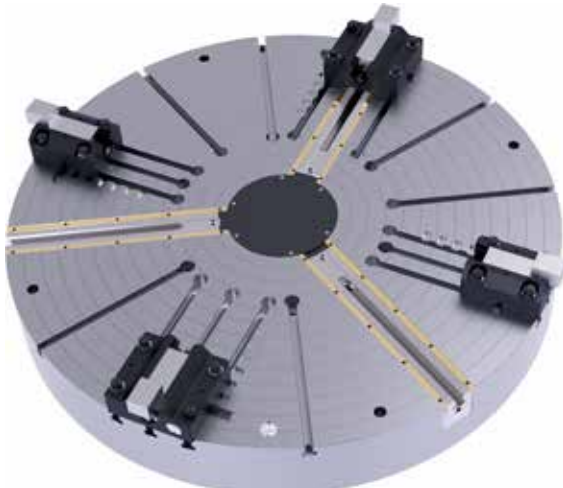
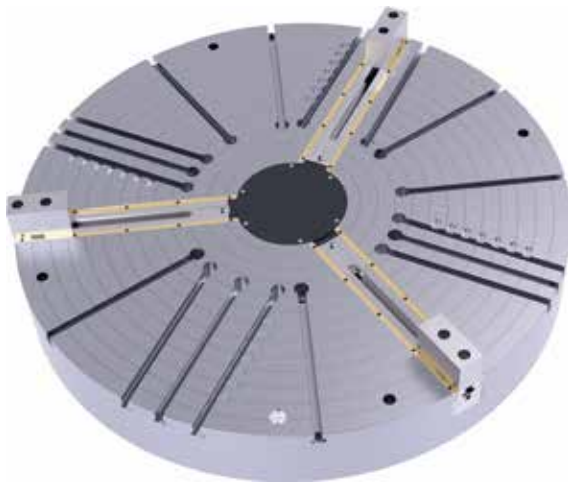


CVB SERIES – VTL COMBINATION CHUCKS

THE
BEST.

Large, Self-Centering VTL Power & Independent Combination Chucks



The CVB Series combines a 3 Jaw, Self-Centering VTL Power Chuck and a 4 Jaw, Independent Manual Chuck for maximum Workholding flexibility.

Users can enjoy the added flexibility of two different style chucks on one spindle for their large, vertical Lathe applications. Designed for Vertical Lathes, these Chucks include sealed guide ways and center covers to minimize chip and coolant contamination

- Jaw stroke 30mm in diameter
- 3 jaw self-centering VTL Power Chuck packaged with 4 jaw independent manual Chuck
- Suitable for large, Vertical Lathe applications
- Hold round parts with the 3 jaw, Power Chuck, or grip large castings for irregular shaped parts with the 4 jaw Manual Chuck

