

SERIES: MAKING HOLES



TRUECORE[®] STEEL

WORKING WITH

USING TIN SNIPS TO MAKE PENETRATION HOLES IN LIGHT GAUGE STEEL (UP TO 0.75MM THICK)

This sheet shows you how to use tin snips to make large penetration holes in studs, noggins and top plates in lightgauge steel up to 0.75mm thick. Seek advice from a qualified engineer if you need a large hole in a load-bearing stud.



Mark the position of the hole with a ruler and/ or template.



Before you use your snips, use pipe and duct snips (shown in the diagram) or a carborundum cutter to cut across the diameter of the hole. This will free up the material.



Use a screwdriver to open an entry point for the snips, and then, cut out with either your left-cut or right-cut snips.



If the hole is too close to a stud, you'll need to change to the other snip to finish the cut from the other direction to avoid the stud interfering with the progress of the snips.



When cutting a penetration hole in a boxed stud, use a pre-made template to position a hole at your measured line on either side of the stud. Mark the holes on both sides.



Cut across the diameter of each circle first.



Finally, use your left and right snips to cut out the circles from the top down.

PAGE 1 OF 1

WORK SAFELY WITH STEEL BlueScope recommends safety precautions are taken when working with steel – protect yourself with long sleeves, steel-capped boots, gloves and safety glasses and ensure you have the right tool for the job.

FOR MORE INFORMATION VISIT TRUECORE.COM.AU OR CALL BLUESCOPE STEEL DIRECT ON 1800 738 576 The information and advice contained in this guide is of a general nature only and has not been prepared with your specific needs in mind. You should always obtain specialist advice to ensure that the materials, approach and techniques referred to in this guide meet your specific requirements. BlueScope Steel Limited makes no warranty as to the accuracy, completeness or reliability of any estimates, opinions or other information contained in this guide and to the maximum extent permitted by law, BlueScope Steel Limited direct from this Builetins all liability and responsibility for any loss or damage, direct or indirect, which may be suffered by any person acting in reliance on anything contained in or omitted from this Bulletin. TRUECORE®, BlueScope and the BlueScope Steel Limited ABN 16 000 011 058. All rights reserved.

75mm box stud penetration

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

1 2 3 4





75mm stud penetration

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

1 2 3 4

⊣ 5cm





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







90mm stud penetration

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

1 2 3 4



