



<https://happysield.github.io>

Headband

Elastic Strap
(20-30x350)mm

Strap Holder

Transparent Plastic sheet
(30x33x0.5) mm

Shield

Transparent Plastic sheet
(297x315x0.5) mm

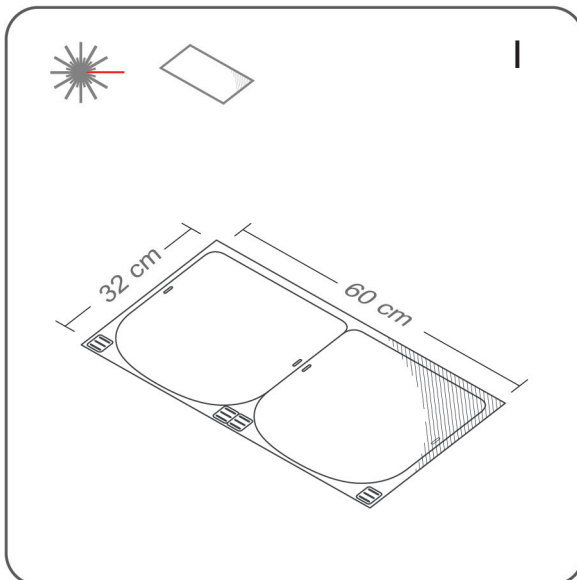
Second fold

First fold

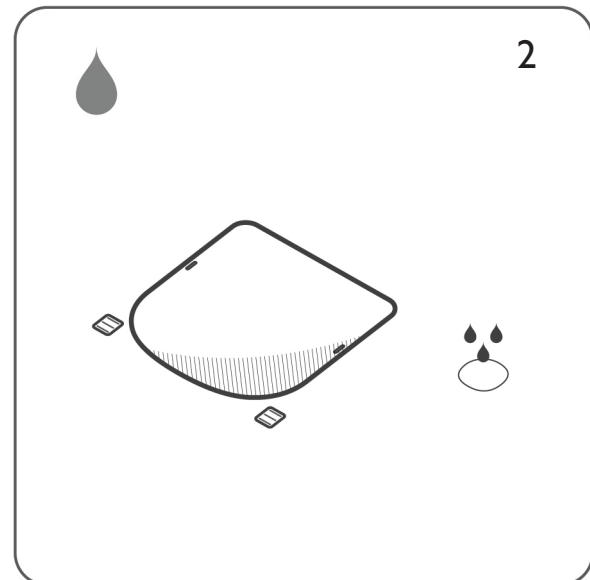
Flat



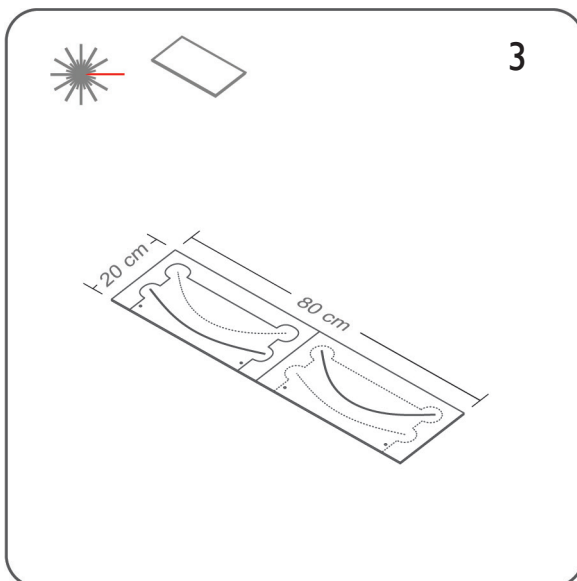
<https://happyshield.github.io>



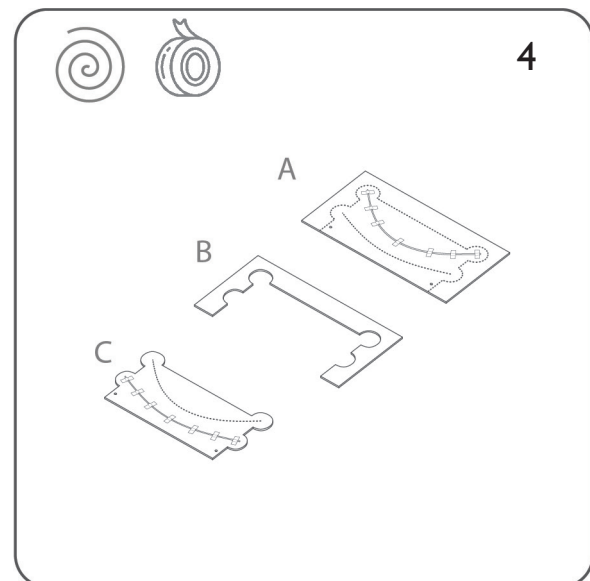
Download the laser-cutting template for the shield that fits in the bed of your laser-cutting machine – dimensions are described in the file names! Use a flexible transparent material.



Wipe the edges of the shields and clips with alcohol.



