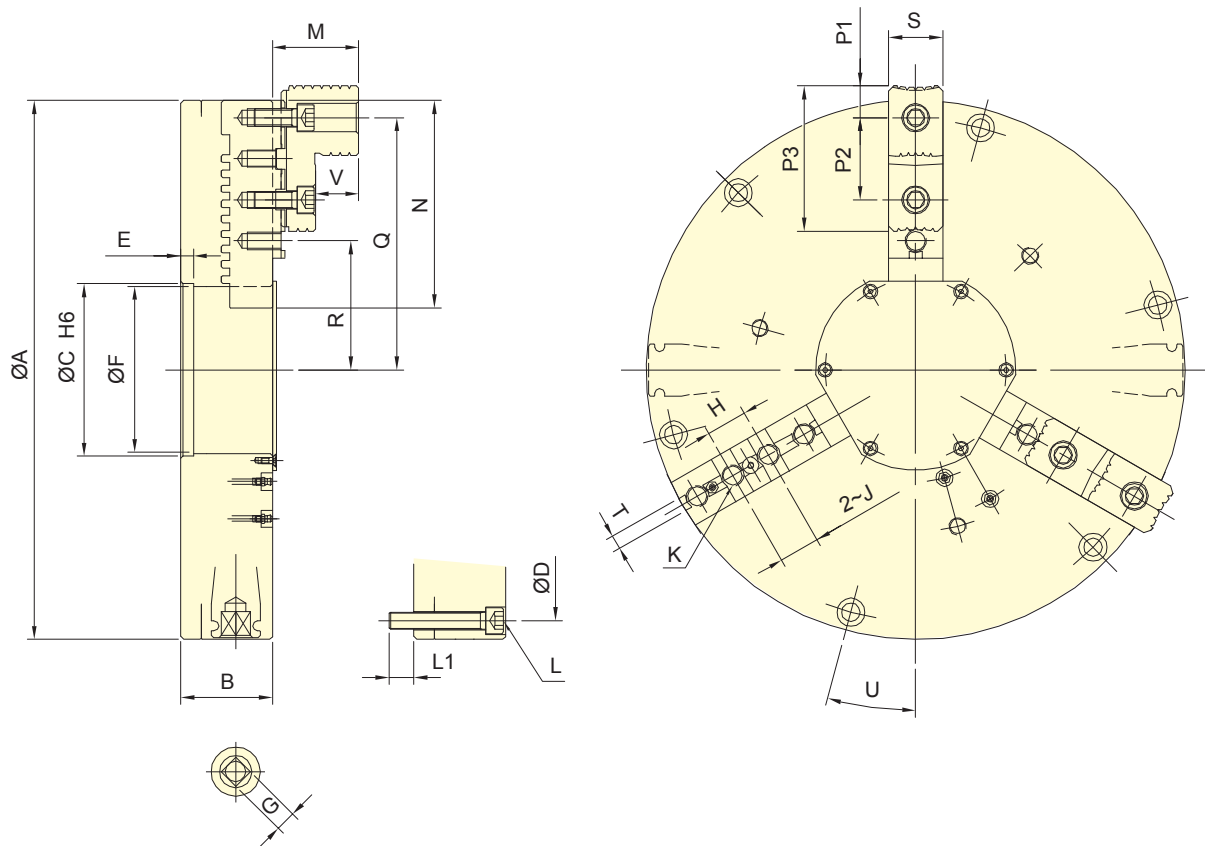


- Thin and lightweight design and increase the z-axis machining range.
- With the center hole cover and dustproof design for the accuracy and service life of the chuck.
- For 5-axis indexing plates and milling machines.
- 3MF series are not designed for the vertical or horizontal lathes, unless there is a rigid plate and providing adequate support rigidity and strength.



MANUAL CHUCKS



Subject to technical changes

SPECIFICATIONS

Model	Jaw stroke (Dia.)	Chucking Dia. Max.	Chucking Dia. Min.	Max. allowable torque	Max. clamping force	Max. speed	Weight
	mm	mm	mm	N. m (kgf. m)	kN (kgf)	min ⁻¹ (r.p.m.)	kg
3MF-16	60	350	95	175 (17.8)	59 (6000)	1450	66.9
3MF-20	80	500	142	170 (17.3)	71.2 (7300)	1150	121

DIMENSIONS

Model	A	B	C (H6)	D	E	F	G	H	J (H7)	K	L	L1	M
3MF-16	400	80	140	375	10	135	□ 14	27	19.03	4~M12	6~M12	23	60
3MF-20	500	85	170	465	12	160	□ 19	38.1	19.03	4~M16	6~M16	23	80

Model	N	P1	P2	P3	Q max.	Q min.	R max.	R min.	S	T (h8)	U	V
3MF-16	148.5	27.16	54	112.5	184.5	164	103	62	40	12.7	15°	28
3MF-20	192.5	29.5	76.2	135	254	214	139.7	99.7	50	12.7	15°	40