



DIMENSIONS: (mm)

Type CK	A	B	C	D1) H7	E	F	G	Thread Depth
CK 18	45	41	31	22	36	24	6xM5	6
CK 30	56	52	37	28	30	16	6xM5	7
CK 60	66	63	46	38	41	21	6xM6	10
CK 80	82	80	62	50	51	24	6xM6	13
CK 150	82	80	62	50	52	24	6xM6	13
CK 200	90	86	62	50	51	24	6xM6	13
CK 300	110	110	80	65	56	28	6xM8	13
CK 500	122	122	94	70	63	28	6xM8	16

1) Other hub borings will be manufactured at customer request please consult the factory.

TECHNICAL RATINGS:

Type CK	Rated Torque (Nm)	Torsional Stiffness 10 ³ (Nm/rad)	Max RPM (min ⁻¹)	Moment of Inertia 10 ³ J (gcm ²)	Misalignment (mm) Lateral	Misalignment (mm) Axial	Misalignment (degrees ^o) Angular	Spring Stiffness (N/mm) Lateral	Spring Stiffness (N/mm) Axial	Mass m (kg)
CK 18	18	8	13900	0.5	0.2	0.5	1.5	204	52	0.2
CK 30	30	39	11000	0.9	0.1	0.4	1.0	718	48	0.2
CK 60	60	73	9000	3	0.1	0.4	1.0	1125	91	0.3
CK 80	80	126	7100	6.7	0.2	0.4	1.0	1218	84	0.6
CK 150	150	151	7100	8.4	0.2	0.4	1.0	2030	147	0.65
CK 200	200	173	6600	14.8	0.2	0.4	1.0	2531	147	1.0
CK 300	300	499	5200	37.5	0.2	0.4	1.0	6328	284	1.6
CK 500	500	680	4800	51	0.2	1.0	1.5	8800	105	1.8

The dimensioning of the couplings is always based on the peak torque (Mmax) which is to be transmitted regularly by the drive motors.

For the basis of the calculation of the coupling's rated torque, see ordering data.

The couplings, under no circumstances, should be submitted to a torque greater than 2.5 times the rated torque.