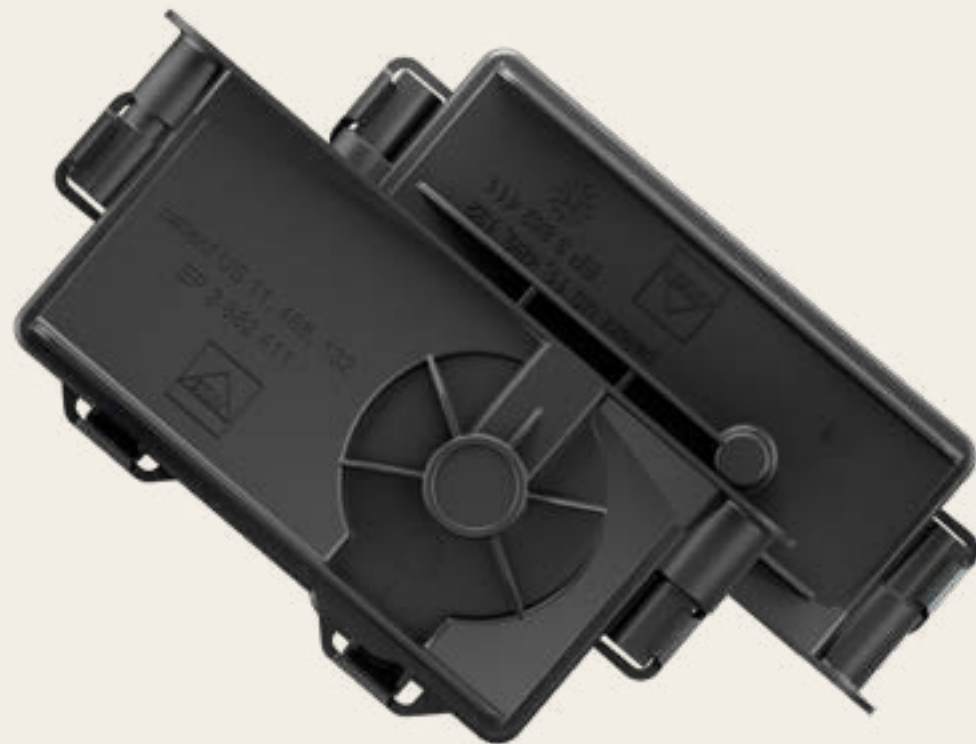




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# SIMPLOX

PRODUCT DATA-SHEET



# The revolutionary panel fastener.

Small innovations - big effects.



## No masking required

for foaming thanks to protective skin technology



## Patented technologies

The self-opening protective skin technology and ventilation function are patented technologies



## Reliable ventilation

ensures minimal air pockets during the foaming process - for best possible insulation values



## Locked in one go

The entire span of the Allen key, from insertion to the end position, is only a maximum of 180°



## Easy to assemble

SIMPLOX enables faster, easier, and more precise installation than ever before



## Tensile up to 2.500 N

force on the hook, equivalent to 250 kg (in the foamed state)



## Cost saving

Faster installation and assembly for efficient and economical production processes



## Durable

Corrosion-resistant and durable materials for sustainable operation

# SIMPLOX panel fastener system

Never before has installation into panels and connecting panels been as fast, easy, and secure as it is with the new patented SIMPLOX. The SIMPLOX allows for a gap- and air pockets-free foam integration into the panels without the need of masking.

Various sizes of adapter pins ensure a quick, correct and precise installation and provide reliable panel ventilation during the foaming process. Additionally, the SIMPLOX bushings can be equipped with filters as an option.

Compared to traditional panel fasteners, SIMPLOX saves a lot of time during installation and assembly, making production processes much more efficient and economical.

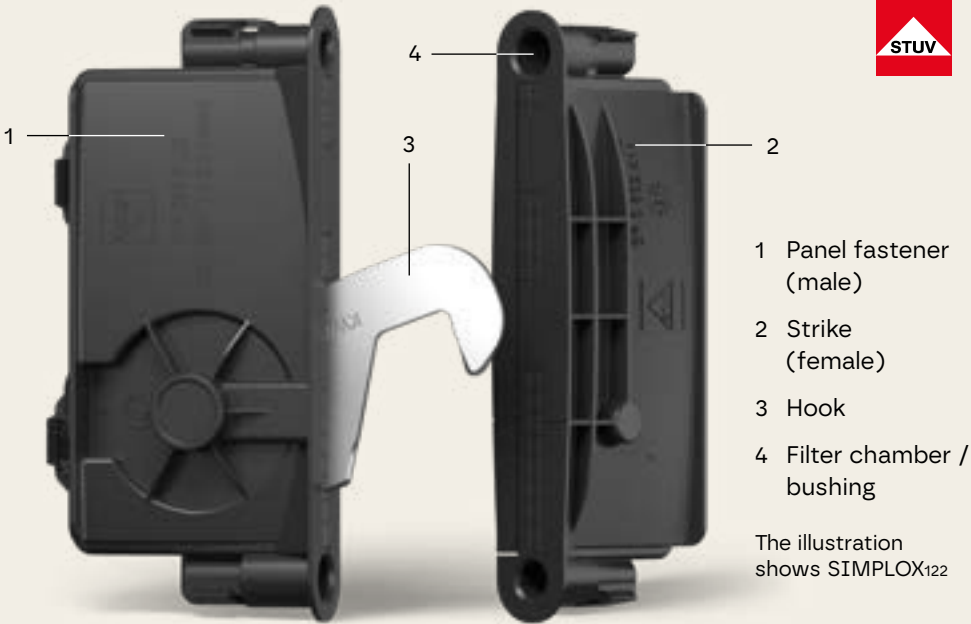
During the foaming process, the new patented protective skin technology prevents foam from entering. After foaming, simply use an hexagon key (available as an accessory) to pierce the self-opening protective skin. When tightened with the hexagon key, the galvanized hook

