

Bowl Jaw Set



The MDF pieces mounted on the main body allow me to grip square section of 90mm and above

A new bowl Jaw set for the Vicmarc 100 chuck will cost you about £90. For occasional use a home made accessory does the job. I made one recently and it has already repaid the effort.

For those with a Vicmarc 100 chuck a template is provided overleaf to help with drilling the screw holes.

Here is how I went about it

- I mounted a rough disc of MDF 18mm thick on the lathe and turned a circle 8 inches in diameter
- Using the paper template for the Vicmarc 100 chuck I located the centre with the point of the revolving centre of the tailstock and pinned it to the MDF disc
- I dabbed the template with a Pritt stick so that it adhered to the MDF and carefully marked the centre of the screw holes pricking the MDF with a fine point
- I reduced an area about 40 mm wide in the centre of the MDF circle to a thickness of 15mm. This was to allow the MDF body to be screwed to the chuck using 20mm length jaw screws
- I drilled and countersunk the screw holes using a 5mm drill bit
- I then cut the MDF into quadrants which were numbered 1 to 4 to match chuck
- With the new jaws on the lathe I drew a circle to help align the doorstops. These grip the work OK but if anyone has a better idea please let me know

Materials needed

- A piece of 18mm thick MDF
- 4 or preferably 8 white doorstops
- 8 x 20mm long jaw screws to attach the jig

John Hawkswell

Allfast Uk Ltd - Fasteners And Fixings - Unit G2 Northway
Trading Estate, Tewkesbury supplied the jaw screws