



The Turning Point

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Member since 2012

*The next meeting of the Nova Woodturners' Guild is
At Lee Valley Tools, 150 Susie Lake Crescent, Halifax
SUNDAY, January 15, 2023. 1:00 p.m.*

*The next meeting will feature
Stephen Zwerling -
**Considerations Raised by the Wood &
Matters of Technique and Process.***

The President's Workshop January 2023

Gary Landry

Happy New Year to you all. Fingers crossed for a more 'open' year but this pandemic is a stubborn thing.

Our December meeting, also known as our Christmas Social, was well attended and we had plenty of food and beverages. It was really nice to see faces that we have been missing for a long time. We also had one visitor who is likely to become a member too. Members and their guests were gracious enough to listen to me prattle on about the Guild and engage in a discussion I started on "How and when did you get into turning". Some of the pathways were very interesting to hear...some of which span back to junior high school days. And for some of us that definitely was not yesterday!!

The Executive Committee is planning to meet before our monthly meeting so there are no major announcements in this letter. Perhaps some extra information will be announced at our January meeting.

Our demonstrator for the January meeting is **Stephen Zwerling** (member-for-life). I cannot recommend enough that you attend this demo, especially if you are new to turning. Stephen is going to approach his topic with a wide brush. He will be covering aspects of many topics of interest to all turners ranging, for example, from stock selection, through tooling to design and finishing. As this is an omnibus topic, you will get basic information which you can explore more in depth as you get further into woodturning. And, lest the older members feel this is too basic a demo, I can only say that as an older turner I have a need to refocus my attention on techniques that I have allowed to morph into bad habits over time. If you don't learn something of use at this demo I would be very surprised!

Speaking of demos, we have had a problem getting members to present a demo for the Guild. You may not want to do a live demo in case something goes wrong and you would feel embarrassed or, in these pandemic times, you may not be comfortable in larger groups. We expected these problems to happen so the Executive has tried to come up with a hybrid model that can be used in place of an in-person demo. We are able to come to your shop and record a demo that can be played at our meetings at Lee Valley. This would expose you to only one person (two at most) instead of the staff and customers at Lee Valley and the members of the Guild at the meeting. Plus, if you have a catch or a 'blow-out' you can begin again and the 'error' edited out of the recording.

Your demo would then be played to attendees and posted on our website for those who missed the meeting. I strongly suggest that you consider making just such a demo and encourage you to contact me or **Calum Ewing** (Secretary) with a demo that you wish to present. If you would be more comfortable coming to another member's shop to record your demo that can be accommodated too. Do not be shy. We want to hear what you have to share.

Thank you for your support of the Guild. Now, go into your shop and make something round. Consider it cheap therapy for these crazy times!!

Gary Landry – President

Show and Tell



Meeting Notes Dec 11, 2022

Calum Ewing

Meeting held in the Seminar Room, Lee Valley, Halifax

President **Gary Landry** called the annual Christmas social gathering to order at 1:05pm with 15 members, 3 guests and 1 visitor present.

Visitor: **Kevin Foucault** – is just learning to turn and keen to learn more.

Announcements:

- The January meeting demonstration will be by life member **Stephen Zwerling** on Sharpening Turning Tools
- The Executive will be meeting early in the new year to determine how to best use the LaserPecker II Pro that was donated to the Guild
- Record Power is hosting another online demo on Wednesday (Dec 14) at 3:30 AST, on Christmas turnings
- VP **Bill Maes** updated the meeting on a potential display and sale at Scott Manor House museum in Bedford. The museum is still keen for the Guild to display and demo works for a week this summer with sales of work to museum visitors encouraged
- As a result of the recent craft show and sale, the Guild now has a Square Point of Sale reader for future use at shows, taking memberships, etc.

Round Table Discussion: Topic: - 'How I got Started in Turning'

Several members contributed stories and insights into how they got started in turning and steps or courses they took to enhance their knowledge and skills.

