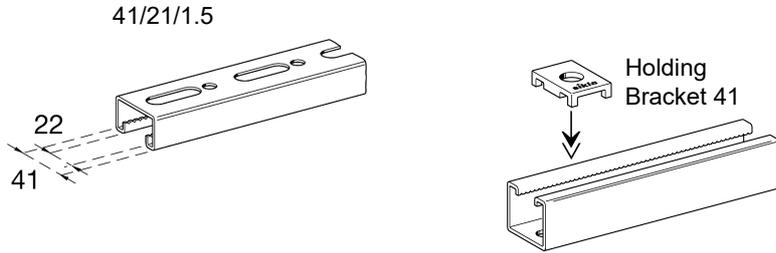
13 components

1 product

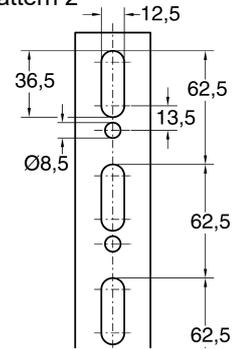


Single channels, end caps and slot patterns

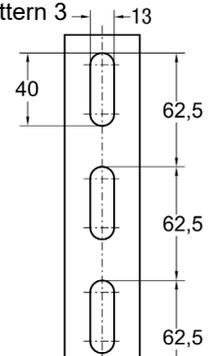
System 41



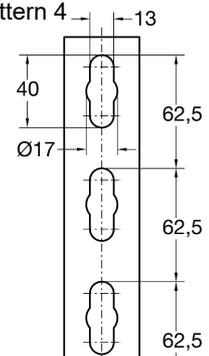
Slot pattern 2



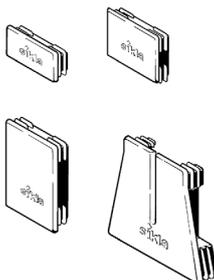
Slot pattern 3



Slot pattern 4

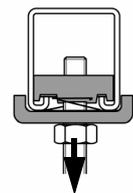


End Caps ADK 41



End caps are available for all Channel sizes and neatly protect any cut ends of the Channels.

For back to back channels use 2 of the same end caps at each end.



Holding Bracket HK 41 used with Channel Nut NT or T-Head Bolt TBO ensure optimum load distribution to the supporting channel, without opening or bending the edges of the channel under load.

Double Channels and Channel Covers

System 41

41/62/2.5 D 41/21/2.0 D

22
41

41-75/75/3.0 D 41-75/65/3.0 D

22
41

Channels ready-made delivered connected back to back, slipfree.

Self-assembly double channels (slot pattern 2) for 41/21/1.5 D

Channels can be connected back to back with M18 x 16 Hexagon Bolts spaced at 250 mm and at each channel end.

- ▲ Two channels with the same slot pattern can be connected to create a double channel.
- ▼ Self-assembly double channels (slot patterns 3 and 4) for all channel sizes from 41/41/2.0

Clamping Unit KL 1

25 Nm

Channels can be connected back to back with Clamping Units KL 1 spaced at 500mm and at each channel end.

Channel Cover 41

Channel Cover 41 for covering the opening of channels from dirt ingress e.g. clean rooms, food industry

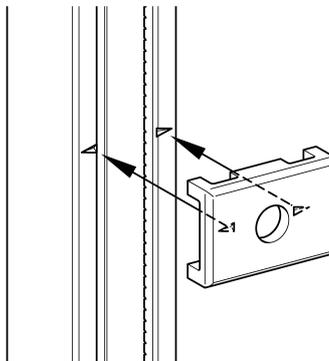
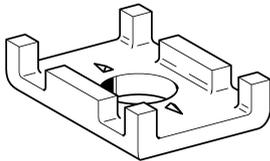
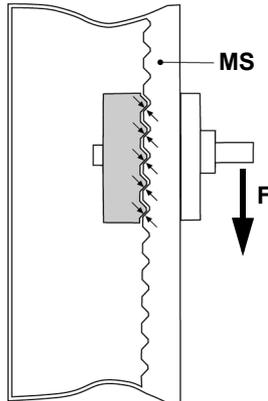
Note:

- ▶ Offcuts with a length up to 500 mm also have to be connected at each end.

Safe connections to the Channel System 41 range

Safe connecting elements

For vertically fixed channels or where lateral forces occur, safer connections are achieved by the specially developed interlocking geometry



Interlocking connecting parts provide optimum safety and higher vertical carrying capacities

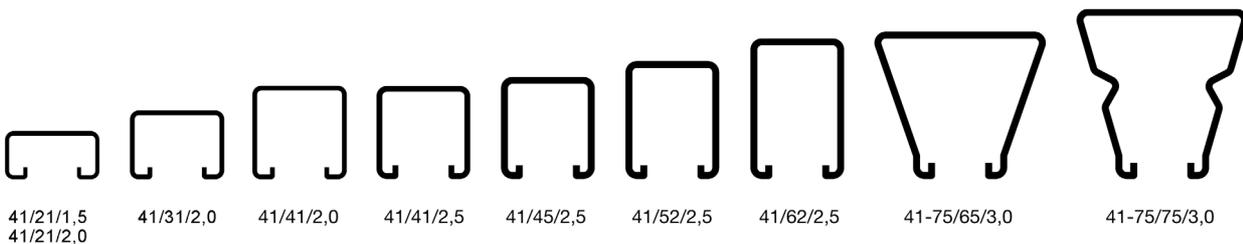
- ◆ The inner edges of the Sikla Channels in the 41 series are serrated, ideal for mounting Sikla serrated connecting elements.
 - Blockset CC 41
 - Block PB 41/PBH 41
 - T-Head Bolt TBO HZ 41
 - Speed Nut CC 41
 - Speed Nut 41
 - Speed Nut HZ 41
 - Adapter NT CC 41
DIN 3015.

- ◆ Holding Bracket HK 41: Positive locking to the channel edges prevent the channel from opening or bending under load.

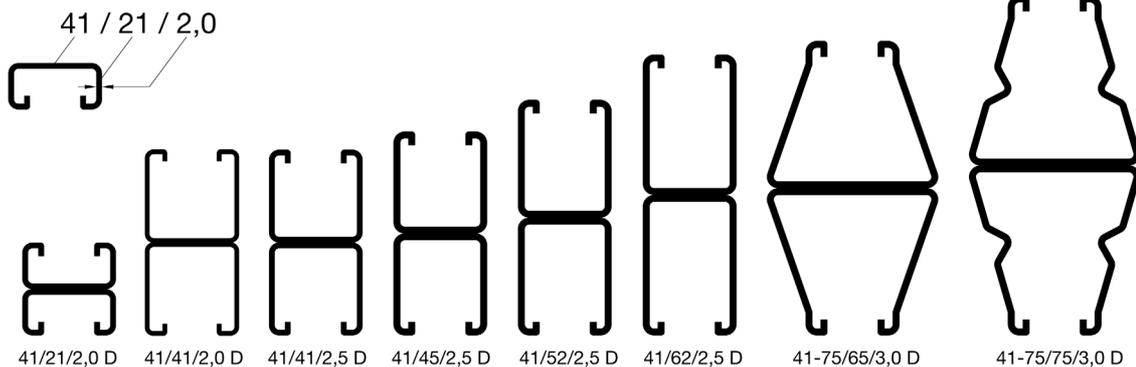
System 41



The Channel opening on all channels has a width of 22 mm, the same connecting elements can be used.



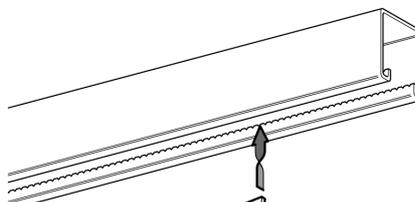
Channel sizing - designation of dimensions



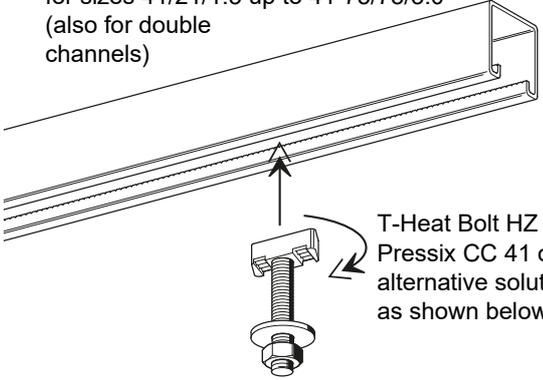
Connecting options, Channel 41

Options and Solutions

for sizes 41/21/1.5 up to 41-75/75/3.0
(also for double channels)

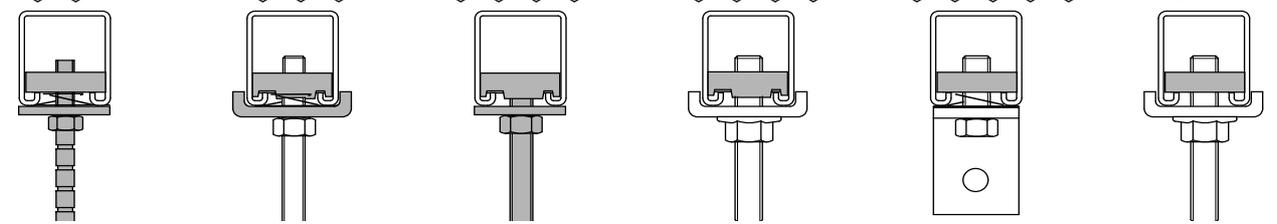


Blockset CC 41 or alternative solution as shown below



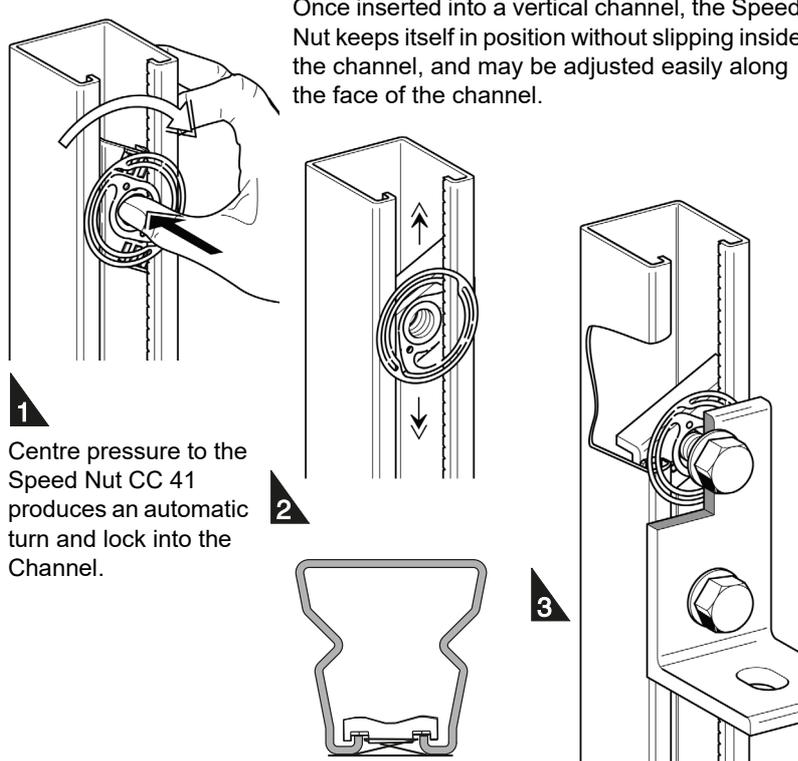
T-Head Bolt HZ 41, Pressix CC 41 or alternative solution as shown below

