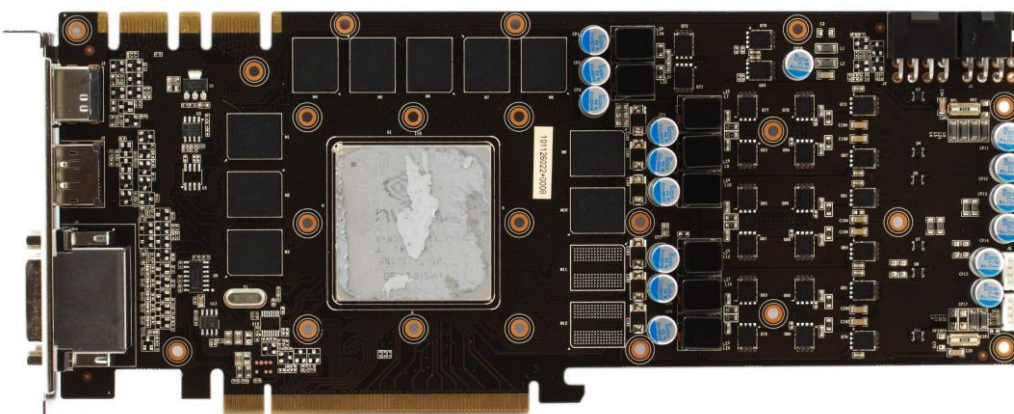


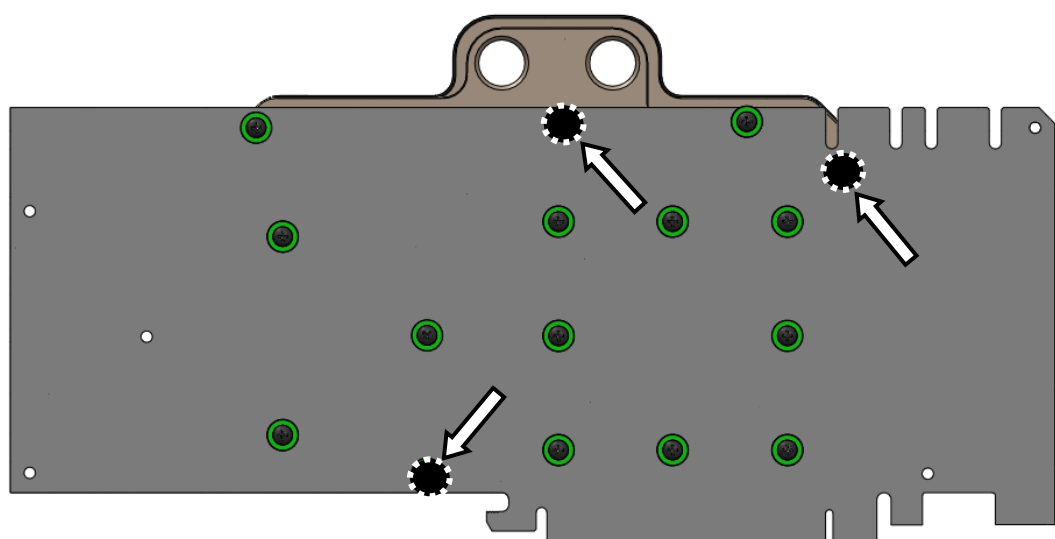
This product is intended for installation only by expert users. Please consult with a qualified technician for installation. Improper installation may result in damage to your equipment. EK Water Blocks assumes no liability whatsoever, expressed or implied, for the use of these products, nor their installation. The following instructions are subject to change without notice. Please visit our web site at [www.ekwaterblocks.com](http://www.ekwaterblocks.com) for updates. Before installation of this product please read important notice, disclosure and warranty conditions printed on the back of the box.

## STEP 1: GENERAL INFORMATION. Sample picture of Gainward/Palit GeForce 570/580 GTX graphics card.



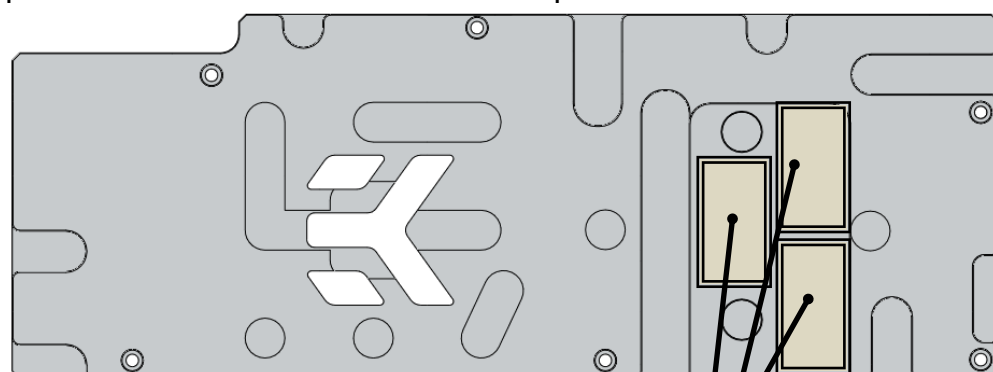
## STEP 2: PREPARING YOUR GRAPHIC CARD GEFORCE 5x0 GTX CARD

EK-FC5x0 GTX GW backplate is very easy to install. First install EK-FC5x0 GTX GW water block according to its manual. If you have it already installed, please check below which mounting screws for water block are to be left in their position. Please remove encircled screws marked with arrow!