punctures the side protective skin and can easily swung into the strike (female part). The entire span of the Allen key, from insertion to the end position, is only a maximum of 180°.

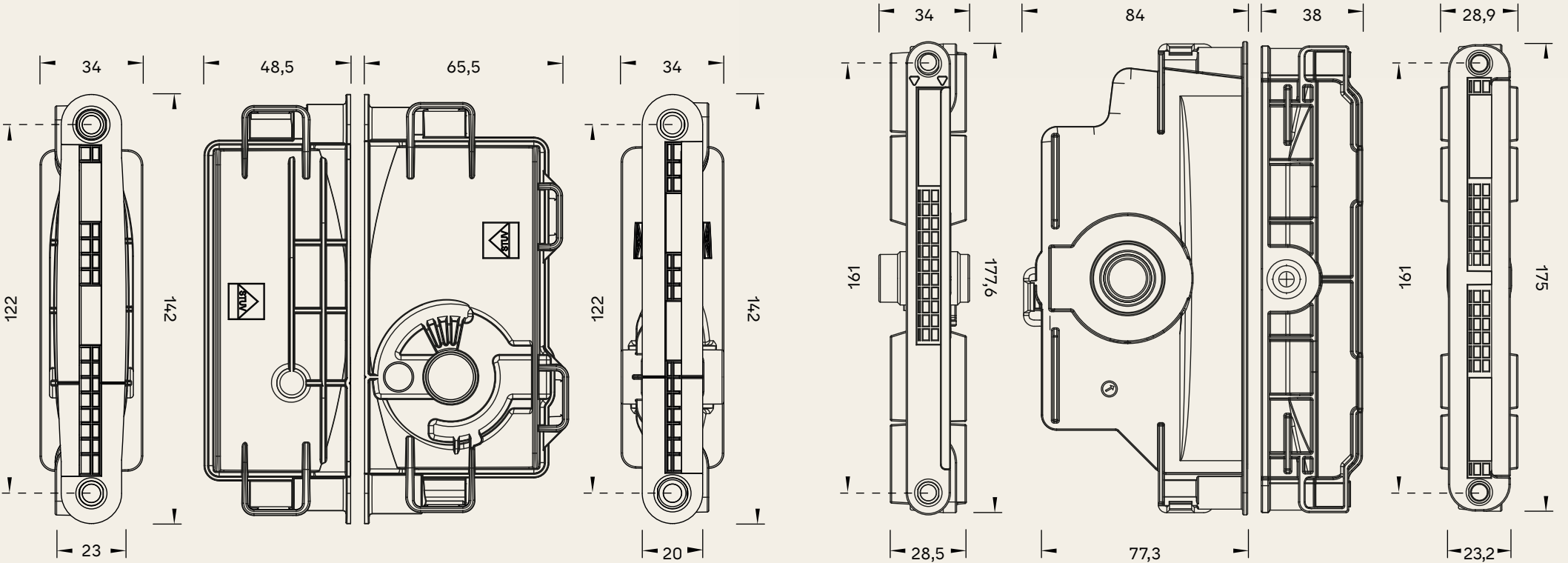
More information, videos, etc. about SIMPLOX: [simplox.stuv.de](https://simplox.stuv.de)

# Technical details

Available versions	Available in two size variants: SIMPLOX <sub>122</sub> / SIMPLOX <sub>161</sub>	Maximum clamping distance of the hook	12 mm
Protective skin	Self-opening (when connecting or using with an hexagon key)	Material Male / Female	Polystyrene
Vertical positional tolerance +/-	+ 2 mm / - 7 mm	Material hook and pin	Steel, galvanized
Maximum torque	50 Nm	Conformity of materials	All materials used are RoHS and REACH compliant



Dimensions (all measurements in mm) - SIMPLOX<sub>122</sub> (on the left) / SIMPLOX<sub>161</sub> (on the right)