Pressix Blockset CC 41 (grooved rod incl.)	Pressix Block PB 41/PBH 41	T-Head Bolt HZ 41	Speed Nut HZ 41	Pressix CC Speed Nut CC 41	Speed Nut 41
8 10	8 10 12	8 10 12 16	8 10 12 16	6 8 10 12 16	8 10

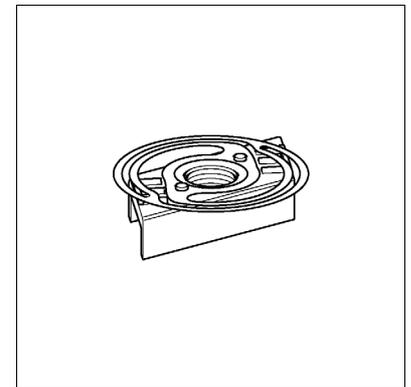


Speed Nut CC 41

Once inserted into a vertical channel, the Speed Nut keeps itself in position without slipping inside the channel, and may be adjusted easily along the face of the channel.



- Centre pressure to the Speed Nut CC 41 produces an automatic turn and lock into the Channel.
-
-



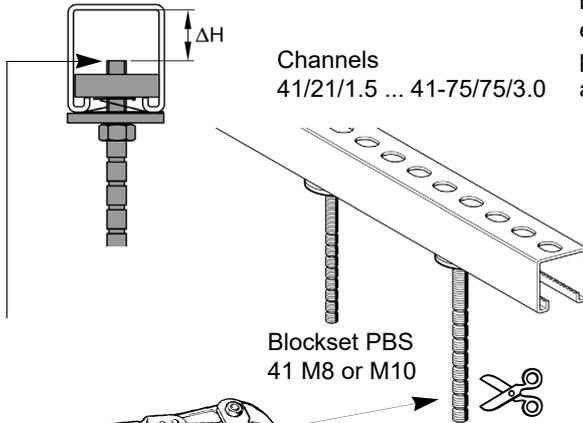
Advantages

- ◆ suitable for all Channels of the 41 series
- ◆ one-handed installation by pressing and automatic turn into the channel
- ◆ no special installation tools required
- ◆ can be combined with other system products
- ◆ adjusts freely within the channel without 'sticking' when sliding

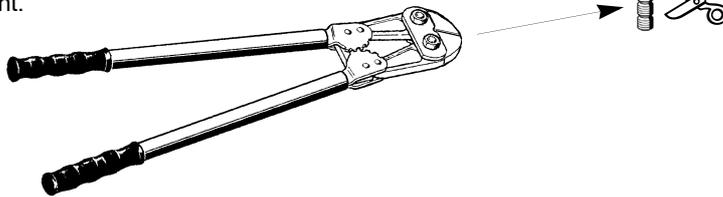
Flexibility and security using Blockset CC 41

Flexibility and security

Pre-assembled grooved rods can be adjusted in and out of the channel profile up to the point where they connect with the inner back of the channel profile. The rods cannot accidentally unscrew from the blockset as they are retained by the channel nut at minimum thread engagement.



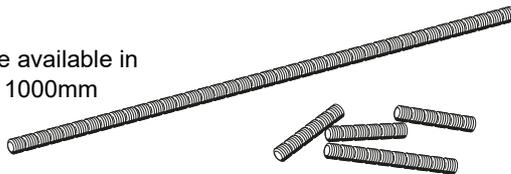
The Grooved Rod can be cut to length before or after fixing. The cutting grooves ensure the thread won't be damaged. The pipe clamps can be installed without additional deburring of the rod.



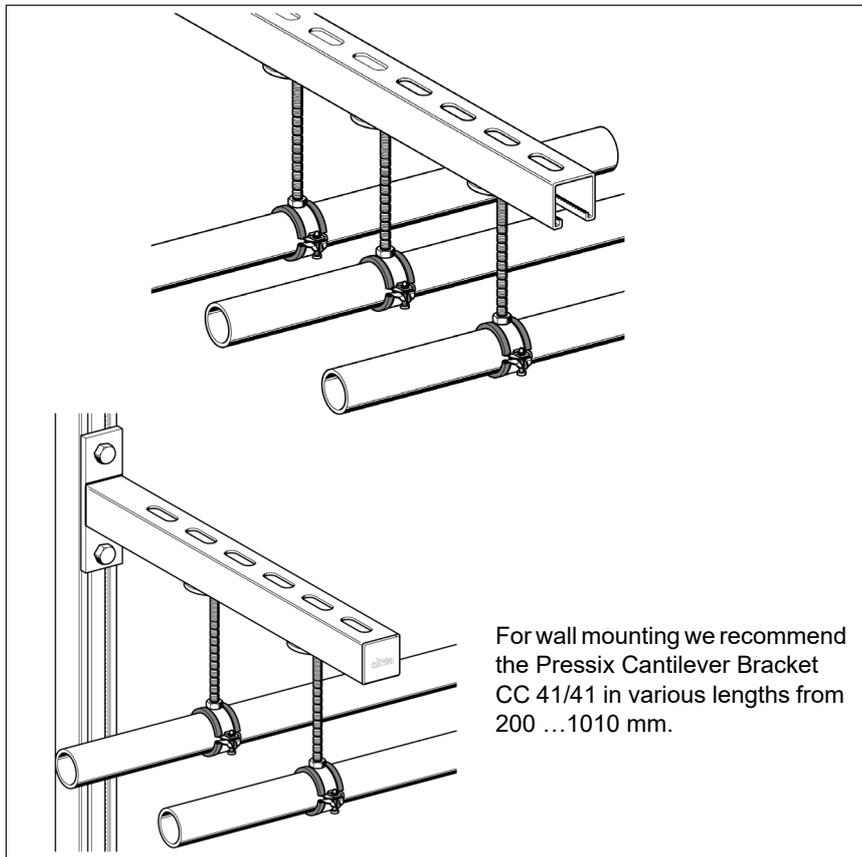
Attention!

► Rod Cutter CUT PBC 1 has been developed especially for cutting Grooved Rod GES PNS M8 and M10. It shouldn't be used for anything else.

Pressix Grooved Rods are available in incremental lengths up to 1000mm



Off-cuts can be used as further threaded studs rather than discarded.



For wall mounting we recommend the Pressix Cantilever Bracket CC 41/41 in various lengths from 200 ...1010 mm.

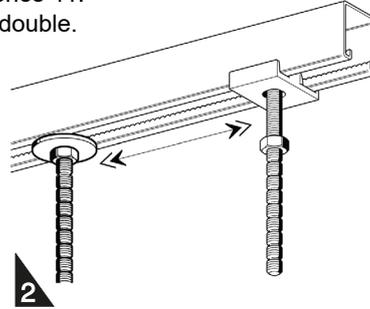
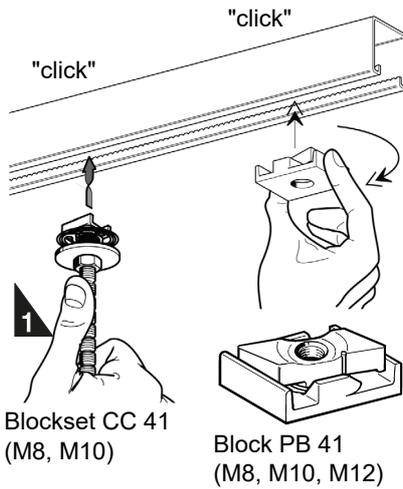
Advantages using of Pressix:

- ◆ less parts
= less orders
= less searching
= less confusion.
- ◆ Installation without electricity and without special tools.
- ◆ Pipe supports are generated in just a few easy steps. Apart from the fact that it saves you time and the bother with small parts, it also is amusing!

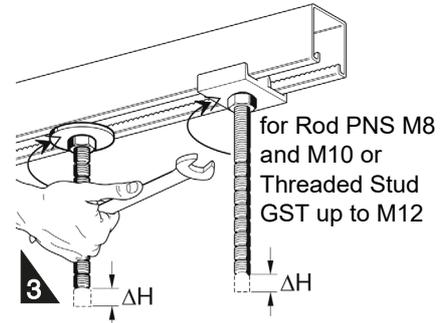
Blockset PBS 41 and Block PB 41/PBH 41

Installation

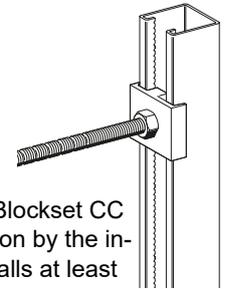
Blockset PBS CC 41 and Block PB 41 (alternatively Block PBH 41) can generally be used in all Channels series 41: 41/21/1.5 up to 41-75/75/3.0 single and double.



The Blockset CC 41 fixes itself automatically into the channel. Rotating by 90°, the integrated Channel Nut slides into the channel. Both block and channel nut are still adjustable in the channel.

