

DDO

Inside Draw-Down Chuck



Application

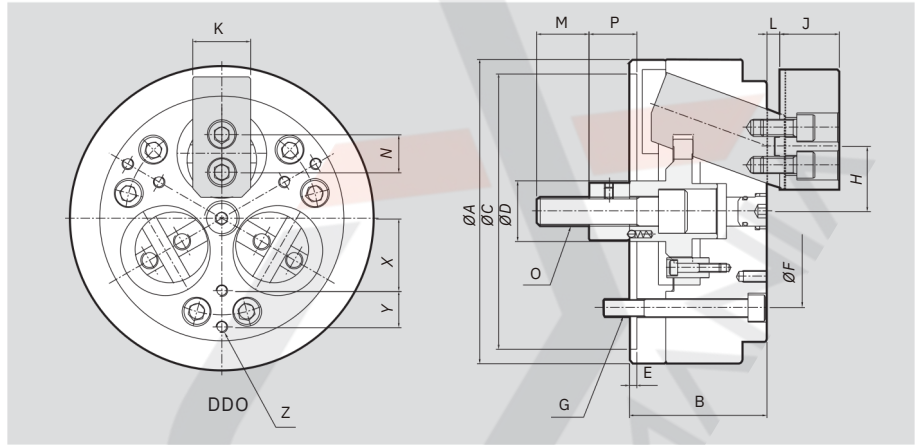
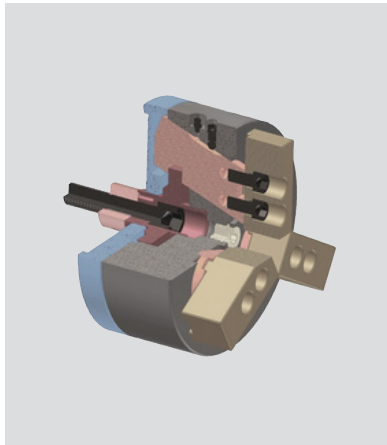
Workpiece pulled down to location for superior accuracy

Technical features

Very accurate for parallel and perpendicular surfaces Sealed to prevent chips and coolant from entering the chuck body

SPECIFICATIONS

		DDO-06	DDO-08	DDO-10	DDO-12	DDO-15	DDO-18
Max. Clamping Force [kgf]		2,500	4,500	6,000	7,500	9,000	9,000
Max. Drawbar Pull [kgf]		1,500	2,500	3,500	4,500	5,500	5,500
Jaw Stroke Dia. [mm]		5.8	7.2	10.8	10.8	14.5	10.9
Plunger Stroke [mm]		8	10	15	15	20	15
Clamping Range Pin Jaw	Standard [mm]	35~140	40~180	50~220	60~270	200~340	260~420
	Top Jaw [mm]	70~140	90~180	100~220	110~220	250~340	310~420
Max. Speed [r.p.m.]		5,000	4,500	4,000	3,500	1,500	1,200
Weight [kg]		13	26	44	68	110	217
GD2 [kgf· m2]		0.18	0.66	1.5	3.1	7.9	24.6



※ Maximum turning speed is based upon actual measurement.

DIMENSIONS

	DDO-06	DDO-08	DDO-10	DDO-12	DDO-15	DDO-18
ØA	165	210	254	304	381	480
B	80	95	110	125	140	170
ØC(h7)	140	190	230	230	300	430
ØD	35	42	52	54	80	100
E	5	5	5	5	8	9
ØF	104.8	133.4	171.4	171.4	230	320
G	M10	M12	M16	M16	M20	M24
Hmax	37.4	46.6	57.9	65.4	93.6	117.7
Hmin	34.5	43	52.5	60	86.4	112.3
J	30	41	46	51	60	60
K	35	40	50	60	70	75
Lmax	12	14	19	19	26	27
Lmin	4	4	4	4	6	12
M	36	36	45	50	55	46
N	20	26	32	36	40	44
O	M16	M20	M24	M27	M30	M30
Pmax	31	38	47	47	71	57.5
Pmin	23	28	32	32	51	42.5
X	40	50	60	70	95	130
Y	20	25	30	40	45	50
Z	M6	M8	M8	M10	M12	M12