Show & Tell:

Dianne Looker showed off a Spruce burl that she had planned to turn. Unfortunately, it cracked during drying and she is looking for suggestions on how to fill the cracks and prevent further checking. Suggested approaches included:

- epoxy resin (with or without decorative filler)
- Cyanoacrylate (CA) glue
- Polymerized tung oil

She also showed a large spinning top in African Blackwood that had broken its shaft and is seeking advice on how to best repair it. The most supported suggestion was to drill out the centres of the broken halves for a small steel pin and secure the three parts together with cyanoacrylate (CA) glue.

Ornament Exchange:

The annual blind ornament exchange was well supported this year with a wide range of contributed ornaments:

Yogi Gutz an Icicle ornament on green resin

Ted Monk a penguin ornament with a custom hook, based on a similar turning by **Rebecca DeGroot**. Ted found that the light wood should be 1/5 of the overall blank to get the contrasting colours to balance correctly

two Gnome ornaments with Spalted Maple hats and Red Cedar noses

Norm Jolivet a hollowed Ball ornament in Maple with finials

Louise Plourde a Christmas Tree ornament in Alder
a second Christmas Tree in Maple

Gary Landry an Icicle ornament in Maple and acrylic
an Icicle ornament in Oak with blue resin

Raffle Results:

This month's raffle was for a Christmas wreath festooned with turned ornaments donated by members. It was won by **Ray Bolman**.

The rest of the time was spent enjoying the contributed treats and socializing. Meeting wrapped up at 2:45pm

- ANNOUNCEMENT - FUN TURN FOR 2023

The Executive Committee of the Nova Woodturners' Guild are pleased to announce the **FUN TURN EVENT** for 2023. Members are encouraged to turn a piece to be brought to the monthly meeting for February (19th). Each member bringing in a piece will be entered into a random draw for one of two \$20 gift cards for **Lee Valley Tools**.

- Members will be responsible for supplying the wood to be turned.
- The wood used may be of any single species.
- The dimensions of the original material are not to exceed 2" X 4" X 8" and
- Each entry must exhibit aspects of both
 - spindle – where the grain direction is parallel to the lathe bed during turning
 - and
 - faceplate– where the grain direction is at right angles to the bed during turning

Good luck to everyone!

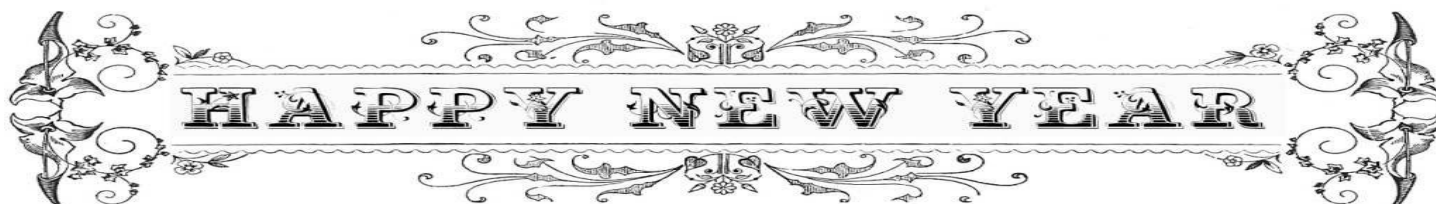
The Ornament Exchange



Chris Palmer provided all the pictures.

The Ornament Exchange





Letters to the Editor

Gary Landry sent this little tidbit.

I don't know how many members have Teknatool chucks and jaws but for those that do they provide a helpful series of charts outlining the different chucks and jaws that they manufacture with capacities (in expansion and compression modes) and which jaws are usable on which chuck, etc.

