

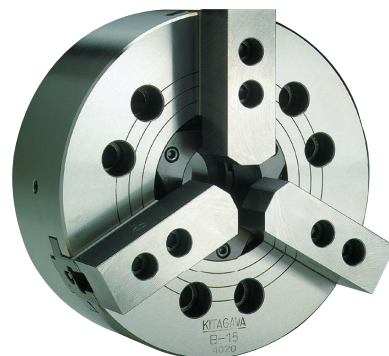


CHUCK

Thru-Hole Power Chuck

B series

Stable Machining for Large Work-piece Universally recognised standard chuck

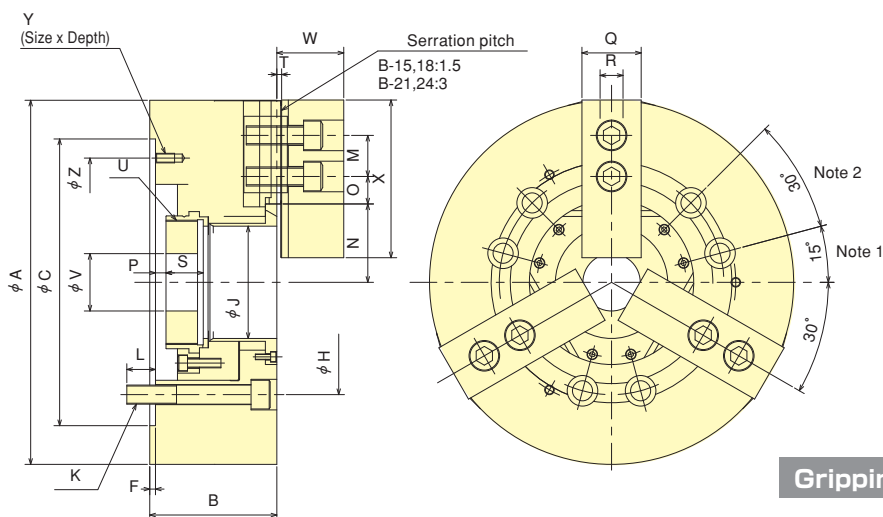


● Through-hole

15inch ϕ 117.5 · 18inch ϕ 117.5
21inch ϕ 140.0 · 24inch ϕ 165.0

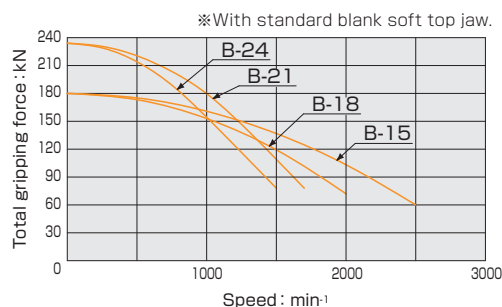
*CE correspondence

■ Dimensional Drawings



Note 1) B-21, 24 : 0°
Note 2) B-21, 24 : 60°

Gripping Characteristic Graphs



■ Dimensions ※Blank draw nut equipped.

Model	A	B	C (H6)	F	H	J	K	L	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	V	W	X	Y	Z
B-15	381	133	300	6	235	117.5	6-M20	30	43	82	76.7	43.75	18.25	11	-12	62	22	39	5	M130x2	60	70	165	M10x20	260
B-18	450	133	380	6	235	117.5	6-M20	30	43	82	76.7	78.25	18.25	11	-12	62	22	39	5	M130x2	60	70	165	M10x20	320
B-21	530	140	380	6	330.2	140	6-M22	31	60	98.5	93.2	87.5	21.5	11	-12	65	25	39	5	M155x3	80	73	180	M12x30	330.2
B-24	610	149	380	6	330.2	165	6-M22	32	60	108	102.7	117.5	21.5	20	-3	65	25	40.5	5	M175x3	80	73	180	M12x25	330.2

■ Specifications ※Gripping dia./gripping range is with standard soft jaws.

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⁻¹	Net Weight with Soft top jaws kg	Moment of inertia kg·m²	Matching Cylinder	Max. pressure MPa	Matching Hard top jaw	Matching Soft top jaw
B-15	117.5	381 30	10.6	23	71	180	2500	120	2.273	F2511H	2.3	HB15A1	SJ15C1
B-18	117.5	450 30	10.6	23	71	180	2000	164	4.451	F2511H	2.3	HB15A1	SJ15C1
B-21	140	530 87	10.6	23	90	234	1700	235	8.95	F2511H	3.0	HB18B2	SJ18A2
B-24	165	610 109	10.6	23	90	234	1400	293	16.60	F2511H	3.0	HB18B2	SJ18A2



CHUCK

Thru-Hole Power Chuck (Direct Mount)

