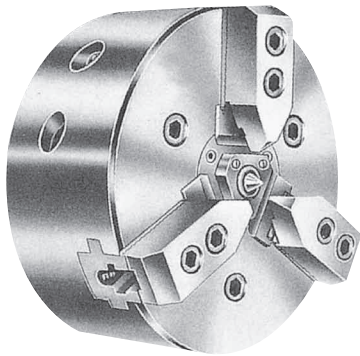
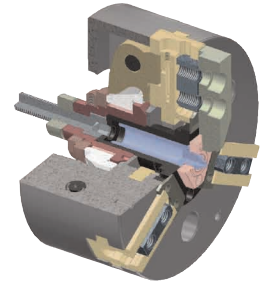


# CSD

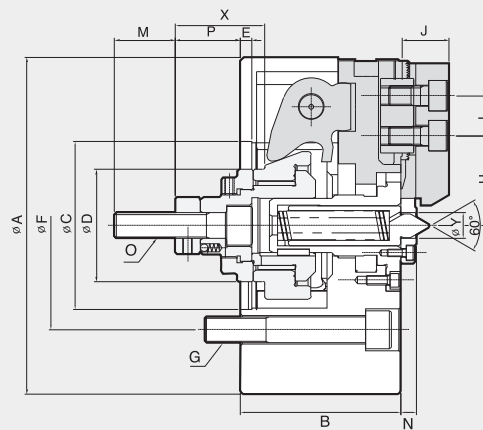
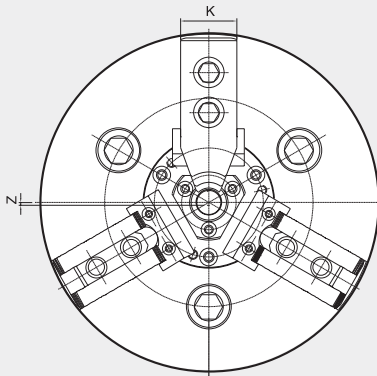
## COMPENSATING CHUCK



The floating jaws compensate according to the workpiece facilitating high-precision work on concentric surfaces.

Each jaw applies consistent gripping force to find the center of irregularly shaped workpieces ensuring high-precision machining.

The spring center enables the stopper to be used as a reference point.



### Dimensions

	A	B	C(h)	D	E	F	G	Hmax.	Hmin.	J	K	Lmax.	Lmin.	M	N	O	Pmax.	Pmin.	X	Y	Z
CSD-06	175	90	90	60	9	130	3-M16	38.8	35.3	27.5	31	16.5	6	38	10	M16	47	32	52	10.4	2
CSD-08	210	100	105	70	7.5	130	3-M16	43.8	39.8	30	35	21	7.5	38	10	M16	50.5	30.5	55.5	10.4	2
CSD-10	254	110	120	80	7.5	150	3-M16	48.8	43.8	33	40	27.5	8	38	12	M20	57	32	62	12.7	2
CSD-12	304	125	140	85	7.5	170	6-M16	50.8	45.8	36	45	39.5	9.5	46	12	M24	61	36	66	14.7	2

### Specifications

	Clamping Force (kgf)	Max. Drawbar Pull (kgf)	Jaw Stroke mm(dia)	Plunger Stroke (mm)	Chucking Diameter (mm)		Max. Speed (r.m.p)	Weight (kg)	GD <sup>2</sup> (kgf·m <sup>2</sup> )
					Max	Min			
CSD-06	2400	1200	7	15	33	15	2800	16	0.06
CSD-08	4200	1800	8	20	38	18	2800	25	0.13
CSD-10	6000	2400	10	25	52	22	2400	38	0.30
CSD-12	7500	3000	10	25	73	25	2000	60	0.70