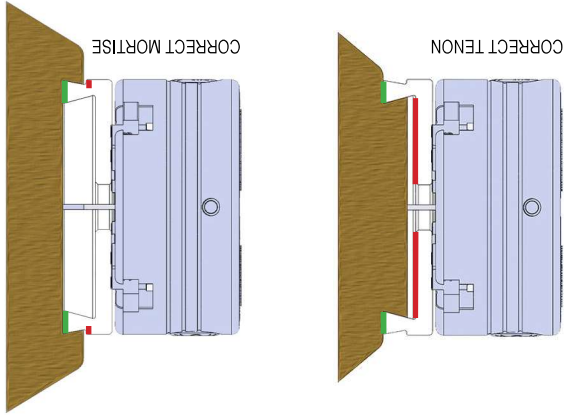


WOOD SHOULD TOUCH GREEN LINE BUT NOT RED LINE



Max Diameter	44.96MM (1.77")
Min	65.60MM (2.58")
Mortise Diameter of Recess for 6100 Jaw Set	

A mortise is where the jaw expands into a recess of a workpiece to grip. This operation is mainly for bowl and platter (Items with parallel wood grain). IT IS NOT RECOMMENDED THAT A MORTISE BE USED FOR ANY LONG WORK (OVER 100mm or 4 inches). DO NOT EXCEED 700RPM WITH THIS OPERATION. OUT OF BALANCE STOCK MUST BE TURNED AT THE SLOWEST SPEED POSSIBLE.

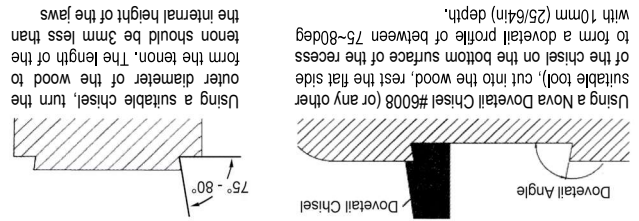
- CHUCK GRIPPING DIRECTION FOR MORTISE -



Max Diameter	39.98MM (1.57")
Min Diameter	19.33MM (0.76")
Square	12.49mm (0.49")
	33.14MM (1.30")
Tenon Diameter for 6100 JAW SET	

A tenon is where the jaw contracts onto the workpiece to grip. This is mainly for box, goblet and vase turning (End grain items with a fair degree of overhang).

- CHUCK GRIPPING DIRECTION FOR TENON -



FORMING A MORTISE OR TENON

Using a Nova Dovetail Chisel #6008 (or any other suitable tool), cut into the wood, rest the flat side of the chisel on the bottom surface of the recess to form the tenon. The length of the tenon should be 3mm less than the internal height of the jaws

WARRANTY

For your convenience and protection, register your warranty online, simply go to www.teknaatool.com



TEN YEAR FULL REPLACEMENT WARRANTY

This Teknatool Product is backed by a warranty period of Ten years from the original date of purchase. Teknatool hereby agrees to make repairs or replace components at its discretion without charge for any defects due to faulty material or workmanship, provided that:

1. The warranty period has not elapsed. Proof of purchase (sales slip etc.) would need to be provided to Teknatool.
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 Ltd.

Our Teknatool resellers may issue their own Warranty in addition to our warranty policy, to cover this product. Their terms may vary from those stated above - please check with your place of purchase.

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

nova®

SKU: 6100

30mm (1.18") Bowl Jaw Set



SCAN FOR MORE INFORMATION



Teknatool International Ltd.

USA: (727) 954-3433 / Intl: (+64) 9 477 5600 / Global Support for all inquiries and repairs go to www.teknaatool.com/support or contact your local dealer.

Find a dealer closest to you by visiting www.teknaatool.com

NOVA 6100 JAW MANUAL

Thank you for purchasing the 30mm (1.18") Bowl Jaw Set. These jaws are perfect for smaller bowls and hollow forms. The thicker jaw profile and dovetail design inside and out, provide stability and holding power for smaller diameter bowls. Shorter tenons and shallower mortices will allow you to use thinner pieces of wood due to the thickness of the jaw face.

YOUR SAFETY (Keep these instructions in a safe place for future reference.)

PLEASE READ AND UNDERSTAND THESE SAFETY RULES BEFORE OPERATING ANY OF THE NOVA ACCESSORY JAWS.

Before using the Teknatool NOVA Chuck and Accessory Jaws, read and understand the instruction manuals including your Lathe manual. If you do not have a lathe manual, contact the supplier of your lathe to obtain one before using the lathe and chuck with these Jaws.