I put the charts into a Word file and had the nine pages printed on cardstock by Staples for less than \$11 that I assembled into a brochure that I can keep by my lathe. *[File is attached - Editor].*

Teknatool also has a single 20" X 30" poster containing all the above that can be bought for about \$13 (US?) plus shipping, etc. Or, there is a version that is downloadable and printable (one time only) for \$5 (US?) that one could have printed at Staples. Links are:

(20x30 Poster)

<https://www.teknatool.com/products/shopnovapartsdirect/shop-nova-gear/nova-guide-to-selecting-the-correct-chuck-jaws-for-your-woodturning-project/>

Digital Download

<https://www.teknatool.com/products/shopnovapartsdirect/shop-nova-gear/nova-guide-to-selecting-the-correct-chuck-jaws-for-your-woodturning-project-digital-download/>

Calendar of Events

Date	Subject	Location
September 18, 2022	Registration Meet-n'-Greet / Various Developments	Lee Valley Tools
October 16, 2022	Dave McLachlan Sanding Tools	Lee Valley Tools
November 20, 2022	Richard Ford "Not Jimmy's Platter"	Lee Valley Tools
December 11, 2022	Xmas Social Food, Talking and stuff	Lee Valley Tools
January 15, 2023	Stephen Zwerling Considerations Raised by the Wood and Matters of Technique and Process.	Lee Valley Tools
February 19, 2023		Lee Valley Tools
March 19, 2023		Lee Valley Tools
April 16, 2023		Lee Valley Tools
May 7, 2023		Lee Valley Tools
June 11, 2023	AGM	Lee Valley Tools

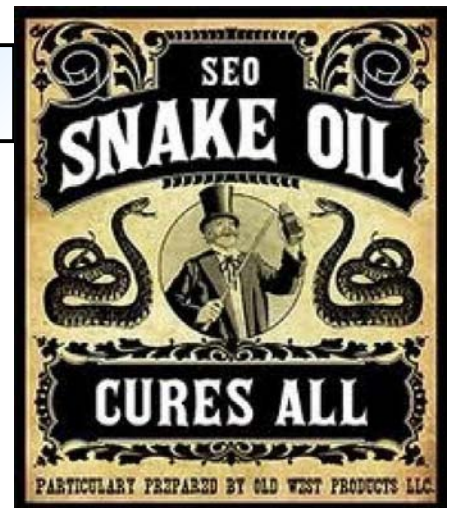
(Third Sunday of the month, 1:00 pm.)

<h3 style="margin: 0;">The Raffle Booth</h3>	Norm Jolivet / Yogi Gutz
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Raffle Results:

A raffle was held for a wreath which was decorated with turned ornaments made and donated by the members

After much ribbing, **Dianne Looker** collected the prize for **Ray Bolman**.



Nova Woodturners' Guild – 2022/23 Executive

Our e-mail now reflects a more consistent method of communicating with the various offices in the Nova Woodturners' Guild. The recipients will change as the need arises but a note sent to the president will go to who ever is president at that time. All the following <address> should be followed by @novawoodturnersguild.com to send mail to that person

<address>@novawoodturnersguild.com

Position	<address>		
Executive	executive (sends the message to all executive positions on the list)		
President	president (or) pres	Gary Landry	
Vice President	vice-president (or) vp	Bill Maes	
Secretary	secretary	Calum Ewing	
Treasurer	treasurer	Dave McLachlan	
Director at Large	director-at-large	Brian Sharp	
Committees			
Library	library	Jim Diamond Richard Ford	C
Web Site	webmaster	Richard Ford	C
Membership & Promotion	membership	Vacant	C
Newsletter	newsletter (or) news	Norm Jolivet	C
Competition	competition	Vacant	C
Guild Photographer	photographer (or) photos	Chris Palmer	
Fund Raising	Raffles	Norm Jolivet Yogi Gutz	C
Nominating	nominations	Bill Maes	C
Members Group	members	30+ members	

To add or remove yourself from the group email: webmaster@novawoodturnersguild.com

Note: to email all NWG members you must go via the club secretary.