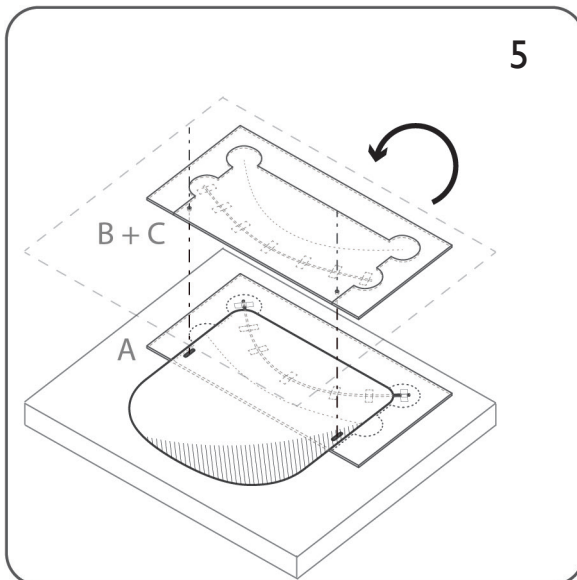
Download the laser-cutting template for the 3-part press jig according to the bed-size of your laser-cutting machine – dimensions are described in the file names! Use a hard material, such as mdf or plywood.



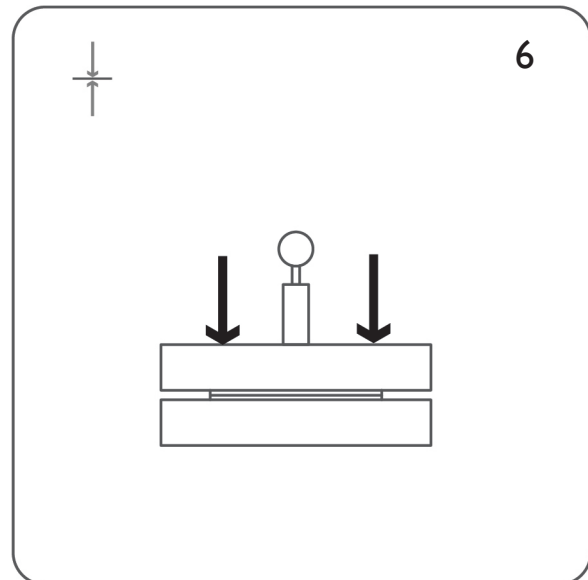
Tape the metal wire along the groove of the parts A and C of the press jig.



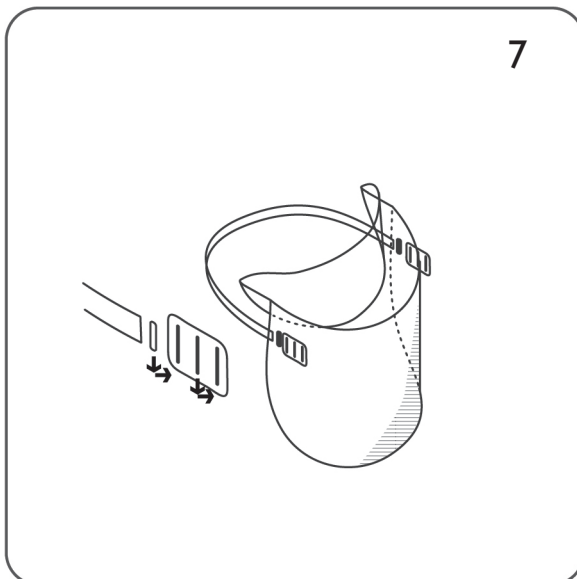
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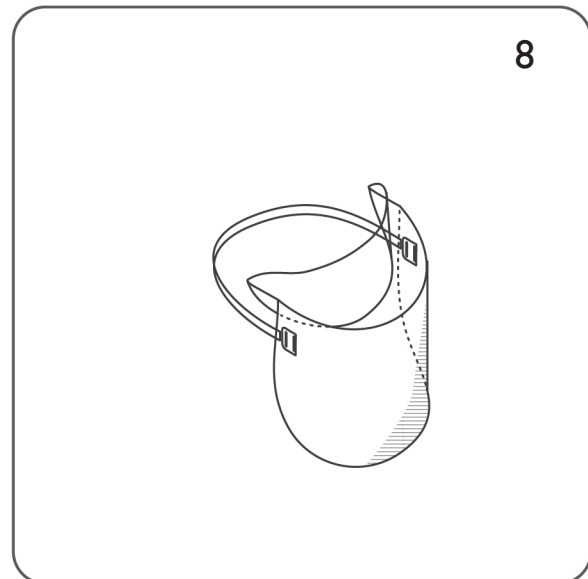
Attach part A on the bottom surface of the press and place the transparent shield on it, using the band slots for alignment. Interlock parts B+C and attach them on the top surface of the press. Use the slots again to make sure it is aligned to part A!



Press the shield between the 3-part press jig to create the curved creases.



Fix the strap using the laser-cut clips.



Insert the clips in the slots of the curved shield.