WARNING: The NOVA Accessory Jaws are designed for use on Teknatool NOVA Chucks ONLY. They are not designed to fit and cannot be used with any other Chuck. To do so could cause a malfunction and risk of serious injury. If you are unsure of the use or application of any of the accessory jaws before using contact your stockiest (reseller) or Teknatool directly.

IMPORTANT: Read very carefully the safety section in the Teknatool Chuck Manual before operation and follow closely the safety rules outlined in this Jaw manual. Consult relevant operational sections of the Teknatool Chuck manual before using Jaws.

JAW SLIDES: Make sure that in expansion mode that the amount of travel required is less than the limit of the stop screw, or auto stop. Do not try to force Chuck open further. Always test workpiece is gripped securely in the Jaws. Before operation test by wrenching workpiece in Jaws. If any loosening occurs, re-examine holding area for adequate grip (following mounting guidelines) and any damage to gripping area. Make sure workpiece is clear of obstruction by manually rotating workpiece before switching power on.

WARNING: Excessive speed is a serious lathe hazard. Always turn at the slowest speed possible. Ideal speed will vary with wood blank size. The larger the blank the slower the speed. Consult your lathe and chuck manual or lathe information plate for speed guidelines. Turn only at your comfort and skill level.

SAFE OPERATION

Eye Protection: Woodturning operations can result in objects being thrown into your eyes which can result in severe eye damage. Protective eye wear must be used at all times. Everyday vision wear is not protective eye wear. We recommend a full-face shield. Always wear eye protection which complies with current ANSI Standard Z87 (USA)

Noise Protection: Use ear plugs or ear defenders. Particularly if the noise exceeds 85dB. Exposure to high levels of noise can lead to hearing problems.

Dust Protection: Use respiratory protective equipment (dust mask, portable respirator device). Exposure to high levels of irritating dust when turning or sanding hardwoods, soft woods and manufactured composite boards (MDF) can result in serious health problems. In addition, adequate workshop dust extraction must be used.

CHISEL USE: Use only handheld woodturning chisels to shape wood being held in chuck. Use the recommended chisel for the job. Use safe and commonly approved techniques. Be aware of your chisel in relation to the jaws to ensure they do not contact.

CHECK WORKPIECE: Examine wood blank carefully before mounting on chuck/lathe. Only mount wood that has no cracks, splits, holes or any other weaknesses (e.g. rotten or spongy sections). Do not use poorly jointed or laminated wood. Irregular or out of balance stock needs to be turned at the slowest possible speed until it is in balance. 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.

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. Ensure chuck key has been removed from chuck body.

WARNING: Never attempt to place hands on a moving chuck on a lathe. Wait for the chuck to come to a complete stop before hands are anywhere near the chuck. Trying to grab at a moving chuck could result in SERIOUS INJURY.

WEAR SUITABLE CLOTHING: Do not wear any loose clothing, neck ties, gloves, bracelets, rings or other jewelry 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.

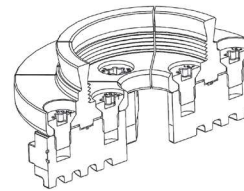
KEEP CHILDREN AND VISITORS AWAY: All children and visitors should be kept safe distance from the work area.



ATTACHING AND REMOVING CHUCK JAWS

The jaws must be properly attached on the chuck to function as intended. Before installation, ensure the jaw slide top surfaces are clear of any dust or debris before attaching the jaws on the chuck.

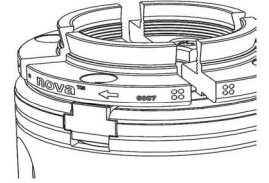
Follow the steps shown below to attach the jaws on the chuck:



1. Arrange the jaw segments so that the dot pattern matches with the same dot pattern on the next segment. Loosely attach the jaw segments on the jawslide with the jaw screws and firmly close the jaws to make sure no light is visible between the jaw segments.

2. Firmly tighten the Nova Jaw screws using the included allen key. To remove the jaw loosen and remove the Nova jaw screw from the chuck.

Tip: After removal, wipe down the jaws and add rust protection before storing.



NOTE: Always mount the jaws clockwise, and match the icons on the side of jaws

nova
Smart Tools, Powerful Solutions

Jaw Ranges and Specifications



EXPANDING GRIP:

50.98MM (2.01") - 71.60MM (2.82")



CONTRACTING GRIP:

Square: 18.49MM (0.73") - 39.14MM (1.54")

Spigot (Tenon): 25.33MM (1") - 45.98MM (1.81")

