



The Next Generation 3 Jaw Power Chuck From Kitagawa

- 1 HIGHER ACCURACY**
Gripping accuracy of <math><0.01\text{mm}</math> T.I.R. Immediately after jaw forming.
- 2 IMPROVED REPEATABILITY**
Gripping accuracy of <math><0.01\text{mm}</math> T.I.R. or less immediately after reattaching jaws when using Kitagawa Trut-Plus. No need to reform the jaws.
- 3 REDUCED JAW LIFT**
Improves stability, especially in high speed turning. Tool life and surface finish can be improved compared to other 3 jaw chucks.
- 4 INTERCHANGEABLE**
With Kitagawa B-200 and BB200 series chucks, old chucks can be easily replaced.
- 5 LARGE THROUGH HOLE**
53mm (6" chuck), 66mm (8" chuck), 81mm (10" chuck) & 106mm (12" chuck).
- 6 FIRST & SECOND OP MACHINING**
Due to the high accuracy, the BR Series can be used for rough and finish turning, even in high production turning environments.



3 Jaw Power Chuck With Quick Change Jaws

- 1 QUICK CHANGE JAWS**
Soft and hard jaws can be changed quickly and simply by removing the master jaws which are unlocked by a t-wrench.
- 2 COMPATIBLE JAWS**
No need for special jaws, fully compatible with other Kitagawa chuck jaws with 60° serrations.
- 3 INTERCHANGEABLE**
With Kitagawa B-200 and BB200 series chucks, old chucks can be easily replaced.
- 4 LARGE THROUGH HOLE**
53mm (6" chuck), 66mm (8" chuck), 81mm (10" chuck) & 106mm (12" chuck).
- 5 FLEXIBLE**
Suitable for small and large batch production.



QUICK CHANGE JAW OPERATION

Standard soft or hard jaws with 60° serrations are attached to the base jaws using 2 locating bolts which can be changed whilst removed from the chuck, reducing downtime caused by changing jaws on the machine in a standard chuck.

The master jaws are unlocked/locked using the t-wrench supplied and slide out of or into the chuck easily by hand. With the Kitagawa QJR series you can be machining again in seconds.

CNC POWER CHUCKS

Kitagawa Hydraulic Power Chucks



KITAGAWA BR SERIES HIGH PRECISION LARGE THROUGH-HOLE, HIGH SPEED POWER CHUCK

- ▶ Gripping accuracy of 0.01 mm T.I.R. or less
- ▶ Reduced jaw-lift for more stable turning
- ▶ Uses standard 60° 1.5mm serration soft and hard jaws
- ▶ With Tnut-Plus optional dedicated T-nuts, the repeatability of jaws at detaching and re-attaching is 0.01mm T.I.R. or less. No need to re-form the jaws



BR
SERIES

DIA	Thru' Hole	Gripping Range		Jaw Stroke (mm)	Plunger Stroke (mm)	Max. Draw Bar Pull Force	Max. Static Gripping Force	Max. Speed (RPM)	Moment of Inertia (kg m ²)	Net Weight (with Soft Top Jaws)	T-Nut Plus	Jaw		ORDER CODE	PRICE
		Min	Max									Key Way	Hole Centre		
170	53	16	170	5.5	12	23 kN	58.5 kN	6000	0.052	12.8kg	TN06PLUS	12	20	BR06	POA
210	66	22	210	7.4	16	35 kN	90 kN	5000	0.14	22.2kg	TN08PLUS	14	25	BR08	
254	81	31	254	8.8	19	49 kN	123 kN	4500	0.32	35.8kg	TN10PLUS	16	30	BR10	
315	106	44	315	10.6	23	60 kN	156 kN	3500	0.8	57kg	TN12PLUS	21	30	BR12	

KITAGAWA QJR SERIES QUICK CHANGE LARGE THROUGH-HOLE, HIGH SPEED POWER CHUCK

- ▶ Quick change base jaws
- ▶ Uses standard 60° 1.5mm serration soft and hard jaws
- ▶ Supplied with t-wrench and 2 sets of base jaws



QJR
series

DIA	Thru' Hole	Gripping Range		Jaw Stroke (mm)	Plunger Stroke (mm)	Max. Draw Bar Pull Force	Max. Static Gripping Force	Max. Speed (RPM)	Moment of Inertia (kg m ²)	Net Weight	Base Jaws	Jaw		ORDER CODE	PRICE
		Min	Max									Key Way	Hole Centre		
178	53	9	178	7.4	15	25 kN	60 kN	6000	0.06	14kg	QJR07-BJ00	12	20	QJR07	POA
215	66	16	210	7.4	16	45 kN	100 kN	5000	0.18	25kg	QJR08-BJ00	14	25	QJR08	
254	81	22	254	8.8	19	60 kN	135 kN	4500	0.41	45kg	QJR10-BJ00	16	30	QJR10	
315	106	18	315	10.6	23	81 kN	180 kN	3500	1.15	75kg	QJR12-BJ00	21	30	QJR12	

KITAGAWA N SERIES HIGH PRECISION CLOSED CENTRE, HIGH SPEED POWER CHUCK

- ▶ Strong gripping force and high durability
- ▶ Closed centre standard chuck
- ▶ Uses standard 60° 1.5mm serration soft and hard jaws



DIA	Gripping Range		Jaw Stroke (mm)	Plunger Stroke (mm)	Max. Draw Bar Pull Force	Max. Static Gripping Force	Max. Speed (RPM)	Moment of Inertia (kg m ²)	Net Weight (with Soft Top Jaws)	Jaw		ORDER CODE	PRICE
	Min	Max								Key Way	Hole Centre		
110	8	110	6.4	15	8.2	22.8	6000	0.008	4.1	10	14	N-04	POA
135	16	135	6.4	15	8.2	25.2	5500	0.015	6.2	10	18	N-05	
165	15	165	8.5	20	18	52.5	5270	0.045	13	12	20	N-06	
210	23	210	8.8	21	25	75	4760	0.138	25	14	25	N-08	
254	24	254	8.8	25	29	108	4010	0.3	37	16	30	N-10	
304	26	304	10.5	30	41	156	3380	0.725	57.3	21	30	N-12	
381	72	381	16	35	82	249	3040	1.9	101	22	43	N-15	
450	133	450	16	35	82	249	2710	3.3	126	22	43	N-18	
530	69	530	16	35	82	273	1940	7.1	198	25	60	N-21	
610	152	610	16	35	82	273	1760	12	252	25	60	N-24	