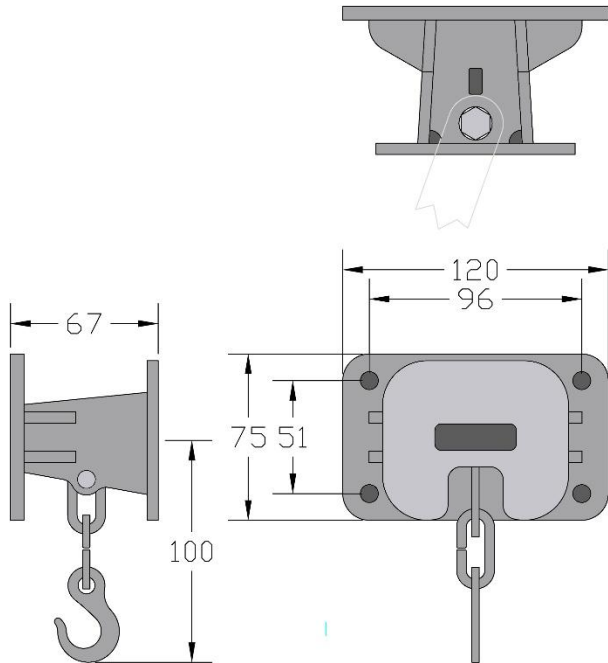


Instructions for 'Penrhyn' style coupling with hook

Colin Edmondson, July 2026



Intended to look like a hook and link buffer but with a slot to take a conventional link and pin coupling bar. The hook isn't intended to be used for haulage, but is probably strong enough for light duties but definitely not for passenger hauling. It takes a 10mm pin.



< Place the sides, top and bottom in the slots in the back plate

> Add the buffing plate





< Clamp and weld through all the slots onto the tops of the tabs and dress the welds smooth.

> If you wish you can smooth off the sharp corners on the links and the hook to make them look more like the full sized ones. Chamfer the ends of the centre link, twist it open, add the closed link and the hook and twist the link closed again. Then weld up the gap and dress the welds smooth.



< Finally put the top link into the slot in the bottom plate with the hook facing inwards, push the length of 10mm rod through the holes and the hole in the link and tack weld the rod to the side plate on the inner face to keep it in place. Attach to the buffer beam with M8 screws.