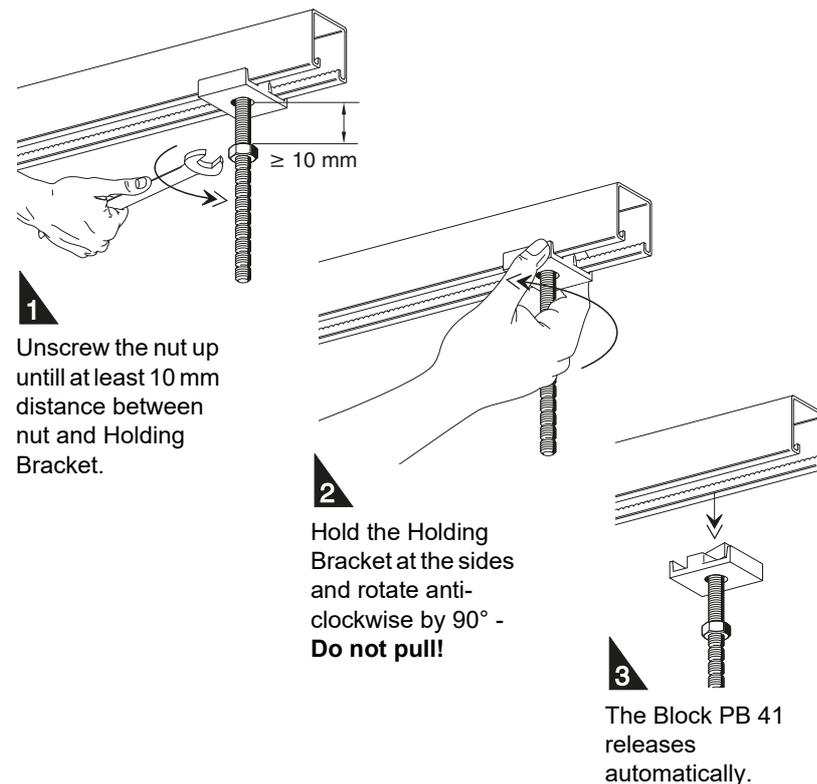


After finally positioning the Block/ Blockset by
 - sliding it sidewise inside the Channel and
 - height adjustment
 the Nut can be fixed.



Advantage when mounting to walls: Blockset CC 41 and Block PB 41 are held in position by the integrated spring. For suspending to walls at least M10 is to be used.

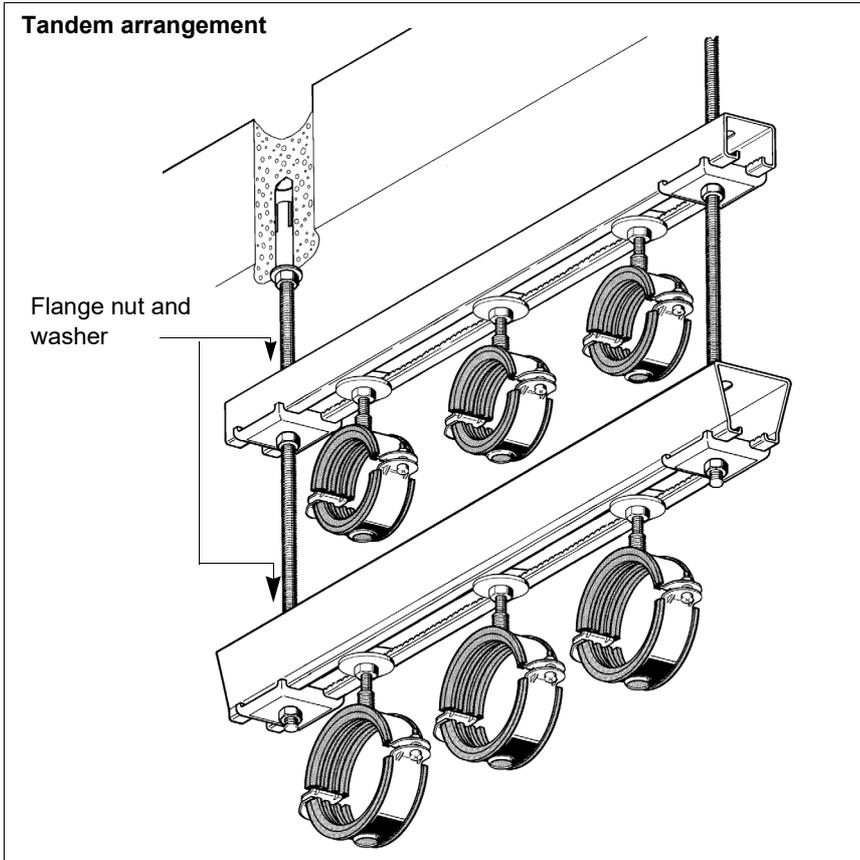
Removal of Block PB 41



Advantages:

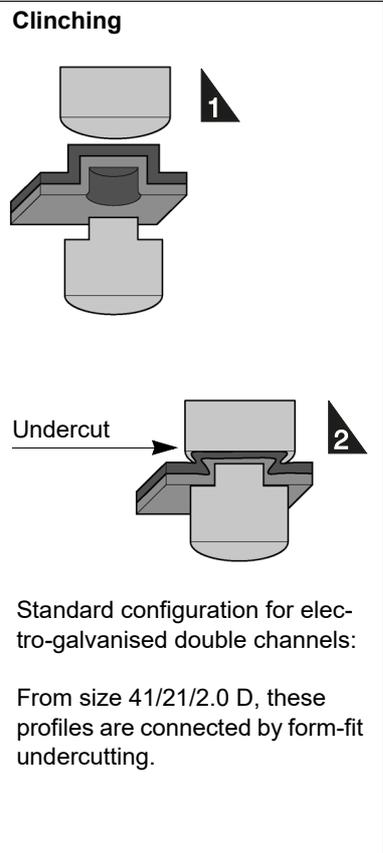
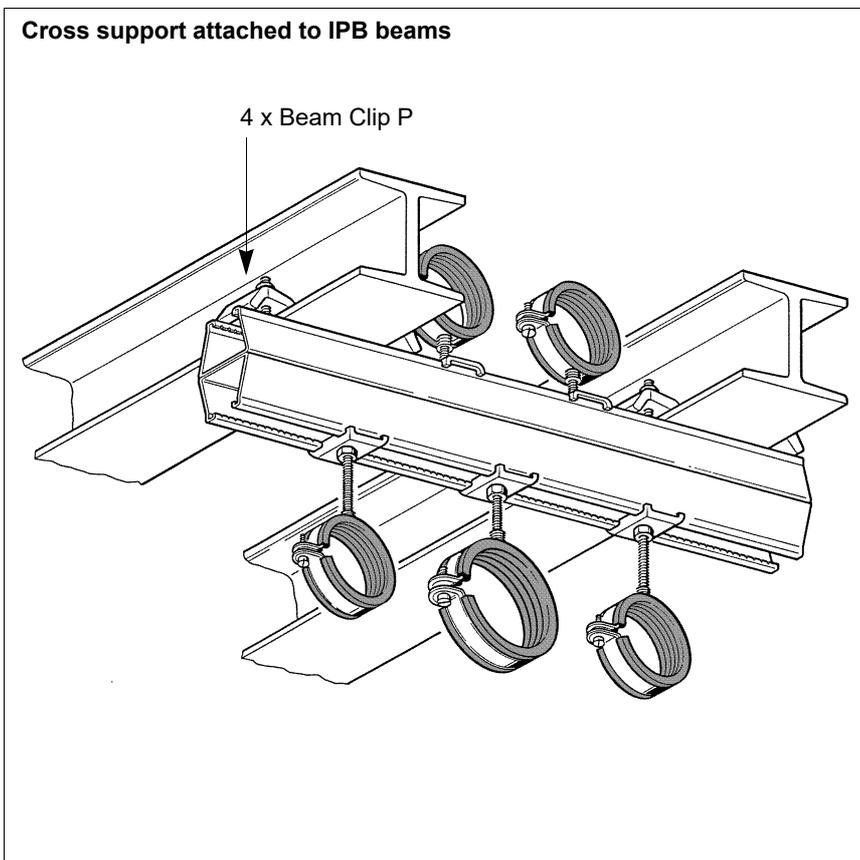
- ◆ Easy installation and removal without the need for special tools
- ◆ When installed to vertical channels, block is self-supporting but remains adjustable
- ◆ Combine with Pressix rods, bolts or other threaded parts to complete the assembly
- ◆ The use of Blockset CC 41 reduces the installation time even further, so use CC41 instead of PB41 where possible

Application examples for single and double channels



Note:

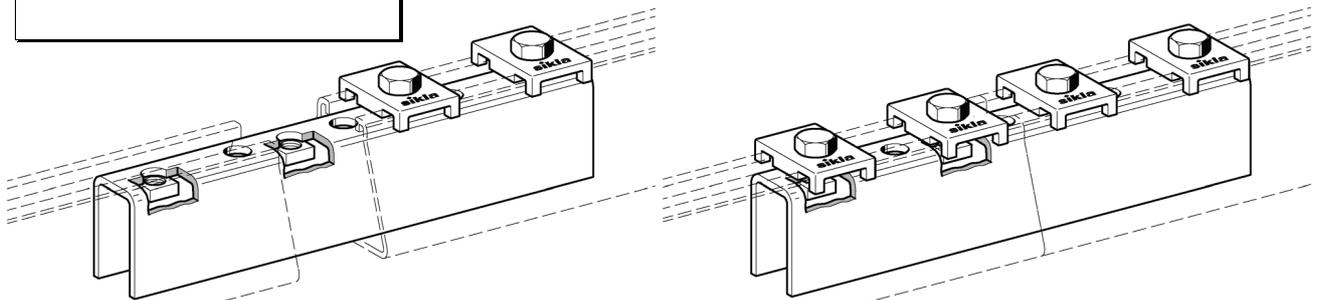
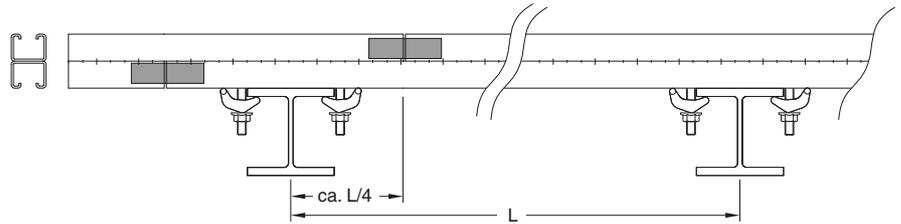
► This arrangement requires careful selection of anchors and appropriate threaded rods!



Channel Connector SK

Note:

► The joining of double channels together requires 2 channel connectors.
When used over longer channel lengths, the connector positions should be staggered as shown in the diagram.

