



**SERIES: MAKING FRAMES AND CORNERS**

**MAKING UP NOGGINS AND STUDS**



**1**

 **Notching noggins.** If you need to notch out a noggin, use a ruler or template to mark out the line to be cut. We recommend you use tin snips to cut out a noggin. See *Hand cutting light gauge steel with tin snips.*



**2**

Using your left or right offset snip, notch out the return lips. These are small sections and will peel away easily.



**3**

Use the left cut snips to cut in on the corner.



**4**

With the same snips, cut along the line to the opposite corner. Then use the right cut snips to cut into that corner.



**5**

Finally, cut back into the other corner to finish the notch.



**6**

**Using a vice grip.** A vice grip tool can be used to reduce cutting.



**7**

Using your left or right offset snip, notch out the return lips. These are small sections and will peel away easily.



**8**

Using your snips, cut away the web from the flanges.



**9**

Then use the vice grip tool to fold down the web.



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**10**  
**Using templates.** Use a pre-made template to mark out the notch and fold lines. A template helps speed up the process and makes the job of cutting easier.



**11**  
**Notching lip C-channel plates.** Notching lip C-channel plates to insert a stud can be done easily by using left and right cut snips.



**12**  
First, mark the location of the stud insert.



**13**  
Then use both left and right snips to cut out the material on both lips.



**14**  
A **flattening tool** can be used to further speed up stud and base plate connections.



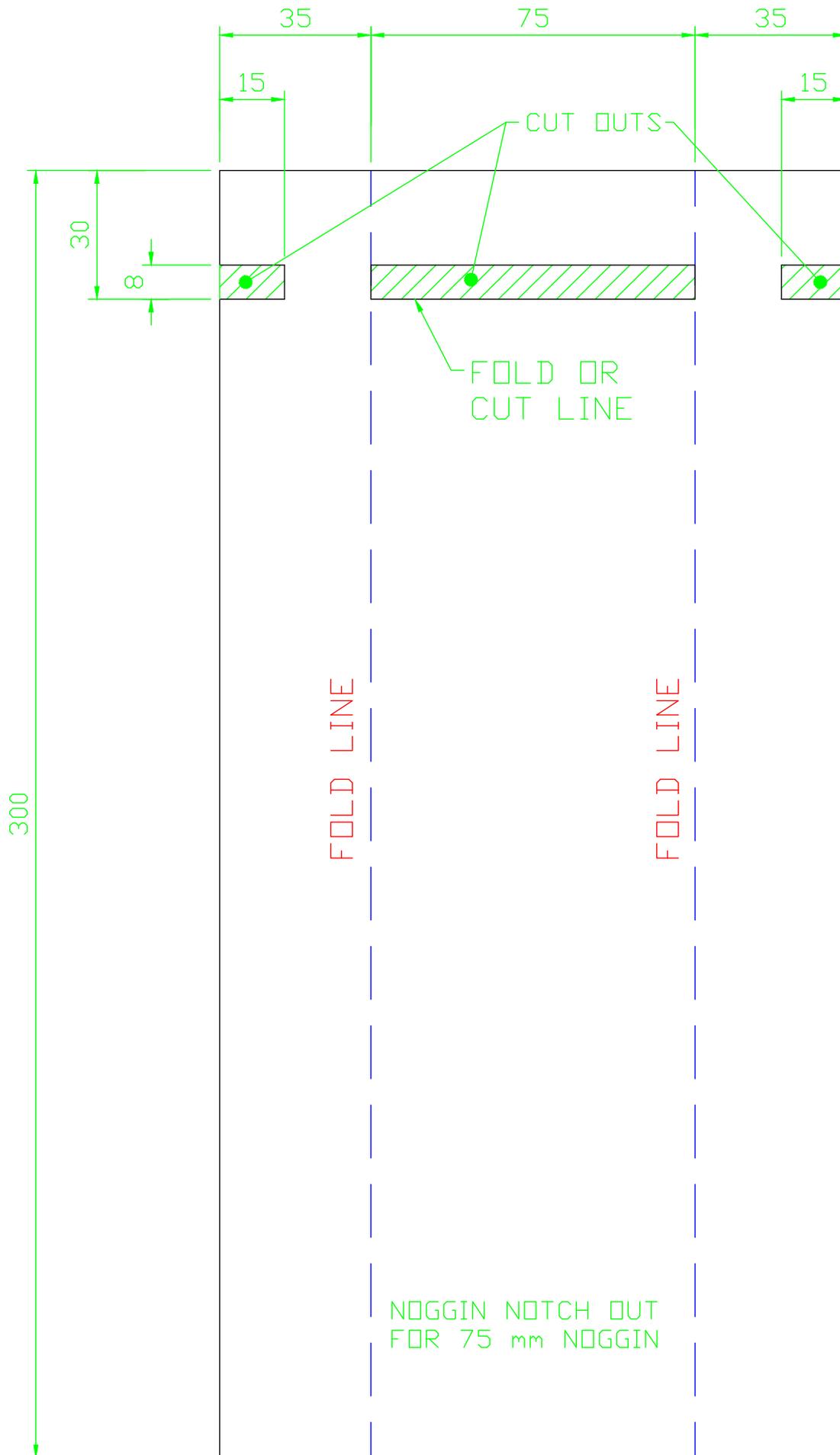
**15**  
It is a simple tool that is used to flatten the lip as opposed to cutting it out, saving time on the job.



**16**  
Using this tool you only have to mark the location of the stud then flatten the lips of the base plates, insert the stud and the job's done ready for fixing.

# 75mm noggin notch

**IMPORTANT:** Refer to scale (cm) drawing above to ensure template is viewed at actual size. Recommended print size A3.



# 90mm noggin notch

**IMPORTANT:** Refer to scale (cm) drawing above to ensure template is viewed at actual size. Recommended print size A3.

