X 64,804   Y 84,306   W 59,554   H 63,454   mm

0   50   100   150   200   250   300

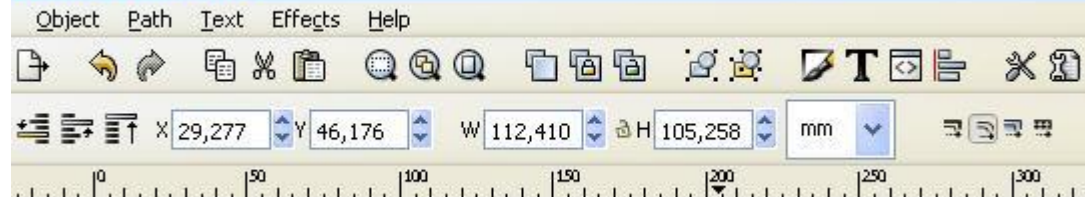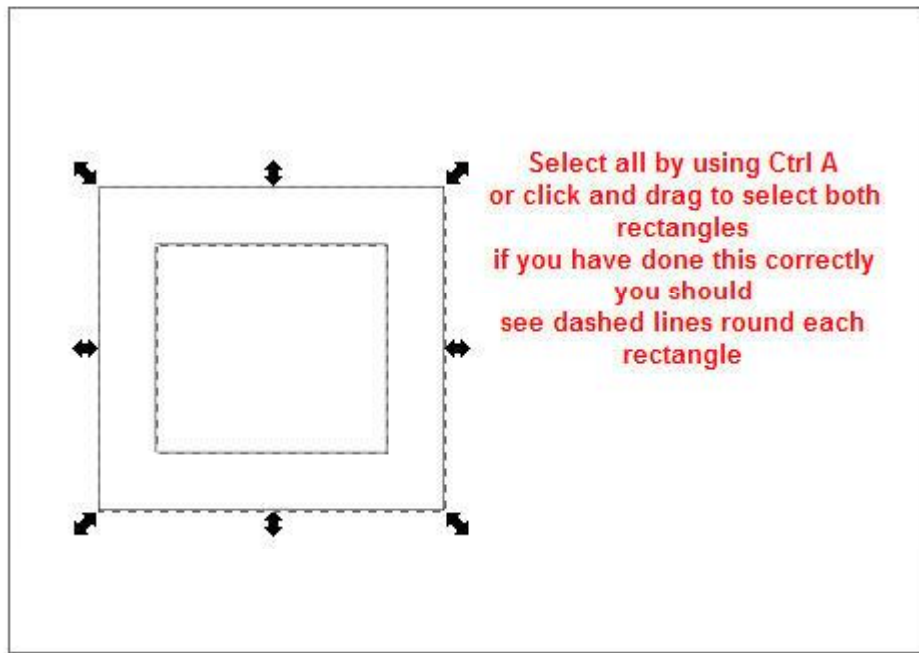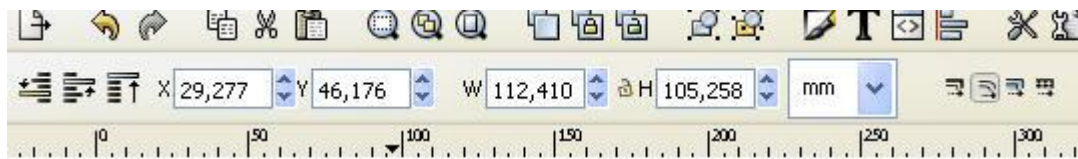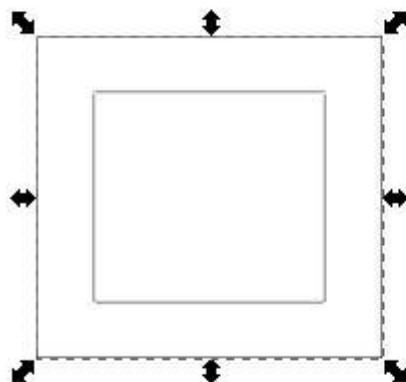**Making a frame and welding
a letter or number to it**
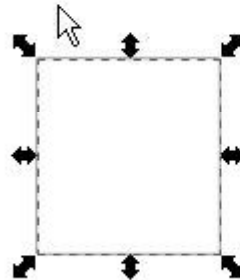
**Open a new page in Inkscape
View>Display mode>outline
Draw a rectangle
using the rectangle tool**

Object   Path   Text   Effects   Help

X 29,277   Y 46,176   W 112,410   H 105,258   mm

Ctrl D to make your clone
Then Path>Outset until your
frame is as wide as you want it
or hold down Ctrl and shift and
press) as many
times as necessary