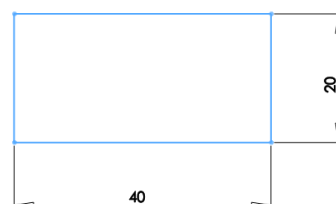
## STEP 3: APPLYING THE THERMAL PADS

In order to enhance the cooling performance of the EK-FC5x0 GTX GW please install – as shown in picture below – three 1.5mm thick thermal pads on the extruded stub on the backplate itself.



Note: Dimensions below are scaled!

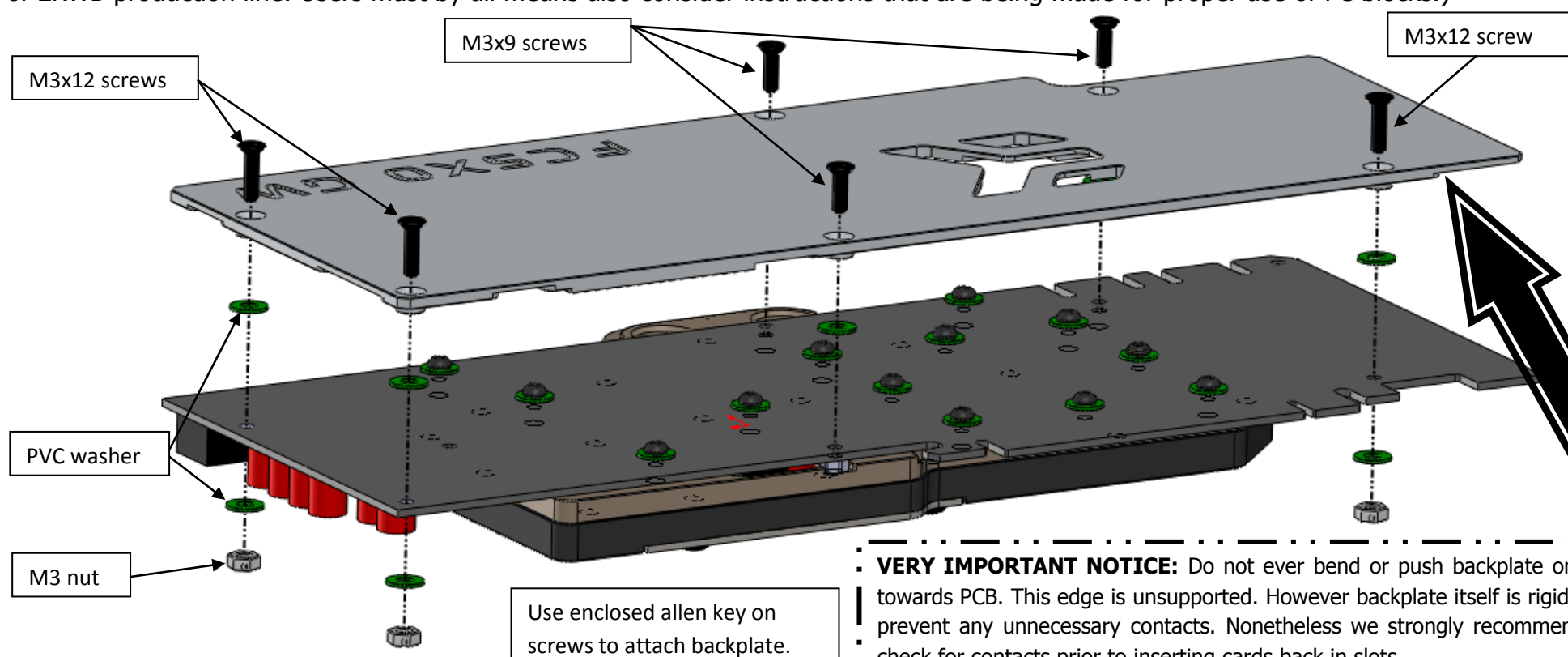
Thickness 1.5mm



## STEP 3: ATTACHING EK-FC5x0 GTX GW BACKPLATE

Take enclosed mounting screws and install them as shown on picture below. EKWB recommends users to start with M3x9 screws. Afterwards fasten remaining M3x12 screws (HINT: do not tighten screws until they are all positioned in their mounting holes). Please note that nuts with washers must be used on M3x10 screws in order to provide proper connection of PCB and backplate. Backplate has milled in standoffs, so there is no fear of overtightening the screws. Nevertheless, do not exaggerate with screwing force as there is no need for it.

(Please note that EKWB holds no responsibility of any kind if assembly is not made by instructions. This applies also for all products that are not out of EKWB production line. Users must by all means also consider instructions that are being made for proper use of FC blocks.)



**VERY IMPORTANT NOTICE:** Do not ever bend or push backplate on this edge towards PCB. This edge is unsupported. However backplate itself is rigid enough to prevent any unnecessary contacts. Nonetheless we strongly recommend users to check for contacts prior to inserting cards back in slots.

## REQUIRED TOOLS AND MOUNTING SCREWS:



3 x screws M3x9 7991DIN



3 x M3x12 7991DIN



3 x M3 nut



6 x M3 PVC washers



2mm allen key