

# Vacuum Coupler manual

Code: 25008

**Another quality accessory for the Nova Series of Woodlathes: The Teknatool 1500. The Nova 3000 and the Nova Comet Minilathe.**

Thank you for purchasing the Teknatool Vacuum Coupler, this unit will allow you to convert your lathe for a vacuum hose connection so you can set up for vacuum chucking.

For safety reasons please carefully read and understand these instructions. The Vacuum Coupler is designed it fit the Outboard Handwheel for the Teknatool Nova series of Woodlathes.

## **Kit contents**

<b>No Units</b>	<b>Code</b>	<b>Components</b>
1	25022	Combined bearing and vacuum hose bearing shaft. (1x6004LLB bearing, 1x25020 bearing shaft)
1	G0810	8mm grubscrew M8x10 K/P (Adjust with the 4mm AF wrench in your lathe kit)
1	G0606	6mm grubscrew M6x6 C/P
1	AK3	3mm AF wrench. (To adjust the 6mm grubscrew)
1	SZ0816	8mm x 16 zinc plated set screw.
1		Labelled mini-grip 130x155 plastic bag

## **ASSEMBLY**

1. Gently tap the bearing into the housing in the centre of the handwheel, make sure it is well seated.
2. Secure the bearing to the handwheel by means of the 6mm grubscrew threaded into the hole in the boss of the handwheel, do not over tighten. Refer to illustration A overleaf.
3. You will need to examine the fit between your vacuum hose and the boss section. The boss is designed for a certain size vacuum cleaner hose. If your vacuum cleaner hose is larger than this then you will need to make an adaptor plug between the boss and your hose. This could be turned out of wood. It may be easier to have a plastic hose section connection the boss and the wooden plug. In illustration B (over the page) - the wooden plug needs to have a wide hole through the middle to allow air to pass. The plastic hose and the vacuum coupler hose may need to be fixed to the wooden plug, depending on fit.
4. Whether using a plug/plastic hose section, or a direct fit of the vacuum cleaner hose to the boss, you will need to drill a series of holes that correspond to the holes in the boss to connect them and allow for the vacuum/air bypass holes, please refer to the illustration overleaf.
5. The lower bypass hole is always open. The top one can be closed by the grubscrew. If the vacuum needs more air bypass the grubscrew could be partially unscrewed or removed completely. Alternatively bypass holes could be taped to seal, note the bypass allows sufficient air to cool the vacuum cleaner motor.

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