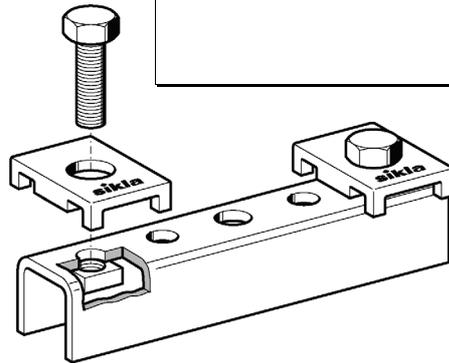


1

2

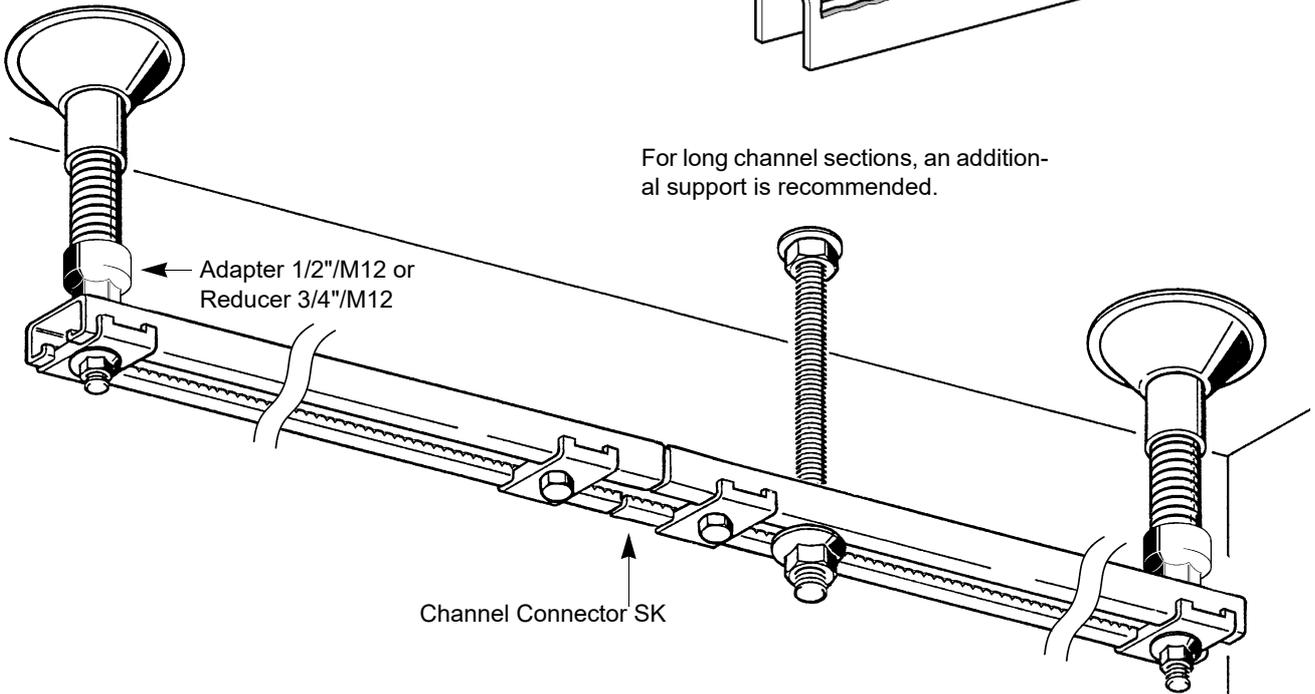
Note:

► Delivered with Holding Brackets and Hexagon Bolts.



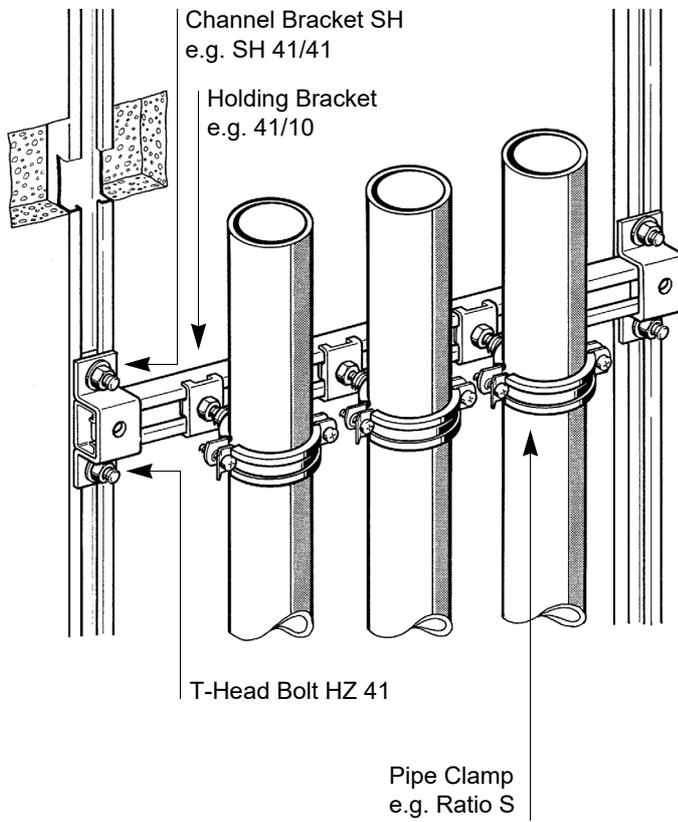
It is recommended to use rigid supports.
e.g. Support Cone SMD 1 - 1/2" or SMD 1 - 3/4"

For long channel sections, an additional support is recommended.

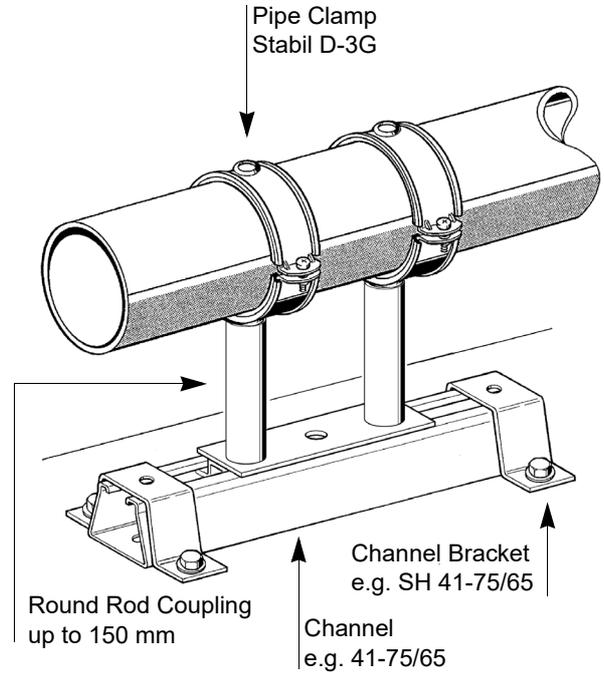


Channel Bracket SH

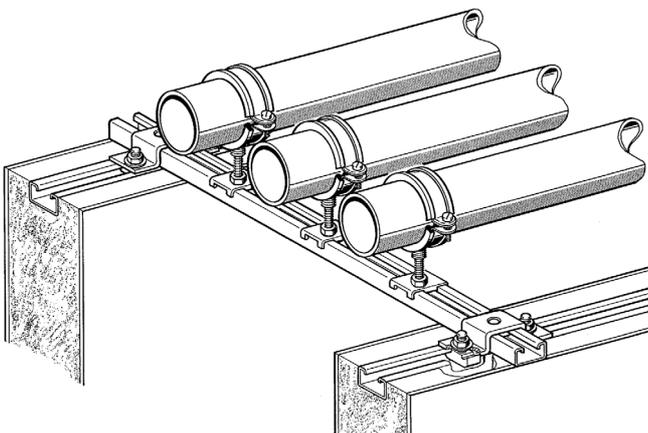
Pipeline running vertically fixed to cross-bar



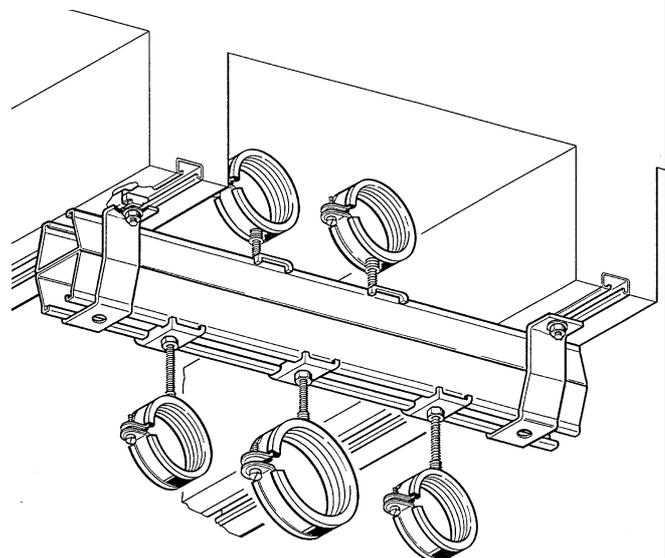
Fixing to the floor using channel and slide arrangement



