



**CHUCK**

# Quick Jaw Replacement Chuck

**QJR series**

## Suitable for small and large batch production Quick & smooth Jaw Replacement

### Quick Jaw Replacement

2 types of easy replacement jaws, Serration and Tongue & Groove, are available as options. Jaw can be replaced quickly and easily by handle supplied.

### Suitable for small and large batch production

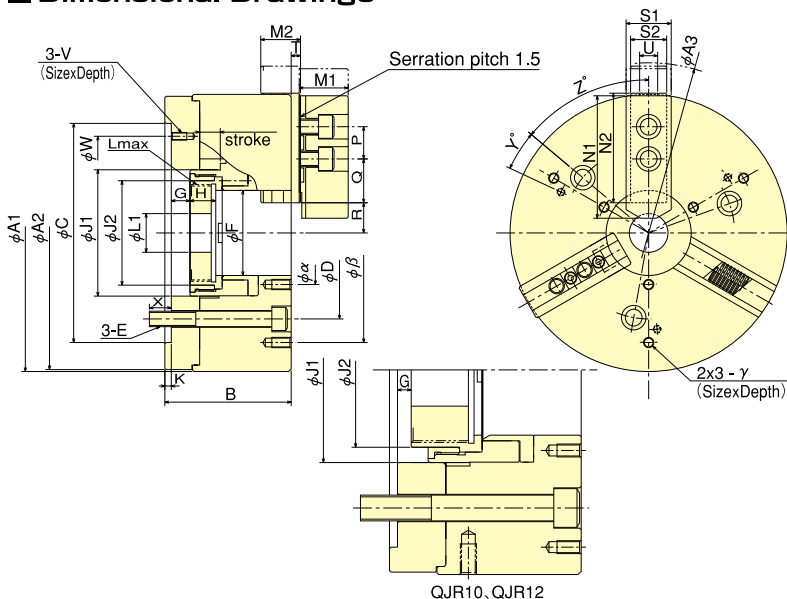
Reduced set up time by Quick and Easy Jaw Replacement.

### Interchangeable mounting dimensions

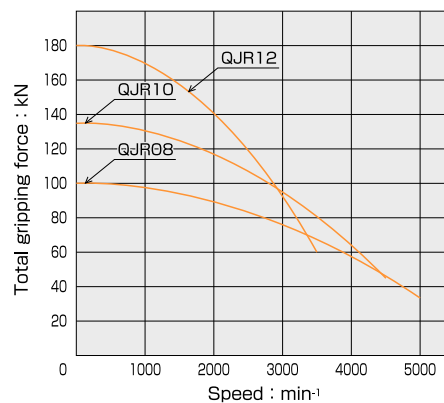
Kitagawa's B-200 and BB200 series can be easily replaced with QJR large thru-hole power chucks.



### Dimensional Drawings



### Gripping Characteristic Graphs



\*Graphs show the relationship between the rotation speed and the gripping force at the position of aligning base jaws with chuck OD when using standard soft jaws.

\*Centrifugal force is different vastly depending on the size, shape or orientation of top jaws, or the position to insert base jaws.

### Dimensions

Model	A1	A2	A3	B	C (H6)	D	E	F	G max.	G min.	H	J1	J2	K	L max.	L1	M1	M2	N1
QJR08	215	212	264	98	170	133.4	M12	66	14.5	-1.5	20	98	81	5	M75x2	30	38	30.8	95
QJR10	254	251	312	119	220	171.4	M16	81	8.5	-10.5	39	115	96	5	M90x2	45	42	39.0	110
QJR12	315	312	360	133	220(300)	171.4(235)	M16(M20)	106	8.0	-15.0	42	140	121	6	M115x2	50	50	45.2	111

Model	N2	P	Q	R max.	R min.	S1	S2	T	U	V	W	X	Y	Z	$\alpha$	$\beta$	$\gamma$
QJR08	85.0	25	34.0	20.4-44.4	16.7-40.7	35	28	7.25	14	M6x12	150	17	15	50	80	170	M8x15
QJR10	100.5	30	40.5	21.2-52.7	16.8-48.3	40	35	11.30	16	M8x15	190	23	-15	50	100	220	M8x15
QJR12	108.0	30	57.0	33.9-69.9	28.6-64.6	50	50	12.00	21	M8x15(M10x16)	190(260)	22(27)	-15	45(50)	130	280	M10x17

### Specifications

The numbers in ( ) are the dimension of QJR12 for interchangeable BB212. Please contact us for more details.

Model	Thru-Hole mm	Gripping range mm		Jaw Stroke (diameter) mm	Plunger Stroke mm	Max. Draw Bar Pull Force kN	Max. Gripping Force kN	Max. Speed min <sup>-1</sup>	Net Weight with Soft top jaws kg	Moment of inertia kg·m <sup>2</sup>	Matching Base Jaw	Matching Soft top jaw
		Max.	Min.									
QJR08	66	210	23	7.4	16	45	100	5000	25	0.18	QJR08-BJ00	SBO8B1
QJR10	81	254	41	8.8	19	60	135	4500	45	0.41	QJR10-BJ00	SB10B1
QJR12	106	315	47	10.6	23	81	180	3500	75	1.15	QJR12-BJ00	SB12N1

The models above are including Chuck body, 1 set of Base Jaws and 1 set of Soft Top Jaws.