

nova™

Smart Tools, Powerful Solutions

NOVA CHUCK ACCESSORY

SPINDLE ADAPTORS MANUAL



Publication: 94-0619-023
Date: March 2019
SKU #: 9083, 9084, 9085, 9086

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TEKNATOOL INTERNATIONAL LTD
www.teknatool.com

NOVA SPINDLE ADAPTORS

Provides solutions for those moving from larger to smaller lathe threads and vice versa. Thank you for purchasing this specialized *NOVA Spindle Adaptor* for your NOVA Accessories (chucks, faceplates etc)

IMPORTANT NOTE

As this adaptor is used to create a lathe spindle size that will hold a variety of accessories, run out and performance may vary depending on what accessories you are using. We cannot guarantee run out or performance of these accessories while using this thread adaptor. These specialized Thread Adaptors also have a different warranty from our usual NOVA chucks and NOVA Chuck inserts/adaptors.

4 NOVA SPINDLE ADAPTORS

9083 - M33 x 3.5 female to 1 1/4" x 8TPI male

9084 - M33 x 3.5 female to 1" x 8 TPI male

9085 - 1 1/4" x 8TPI female to 1" x 8TPI male

9086 - 1" x 8TPI female to 1 1/4" x 8TPI Male



NOVA SPINDLE ADAPTOR CONTENTS

- Threaded Adaptor (available in 4 sizes as above)
- Set Screw to lock to lathe spindle
- Nylon Washer
- Instruction Manual

SAFETY RULES

PLEASE READ AND UNDERSTAND SAFETY RULES AND RELEVANT OPERATIONAL SECTIONS LOCATED IN THE MANUAL(S) BEFORE OPERATING THIS NOVA THREAD ADAPTOR, NOVA ACCESSORY AND/OR NOVA MACHINE.

WARNING: THIS NOVA ACCESSORY ITEM IS DESIGNED FOR USE ON NOVA MACHINES ONLY. THEY ARE NOT DESIGNED TO FIT AND SHOULD NOT BE USED WITH ANY OTHER LATHE, TO DO SO COULD CAUSE A MALFUNCTION AND RISK OF SERIOUS INJURY. IF YOU ARE UNSURE OF THE USE OR APPLICATION OF THIS ACCESSORY BEFORE USING, CONTACT YOUR RESELLER OR NOVA CUSTOMER SERVICE DIRECTLY.

DANGER: THIS CHUCK IS CAPABLE OF CONTRIBUTING TO SERIOUS INJURY, AS WITH ANY OTHER POWER TOOL ACCESSORY, IF USED IMPROPERLY ON THE MACHINE.

User must be professionally trained to use this thread adaptor, accessories and machines. Vocational school courses are recommended. As with any other chucking method, an extremely cautious and sensible approach is necessary.

NOTICES!!

- **ALWAYS WEAR EYE PROTECTION WHICH COMPLIES WITH CURRENT ANSI STANDARD Z87.1 (USA). A FULL-FACE SHIELD IS USED AT ALL TIMES.**
- **ENSURE THE THREAD ADAPTOR IS LOCKED SECURELY ON THE SPINDLE. CHECK SPINDLE BY ROTATING AND INSPECTING BY HAND BEFORE POWERING UP THE NOVA LATHE.**
- **EXCESSIVE SPEED IS A SERIOUS MACHINE HAZARD. ALWAYS TURN AT THE LOWEST SPEED POSSIBLE. DO NOT ATTEMPT TO USE THE ADAPTOR AND ACCESSORY UNLESS THE SPEEDS**

ARE KNOWN. YOU MUST STRICTLY FOLLOW THE MAXIMUM SPEED LIMITS SET OUT IN THE OPERATIONAL SECTIONS OF THIS MANUAL. DO NOT EXCEED THEM UNDER ANY CIRCUMSTANCES.

- Speed required will vary with material size. The larger the blank the slower the speed. Consult your lathe manual.
- **EXAMINE WOOD CAREFULLY. ONLY MOUNT SOUND WOOD.** If any cracks or weakness is found in the wood - DO NOT MOUNT.
 - DO NOT MOUNT WOOD THAT IS LIKELY TO BREAK UP DURING TURNING (i.e. rotten or spongy wood). DO NOT USE POORLY LAMINATED WOOD.
- **DO NOT EXCEED MAXIMUM GUIDELINES FOR WOOD BLANK DIAMETER/LENGTH FOR THE DIFFERENT MODES OF OPERATION.**
- **ALWAYS ASSURE WORKPIECE IS GRIPPED SECURELY BEFORE OPERATION TEST BY WRENCHING WORKPIECE.**
 - IF ANY LOOSENING OCCURS, RE-EXAMINE HOLDING AREA FOR ADEQUATE GRIP (following mounting guidelines) AND ANY DAMAGE TO GRIPPING AREA.
- **VERIFY WORKPIECE IS CLEAR OF OBSTRUCTION BY MANUALLY ROTATING WORKPIECE BEFORE SWITCHING POWER ON.** NEVER ATTEMPT TO GRAB AT A MOVING PART, ACCESSORY, CHUCK

MOUNTING THE SPINDLE ADAPTOR

THE SPINDLE ADAPTORS NEED TO BE LOCATED AND SCREWED ON THE LATHE SPINDLE. WE RECOMMEND USING THE NYLON WASHER PROVIDED TO ALLOW FOR A TIGHT, SOLID FIT AGAINST THE LATHE SPINDLE. THIS MAKES THE ADAPTOR EASIER TO REMOVE WHEN YOU ARE FINISHED USING IT.

IT IS IMPORTANT TO LOCATE BOTH SURFACES OF THE THREADED ADAPTOR AGAINST THE FLAT OF THE LATHE SPINDLE AND ENSURE IT IS TIGHTLY SEATED HOME IN THE ACCESSORY USED.

WARNING: ENSURE SET SCREW IS TIGHTLY SCREWED AGAINST THE LATHE SPINDLE TO ENSURE PROPER LOCKING.

MAINTENANCE AND CARE OF YOUR ADAPTORS

- Always follow instructions on installation and use.
- Use correct fixing screws and replace at regular intervals.
- Use a small amount of grease under the head or a copper based anti-seize product to aid removal of fixing screws.
- Clean after use and spray with a protectant product
- Additionally, for longer term storage, wrap in an oil soaked cloth.

WARRANTY

Warranty details and product registry is available online: www.teknatool.com

TWO YEAR FULL REPLACEMENT WARRANTY

This NOVA Product is backed by a warranty period of TWO Years from the date of purchase. Teknatool International/Teknatool USA hereby agrees to make repairs or replace components without charge for any defects due to faulty material or workmanship, excluding run out, provided that

1. The warranty period has not elapsed. Proof of purchase date (sales slip etc.) would need to be forwarded to Teknatool International Ltd.
2. If in our opinion the unit has not been altered, repaired or modified in any way that would affect its operation; has not been subjected to misuse, negligence, accident or not used strictly in accordance with instructions.
3. Where necessary transportation is prepaid by customer to Factory Service Centre, or other authorized Teknatool Service Centre.

Warranty does not cover any costs or damages arising directly or indirectly from the operation of this Teknatool Product. No other guarantee, written or verbal is authorized by Teknatool International/Teknatool USA

INTERNATIONAL CUSTOMERS: Our Teknatool agents may issue their own Store Warranty in addition to our warranty policy, to cover this product. Their terms may vary from those stated above - please check with your dealer.

Our policy is one of continuous improvement. We therefore reserve the right to change specification/design without notice.