



CHUCK

Large Thru-Hole Power Chuck

B series

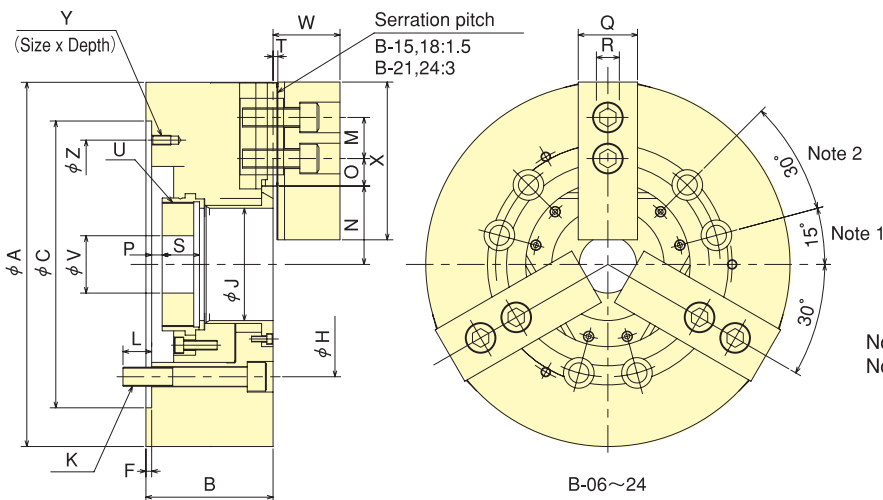
Stable Machining for Large Work Pieces
Universally recognised standard chuck



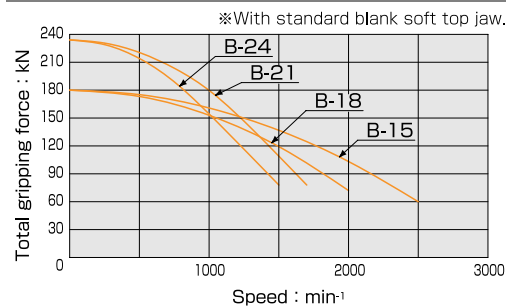
● **Through-hole**

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

■ **Dimensional Drawings**



Gripping Characteristic Graphs



■ **Dimensions** ※Blank draw nut equipped.

Dimensions 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	235.0	117.5	6-M20	30	43	82	76.7	43.75	18.25	11	-12	62	22	39	5	M130×2.0	60	70	165	M10×20	260
B-18	450	133	380	6	235.0	117.5	6-M20	30	43	82	76.7	78.25	18.25	11	-12	62	22	39	5	M130×2.0	60	70	165	M10×20	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	M155×3.0	80	73	180	M12×30	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	M175×3.0	80	73	180	M12×25	330.2

■ **Specifications**

Specifications Model	Thru-Hole mm	Gripping range mm Max.	Gripping range mm Min.	Jaw Stroke (diameter) mm	Plunger Stroke mm	Max. Draw Bar Pull Force kN (kgf)	Max. Gripping Force kN (kgf)	Max. Speed min ⁻¹ (r.p.m)	Net Weight with Soft top jaws kg	Moment of inertia kg·m ²	Matching Cylinder	Max. pressure MPa(kgf/cm ²)	Matching Hard top jaw	Matching Soft top jaw
B-15	117.5	381	30	10.6	23	71.0 (7240)	180.0 (18355)	2500	120.0	2.273	F2511H	2.30 (23.5)	HB15A1	SB15C1
B-18	117.5	450	30	10.6	23	71.0 (7240)	180.0 (18355)	2000	164.0	4.451	F2511H	2.30 (23.5)	HB15A1	SB15C1
B-21	140	530	87	10.6	23	90.0 (9177)	234.0 (23861)	1700	235.0	8.950	F2511H	3.00 (30.6)	HB18B2	SB18A2
B-24	165	610	109	10.6	23	90.0 (9177)	234.0 (23861)	1400	293.0	16.600	F2511H	3.00 (30.6)	HB18B2	SB18A2