

FSC Standard Front-Mounting Scroll Chuck (Hard Jaws)

Thru Hole Range $\varnothing 34\sim\varnothing 100$
Clamping Range $\varnothing 3\sim\varnothing 300$

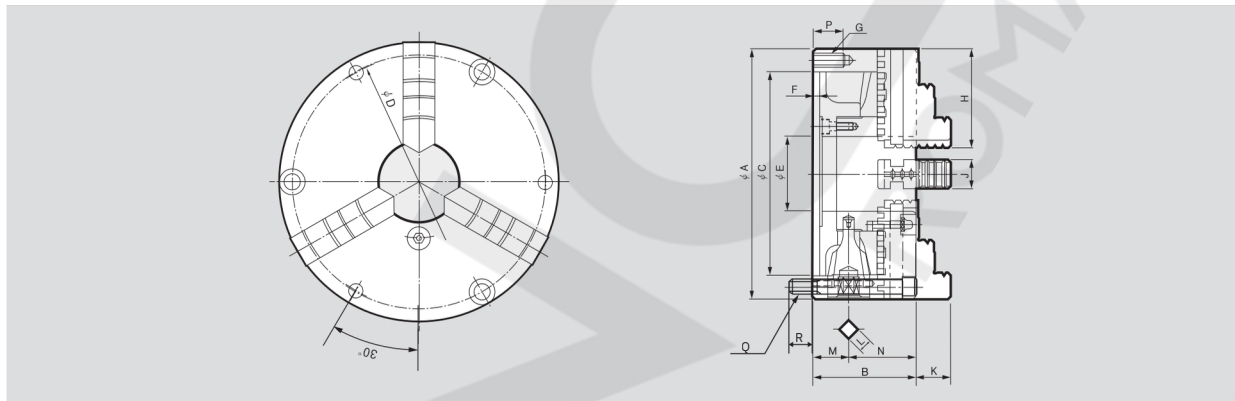


Application

Scroll chuck with hardened jaws (Front mounting)

Technical features

Includes external and internal gripping jaws



DIMENSIONS

	FSC-85(3")	FSC-110(4")	FSC-130(5")	FSC-165(6")	FSC-190(7")	FSC-230(9")	FSC-273(10")	FSC-310(12")
ΦA	85	110	130	167	192	232	273	310
B	44.1	56.85	59.5	65	75	84	86	96
ΦC(H6)	60	80	100	130	155	190	230	260
ΦD	73	95	115	147	172	210	250	285
ΦE	16	24	34	45	57	75	89	100
F	3.5	4.5	4.5	5	5	6	6	7
G	3-M6	3-M8	3-M8	3-M10	3-M10	3-M12	3-M12	3-M12
H	35	42	50	65	75	87	98	110
J	11	14	16	19	22	24	28	30
K	14.6	18.75	20.1	25.07	30.06	35.04	40.02	45.08
L	7	8	8	10	11	12	12	14
M	17	24.5	22.5	24	27.5	29.5	31.5	31.5
N	27.1	32.35	37	41	47.5	54.5	54.5	64.5
P	13	16	16	20	20	25	25	25
Q	3-M6x50	3-M8x60	3-M8x65	3-M10x70	3-M10x85	3-M12x90	3-M12x90	3-M12x100
R	12.4	11.65	14	15.5	20.5	20	20	20

SPECIFICATIONS

	FSC-85(3")	FSC-110(4")	FSC-130(5")	FSC-165(6")	FSC-190(7")	FSC-230(9")	FSC-273(10")	FSC-310(12")
Max. Static Gripping Force [kN(kgf)]	9(918)	12(1224)	15(1530)	31(3161)	31(3161)	37(3773)	46(4691)	55(5608)
Clamping Range External [Ømm]	2~70	3~94	3~110	3~160	4~180	5~220	5~260	10~300
Clamping Range Internal [Ømm]	24~64	29~84	33~100	48~150	56~170	62~210	70~250	86~290
Handle Torque [N·m(kgf·m)]	29.4(3.0)	44.1(4.1)	63.7(6.5)	88.3(9.0)	107.9(11.0)	147(15.0)	176.5(18.0)	206(21.0)
Max. r.p.m. [min-1]	2500	2500	2500	4000	3500	2900	2500	2200
Weight [kg]	1.5	3.1	4.4	11.4	12	21.2	28	41
Moment of inertia [N·m2(kg·m2)]	0.05(0.005)	0.17(0.017)	0.35(0.036)	1.18(0.12)	2.35(0.24)	6.27(0.64)	9.90(1.01)	23.0(2.35)

※ Maximum turning speed is based upon actual measurement.
※ Specifications are subject to change without notice.