

JS25N 25mm Jaw Set

Designed for small bowl (expanding dovetail mode) and small spigot (contracting mode) free end turning work below the size that can be handled by the standard 50mm jaws.



JSPIN Pin Jaw Set

These special 25mm extended jaws are designed to act like a pin chuck - expanding into a pre-bored hole. This is a useful technique for free form edge bowls. The real advantage though is you don't have to bore an exact size as with pin jaws. The longer jaws allow for a very powerful spigot grip for smaller work like lace bobbins etc. It also has a small dovetail to mount small bowls.



JS75N Step Jaw Set

Designed primarily to grip footed bowls in the contracting mode. Provides for optimum grip of three different size foot diameters. Also dovetail mode.



JS-SP35 35mm Spigot Jaws & JS-SP45 45mm Spigot Jaws. These two jaws provide a very powerful contracting spigot grip with the Titan Chuck. For long unsupported spigot turning applications.



SPUR CENTRE Code: NCSC

This is a rugged 4 pronged spur drive with a 19mm square shank, which fits snugly into the Nova/SuperNova jaws. Creep of the spur is prevented as the shank is slotted to allow the chuck jaws to close over it. This spur is the answer for turners who use their Nova Titan almost all of the time but want to be able to do those odd spindle jobs without removing the chuck from the lathe.



INSERT SPANNER Code:23014

Spanner to remove inserts off lathe spindle or from chuck body.



SAFETY

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

Before using the Nova Titan Sinch Chuck, read and understand this instruction manual. Read and understand also the lathe owner's manual. If you do not have a manual, contact the supplier of your lathe to obtain one before using the lathe and chuck.

User must be professionally trained to use this chuck. Vocational school courses are recommended. As with other chucking methods, an extremely cautious and sensible approach is necessary. With the Nova Titan Chuck it is not possible to give exact directions as to the amount of tightening pressure required for workholding. Follow closely strict guidelines in this manual for different jaw types on wood blank diameters and length, plus turning speed.

BEFORE USING Nova Titan Sinch CHUCK MAKE SURE THAT -

- YOU ALWAYS WEAR EYE PROTECTION WHICH COMPLIES WITH CURRENT ANSI STANDARD Z87.1 (USA). WE RECOMMEND THAT A FULL FACE SHIELD BE USED AT ALL TIMES.
- Chuck is properly secured on lathe spindle. Follow mounting instructions for your lathe for faceplates and other spindle fixtures.
- For safety, DO NOT ROTATE CHUCK UNDER POWER WITHOUT WOOD BEING GRIPPED.
- WARNING: EXCESSIVE SPEED IS A SERIOUS LATHE HAZARD. ALWAYS TURN AT THE SLOWEST SPEED POSSIBLE.**
- Speed will vary with wood blank size. The larger the blank the slower the speed. Consult your lathe manual or lathe information plate for speed guidelines.
- DO NOT ATTEMPT TO USE THE CHUCK UNLESS THE LATHE SPEEDS ARE KNOWN. YOU MUST STRICTLY FOLLOW THE MAXIMUM SPEED LIMITS SET OUT IN THE OPERATING SECTION OF THIS MANUAL. DO NOT EXCEED THEM UNDER ANY CIRCUMSTANCES.
- EXAMINE WOOD CAREFULLY. ONLY MOUNT WOOD THAT IS SOUND. If any cracks, splits, or weakness is found in wood - DO NOT MOUNT ON CHUCK. DO NOT MOUNT ANY WOOD THAT IS LIKELY TO BREAK UP DURING TURNING (E.G. ROTTEN OR SPONGY WOOD). DO NOT USE POORLY JOINTED/ LAMINATED WOOD.
- Make sure wood is clamped firmly. Follow mounting instructions for different gripping modes and jaw types. In the expansion mode do not use undue force or jaws may split the wood.
- Do not exceed maximum guidelines in this manual for wood blank diameters/length set out in this manual for different modes and jaw types. **DO NOT USE WITH ANY COPYTURNER OPERATIONS**
- Check wood is securely held in chuck, before operation. Check grip by vigorously wrenching wood blank back and forth. If any loosening occurs, re-examine holding area for adequate grip (Following mounting guidelines) and any damage to holding area. Rotate manually to make sure of clearance before switching power on.
- WARNING FOR SAFE OPERATION. DO NOT EXTEND JAW SLIDES BEYOND CHUCK BODY UNDER ANY CIRCUMSTANCES. ONLY OPERATE CHUCK WITH JAW SLIDE STOP SCREW IN PLACE AND TEST TO MAKE SURE IT IS ADJUSTED OUT TO STOP JAW SLIDE.** This prevents jaw slides from dislodging from chuck.
- Irregular or out of balance stock needs to be turned at the slowest possible speed until it is in balance.
- For use on outboard/left-hand rotation - MAKE SURE INSERT IS SECURELY LOCKED WITH GRUBSCREW BEFORE USE.
- Use only hand held woodturning chisels to shape wood being held in chuck.
- USE THE RIGHT CHISEL FOR THE JOB AND DO NOT FORCE TOOLS.** Use safe and commonly approved chisel techniques. **Wherever possible stand to one side of the revolving wood.**
- WEAR PROPER CLOTHING.** Do not wear any loose clothing, neck ties, gloves, bracelets, rings or other jewellery that could get caught in moving parts. Wear protective hair covering to contain long hair.
- DRUGS, ALCOHOL, MEDICATION.** Do not operate chuck or lathe while under the influence of drugs, alcohol or any medication.
- KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept safe distance from the work area.
- Make workshop childproof with padlocks, master switches, or by removing starter keys. When using on DVR3000 lathe, always ensure that the chuck and insert are securely locked before use. This is to prevent the spindle starting in reverse if the reverse button is accidentally pressed.**