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Email: service@teknatool.comWebsite: www.teknatool.com

Frequently Asked Questions

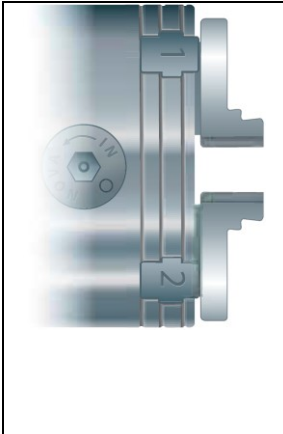
Jaw Capacity when mounted on a particular chuck (Imperial)

Date Raised: 12 May 2017

Safe practices should always be employed to ensure the Health and Safety of yourself, employees and customers (if applicable) Refer to product manuals, exploded drawings and our website if further assistance is required, or contact us on service@teknatool.com

Date Amended

JS20N Mini 20mm (3/4") Jaws

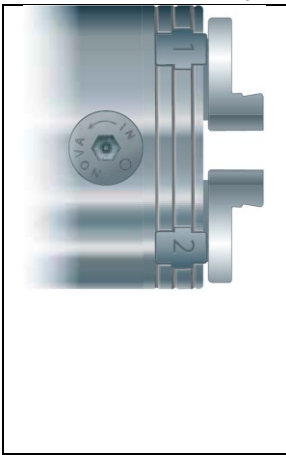


Ideal for small bowl and small unsupported spigot turning work. Perfect for mini/ midi lathe work below the size that can be handled by the 50mm jaw set.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
	Min	Max	Square Stock		Spigot Mode	
Min			Max	Min	Max	
Precision Midi*	0.79	1.63	0.39	0.79	0.32	1.18
Nova G3	0.79	1.63	0.39	0.79	0.32	1.18
SuperNova2	0.79	1.63	0.39	0.79	0.32	1.18
Titan	0.79	2	0.39	1.18	0.32	1.57

JS25N 25mm (1") Jaws

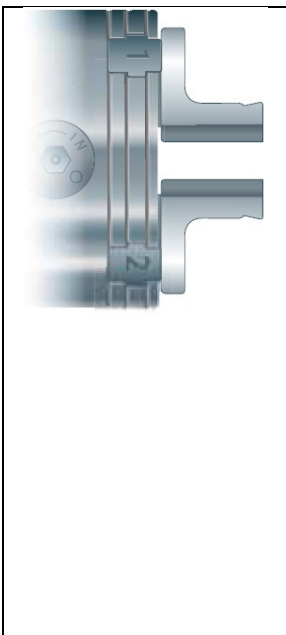


One of our most popular and convenient jaws for small bowl and small unsupported spigot turning work. Ideal for mini/midi lathe work, or for work below the size that can be handled by the 50mm jaw set.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	1.024	1.417	0.354	0.709	0.394	0.787
Nova G3	1.024	1.811	0.354	1.102	0.394	1.22
SuperNova2	1.024	1.811	0.354	1.102	0.394	1.22
Titan	1.024	2.205	0.354	1.496	0.394	1.614

JSPIN Pin Jaws




These extended jaws act like a pin chuck, expanding into a pre-bored hole. A useful technique for free form edge bowls as you don't have to bore an exact size as with other pin jaws. The longer jaws allow for a very powerful spigot grip for smaller work. Also features a small dovetail which grips work away from chuck face, allowing access to some outside bowl turning.



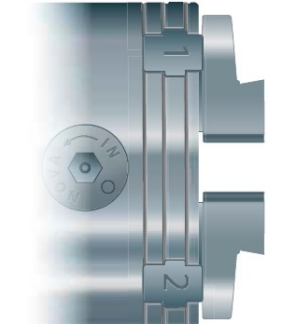

Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	1.024	1.378	0.276	0.669	0.394	0.748
Nova G3	1.024	1.811	0.276	1.102	0.394	1.22
SuperNova2	1.024	1.811	0.276	1.102	0.394	1.22
Titan	1.024	2.244	0.276	1.496	0.394	1.614

