

SF 4-Jaw Scroll Chuck (Hard Jaws)

Thru Hole Range $\varnothing 57 \sim \varnothing 100$
Clamping Range $\varnothing 4 \sim \varnothing 300$

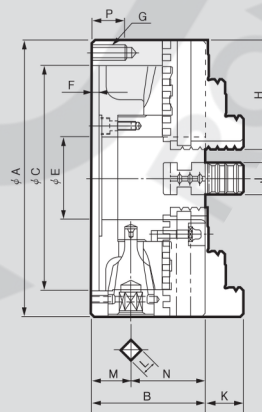
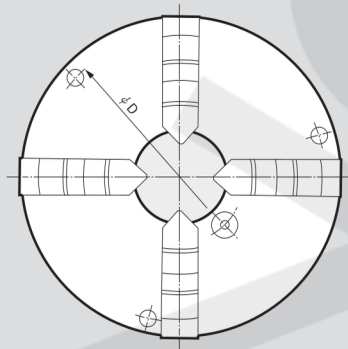


Application

4-Jaw Scroll chuck

Technical features

Suitable for clamping square parts



DIMENSIONS

	SF-190(7")	SF-230(9")	SF-273(10")	SF-310(12")
ΦA	192	232	273	310
B	75	84	86	96
$\Phi C(H6)$	155	190	230	260
ΦD	172	210	250	285
ΦE	57	75	89	100
F	5	6	6	7
G	3-M10	3-M12	3-M12	3-M12
H	75	87	98	110
J	22	24	28	30
K	30.06	35.04	40.02	45.08
L	11	12	12	14
M	27.5	29.5	31.5	31.5
N	47.5	54.5	54.5	64.5
P	20	25	25	25

SPECIFICATIONS

	SF-190(7")	SF-230(9")	SF-273(10")	SF-310(12")
Max. Static Gripping Force [kN(kgf)]	31(3161)	37(3773)	46(4691)	55(5608)
Clamping Range External [Ømm]	4~180	5~220	5~260	10~300
Clamping Range Internal [Ømm]	56~170	62~210	70~250	86~290
Handle Torque [N·m(kgf·m)]	107.9(11.0)	147(15.0)	176.5(18.0)	206(21.0)
Max. r.p.m. [min-1]	3500	2900	2500	2200
Weight [kg]	12.5	21.5	28	41
Moment of inertia [N·m ² (kg·m ²)]	2.45(0.25)	6.37(0.65)	9.90(1.01)	23.0(2.35)

※ Maximum turning speed is based upon actual measurement.