

b)

Tools & Equipment

Hacksaw

Scribe

File

Centre Punch

Pedestal Drill

M12x1.5 Drill bit

Milling Machine

300x55x6 Piece of Mild Steel

Process

1. Obtain materials and hand tools

2. Mark out R10 and cut roughly with a hacksaw.

File down to shape with the file.

4. Mark 20mm x 20mm from the top left hand corner (the same end as R10) and centre punch the point.

5. Use M12x1.5 drill bit in pedestal drill to drill hole on the punched mark.

6. Mark 30mm x 20mm and use a scribe to mark a line 50mm x 20mm to 90mm x 20mm

7. Insert appropriate drill bit in Milling machine and mill R5 across the marked line.

2. Mark and cut 200 so you are left with a 100x55x6 piece of mild steel.

Additional writing space on back page.