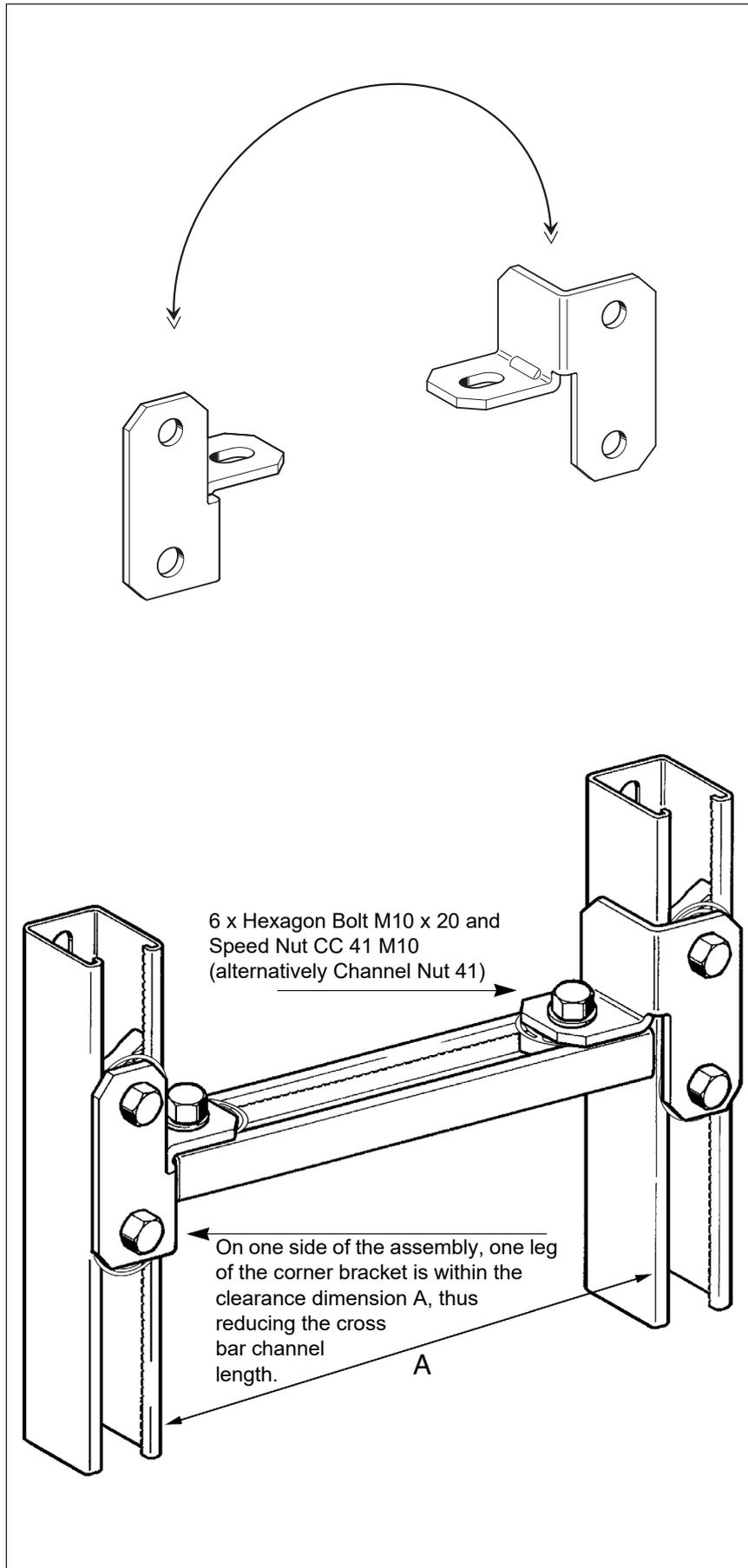
Crossbar arrangement fixed to cast-in channel



Crossbar arrangement fixed to cast-in channel



Corner Bracket EW for Cross Supports

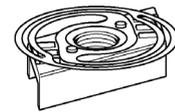


Corner Brackets are suitable for all Channels with a width of 41mm. They enable a cross bar to be formed with the open slot at a 90 degree axis to the supporting channels.

Brackets can be used symmetrically on both sides to form the cross bar.

The use of 6 Speed Nuts CC 41 M10 optimises the assembly.

Speed Nut CC 41



Note:

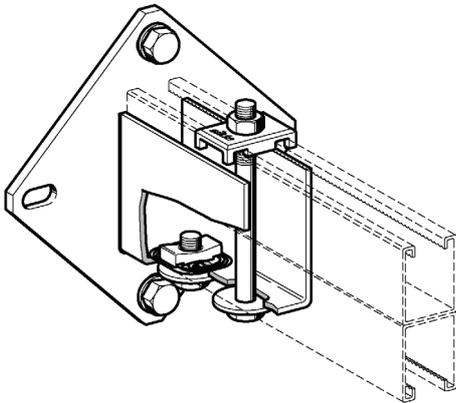
- ▶ Length of the Channel = $A - 10 \text{ mm}$

Wall, Floor and Ceiling suspension of Channels with End Support WBD

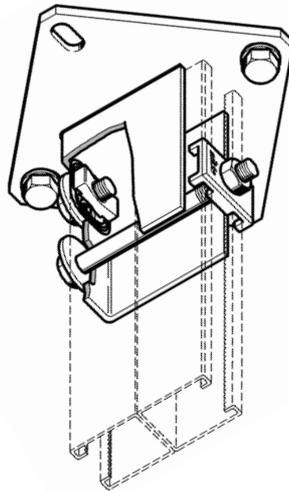
Application examples for double Channels in the 41 series (41/21/1.5 D, ..., 41-75/75/3.0 D)

All components necessary for the complete channel assembly to the end support are included.

Wall suspension



Ceiling suspension



In case the slot at the end of the Channel is blocked by a Clamping Unit KL1, the suspension must be constructed by using Channel Nut CC 41 and Hexagon Bolt.

Please refer to the data sheets in our catalogue for permissible Anchor loads. The data given is applicable for two Anchors arranged in the direction of the force (see wall suspension suggestions).

Connecting parts for fixing the End Support WBD to the building structure is to be ordered separately.

In case of ceiling suspension it has to be considered that the anchors chosen, should be able to carry the total load.

- Weight of the pipelines
- Weight of the structure
- Thrust of the pipes.

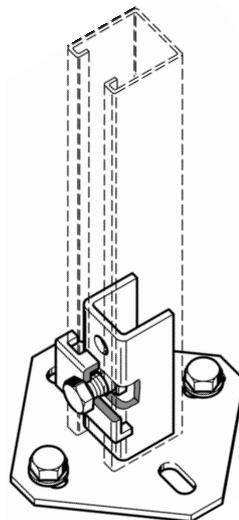
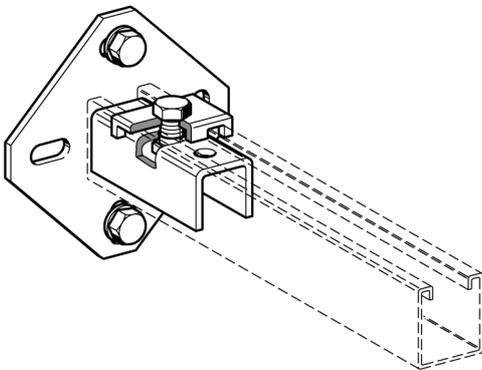
Caution!

- ▶ For safety reasons, at least one bolt must be deadlocked to ensure a secure hold to the ceiling.

Application examples for single Channels in the 41 series (41/21/1.5, ..., 41-75/75/3.0)

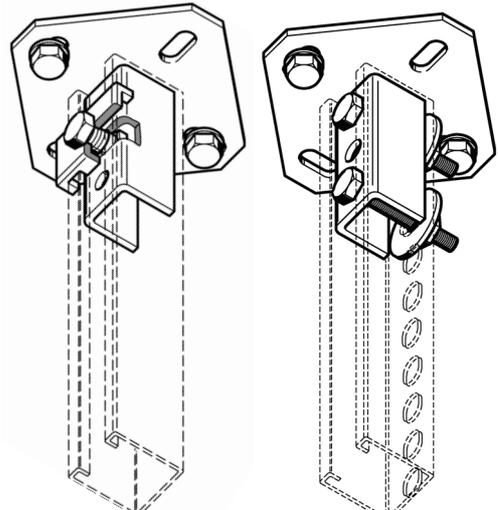
All components necessary to complete the channel assembly using holding brackets HK, are included.

Wall suspension



Floor suspension

Ceiling suspension (anchor loads are to be considered)



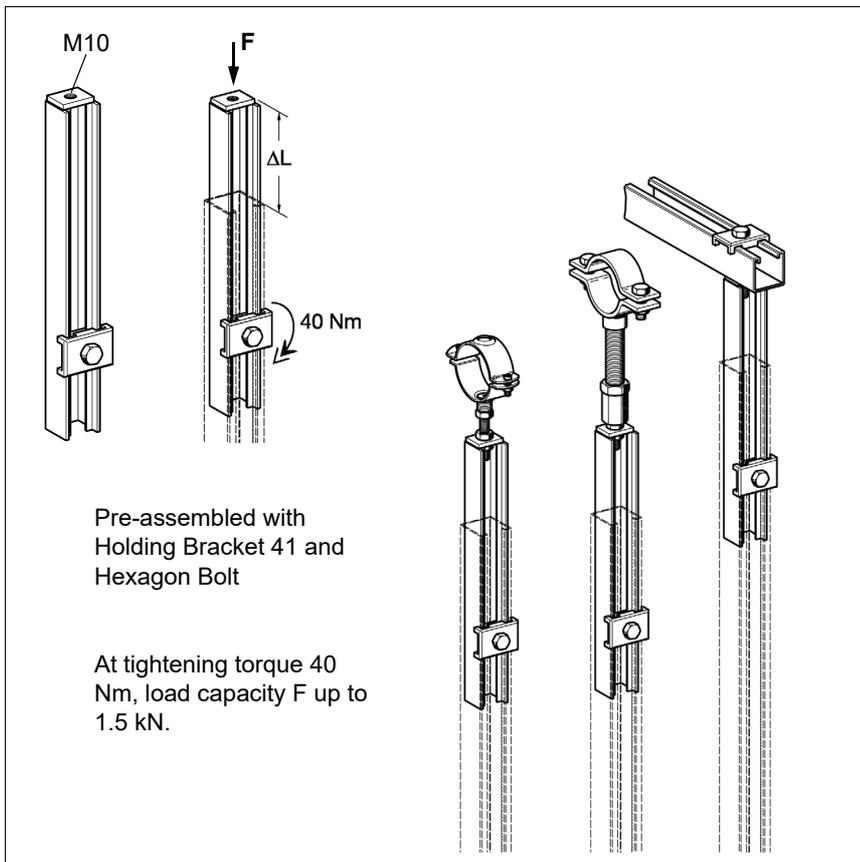
2 kN

Holding Bracket HK 41 installed according to the regulations, a load of max. 2 kN is bearable.

