

# PCSA CIRCUIT BOARD HOLDER

**ESD Safe** in accordance with regulations  
IEC 61340-5-1:2016 and IEC 61340-2-3:2016

# PCSA Circuit board holder

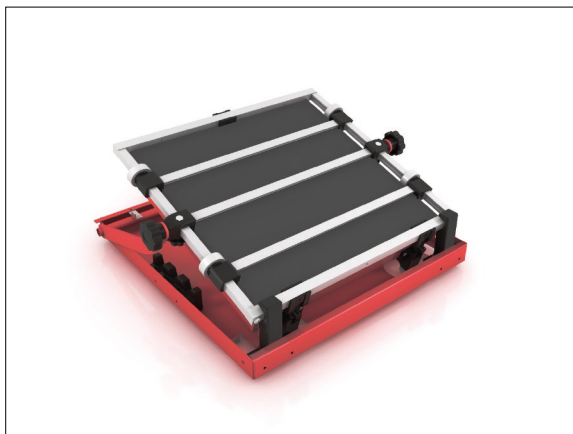


Models



## PCSA-1N

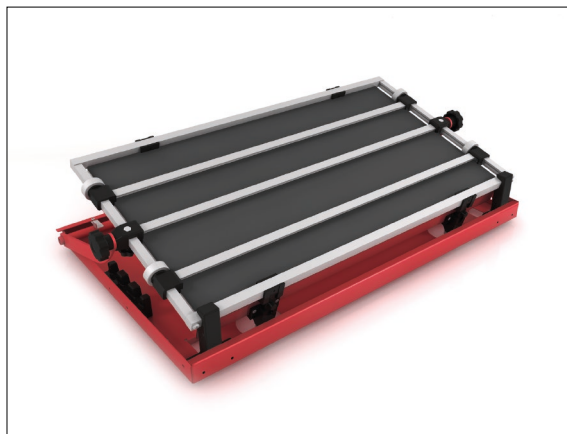
work surface: 280 mm x 220 mm



Additional splint: **BS-PCSS-1**  
Additional foam: **PCSA-1.2**

## PCSA-2N

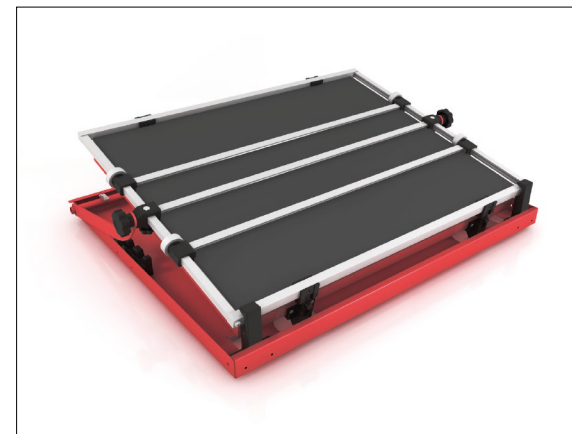
work surface: 510 mm x 220 mm



Additional splint: **BS-PCSS-2-4**  
Additional foam: **PCSA-2.2**

## PCSA-4N

work surface: 510 mm x 350 mm



Additional splint: **BS-PCSS-2-4**  
Additional foam: **PCSA-4.2**

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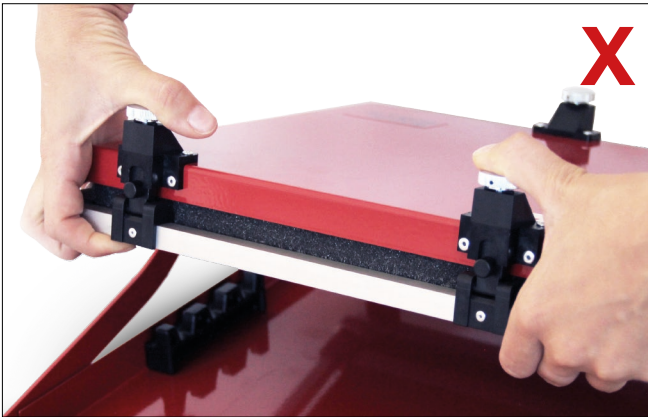
### Standard configuration:

- 2 splints (sliding rail)
- 1 central removable middle bridge
- 1 cover
- 1 foam rubber



## Important notes:

1. Do not force the closing of the top cover with your hands



2. Do not force the closing of the top cover without adjusting the height first, based on component dimension



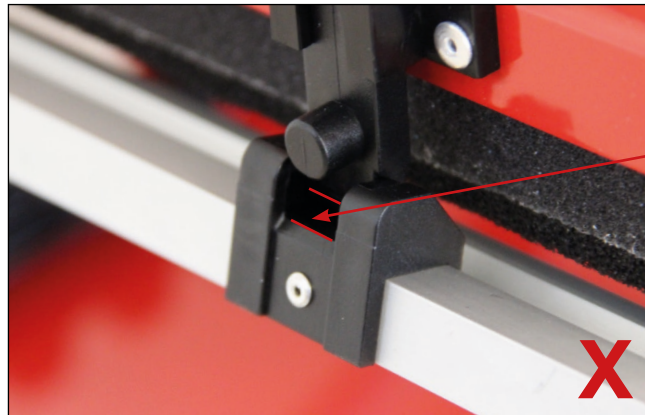
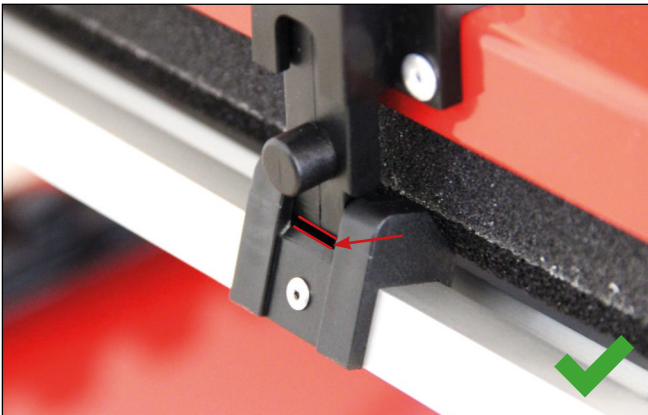


## Important notes:

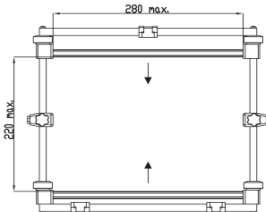
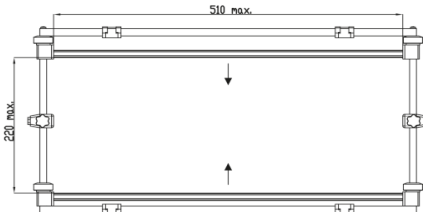
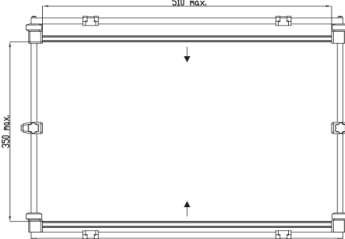
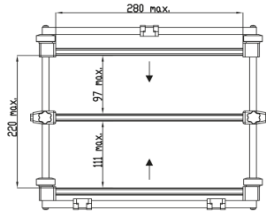
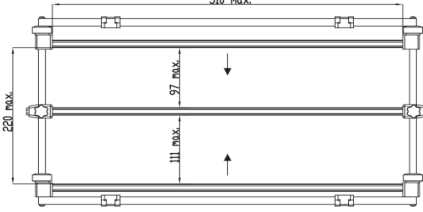
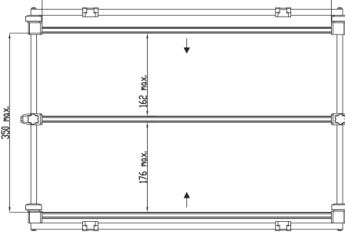
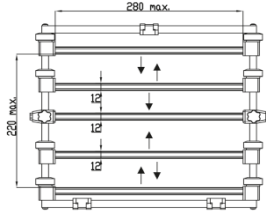
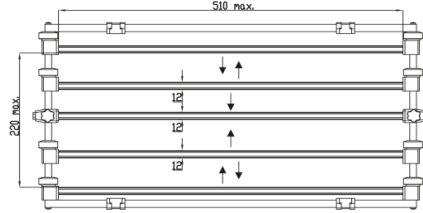
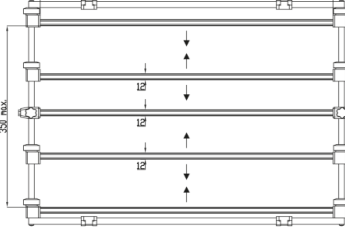
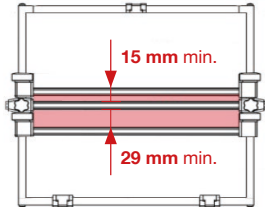
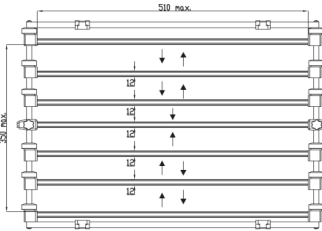
1. Do not force the top cover to tilt without **checking step 2 below**