6026 Mini Spigot Jaws

		<p>These are powerful spigot jaws for smaller delicate work. The longer jaws allow for strong spigot and precise grip needed for unsupported small, longer work. A dovetail profile allows for expansion into small recesses.</p> 
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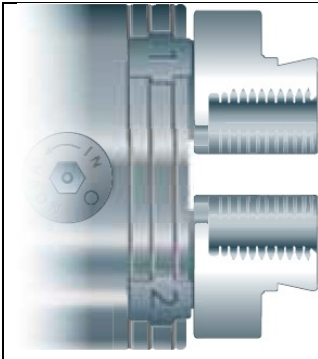
Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	1	1.77	0.39	1.22	0.32	1.18
Nova G3	1	1.77	0.39	1.22	0.32	1.18
SuperNova2	1	1.77	0.39	1.22	0.32	1.18
Titan	1	2.16	0.39	1.61	0.32	1.57

6019 35mm (1.35") Bowl Jaws

		<p>The 35mm bowl jaws fit perfectly into the current jaw range, filling the gap between the 25mm and 50mm. These jaws are perfect for small to medium sizes with maximum grip provided by the dovetail.</p> 
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Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	1.496	1.85	0.315	0.709	0.394	0.748
Nova G3	1.496	2.323	0.315	1.142	0.394	1.22
SuperNova2	1.496	2.323	0.315	1.142	0.394	1.22
Titan	1.496	2.717	0.315	1.535	0.394	1.614

JS-SP35 35mm (1.35") Spigot Jaws

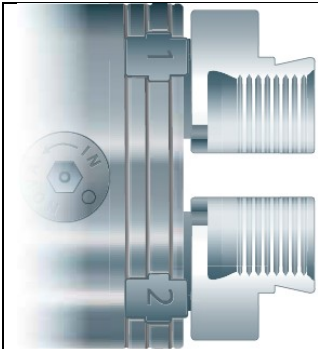


Specially designed to provide a strong contracting grip to unsupported spigot turning applications, e.g. vases and goblets. It can handle spigots from 30mm (13/36") to 50mm (2"). Also features expanding grip mode for bowls.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
	Min	Max	Square Stock		Spigot Mode	
Suitable Chuck	Min	Max	Min	Max	Min	Max
Precision Midi*	2.047	2.402	0.984	1.378	1.22	1.575
Nova G3	2.047	2.835	0.984	1.772	1.22	1.969
SuperNova2	2.047	2.835	0.984	1.772	1.22	1.969
Titan	2.047	3.268	0.984	2.165	1.22	2.362

JS-SP45 45mm (1.8") Spigot Jaws

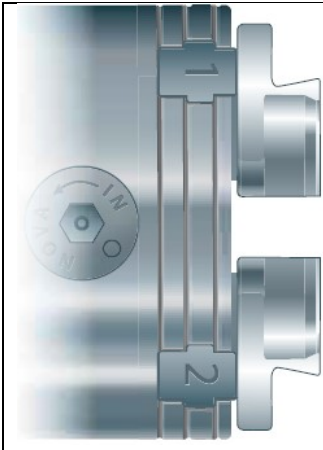


Same style as the 35mm spigot, these jaws provide a strong contracting grip to unsupported spigot turning applications e.g. vases, goblets. Can handle spigots from 38mm (1.5") to 60mm (2.38"). Also, has expanding grip mode for bowls.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
	Min	Max	Square Stock		Spigot Mode	
Suitable Chuck	Min	Max	Min	Max	Min	Max
Precision Midi*	2.047	2.402	1.22	1.575	1.614	1.969
Nova G3	2.047	2.835	1.22	2.008	1.614	2.402
SuperNova2	2.047	2.835	1.22	2.008	1.614	2.402
Titan	2.047	3.228	1.22	2.402	1.614	2.795

JS70N 70mm (2.75") Jaws

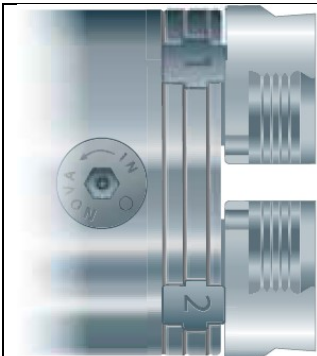


These extremely versatile jaws are a bigger version of the standard 50mm jaws and are particularly suitable for larger work, including hollow forms.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	2.76	3.54	1.46	2.56	2.2	3
Nova G3	2.76	3.54	1.46	2.56	2.2	3
SuperNova2	2.76	3.54	1.46	2.56	2.2	3
Titan	2.76	3.94	1.46	2.95	2.2	3.43