Select all by using Ctrl A
or click and drag to select both
rectangles
if you have done this correctly
you should
see dashed lines round each
rectangle
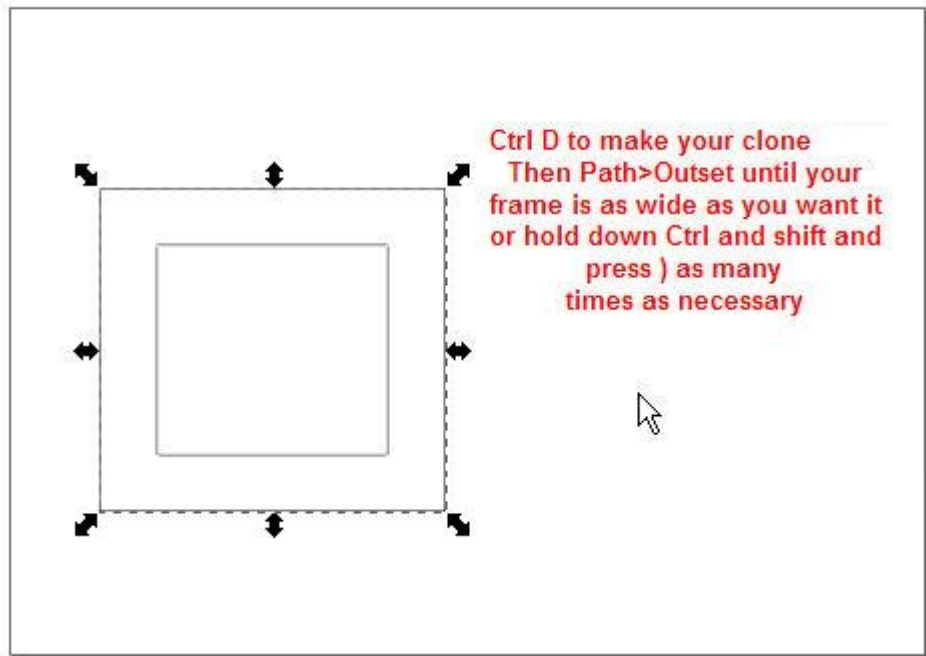
Now do Path>Exclusion
the dashed line round the
inner
rectangle disappears and
you now have a frame which
behaves as a single element.
Unless you do this step
correctly you
will not be able to weld your
letter or image
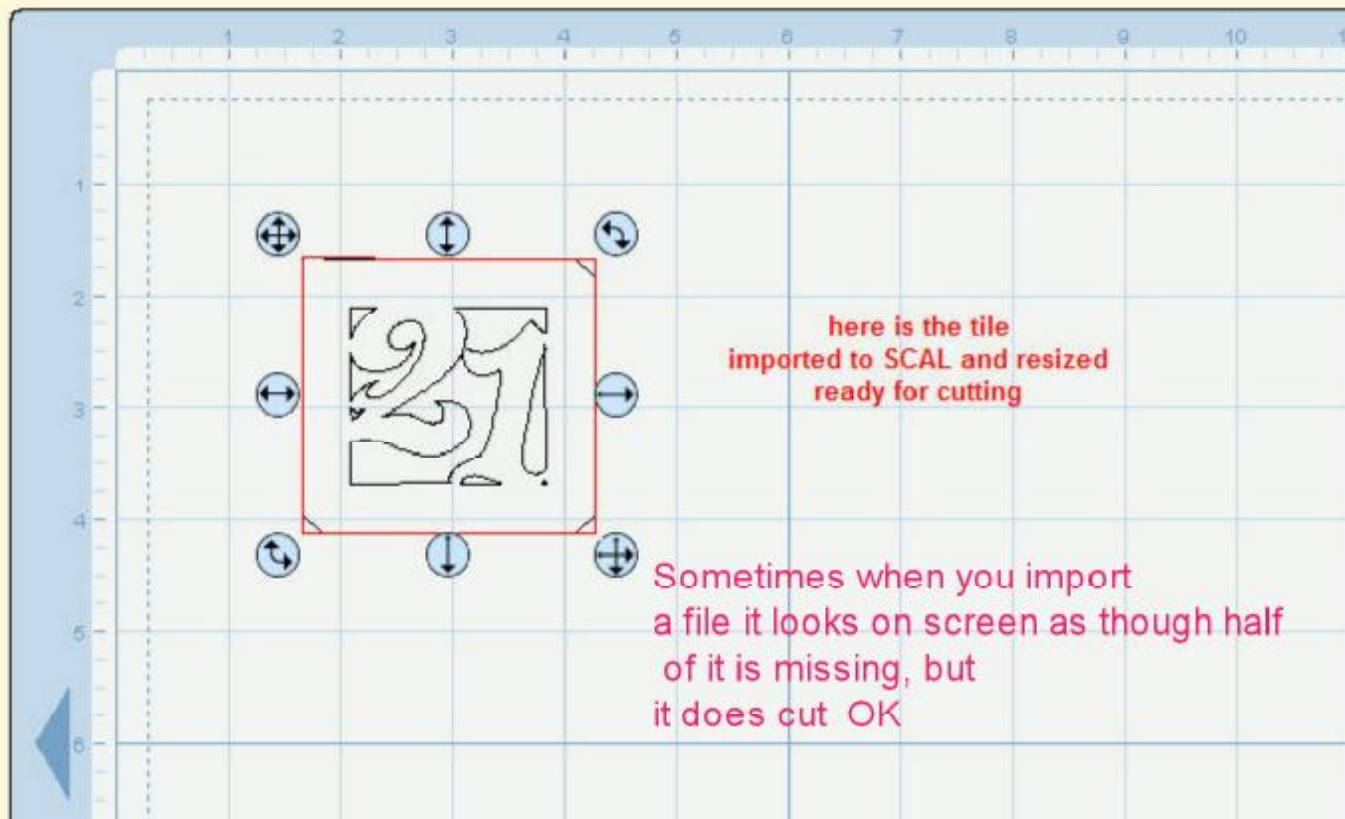and the inner rectangle will
disappear!

21

Font = Black Rose

Select all
Path>Object to Path
Path>Union

the finished tile is ready to be
saved as .svg

Edit   Cutter   Window   Help

here is the tile
imported to SCAL and resized
ready for cutting

Sometimes when you import
a file it looks on screen as though half
of it is missing, but
it does cut OK

X 5,854   Y 69,557   W 192,414   H 134,602   mm

Make a simple number card:
1. Type your number
2. Ctrl D to clone it
3. Flip it
4. Move the flipped number to
the left using the arrow keys
on the keyboard
5. add a rectangle for the base
6. Select all Path>Object to
Path
Path>Union
7. Save as .svg

Tutorial © 2008 Susan A. Banks