MINI Jaw Travel Range Table

Imperial

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
Mini 20mm Jaws JS20N	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
Mini Spigot Jaws 6026	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
Mini Step JAW 6025	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
70mm Jaws JS70N	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

Metric

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
Mini 20mm Jaws JS20N	Precision Midi*	20	41.5	10	20	8	30
	Nova G3	20	41.5	10	20	8	30
	SuperNova2	20	41.5	10	20	8	30
	Titan	20	51.5	10	30	8	40
Mini Spigot Jaws 6026	Precision Midi*	25	45	10	31	8	30
	Nova G3	25	45	10	31	8	30
	SuperNova2	25	45	10	31	8	30
	Titan	25	55	10	41	8	40
Mini Step JAW 6025	Precision Midi Step 1	27	49	**Not Applicable**		**Not Applicable**	
	Precision Midi Step 2	37	58	9	28	10.5	31.5
	Nova G3 Step1	27	49	**Not Applicable**		**Not Applicable**	
	Nova G3 Step2	37	58	9	28	10.5	31.5
	SN2 Step 1	27	49	**Not Applicable**		**Not Applicable**	
	SN2 Step 2	37	58	9	28	10.5	31.5
	Titan Step1	27	59	**Not Applicable**		**Not Applicable**	
	Titan Step2	37	69	9	38	10.5	41.5
70mm Jaws JS70N	Precision Midi*	70	90	37	65	56	77
	Nova G3	70	90	37	65	56	77
	SuperNova2	70	90	37	65	56	77
	Titan	70	100	37	75	56	87

25mm Jaw Travel Range Table

Imperial

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
25mm JAW JS25N	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

Metric

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
25mm JAW JS25N	Precision Midi*	26	36	9	18	10	20
	Nova G3	26	46	9	28	10	31
	SuperNova2	26	46	9	28	10	31
	Titan	26	56	9	38	10	41

1 inch PIN Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
PIN JAW JSPIN	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

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
PIN JAW JSPIN	Precision Midi*	26	35	7	17	10	19
	Nova G3	26	46	7	28	10	31
	SuperNova2	26	46	7	28	10	31
	Titan	26	57	7	38	10	41

35mm Bowl Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
35mm Bowl JAW 6019	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

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
35mm Bowl JAW 6019	Precision Midi*	38	47	8	18	10	19
	Nova G3	38	59	8	29	10	31
	SuperNova2	38	59	8	29	10	31
	Titan	38	69	8	39	10	41

50mm Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
50mm JAW JS50N	Precision Midi*	2.008	2.402	1.22	1.614	1.654	2.047
	Nova G3	2.008	2.835	1.22	2.047	1.654	2.52
	SuperNova2	2.008	2.835	1.22	2.047	1.654	2.52
	Titan	2.008	3.228	1.22	2.441	1.654	2.874

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
50mm JAW JS50N	Precision Midi*	51	61	31	41	42	52
	Nova G3	51	72	31	52	42	64
	SuperNova2	51	72	31	52	42	64
	Titan	51	82	31	62	42	73

75mm Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
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

6014	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

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
75mm BOWL JAW 6014	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	81	102	34	55	46.5	67.5
	SuperNova2	81	102	34	55	46.5	67.5
	Titan	81	112	34	63	46.5	77.5

Long Nose Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
Long Nose JAW 6017	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

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
Long Nose JAW	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3**	54	73	29	50	40	60

6017	SuperNova2	54	73	29	50	40	60
	Titan	54	85	29	61	40	72

Step Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
STEP JAW JS75DT	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

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3 Step1	**Not Applicable**		30	51	41.5	62.5
	Nova G3 Step2	**Not Applicable**		36	57	50.5	71.5
	Nova G3 Step3	77.5	97.5	45	66	63.5	83.5

STEP JAW JS75DT	SN2 Step 1	Not Applicable		30	51	41.5	62.5
	SN2 Step 2	Not Applicable		36	57	50.5	71.5
	SN2 Step 3	77.5	97.5	45	66	63.5	83.5
	Titan Step1	Not Applicable		30	61	41.5	73.5
	Titan Step2	Not Applicable		36	67	50.5	81.5
	Titan Step3	77.5	108.5	45	76	63.5	93.5

35mm & 45mm SPIGOT Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
35mm SPIGOT JAW JS-SP35	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
45mm SPIGOT JAW JS-SP45	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

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
35mm SPIGOT JAW	Precision Midi*	52	61	25	35	31	40
	Nova G3	52	72	25	45	31	50

JS-SP35	SuperNova2	52	72	25	45	31	50
	Titan	52	83	25	55	31	60
45mm SPIGOT JAW JS-SP45	Precision Midi*	52	61	31	40	41	50
	Nova G3	52	72	31	51	41	61
	SuperNova2	52	72	31	51	41	61
	Titan	52	82	31	61	41	71

JS100mm Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
100mm JAW JS100N	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

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
100mm JAW JS100N	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	97	118	56	77	78	99
	SuperNova2	97	118	56	77	78	99
	Titan	97	128	56	87	78	109

JS130mm Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
130mm JAW JS130N	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	Not Recommended		Not Recommended		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

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
130mm JAW JS130N	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	Not Recommended		Not Recommended		Not Recommended	
	SuperNova2	127	147	77	97	107	128
	Titan	127	157	77	107	107	138

Power Grip Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
POWERGRIP JAW	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	Not Recommended		Not Recommended		Not Recommended	

PJSN	SuperNova2	3.74	4.567	2.165	2.992	3.031	3.858
	Titan	3.74	4.961	2.165	3.386	3.031	4.252

Metric (mm)

Jaw Set & Chuck Suitability		Expanding Action Specifications		Contracting Action Specifications			
				Square Stock		Spigot Mode	
Jaw Set	Suitable Chuck	Min	Max	Min	Max	Min	Max
POWERGRIP JAW PJSN	Precision Midi*	Not Recommended		Not Recommended		Not Recommended	
	Nova G3	Not Recommended		Not Recommended		Not Recommended	
	SuperNova2	95	116	55	76	77	98
	Titan	95	126	55	86	77	108

Cole/MINI Cole Jaw Travel Range Table

Imperial (Inch)

Jaw Set & Chuck Suitability		External Bowl Grip	Internal Bowl Grip
Jaw Set	Suitable Chuck	Max	Max
COLE JAW JSCOLE	Precision Midi*	8.661	~ 11
	Nova G3	9.291	~ 11
	SuperNova2	9.291	~ 11
	Titan	9.449	
MINI COLE JAW 6006	Precision Midi*	6.181	~8.5
	Nova G3	6.693	~8.5
	SuperNova2	6.693	~8.5
	Titan	7.087	

Metric (mm)

Jaw Set & Chuck Suitability	External	Internal

Jaw Set	Suitable Chuck	Bowl Grip Max	Bowl Grip Max
COLE JAW JSCOLE	Precision Midi*	220	~280
	Nova G3	236	~280
	SuperNova2	236	~280
	Titan	240	
MINI COLE JAW 6006	Precision Midi*	157	~215
	Nova G3	170	~215
	SuperNova2	170	~215
	Titan	180	