6014 75mm (3") Bowl Jaws

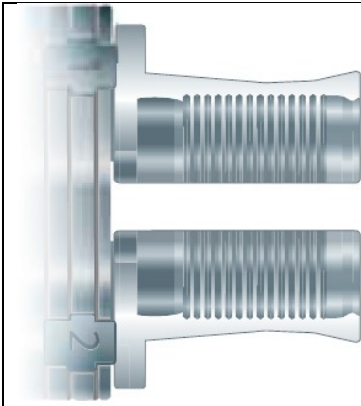


The deep and smooth dovetail walls are three times the thickness of conventional jaw types for rugged work holding for larger/heavier bowl work. The jaw screws go right through the wall section to add more securing force where it is needed the most.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	Not Recommended					
Nova G3	3.189	4.016	1.339	2.165	1.831	2.657
SuperNova2	3.189	4.016	1.339	2.165	1.831	2.657
Titan	3.189	4.409	1.339	2.48	1.831	3.051

6017 Long Nosed Jaws

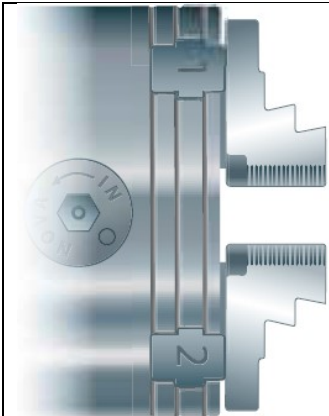


A 50mm (2") rise above their mounting base means a very long reach deep inside of bowls, providing tremendous holding power externally and internally making this a very versatile jaw. Internally features a dovetail grip for holding bowl bases. It is ideal for green wood turning.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	Not Recommended					
Nova G3	2.126	2.874	1.142	1.969	1.575	2.362
SuperNova2	2.126	2.874	1.142	1.969	1.575	2.362
Titan	2.126	3.346	1.142	2.402	1.575	2.835

6025 Mini Step Jaws



These multi-purpose dual grip jaws are designed to grip small to medium sized recesses in expansion, as well as smaller spigots in contraction, such as pen blanks.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi Step 1	1.06	1.93	Not Applicable		Not Applicable	
Precision Midi Step 2	1.45	2.28	0.36	1.1	0.41	1.24
Nova G3 Step1	1.06	1.93	Not Applicable		Not Applicable	
Nova G3 Step2	1.45	2.28	0.36	1.1	0.41	1.24

SN2 Step 1	1.06	1.93	Not Applicable			Not Applicable	
SN2 Step 2	1.45	2.28	0.36	1.1	0.41	1.24	
Titan Step1	1.06	2.32	Not Applicable			Not Applicable	
Titan Step2	1.45	2.72	0.36	1.5	0.41	1.63	

JS75DT Step Jaws



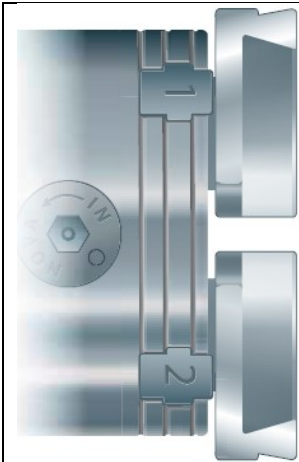


Great for gripping the base of footed bowls in the contracting mode. Three step sizes provide optimum gripping for three base sizes with minimal crush damage to the wood. Optimum step sizes: 42mm (1.65"), 50mm (2") and 64mm (2.5").

