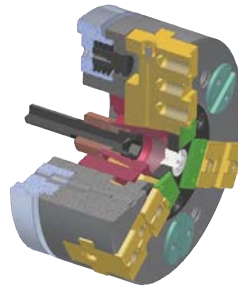


# PHDN

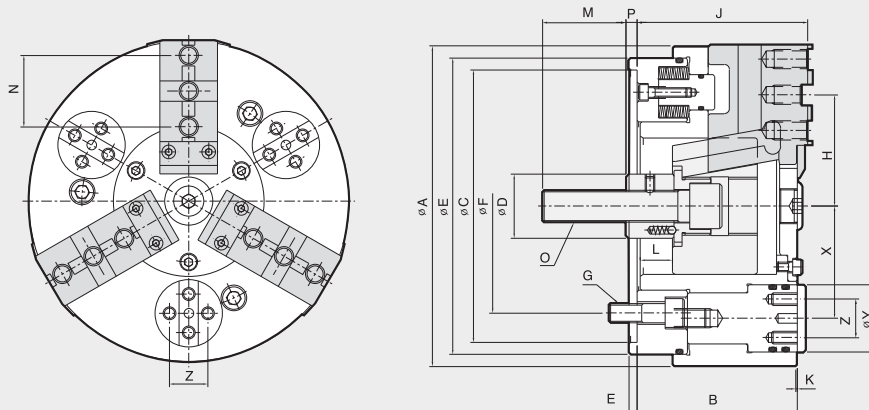
## Inside Pull-Down Chuck

- Ideal for clamping workpieces with small gripping surfaces
- Sliding jaws clamp the component; then, the entire chuck body pulls down to location for accurate machining



**SPECIAL CHUCK**

Special Chuck



### Dimensions

	ΦA	B	ΦC(h7)	ΦD	ΦE	ΦF	G	Hmax.	Hmin.	J	K	Lmax.	Lmin.	M	N	O	Pmax.	Pmin.	X	ΦY	Z
PHDN-200	200	105	170	40	5	133.4	M12	71.5	67.3	107	1	34	10	52	44.5	M20	15	-9	70	42	24
PHDN-250	250	115	220	40	5	171.4	M16	87	81.7	117	1	34	4	60	54	M20	24	-6	87	50	30
PHDN-300	300	123	220	50	5	171.4	M16	105	99	125	1	39	5	60	63.5	M24	23	-11	108	68	40
PHDN-380	380	135	300	50	5	235	M20	133.5	127.5	137	1	50	16	60	76.2	M24	19	-15	130	80	54

### Specifications

Type	Max. Clamping Force	Max. Drawbar Pull	Jaw Stroke Dia.	Plunger Stroke	Stop Traction	Max. Speed	Weight
	[kgf]	[kgf]	Dia. [mm]	[mm]	[kgf]	[r.p.m.]	[kg]
PHDN-200	8100	3000	8.5	24	200	3500	21
PHDN-250	11000	4000	10.5	30	300	3000	37
PHDN-300	13500	5000	12.0	34	300	2500	54
PHDN-380	16500	6000	12.0	34	450	200	95