

Point

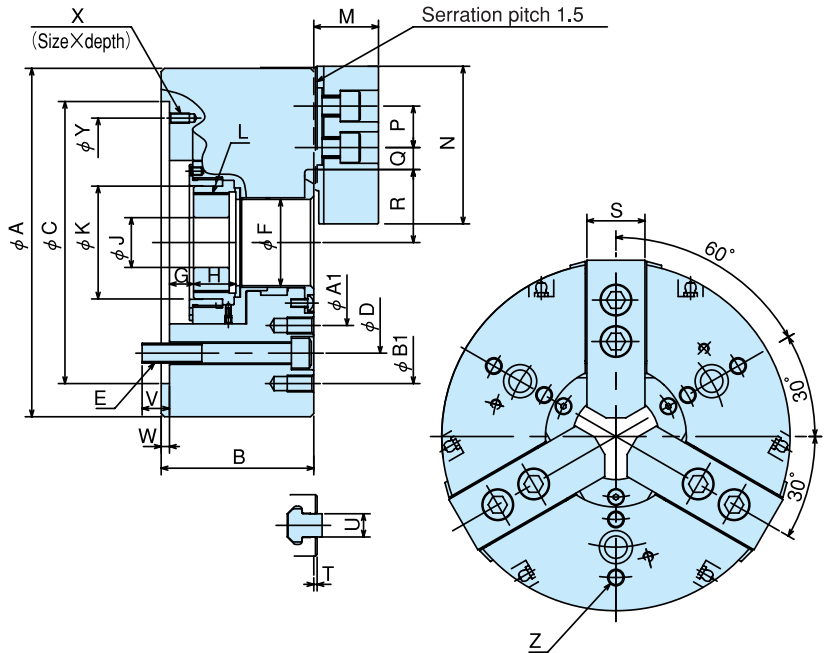
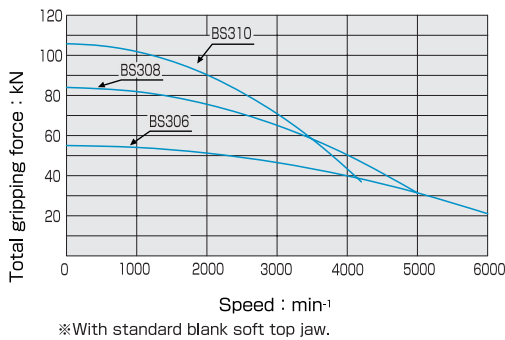
Three-jaw wedge style power chucks
Strong gripping force



BS300

Dimensional Drawings

Gripping Characteristic Graphs BS300



Dimensions

Dimensions Model	A	B	C (H6)	D	E	F	G max.	G min.	H	J	K	L max.	M	N	P	Q max.	Q min.	R max.	R min.	S	T	U	V	W	X	Y	Z	A1	B1
BS306	169	85	140	104.8	3-M10	45	11	- 1	20	20	61	M55×2.0	29	66	20	21.25	9.25	35	32.25	26	2	12	16.5	5	M6×10	116	3×2-M 8	77.5	140
BS308	210	92	170	133.4	3-M12	52	14.5	0.5	25.5	30	68	M60×2.0	39	95	25	23.75	11.75	44	40.25	35	2	14	16.5	5	M6×12	150	3×2-M10	100	170
BS310	254	103	220	171.4	3-M16	75	8.5	- 8.5	32.5	45	94	M85×2.0	43	110	30	30.75	11.25	55	50.45	40	2	16	23.2	5	M8×15	190	3×2-M10	128	216

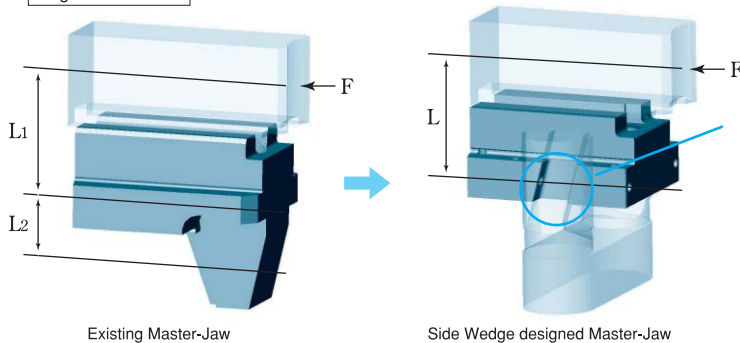
Specifications

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·m²	Matching Cylinder	Max. pressure MPa(kgf/cm²)	Matching Hard top jaw	Matching Soft top jaw
BS306	45	169	25	5.5	12	22 (2243)	55 (5610)	6000	11.5	0.060	S1246	2.8 (28.6)	HB06B1	SB06L1A
BS308	52	210	18	7.5	14	34.8 (3549)	84 (8570)	5000	22.5	0.125	S1552	2.65 (27)	HB08A1	SB08B1
BS310	75	254	33	9.1	17	43 (4385)	105.8 (10795)	4200	34.5	0.325	S1875	2.7 (27.5)	HB10A1	SB10B1

※Max. speed is shown using actual test data. ※Blank draw nut equipped.
※Mounting Bolt P, C, D for B-204 & B-205 : 120° Pitch : 3pcs.

□30% lift-up of Jaw will be decreased by side-wedge design. (Conventional Company Products ; B-200 SERIES)

Registered Patent



30% Down
for
Bending-moment of
Master-Jaw !!

$$F (L_1 + L_2) \gg F \times L \approx 1.3 : 1$$