2. Be sure to push the pins all the way into place before tilting the cover. **Caution: risk of component breakage if not in place**



Risk of  
component breakage

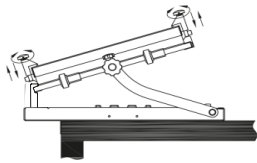
	PCSA-1N	PCSA-2N	PCSA-4N
BRIDGE = 0 SPLINT = 2			
BRIDGE = 1 SPLINT = 2			
BRIDGE = 1 SPLINT = 4			
FEATURE:	<ul style="list-style-type: none"><li>• Circuit board holders of the PCSA series are the ideal tool for fitting circuit boards with components. The holder can easily be demounted in single parts and be reassembled in different combinations.</li><li>• The standard models PCSA-1N/2N/4N are equipped with 1 removable middle bridge and 2 adjustable splints. Thus two work areas can be created.</li><li>• Any circuit board holders can be fitted with additional subdivisors (4 for PCSA-1N/2N and 6 for PCSA-4N). That way small circuit boards can be used on several</li></ul>		
	 <p>Minimum area (for all PCSA models)</p>		
BRIDGE = 1 SPLINT = 6			



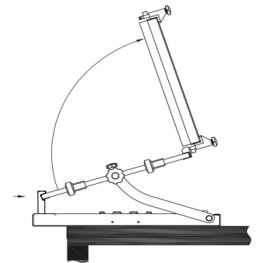
# PCSA Circuit board holder



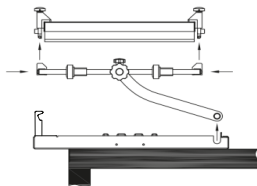
How to use PCSA detachable assembly jigs fo pc board



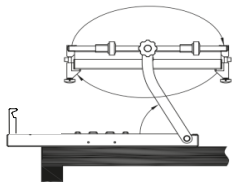
PC Assembly jig with component-press lid closed screwed or clamped to work-top, in relation to the height of the components.



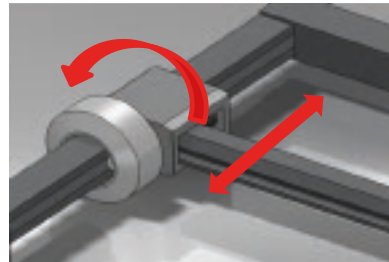
Foam rubber-lined lid for holding components in place. May be raised by applying pressure to front buttons.



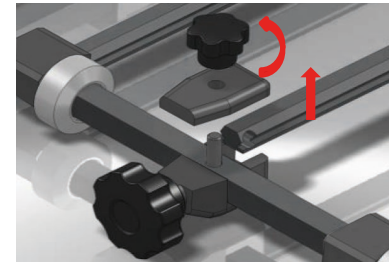
Easy to unslot and detach various parts. (Frame-PC holder unit-component-Press Lid).



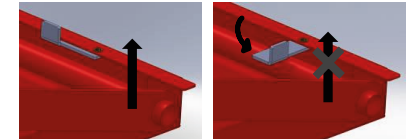
PC board assembly jig can be raised by turning lateral knobs. Self-adjustment to frame at right working angle, after unit raising.



