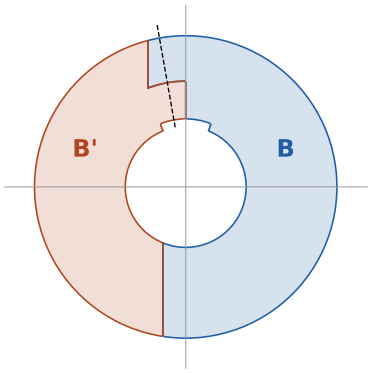
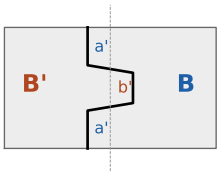
Grundy two-part shaft collar (US 860,369, 1907) — cutting template, FULL SIZE

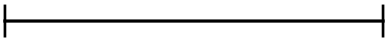
Our sizes: brass ring 40 mm across, 16 mm bore, 16 mm long. Print at 100 %; the bar below must measure 50 mm.



Slice 2 mm in from a face (cheeks a' band, z 0-5 and 11-16)



Bottom of the ring seen from below (outside surface),
the ring's length up the page; dashed: the diameter through the screw



TOP (screw end): saw B and B' apart along the vertical line from the bore out to 14 mm radius, then along the 14 mm circle to 5 mm left of the line, then straight out. B's outer layer is the overhang b over B'. Dashed: the M5 screw, 100 deg.

BOTTOM (hook end): in the middle band the cut is 3 mm right of the line: B' keeps the tongue b', 6 mm wide at its root, 4 mm at its tip. In the two outer bands it is 3 mm left of the line: B keeps the cheeks a'. Both reach past the line.

BORE: file each part's bore out to 18 mm across over the arc above its own side of the top joint: B' from the line to 22 deg left of it, B from the line to 22 deg right of it. Without this the parts cannot be put on from the side.

Glue the end view on one end face, lined up on the centre cross, and the strip on the outside at the bottom, under the screw's line. Cut the top joint with the blade along the axis, the bottom joint with the blade across the wall.