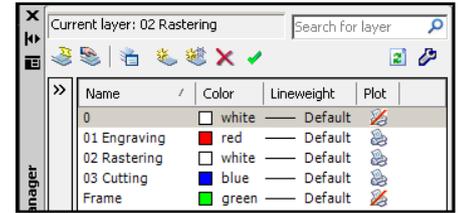


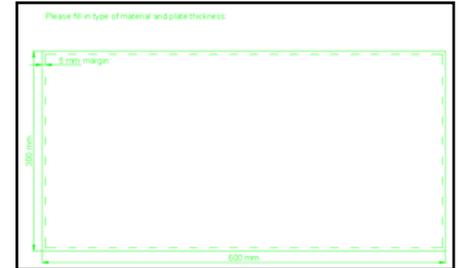
## DRAWING TIPS

! Use the example-file at: [www.camlab-bk.nl](http://www.camlab-bk.nl)

- 1 → For our **of the shelf materials** use the standard sizes shown on the order form.
- 2 → The maximum size for other materials is **450 x 800 mm**.
- 3 → We are able to cut many other materials, ask the student assistant for possibilities.
- 4 → The laser works with **2D-AutoCAD drawings** with the following format.
  
- 5 → **Draw all lines 'by layer'**, don't assign them their own color. Remove old layers
- 6 → **Drawing has scale 1:1 in mm**: 10mm in the drawing is 10mm in the model.
- 7 → **Layout is a rectangular frame with a margin of 5mm**: outer rectangle has the size of the material, inner rectangle follows from a 5mm inward offset.
  
- 8 → Materials can be cut, engraved and rastered (hatched)
  
- 9 → In your drawing the minimum distance between parallel lines should be 0.7 mm, otherwise the material in between will disappear
  
- 10 → Saving lasering time and material: placing stuff efficiently in the layout, letting parts 'share' their cutting edges, but:
- 11 → **No overlapping lines!** If there are any, your file will be rejected or removed from the queue until corrected.
  
- 12 → **Draw everything in one file**, Write material type, size and thickness above every plate.
- 13 → **If you want to save laseringtime** use the standard autocad txt font for text
  
- 14 → **Files that can be easily cut out by hand will be rejected.**
- 15 → **Save your file as:** name\_studentnumber.dwg



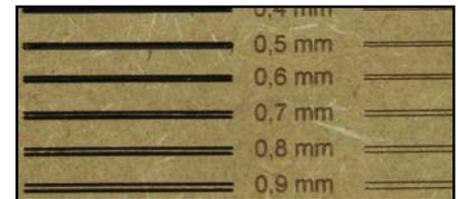
4



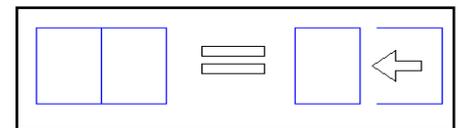
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