Sliding rails may be positioned by means of self-locking sleeves. A system of springs makes it possible to insert and remove printed circuit boards without changing position of sleeves.

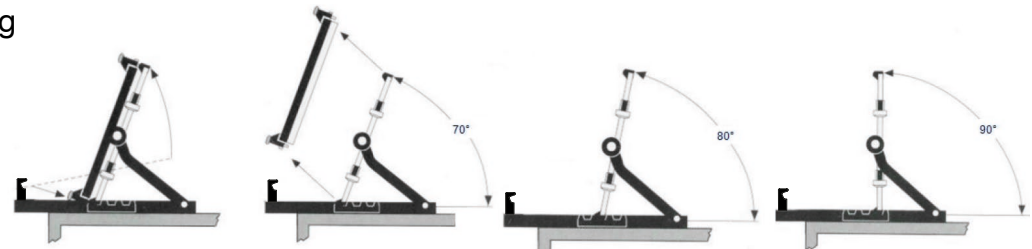


Turn the knob to remove the middle bridge.



Moveable couplings, located on the rear side of the assembly jigs for attaching the PC assembly jig to the frame. These couplings keep the PC assembly jig from detaching from the frame.

## Using pc board assembly jig in vertical position

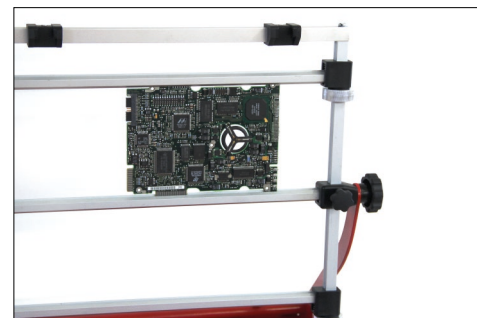


Positioning of the lower corners of the PC Assembly Jig in the toothed guides located on the frame.

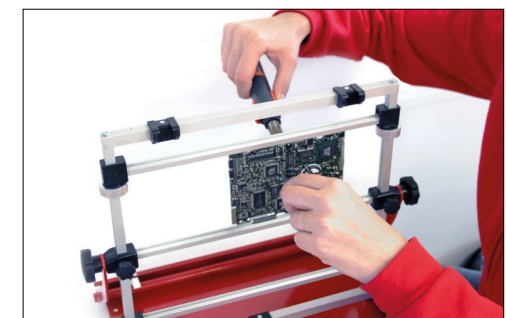
Positioning at 70° angle

Positioning at 80° angle

Positioning at 90° angle



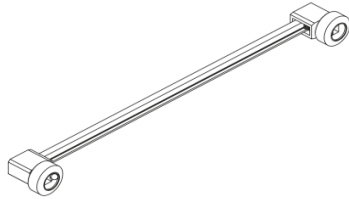
Practical use of PC Assembly Jig with PC Board in place.



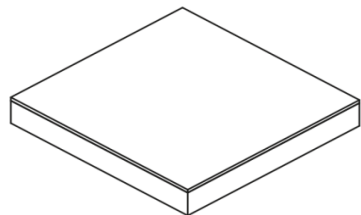
Unsoldering of components carried out with PC Assembly Jig in vertical positions.