7 kN

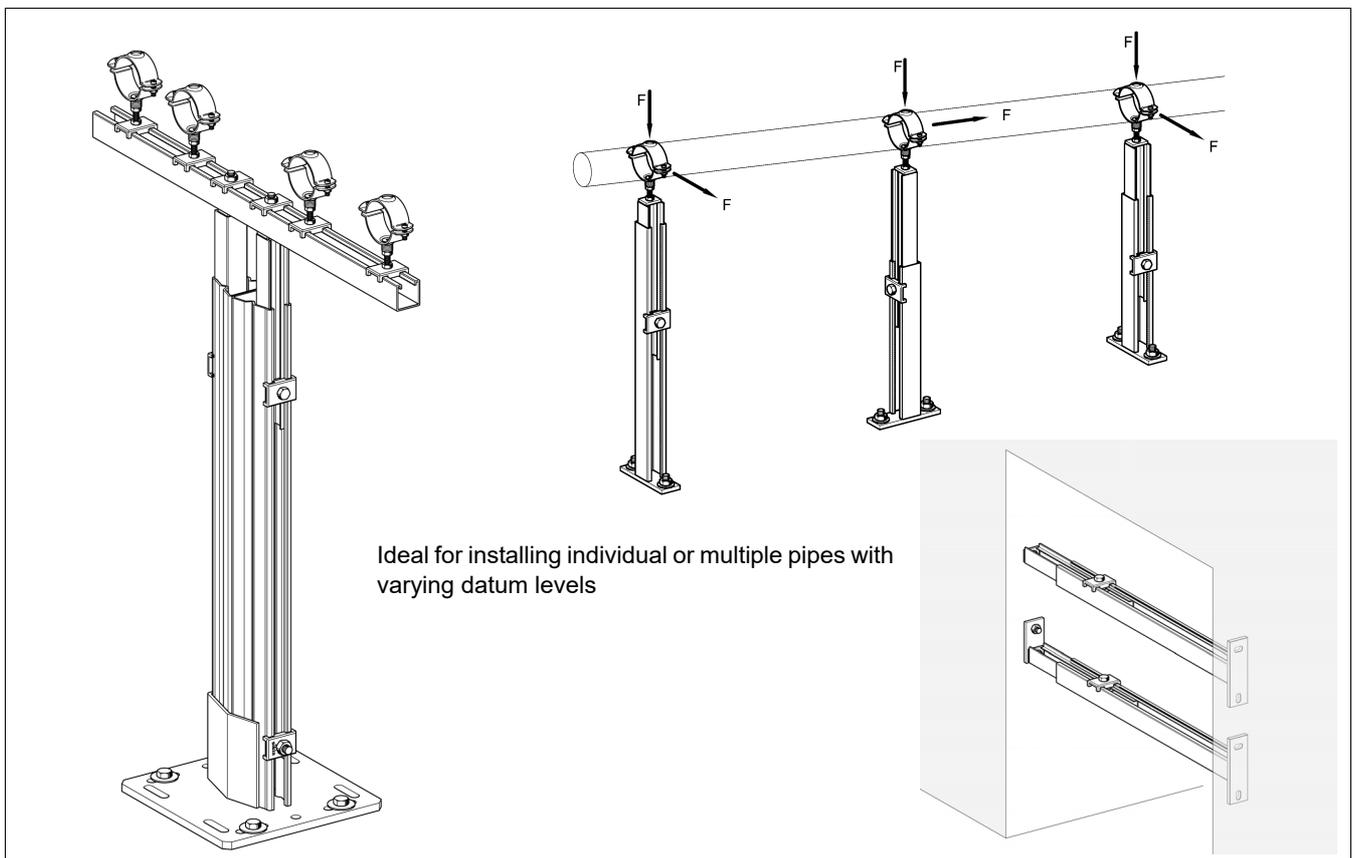
When installed with at least one through-bolt, a load of up to 7kN is permissible. Bolted parts have to be ordered separately.

Channel Extension ST 41



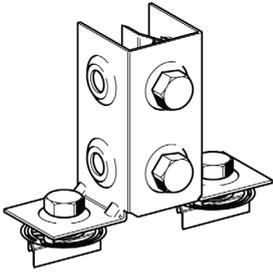
Continuous extension for Cantilever Brackets and Channels in series 41 (Channel height S 41 mm):

- ◆ Adjustable up to 200mm in the case of pipe gradients and falls, or compensation of dimensional tolerances on site
- ◆ Suspension of pipe lines using Grub Screw M10 or Adapter
- ◆ Face fixing to channels using Holding Bracket 41 and Hexagon Bolt M10
- ◆ 'Telescopic' effect of channel extension ST 41 allows cross-bars to be built into structural opening within corridors and risers and secured using Bolt Anchors Z Plus 10/30

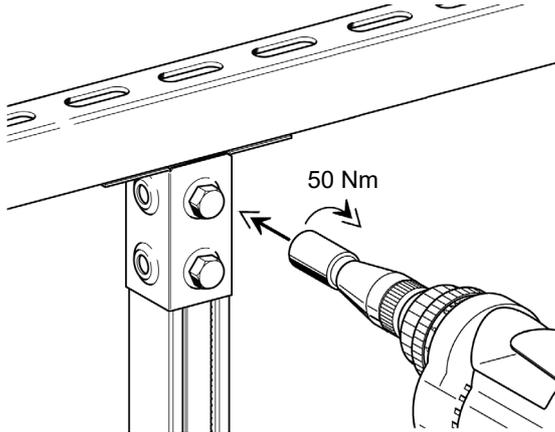


Angle Connector CC-2 used as channel connector or for fixing to building structure.

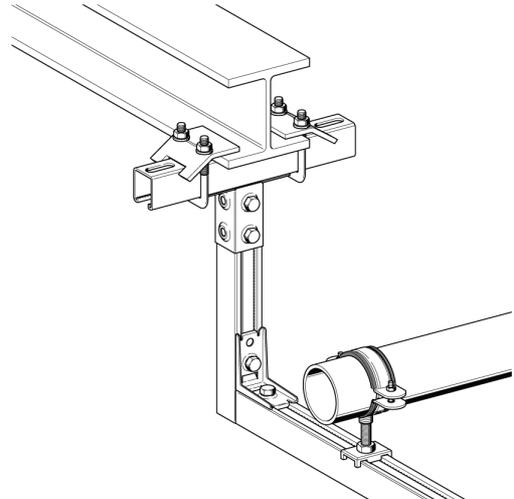
Angle Connector CC-2 as channel connector



Used for linking channels of the 41 series at an angle of 90 degrees

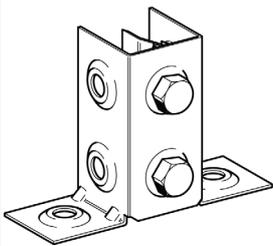


serrated edge Channel Nuts ensure a positive form-lock making the connector resilient up to 3kN

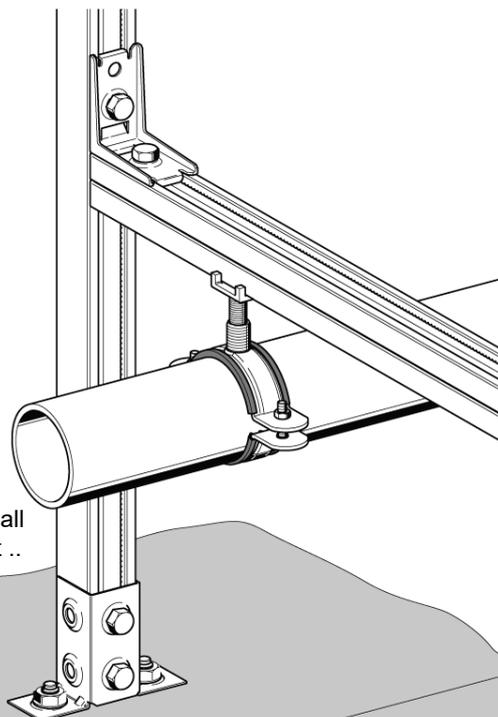


In combination with Angle Connector CC 41 Stabil 90°, suitable to create three-dimensional frame structures, by modifying the connectors, channel orientation can be changed

Angle Connector CC 41-2 W - fixing to the building structure



Drill hole for fixing M10



Functions as a small WBD End Support ..

Prominent features of Angle Connector CC 41-2

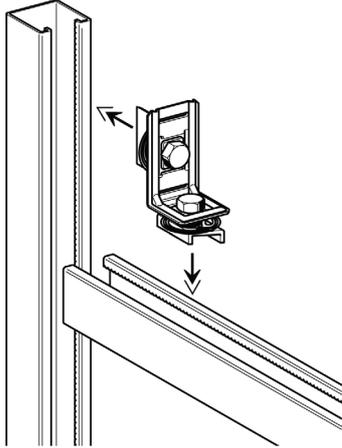
- ◆ Solid format and high rigidity.
- ◆ Fast installation by pressing on the pre-assembled bolt heads to lock into the channels.
- ◆ Locks automatically when installed in place, and supports its own weight to prevent slip of the connector within the channel, prior to torquing the bolt heads.
- ◆ The connection offers high torsional rigidity.

Angle Connector CC 41 and Flat Fittings CC for frame structures

Fixing of Angle Connector CC 41-90° (alternatively Angle Connector CC 41 Stabil or Type "W" for wall suspension)

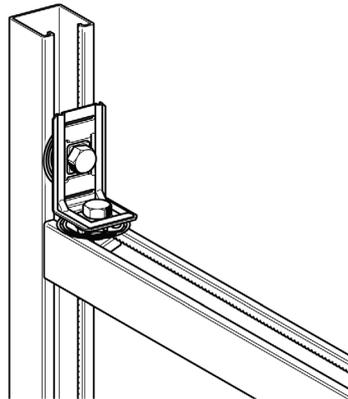
1

Place the Channel in the desired position, put the pre-assembled connection element in place by pressing on the bolt head.



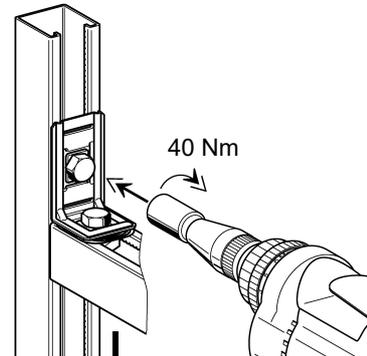
2

Serrated edge Speed Nuts CC41 will automatically lock and support the self-weight of the cross bar.



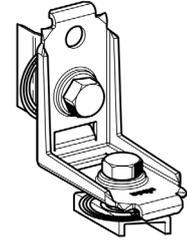
3

Torque down - ready fixed!

