

Elastomer Coupling – Model CTE-1

with short 1-fold slit hub

- short 1-fold slit hub
- backlash-free
- good vibration damping
- compensation of shaft misalignment
- axial plug-in
- good concentricity
- electrically insulating
- low inertia
- easy to install
- special designs like stainless steel on request



properties	unit of measurement	unit symbol	10	30	60	150	300	
elastomer insert			A B	A B	A B	A B	A B	
rated torque	(Nm)	T_{KN}	12 16	17 21	60 75	160 200	325 405	
max. torque *	(Nm)	$T_{Kmax.}$	25 32	34 42	120 150	320 400	650 810	
length	(mm)	A^{-2}	34	51	60	64	88	
diameter	(mm)	B	32	42	56	66	82	
diameter	(mm)	B_S	32	44,5	57	68	85	
clamping fit length	(mm)	C	11	17	21	22	32	
inner-Ø H7	(mm)	$D_{1/2}$	4 - 16	8 - 25	12 - 32	19 - 36	20 - 45	
distance	(mm)	E	5	8,5	10	10,5	16	
distance	(mm)	F	10,5	15,5	21	24	29	
screw		G	M4	M5	M6	M8	M10	
tightening torque	(Nm)	G	4	8	15	35	70	
distance	(mm)	H	11	16	18	20	24	
moment of inertia per hub	(10^{-3} kgm^2)	J	0,003	0,01	0,05	0,1	0,35	
rotational speed **	(min^{-1})		13.000	12.000	10.000	10.000	7.000	
approximate weight	(kg)		0,1	0,15	0,3	0,5	1	
			Alu	Alu	Alu	Alu	Alu	
							CT-E1-21-01	

* 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.

