

Making holes in steel using a manual hydraulic punch

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1

A manual hydraulic punch is a versatile, lightweight tool that punches holes for plumbing and electrical cable grommets, and larger penetration holes for services.



2

The tool has a fast action, slip on/off chuck making it quick and easy to use. The punch can make holes in steel up to 3.2mm in thickness.



3

A manual hydraulic punch can be used for single C-channel stud, noggins and top plates. A swivel head and handle gives the operator good ergonomic access to studs or noggins from the side, or when working overhead on top plates.



4

Before using the punch, you'll need to make a 10mm pilot hole to receive the punch shank. A pilot hole can be made with a clear-cut drill if working with light thickness steel, or with a half-inch step drill for thicker materials. Remember to use a lubricant to improve the cutting efficiency and increase the lifespan of your step drill.



5

When multiple holes are required, save time by making all your pilot holes first, and then follow up with a hydraulic punch.



6

The hydraulic punch tool can also make larger penetration holes – see *Making penetration holes using a hydraulic 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.

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