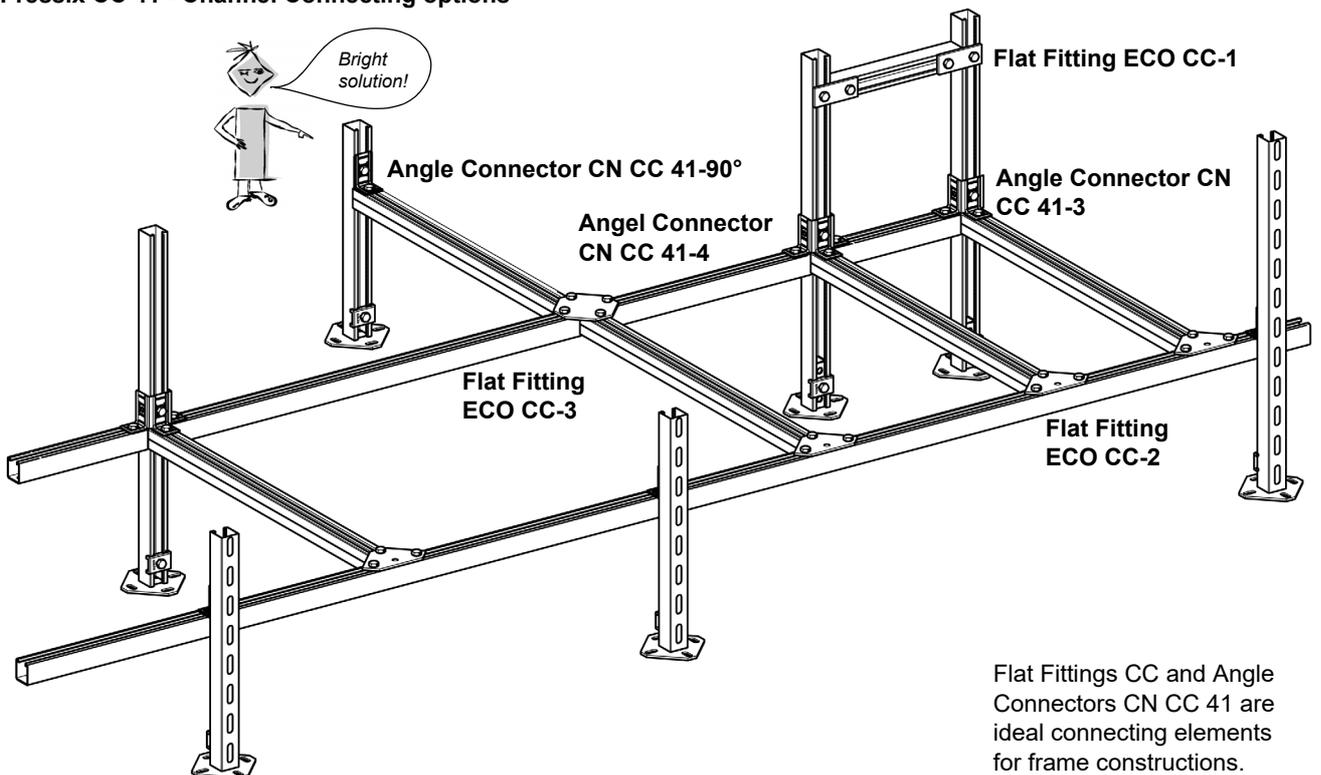
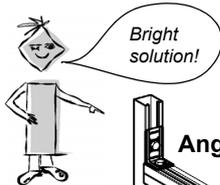


40 Nm
Cross bar loading up to 2kN in shear on face of adjoining vertical channel

Angle Connector CC 41 Stabil



Pressix CC 41 - Channel Connecting options

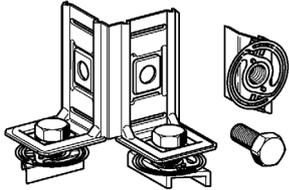


Flat Fittings CC and Angle Connectors CN CC 41 are ideal connecting elements for frame constructions.

Angle Connector CN CC 41 for assembly of frames

Angle Connector CN CC 41-3

used to establish a junction with 3 Channels



1

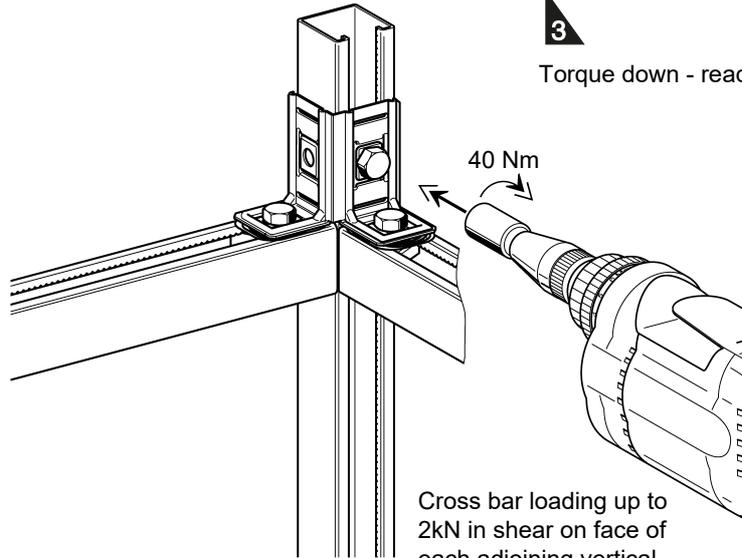
Place the Channel in the desired position, put the pre-assembled connection element in place by pressing on the bolt head.

2

Serrated edge Speed Nuts CC41 will automatically lock and support the self-weight of the cross bars.

3

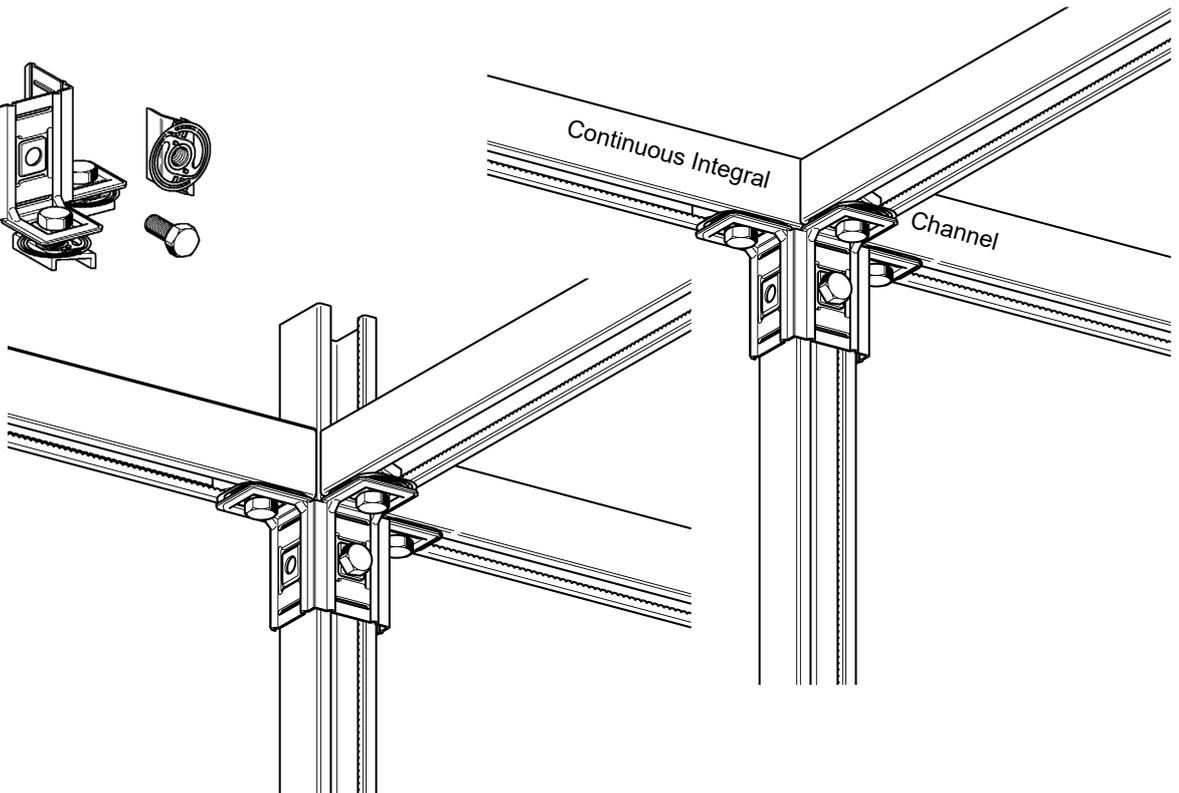
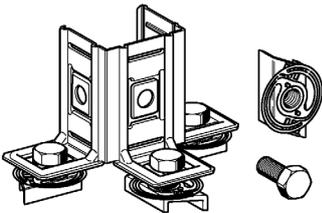
Torque down - ready fixed!



Cross bar loading up to 2kN in shear on face of each adjoining vertical channel.

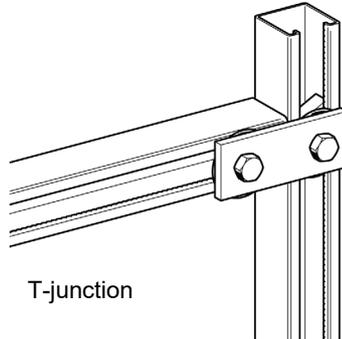
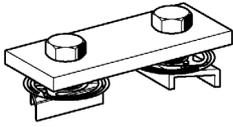
Angle Connector CN CC 41-4

used to establish a junction with 4 Channels

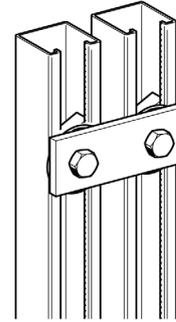


Flat Fitting ECO CC for frame assembly

Flat Fitting ECO CC-1



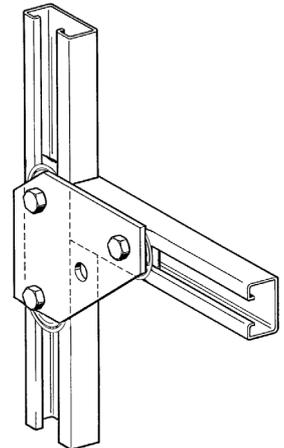
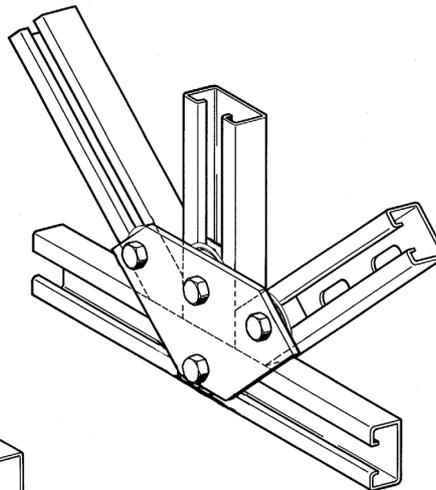
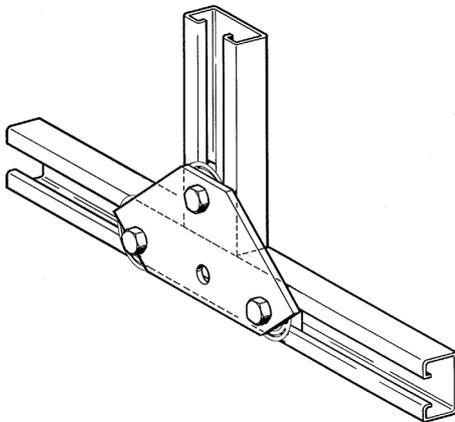
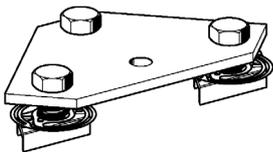
T-junction



parallel connection

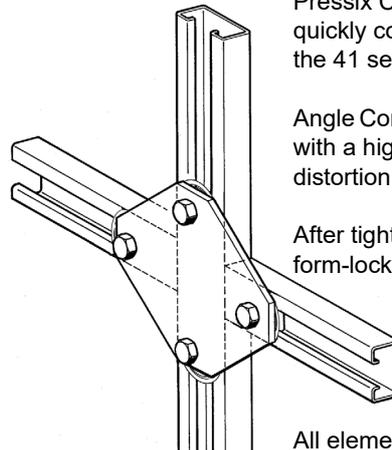
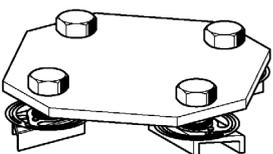
Flat Fitting ECO CC-2

used to establish a junction with at least 2 Channels



Flat Fitting ECO CC-3

used to establish a junction with 3 Channels



Pressix CC pre-assembled Flat Fittings for quickly connecting two or more channels of the 41 series.

