



Type	CHUCK-80D	CHUCK-100D	CHUCK-125D
Material of the chuck body	Cast steel	Cast steel	Cast steel
Cylindrical centring mount	55mm x 3.5mm	72mm x 3.5mm	95mm x 4mm
maximum clamping diameter [mm]	80	100	125
Lathe chuck passage [mm]	16	22	30
max. speed [rpm]	4800	4200	3800
max. static clamping force ΣS [kN]	10	10	17
Maximum torque with lathe chuck key [Nm]	40	60	100
Lathe chuck weight [kg]	1.9	3.2	5
Weight of a jaw [kg] with internal grading	0.058	0.12	0.189
Mass of chuck jaw set [kg]	0.174	0.36	0.567
Centrifugal moment M_c for one jaw [kgm] stepped from the outside to the inside	0.00151	0.00378	0.0093
Gravity distance r_o of jaw [mm]	18.71	24.98	29.4
D	80	100	125
D1	55	72	95
D2	66	84	108
D3	16	22	30
H ₁	66	74.5	84
H	50	55	58
h ₁	3.5	3.5	4

