

Elastomer Coupling – Model CTE-4

internally screwed with conical clamping ring

- high clamping forces
- screwed inside
- axial plug-in
- suitable for high speeds
- backlash-free
- high concentricity
- vibration damping
- electrically insulating
- special designs like stainless steel on request



properties	unit of measurement	unit symbol	30	60	150	300
elastomer insert			A B	A B	A B	A B
rated torque		T_{KN}	17 21	60 75	160 200	310 400
max. torque *	(Nm)	$T_{Kmax.}$	34 42	120 150	320 400	620 800
length	(mm)	A^{-2}	55	63	77	96 109
diameter	(mm)	B	42	56	66	82
clamping fit length	(mm)	C	20	23	29	37 43,5
inner-Ø H7	(mm)	$D_{1/2}$	8-24	12-32	19-35	20-45
screw		G	M4	M5	M5	M6
tightening torque	(Nm)	G	3	6	7	12
distance	(mm)	H	16	18	20	24
moment of inertia per hub	(10^{-3} kgm^2)	J	0,02	0,1	0,2	0,6
rotational speed **	(min^{-1})		19.000	14.000	12.000	10.000
approximate weight	(kg)		0,2	0,4	0,6	1,1
			Alu	Alu	Alu	Alu
CT-E4-24-01						

* Maximum transmittable torque of the clamping hub depends on the bore diameter.

** At higher speeds, the couplings must be finely balanced.

*** Insert A corresponds to shore hardness 98 A, Insert B corresponds to shore hardness 64 D.

Other hub materials as well as keyway according to DIN 6885 available at extra charge.