Angle Connectors Pressix CC are constructed with a high torsional stiffness to avoid distortion during installation and operation.

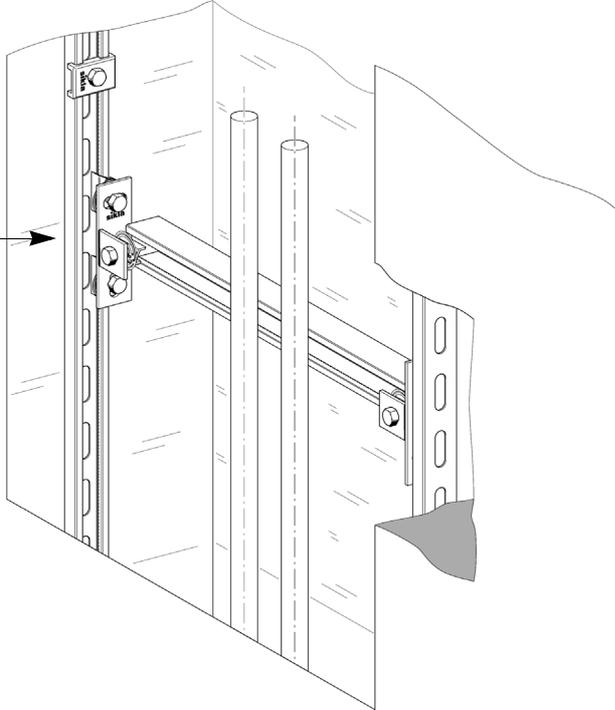
After tightening all the bolts, a positive form-lock connection to the channels is made.

All elements are removable.

T-Bracket set MOS CC and Support Bracket CC for cross bar installation

Installation to Risers

Fitting Set MOS CC - MV 41 complete with Speed Nut CC 41 and Hexagon Bolt



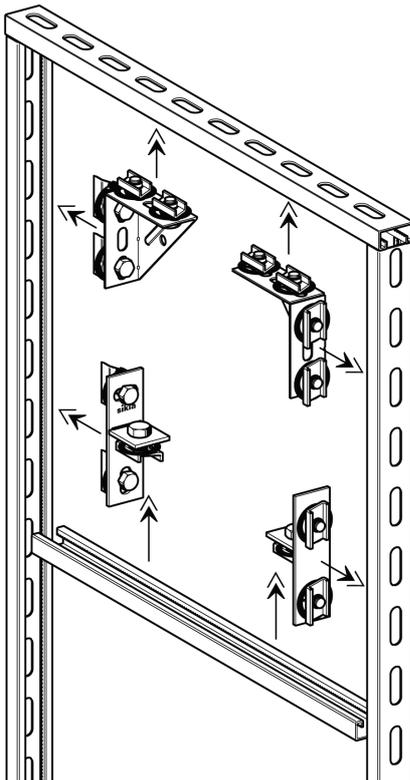
Assembly:

1. Connect T-Bracket sets MOC CC-MV 41 into vertical channels
2. Connect horizontal channel into T-Bracket MOS CC-MV 41
3. Adjust and tighten all connections

Note:

► *T-Bracket Set MOS is suitable only when installed at both ends of the channel cross bar.*

Frame mounting



Order with Pressix CC parts

- ◆ Channel
- ◆ Support Bracket CC
- ◆ T-Bracket set MOS CC-MH 41

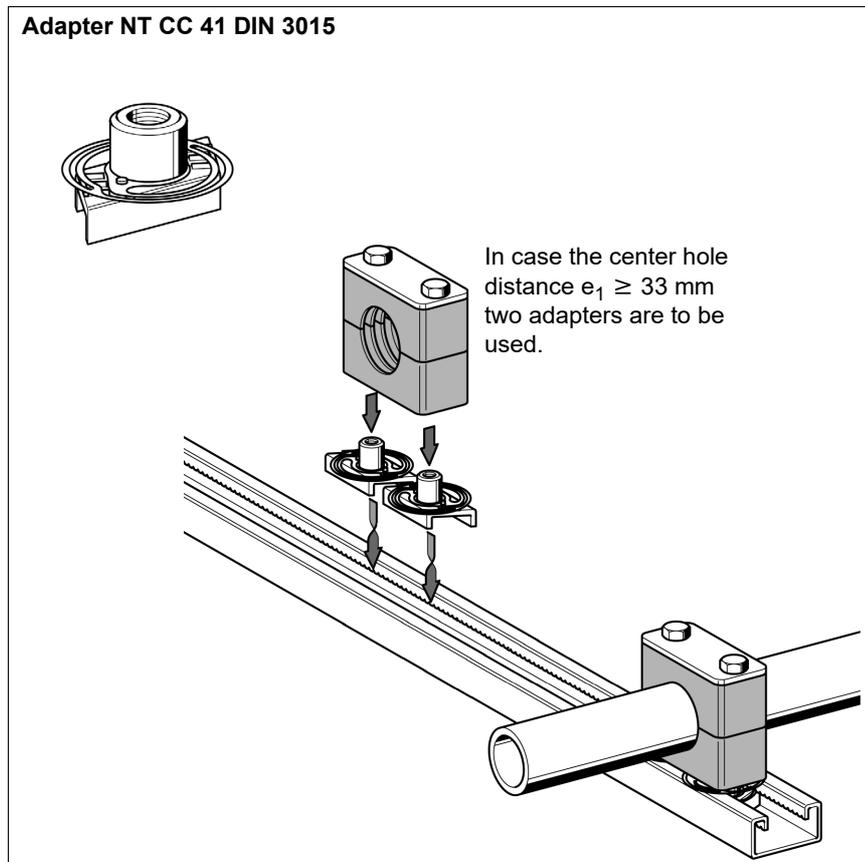
Compared to ordering with conventional products

- ◆ Channel
- ◆ Support Bracket
- ◆ Fitting Set
- ◆ Channel Nut
- ◆ Washer
- ◆ Hexagon Bolt

All threaded parts pre-assembled to Pressix CC products resulting in faster installation, and also fewer components to get lost on site or in the workshop.

No headaches with calculating the correct size of threaded bolt or channel nut to fit the bracket components as Pressix CC parts have the correct connecting parts pre-assembled.

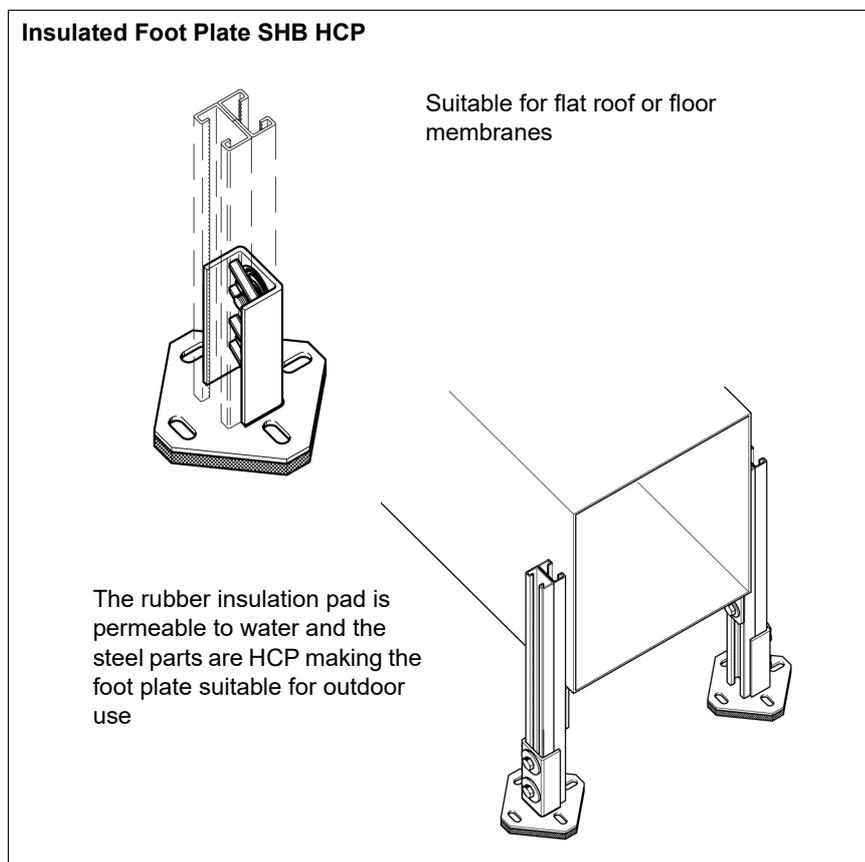
Adapter and Insulated Foot Plate



Advantages

Especially in cases where the fixing spot is difficult to access, adapter NT CC 41 enables a secure suspension of Tube Clamps acc. DIN 3015 (light and heavy duty)

By pressing, the adapter turns into place in the channel opening, staying adjustable till the holding bracket has been fixed securely.



Advantages

Complete foot plate unit including insulation pad, can be used for assembly of frames on flat roofs with non-penetrable membranes.

Suitable to assemble frames made from Pressix 41 channels up to 62mm profile depth.

Various footplate sizes enable the correct load spread onto the roofing material.