## PCSA-1N

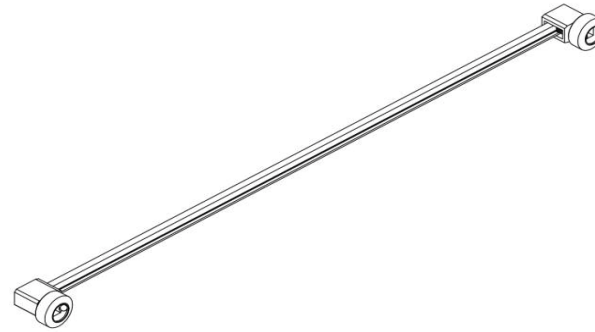


BS-PCSS-1: Sliding rail

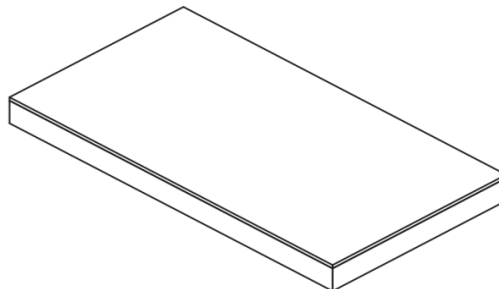


PCSA-1.2: Foam

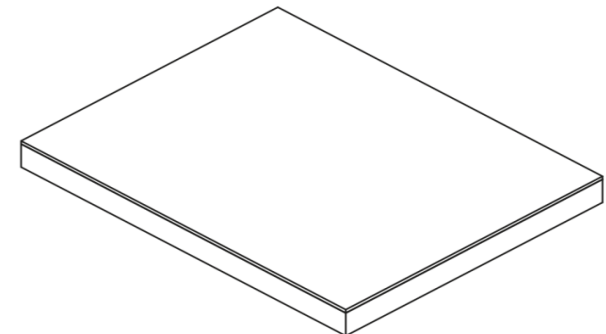
## PCSA-2N / PCSA-4N



S-PCSS-2-4: Sliding rail

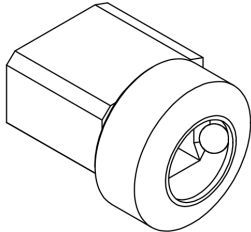
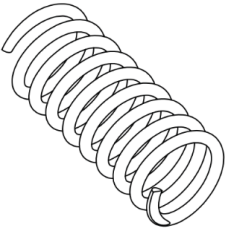
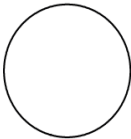
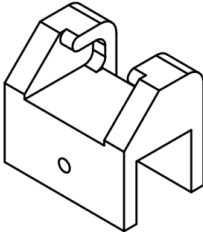
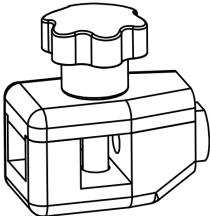
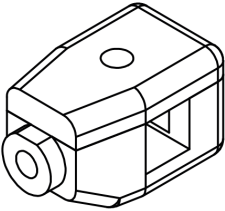
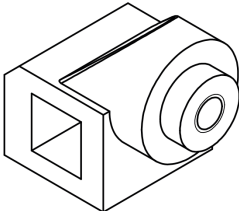
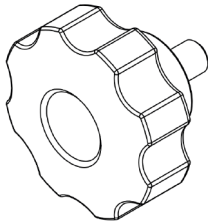
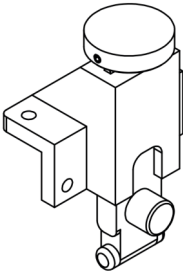
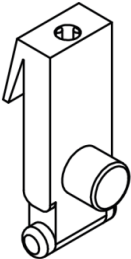
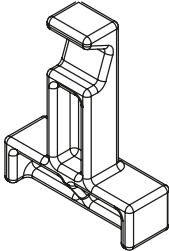
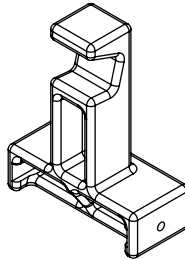


PCSA-2.2: Foam



PCSA-4.2: Foam



PCSA-1 PCSA-2 PCSA-4 (old models)   PCSA-1N PCSA-2N PCSA-4N (new models)			
			
BS-PCSS-NBS: Sliding block	MO-BS-PCSS: Spring	SF-BS-PCSS: Ball diam. 5 mm	IN-PCSS: Cover support
			
AC-PCSA: Bush-Knob-Screw	SR-PCSA: Bush	SR-PCSS: Bush (old)	PR-PCSS: Knob
		 old version - <b>only for PCSA-1</b>	 new version - for all models ( <b>not for PCSA-1</b> )
RIC-PCSA-N1: Pivot	SC-PCSS: Cover clip lever	SC-PCSA: Frame holder	SCN-PCSA: Frame holder



