



## WORKING WITH TRUECORE<sup>®</sup> STEEL

## **SERIES: MAKING HOLES**

## MAKING PENETRATION HOLES USING A HYDRAULIC PUNCH

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.



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



Remove the slug by slipping off the chuck.



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



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



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



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



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



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

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**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.

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