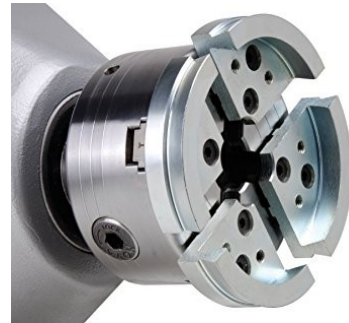


Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
	Min	Max	Square Stock		Spigot Mode	
Suitable Chuck	Min	Max	Min	Max	Min	Max
Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
Nova G3 Step 1	Not Applicable		1.181	2.008	1.634	2.461
Nova G3 Step 2	Not Applicable		1.417	2.244	1.988	2.815
Nova G3 Step 3	3.051	3.839	1.772	2.598	2.5	3.287
SN2 Step1	Not Applicable		1.181	2.008	1.634	2.461
SN2 Step2	Not Applicable		1.417	2.244	1.988	2.815
SN2 Step3	3.051	3.839	1.772	2.598	2.5	3.287
Titan Step1	Not Applicable		1.181	2.402	1.634	2.894
Titan Step2	Not Applicable		1.417	2.638	1.988	3.209
Titan Step3	3.051	4.272	1.772	2.992	2.5	3.681

JS100N 100mm (4") Jaws

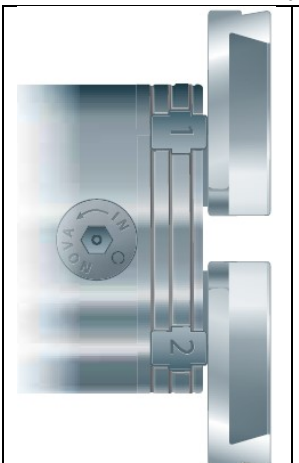


Designed for expanded dovetail, reverse dovetail and for gripping footed bowls, this is one of our most popular jaws mount 12-14" bowls. It can also mount false wooden jaws, so customised jaws can be made for special purposes.



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	Not Recommended					
Nova G3	3.819	4.646	2.205	3.031	3.071	3.898
SuperNova2	3.819	4.646	2.205	3.031	3.071	3.898
Titan	3.819	5.039	2.205	3.425	3.071	4.291

JS130N 130mm (5") Jaws



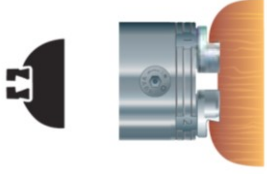
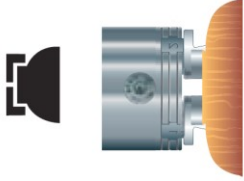
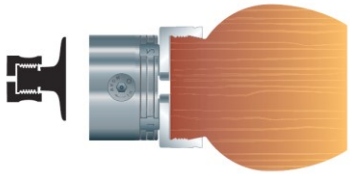
The big brother to the 100mm jaw set, designed to handle larger shallow bowl and platter work up to 750mm (2 in diameter). An ideal jaw for the SuperNova2 (the position this chuck matches the big capacity of these jaws).



Jaw Set & Chuck Suitability	Expanding Action Specifications		Contracting Action Specifications			
Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
			Min	Max	Min	Max
Precision Midi*	Not Recommended					
Nova G3	Not Recommended					
SuperNova2	5	5.787	3.031	3.819	4.213	5.039
Titan	5	6.181	3.031	4.213	4.213	5.433

How chucks work

All chuck jaws, except some specialist jaws, feature combinations of the general functions shown below. These combinations and their capacities make each jaw set suitable for a variety of unique as well as general functions, meaning that each jaw set offers excellent value for money and flexibility.

		
<p>Expansion Function The dovetail profile of the jaws provides an excellent way to grip workpieces from the inside, for example when a visible spigot is not desired on bowls. Deeper jaws are suited to other projects, such as pepperpots.</p>	<p>Contraction Function Another popular method of holding bowls is to grip a spigot (or base) from the outside. The jaws also feature a dovetail profile for this external gripping function to ensure a strong, secure hold on the workpiece. External gripping can be used for a variety of projects from bowls to large hollow vessels such as vases.</p>	<p>Gripping Function Some jaws in the range feature teeth on the inner walls of the jaws, making them ideal for a variety of uses from holding irregular timber such as green wood and logs to holding very large and heavy workpieces which can be parted off when complete.</p>