

# Chuck Accessory Jaw Travel Table (Inch)

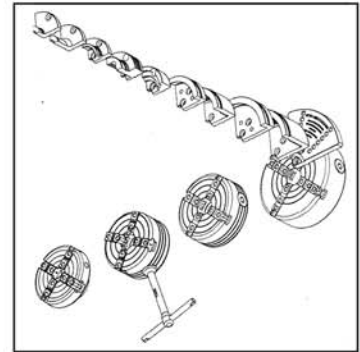
Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
Jaw Set	Suitable Chuck	Min	Max	Square Stock		Spigot Mode	
				Min	Max	Min	Max
Mini 20mm Jaws	Precision Midi*	0.79	1.63	0.39	0.79	0.32	1.18
	Nova G3	0.79	1.63	0.39	0.79	0.32	1.18
	SuperNova2	0.79	1.63	0.39	0.79	0.32	1.18
	Titan	0.79	2	0.39	1.18	0.32	1.57
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Mini Spigot Jaws	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
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25mm JAW	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	1.220
	SuperNova2	1.024	1.811	0.354	1.102	0.394	1.220
	Titan	1.024	2.205	0.354	1.496	0.394	1.614
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Mini Step JAW	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
	Titan	1.06	2.32	Not Applicable		Not Applicable	
	Titan	1.45	2.72	0.36	1.5	0.41	1.63
PIN JAW	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	1.220
	SuperNova2	1.024	1.811	0.276	1.102	0.394	1.220
	Titan	1.024	2.244	0.276	1.496	0.394	1.614
35mm Bowl JAW	Precision Midi*	1.496	1.850	0.315	0.709	0.394	0.748
	Nova G3	1.496	2.323	0.315	1.142	0.394	1.220
	SuperNova2	1.496	2.323	0.315	1.142	0.394	1.220
	Titan	1.496	2.717	0.315	1.535	0.394	1.614
50mm JAW	Precision Midi*	2.008	2.402	1.220	1.614	1.654	2.047
	Nova G3	2.008	2.835	1.220	2.047	1.654	2.520
	SuperNova2	2.008	2.835	1.220	2.047	1.654	2.520
	Titan	2.008	3.228	1.220	2.441	1.654	2.874
STEP JAW	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	2.500	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	2.500	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	2.500	3.681
35mm SPIGOT JAW	Precision Midi*	2.047	2.402	0.984	1.378	1.220	1.575
	Nova G3	2.047	2.835	0.984	1.772	1.220	1.969
	SuperNova2	2.047	2.835	0.984	1.772	1.220	1.969
	Titan	2.047	3.268	0.984	2.165	1.220	2.362
45mm SPIGOT JAW	Precision Midi*	2.047	2.402	1.220	1.575	1.614	1.969
	Nova G3	2.047	2.835	1.220	2.008	1.614	2.402
	SuperNova2	2.047	2.835	1.220	2.008	1.614	2.402
	Titan	2.047	3.228	1.220	2.402	1.614	2.795
70mm Jaws	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
75mm BOWL JAW	Precision Midi*	Not Recommended		Not Recommended		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	2.480	1.831	3.051
Long Nose JAW	Precision Midi*	Not Recommended		Not Recommended		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
100mm JAW	Precision Midi*	Not Recommended		Not Recommended		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
130mm JAW	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	Not Recommended		Not Recommended		Not Recommended	
	SuperNova2	5.000	5.787	3.031	3.819	4.213	5.039
	Titan	5.000	6.181	3.031	4.213	4.213	5.433
POWERGRIP JAW	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	Not Recommended		Not Recommended		Not Recommended	
	SuperNova2	3.740	4.567	2.165	2.992	3.031	3.858
	Titan	3.740	4.961	2.165	3.386	3.031	4.252
TITAN POWERGRIP JAW	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	Not Recommended		Not Recommended		Not Recommended	
	SuperNova2	Not Recommended		Not Recommended		Not Recommended	
	Titan	4.961	6.181	3.031	4.252	4.213	5.472

Jaw Set & Chuck Suitability		Expanding Action Specifications	
Jaw Set	Suitable Chuck	Max	
		Cole Jaw	Precision Midi*
Nova G3	9.291		
SuperNova2	9.291		
Titan	9.449		
Mini Cole Jaw	Precision Midi*	6.181	
	Nova G3	6.693	
	SuperNova2	6.693	
	Titan	7.087	

Please note, Tolerance of +/-1mm on all measurements  
All measurements in mm  
\* Measurements with stop-screw  
\*\* Recommended with Caution

## Full Cross Function

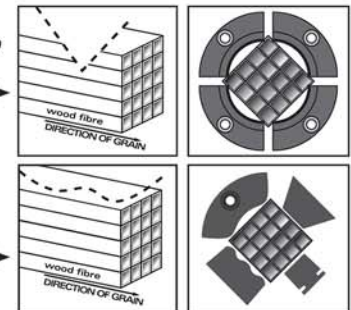
Only NOVA Chucks give you the same jaw fixing system and same insert/adaptor system across all chuck models. This means all accessory jaws in the range fit all the chucks in the range, including older chuck models\*, giving you the ultimate flexibility. In buying a NOVA chuck, you can be confident that whether you want to move up or down the range, any accessories you have invested in will fit.



## Special Dovetail Profile

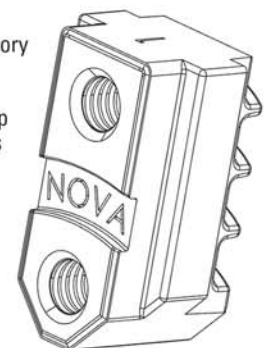
NOVA chucks have been especially designed so the jaws will cut into the wood, grip firmly in the contraction mode and provide high tear out strength.

Some chucks use an engineering jaw profile (designed to hold a hard material like steel) or rounded profiles, which just crush the wood fibres without digging in and holding securely.



## Special Jaw Slides

- All NOVA Chucks use the same fixing method, meaning appropriate\* accessory jaws can be fitted across the range to any NOVA Chuck.
- The jaw slides have automatic jaw stop safety feature - automatically prevents the jaw slides coming out from the chuck body.
- Precision fit, designed for a long, tough life.
- Large section guideways and large surface area for long term surface and wear resistance.
- Teeth have radiused edge profiles to reduce wear and frictional resistance on scroll ring.
- Made from iron composite impregnated with copper - copper has outstanding qualities as an anti-seize and low friction agent. The copper is fused into the matrix for finest mechanical properties.



\*Not all accessory jaws are recommended for use on every chuck in the range, for example large accessory jaws designed for big work are not recommended for use on the small Precision Midi Chuck. Check comprehensive accessory jaw manual or pamphlet if in doubt, or ask your reseller. Copyright © 2011 Teknatool® International. All rights reserved. Teknatool® USA, Inc. Due to NOVA's continual product development and improvement policy, product features and specifications may change without notice.