3 JAW

VTL POWER

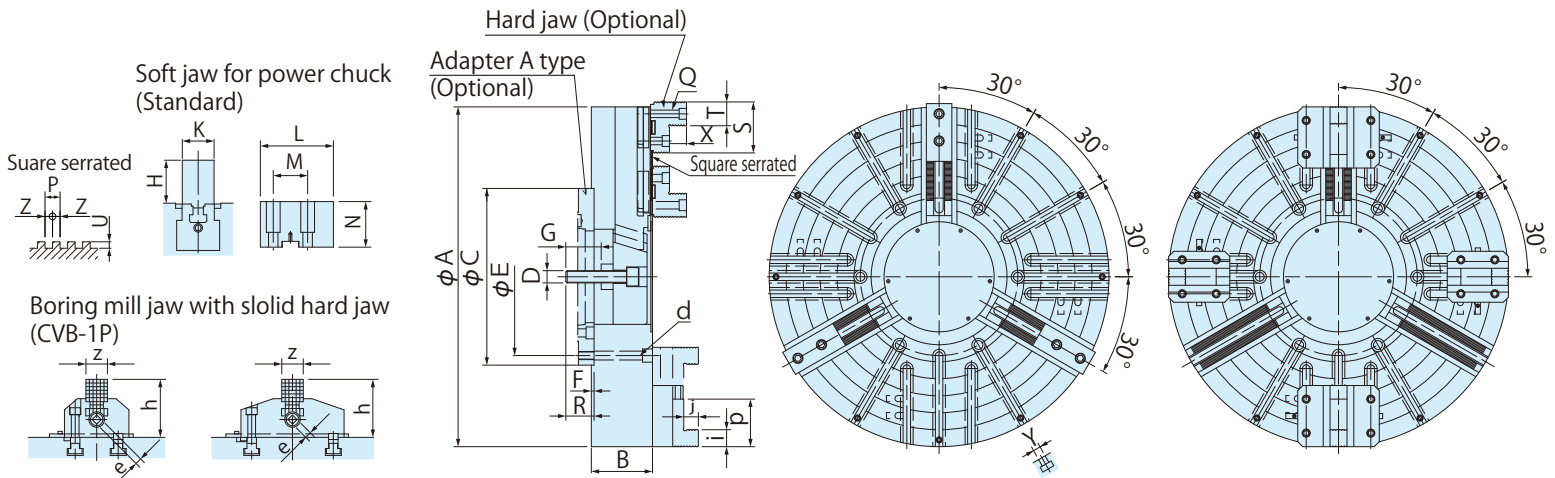
4 JAW

MANUAL

CVB SERIES TECHNICAL SPECIFICATIONS

THE
BEST.

Combination VTL Power Chucks and Manual Chucks for Large Lathes



CVB Combination Chuck Models & Dimensions

Unit : mm

Model	A	B	C(h6)	E	F	G	H	K	D	R	Q	S	T	X	L	M	N	P	Z	U	Y	d	h	i	p	z	e
CVB1000-1P	1000	180	520	463.6	8	65	100	74	M36 (P=4)	44-94	M20	150	70	50	170	80	106	7	3.5	3	22	6-M24	135	50	140	50	15
CVB1250-1P	1250	180	520	463.6	8	65	100	74	M36 (P=4)	44-94	M20	150	70	50	170	80	106	7	3.5	3	22	6-M24	142	80	215	60	22
CVB1400-1P	1400	200	520	463.6	8	65	100	74	M36 (P=4)	24-74	M20	150	70	50	170	80	106	7	3.5	3	22	6-M24	142	80	215	60	22
CVB1600-1P	1600	220	720	647.6	8	65	100	74	M36 (P=4)	4-54	M20	150	70	50	170	80	106	7	3.5	3	22	6-M24	142	80	215	60	22
CVB2000-1P	2000	250	720	647.6	10	75	120	99	M42 (P=4.5)	21-71	M24	180	85	60	200	100	127	7	3.5	3	28	6-M30	195	95	220	80	Hex.26

*The gripping diameter is reference value when soft jaws are bored.

Model	Hydraulic jaw stroke (DIA.)	Cylinder stroke	Allowable cylinder force kN (kgf)	Static gripping force per 3 jaws kN (kgf)	*Gripping diameter of hydraulic jaw	Soft jaw	Weight without BM jaw kg
CVB1000-1P	30	50	82 (8400)	152 (15500)	380-875	SJV-170	710
CVB1250-1P	30	50	82 (8400)	152 (15500)	450-1110	SJV-170	1150
CVB1400-1P	30	50	82 (8400)	152 (15500)	520-1265	SJV-170	1430
CVB1600-1P	30	50	82 (8400)	152 (15500)	560-1460	SJV-170	1950
CVB2000-1P	30	50	98 (10000)	186 (19000)	785-1840	SJV-200	3300

Boring mill jaw						
Static gripping force per one jaw kN (kgf)	Input torque N·m(kgf·m)	Gripping diameter of boring mill jaw	Weight of 4 pcs. kg	*Gripping diameter of hydraulic jaw	Boring mill jaw	Rotation speed min-1
CVB1000-1P	29.4 (3000)	392 (40)	550-890	90	BM-3T	470
CVB1250-1P	39.2 (4000)	441 (45)	480-1140	125	BM-4T	350
CVB1400-1P	39.2 (4000)	441 (45)	540-1290	125	BM-4T	290
CVB1600-1P	39.2 (4000)	441 (45)	560-1490	125	BM-4T	230
CVB2000-1P	68 (7000)	735 (75)	790-1820	255	BM-7T	150

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