

North Devon Woodturners

Tips and Tricks

Use of PVA Glue to hold a work piece on a chuck

Tip obtained from : Bryan Cath

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Although probably known by many experienced turners, I didn't realise how strong ordinary craft type PVA could be and used to secure wood on a chuck for turning.

Bryan glues his work on a piece of wood in his chuck with layers of PVA glue and paper – see sketch below.

The glue when dry is very strong in torsion and will stay strong against the torque of wood turning. However, it is not as strong in tension and the work can be removed relatively easily by pushing a knife between the chuck wood and paper – see attached sketch.

The joint is very strong when the glue is used with the grain but not as strong when used with end grain.

The glue Bryan uses is just multi-purpose PVA glue that can be purchased in craft shops, hardware stores or on-line.

