


## Making penetration holes using a hydraulic punch

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 Making penetration holes for ventilation or services is easily achieved in steel thicknesses up to 3.2mm by using a hydraulic punch. Seek the advice of a qualified engineer if punching large holes in load-bearing studs.



1

A hydraulic punch has a fast action slip on/off chuck making it quick and easy to use.



2

Remove the slug by slipping off the chuck.



3

Use the punch for single C-channel studs, noggins and top plates.



4

The same hydraulic tool is used to make smaller holes for water pipe and electrical cable.



5

Larger penetration holes are achieved by fitting a larger mandle into the tool.



6

A larger pilot hole is required for the bigger mandle. In this case, use a water pipe-size punch or cutter.



7

A hand punch for light gauge steel is used to create the pilot hole.



8

Or use the pre-made service holes already provided in the frame studs as pilot holes for the large punch.

### Work safely with steel

BlueScope Steel 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/tradies](http://truecore.com.au/tradies) or call BlueScope Steel Direct 1800 800 789.

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