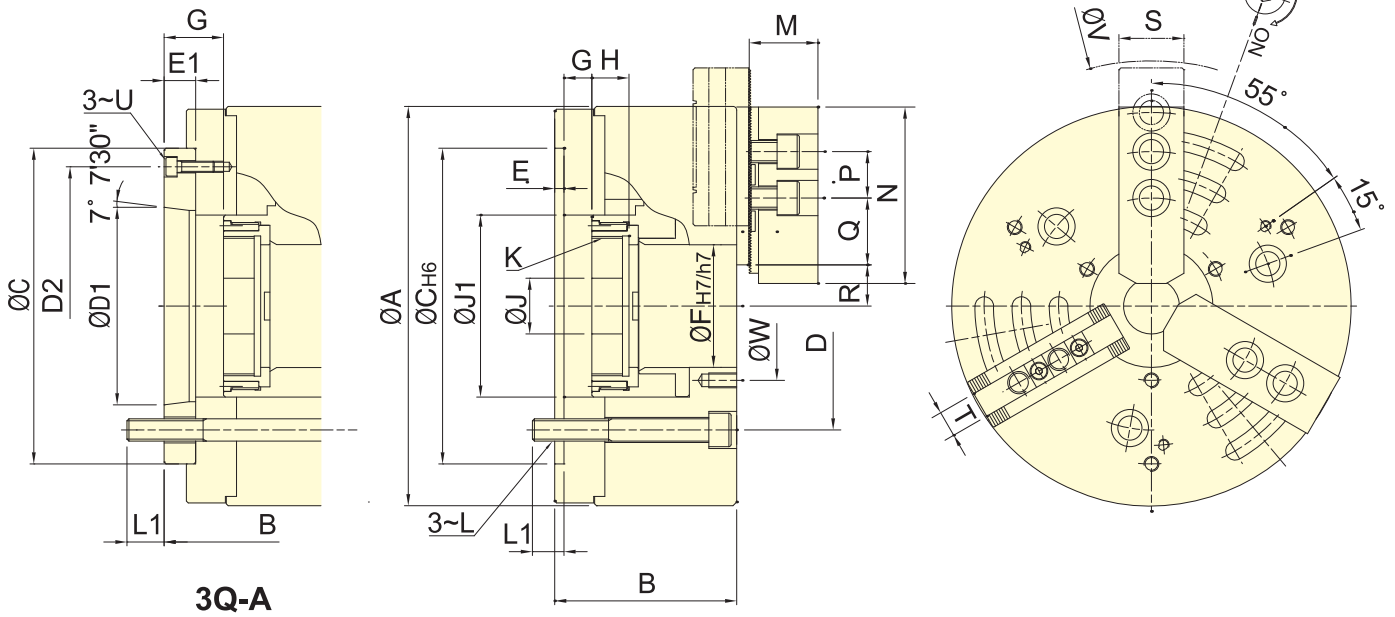




Application/customer benefits

- The shortest changes time for soft jaw, it is the high repeatability precision.
- Chuck of all parts hardened, ground and lubricated directly.
- Construction of high rigidity and high clamping accuracy.
- For safety system that master jaw will complete return when base jaw and serration match up properly.

SPECIAL PURPOSE



* Subject to technical changes.

Specifications

Model	Plunger stroke (mm)	Jaw stroke (Dia.) (mm)	Chucking Dia. Max. (mm)	Chucking Dia. Min. (mm)	Max. D.B. pull kN (kgf)	Max. clamping force kN (kgf)	Max. speed min ¹ (r.p.m.)	I kg · m ²	Weight (kg)	Matching cyl.	Max. pressure MPa (kgf/cm ²)
* 3Q-08 A6	16	7.5	210	23	45.0(4590)	100.0(10200)	5000	0.15	24.5 26	TK-1068	3.1(31)
* 3Q-10 A8	19	8.8	254	41	60.0(6118)	135.0(13765)	4500	0.41	44 46	TK-1287	2.8(28)
* 3Q-12 A8	23	10.6	315	47	81.0(8259)	180.0(18354)	3500	0.96	73 75	TK-1511	2.4(25)

Dimensions

Model	A	B	B	C	D	D1	D2	E	E1	F	G max.	G max.	G min.	G min.	H	J	J1	K	L	L1	L1	M	N	P	Q	R max.	R min.	S	T	U	V	W
* 3Q-08 A6	215	98	110	170	133.4	106.38	150	5	17	66	14.5	32	-1.5	15.5	20	30	98	M75x2	M12	17	20	37	95	25	36	20.8~44.8	17.1~41.1	35	14	M6	264	80
* 3Q-10 A8	254	119	132	220	171.4	139.72	190	5	18	81	8.5	26.5	-10.5	7.5	39	45	115	M90x2	M16	23	25	42	110	30	40.5	21.1~52.8	16.7~48.2	40	16	M8	312	100
* 3Q-12 A8	315	133	145	220	171.4	139.72	190	6	18	106	8.5	26.5	-14.5	3.5	42	50	140	M115x2	M16	22	24	50	111	30	57	34.1~70.1	28.8~64.8	50	21	M8	360	130

The dimensions and the specifications of 3Q-A type are in the red data.

*model produced only by order.