B-A series

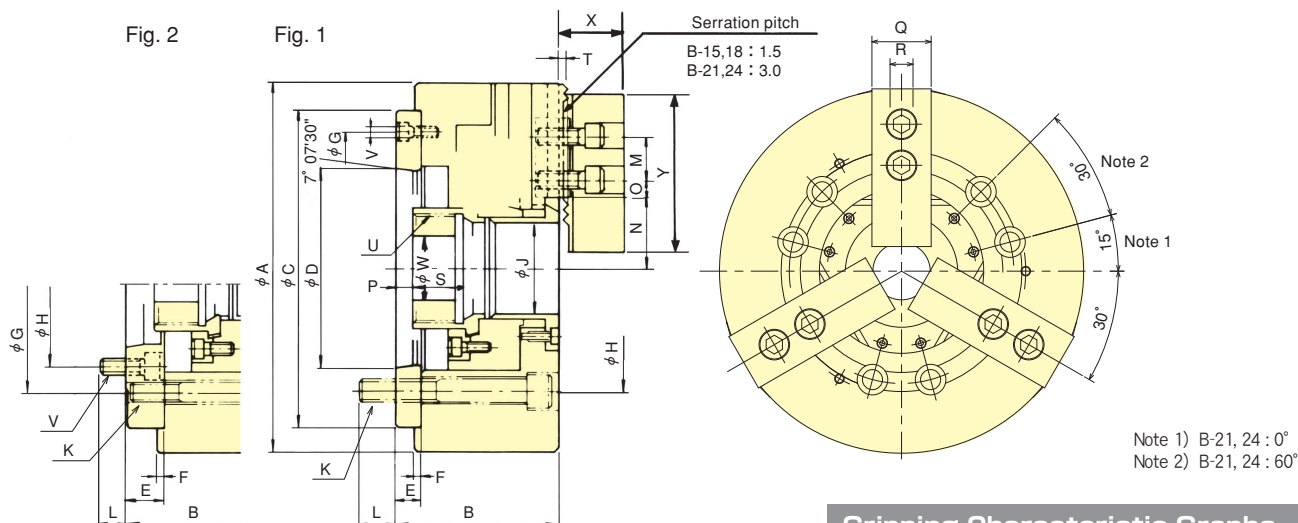
Equipped with Chuck Adaptor to suit Spindle Nose
Universally recognised standard chuck

*CE correspondence

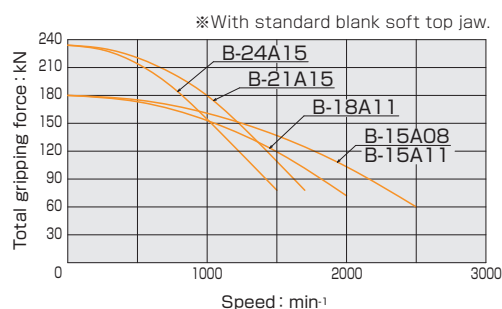


Standard Chuck

Dimensional Drawings



Gripping Characteristic Graphs



Dimensions

※B-15A08 is referred to in Fig.2. ※Blank draw nut equipped.

Model	A	B	C	D	E	F	G	H	J	K	L	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	V	W	X	Y
B-15A08	381	160	300	139.719	33	6	235	171.4	117.5	6-M20	24	43	82	76.7	43.75	18.25	44	21	62	22	39	5	M130×2	6-M16	60	70	165
B-15A11	381	149	300	196.869	22	6	260	235	117.5	6-M20	28	43	82	76.7	43.75	18.25	33	10	62	22	39	5	M130×2	3-M10	60	70	165
B-18A11	450	149	380	196.869	22	6	320	235	117.5	6-M20	28	43	82	76.7	78.25	18.25	33	10	62	22	39	5	M130×2	3-M10	60	70	165
B-21A15	530	161	380	285.775	27	6	330.2	330.2	140	6-M22	34	60	98.5	93.2	87.5	21.5	38	15	65	25	39	5	M155×3	3-M12	80	73	180
B-24A15	610	170	380	285.775	27	6	330.2	330.2	165	6-M22	35	60	108	102.7	117.5	21.5	47	24	65	25	40.5	5	M175×3	3-M12	80	73	180

Specifications

※Gripping dia./gripping range is with standard soft jaws.

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 ⁻¹	Net Weight with Soft top jaws kg	Moment of inertia kg·m ²	Matching Cylinder	Max. pressure MPa	Matching Hard top jaw	Matching Soft top jaw	Spindle nose size
B-15A08	117.5	381 30	10.6	23	71	180	2500	134	2.47	F2511H	2.3	HB15A1	SJ15C1	A2- 8
B-15A11	117.5	381 30	10.6	23	71	180	2500	127	2.385	F2511H	2.3	HB15A1	SJ15C1	A2-11
B-18A11	117.5	450 30	10.6	23	71	180	2000	178	4.775	F2511H	2.3	HB15A1	SJ15C1	A2-11
B-21A15	140	530 87	10.6	23	90	234	1700	246	9.25	F2511H	3.0	HB18B2	SJ18A2	A2-15
B-24A15	165	610 109	10.6	23	90	234	1400	304	16.85	F2511H	3.0	HB18B2	SJ18A2	A2-15