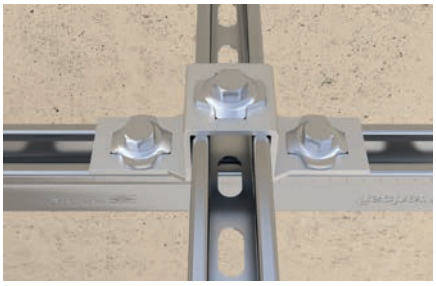
Push-through connector PFCN

Push-through connector for the quickest and easiest connection of FUS profiles



Cross connection on channel

Cantilever with saddle flange

Applications

- Connection of FUS channels and construction elements by push-through principle.
- Universal fitting for all push-through connection elements and FUS profiles.
- For use in dry interior areas.

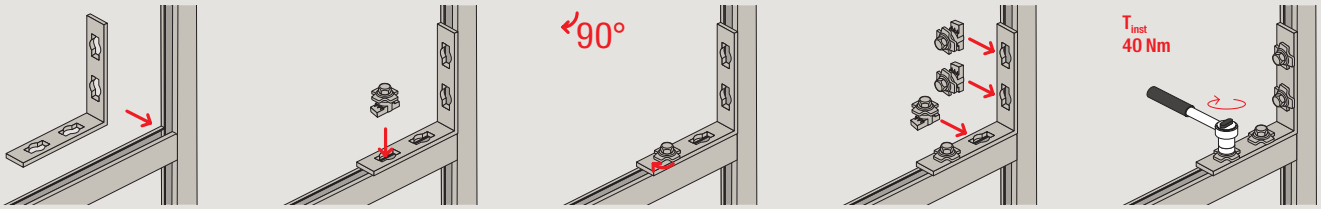
Advantages

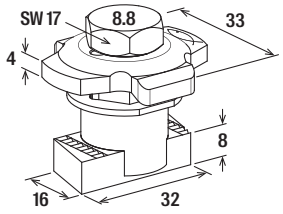
- The correct fit of the push-through connector and connection elements allows the quickest and easiest channel connection.
- The spring effect of the PFCN in set state guarantees a simple and precise positioning in the channel.
- The serration on the push-through connector provides a secure hold in the FUS channel.
- Installation by rotating 90° enables generally the post-installation in set channels.

Properties

- Material cap: steel DD11 (material no. 1.0332) acc. to DIN EN 10111
- Material sliding nut: steel S420MC, EN 10149-2
- Material hexagon screw: 8.8 M10x28, DIN 933
- Material plastic parts: polypropylene
- Zinc plating: electro zinc-plated

Installation PFCN

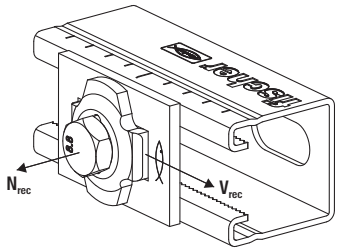




PFCN

Technical data

	Item no.	Thread A	Sales unit [pcs]
Item			
PFCN 41	533739	M10	50



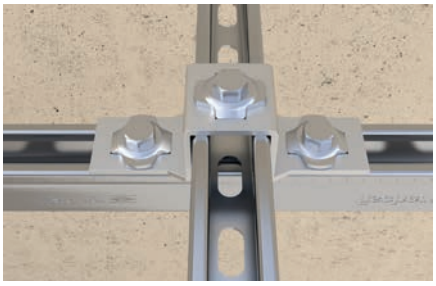
PFCN

Loads

	Item no.	Max. recommended tension load for FUS 1,5 mm N_{rec} [kN]	Max. recommended tension load for FUS 2,0 mm N_{rec} [kN]	Max. recommended tension load for FUS 2,5 mm N_{rec} [kN]	Max. recommended shear load for FUS 1,5 mm V_{rec} [kN]	Max. recommended shear load for FUS 2,0 mm V_{rec} [kN]	Max. recommended shear load for FUS 2,5 mm V_{rec} [kN]	Tightening torque for screw grade ≥ 8.8 T_{inst} [Nm]	Sales unit [pcs]
Item									
PFCN 41	533739	4.0	5.0	7.0	4.0	4.5	5.0	40	50

Push-through connector PFCN 41 zl

Push-through connector for the quickest and easiest connection of FUS profiles



Cross connection on channel

Cantilever with saddle flange

Applications

- Connection of FUS channels and construction elements by push-through principle.
- Universal fitting for all push-through connection elements and FUS profiles.
- For indoor and outdoor application.

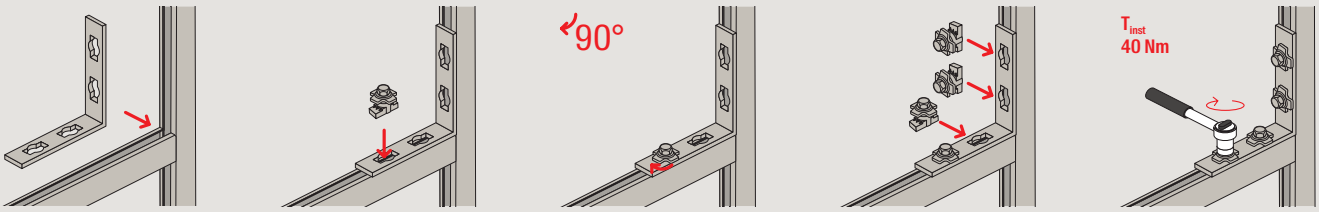
Advantages

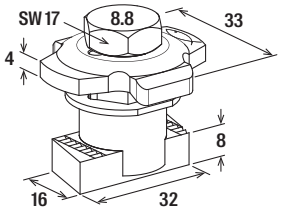
- The correct fit of the push-through connector and connection elements allows the quickest and easiest channel connection.
- The spring effect of the PFCN in set state guarantees a simple and precise positioning in the channel.
- The teeth on the push through connector provide a secure hold in the FUS channel.
- Installation by rotating 90° enables generally the post-installation in set channels.