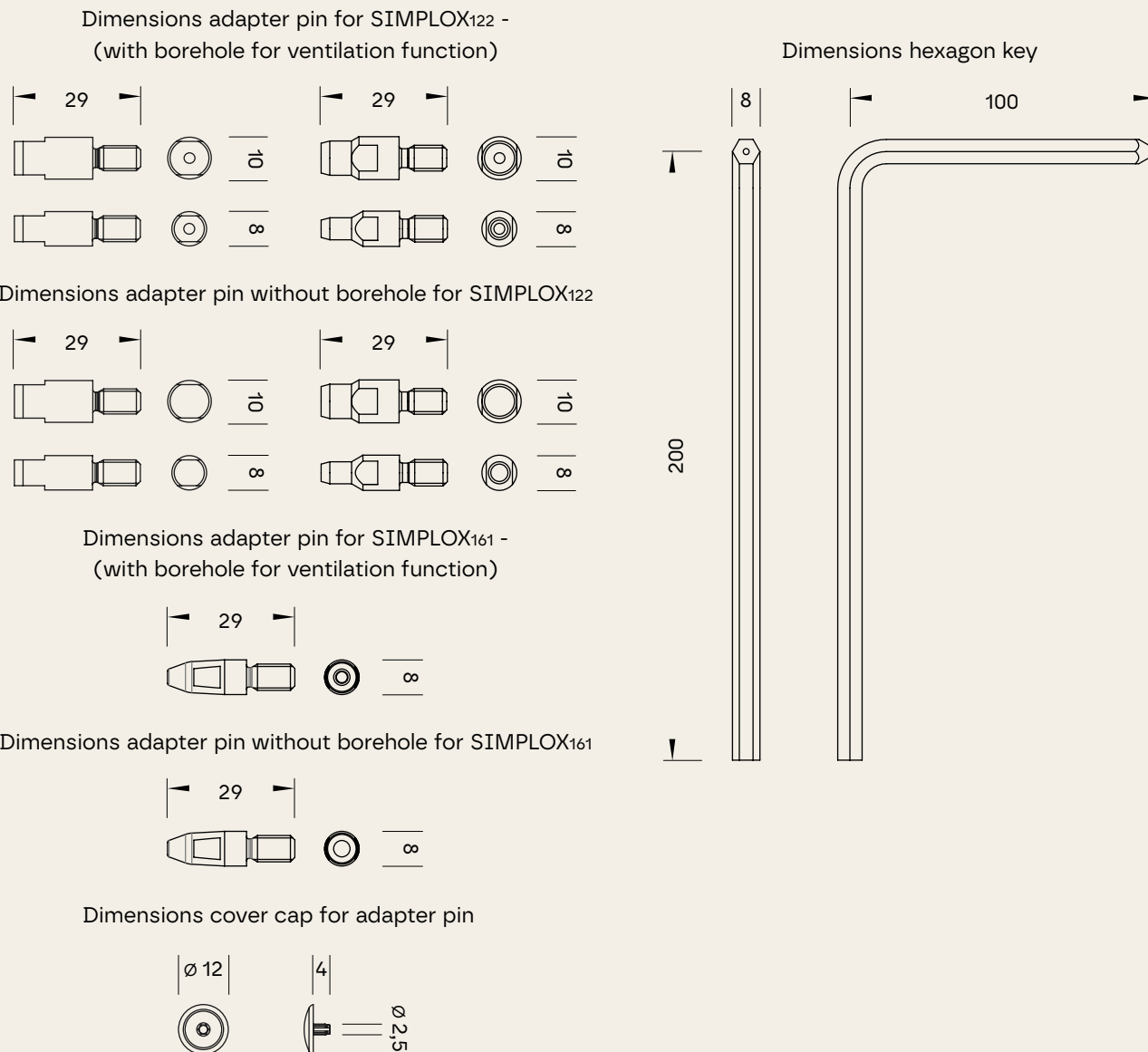


## Variants & accessories

Article	Article no.
<b>SIMPLOX<sub>122</sub> with filter</b>	
Panel fastener (male)	33913120
Strike (female)	33913470
Adapter pin for panel fastener 10 mm <sup>1</sup>	33905150
Adapter pin for panel fastener 8/5 mm <sup>1</sup>	33905160
Adapter pin for strike 8 mm <sup>1</sup>	33905170
Adapter pin for strike 10/8 mm <sup>1</sup>	33905180
<sup>1</sup> with borehole for ventilation function	
<b>SIMPLOX<sub>122</sub> without Filter</b>	
Panel fastener (male)	33913020
Strike (female)	33913370
Adapter pin for panel fastener 10 mm	33905100
Adapter pin for panel fastener 8/5 mm	33905110
Adapter pin for strike 8 mm	33905120
Adapter pin for strike 10/8 mm	33905130
<b>SIMPLOX<sub>161</sub> with filter</b>	
Panel fastener (male)	33916120
Strike (female)	33816470
Adapter pin for panel fastener/strike 8 mm <sup>1</sup>	33905190
<sup>1</sup> with borehole for ventilation function	
<b>SIMPLOX<sub>161</sub> without Filter</b>	
Panel fastener (male)	33916020
Strike (female)	33916370
Adapter pin for for panel fastener/strike 8 mm	33905140
<b>Accessories</b>	
Hexagon key SW8	33903400
(CV steel, hardened and nickel-plated)	
Cover cap for adapter pin with venting function	33905199

More information, videos, etc. about **SIMPLOX**:  
[simplox.stuv.de](http://simplox.stuv.de)

## Dimensions of adapter pins & accessories



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