Job - Mild steel stock template 25.10.10

To Required tools/equipment:
- drill press
- milling machine (~~manual~~)
- set of M12×1.5 taps & T-wrench
- 10mm milling bit
- engineers scribe
- file (preferably bastard, although this depends on required surface finish)
- 10mm twist drill bit

1. Assuming the mild steel stock was cut to size, drilled 10mm hole using drill press 20mm from top left edge and side, using coolant
2. Clamped job securely to bench, applied cutting compound to taper tap and secured in tap wrench (T-wrench).
3. Slowly threaded inside of hole, by twisting the taper tap down through the hole, ensuring to keep it perpendicular with surface
4. Repeated process but with intermediate tap attached this time
5. Finalised threading of hole by repeating process but with plug tap attached. Clean out hole.
6. Attached 10mm milling bit to ~~milling~~ manual milling ~~the~~ machine. Carefully milled out 50mm long section, starting 50mm from top edge and 20mm in from left edge
7. ~~Using file, carefully filed down top right edge~~ Using engineers scribe, marked out 10mm radii for curve on top right edge.
8. Used file to file down top edge to markings, then used try square to ensure curve is flat and even

OUT OF TIME

Additional writing space on back page.