Properties

- Material cap: steel DD11 (material no. 1.0332) acc. to DIN EN 10111
- Material sliding nut: steel S420MC, EN 10149-2
- Material hexagon screw: 8.8 M10-28, DIN 933
- Material plastic parts: polypropylene
- Coating: zinclamella

Installation PFCN

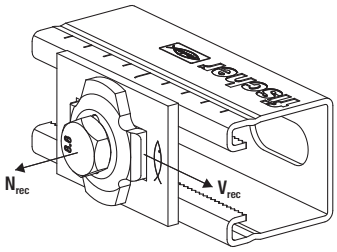




PFCN

Technical data

	Item no.	Thread A	Sales unit [pcs]
Item			
PFCN 41 zl	**542733**	M10	50



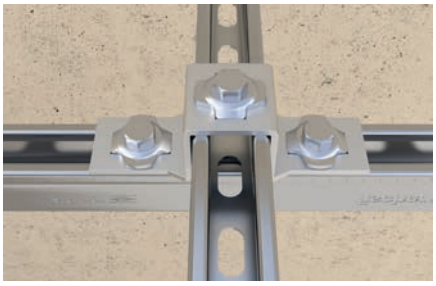
PFCN

Loads

	Item no.	Max. recommended tension load for FUS 2,0 mm N_{rec} [kN]	Max. recommended tension load for FUS 2,5 mm N_{rec} [kN]	Max. recommended shear load for FUS 2,0 mm V_{rec} [kN]	Max. recommended shear load for FUS 2,5 mm V_{rec} [kN]	Tightening torque for screw grade ≥ 8.8 T_{inst} [Nm]	Sales unit [pcs]
Item							
PFCN 41 zl	**542733**	5.0	7.0	4.0	4.0	40	50

Push-through connector PFCN 41 A4

Push-through connector for the quickest and easiest connection of FUS profiles



Cross connection on channel

Cantilever with saddle flange

Applications

- Connection of FUS channels and construction elements by push-through principle.
- Universal fitting for all push-through connection elements and FUS profiles.
- For indoor and outdoor applications and in environments with high stress to components due to corrosion.

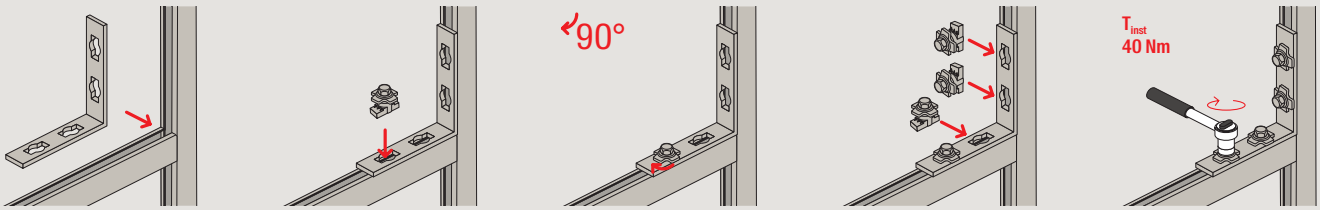
Advantages

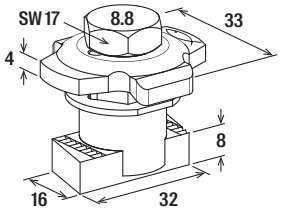
- The correct fit of the push-through connector and connection elements allows the quickest and easiest channel connection.
- The spring effect of the PFCN in set state guarantees a simple and precise positioning in the channel.
- The serration on the push-through connector provides a secure hold in the FUS channel.
- Installation by rotating 90° enables generally the post-installation in set channels.

Properties

- Material cap: stainless steel A4 (material no. 1.4401)
- Material sliding nut: stainless steel A4 (material no. 1.4401)
- Material hexagon screw: stainless steel A4 (material no. 1.4401)
- Material plastic parts: polypropylene

Installation PFCN

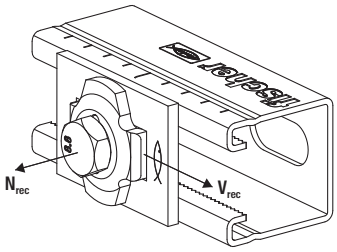




PFCN

Technical data

	Item no.	Thread A	Sales unit [pcs]
Item			
PFCN 41 A4	**562662**	M10	25



PFCN

Loads

	Item no.	Max. recommended tension load for FUS 2,0 mm N_{rec} [kN]	Max. recommended tension load for FUS 2,5 mm N_{rec} [kN]	Max. recommended shear load for FUS 2,0 mm V_{rec} [kN]	Max. recommended shear load for FUS 2,5 mm V_{rec} [kN]	Tightening torque for screw grade ≥ 8.8 T_{inst} [Nm]	Sales unit [pcs]
Item							
PFCN 41 A4	**562662**	5.0	7.0	4.5	5.0	40	25