

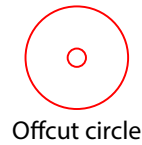
## ROUTER EXTENSION

## HOLE DRILLING OTHER ROUTER AND RADIUS INDEX PIN PLACEMENT

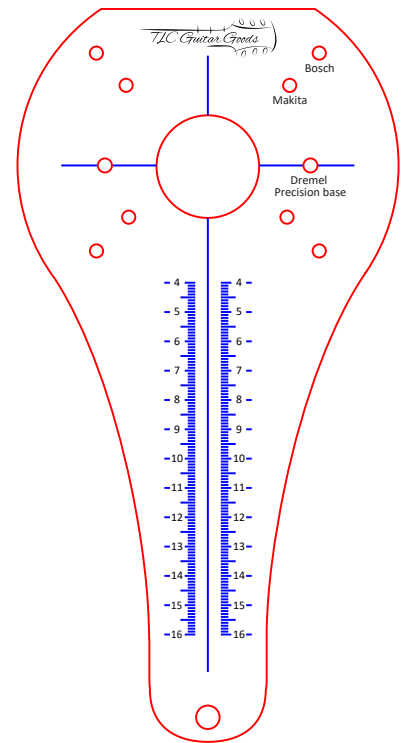
### Drilling holes for other router type

Please note, depending of the screw holes in your routers base, the maximum area where can be drilled is 98mm width and 78mm high with the opening for the router bit centred.  
Take this in account when buying this tool. To drill your own holes for the positioning, use the offcut circle of the router bit opening.

Place your router in the lowest position and insert a 6,35mm router bit in the collet. The router bit shaft should stick out on the bottom and place the offcut circle on the bit. Then place the whole on the opening of the router extension which centres the bit to the router extension.  
Mark your base holes and drill them.



Offcut circle



Router extension

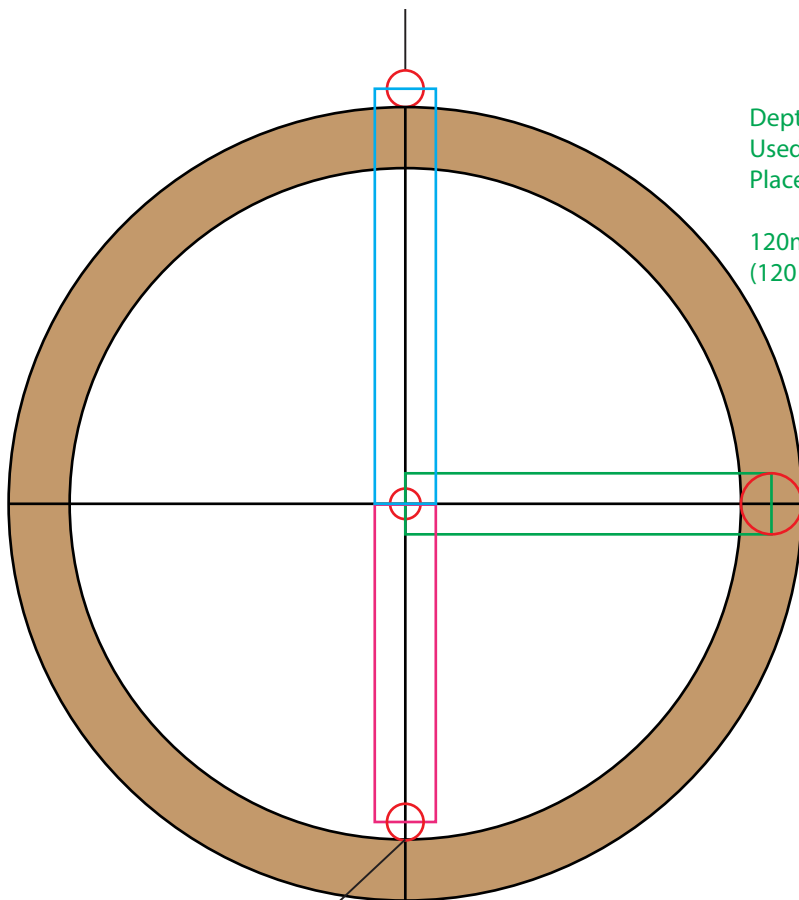
### Example Rosette and hole placement for router extension

Outside cutting

Used bit: 6mm

Placement of 5mm index pin:

$$130\text{mm (outer diameter)} / 2 + 6\text{mm (Bit size)} / 2 \\ (130 / 2) 65\text{mm} + (6 / 2) 3\text{mm} = 68\text{mm from centre routing point}$$



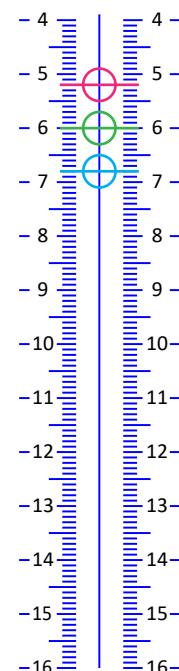
Depth cutting rosette

Used bit: 10mm

Placement of 5mm index pin:

$$120\text{mm (Centre diameter)} / 2 \\ (120 / 2) 60\text{mm from centre routing point}$$

Based on the calculations above, the holes should be like below.



Inside cutting

Used bit: 6mm

Placement of 5mm index pin:

$$110\text{mm (outer diameter)} / 2 - 6\text{mm (Bit size)} / 2 \\ (110 / 2) 55\text{mm} - (6 / 2) 3\text{mm} = 52\text{mm from centr routing point}$$