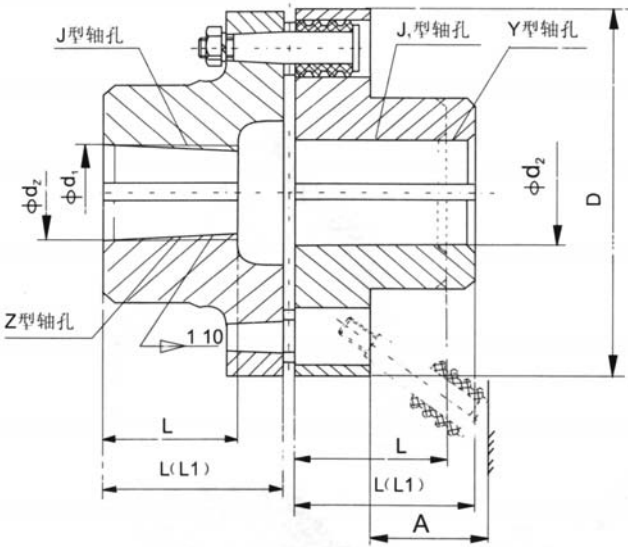


LT型弹性套柱销联轴器 LT Pin coupling with elastic sleeves



LT型弹性套柱销联轴器基本参数及主要尺寸

Basic parameters and main dimensions of LM pin coupling with elastic sleeves

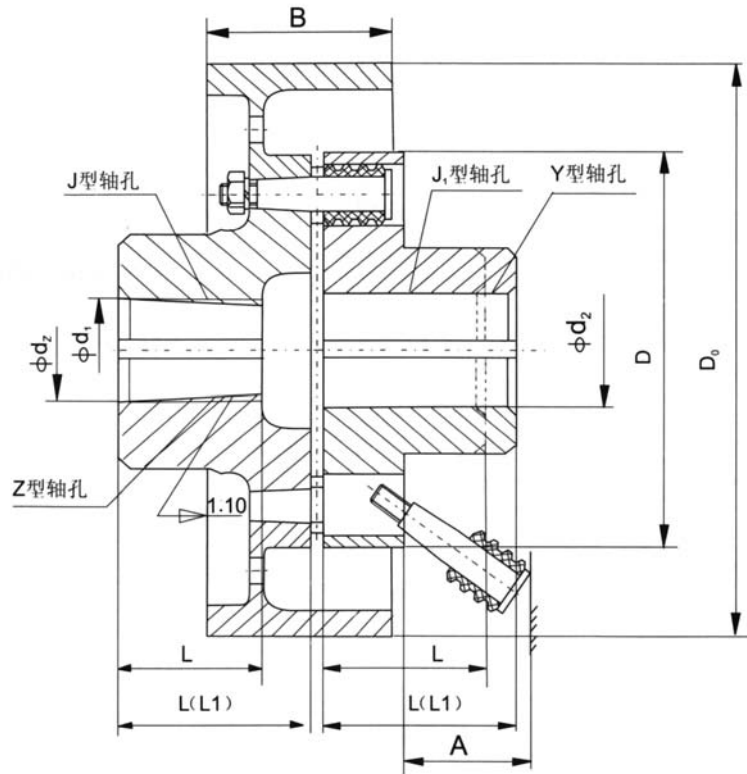
型号 Model number	公称扭矩 T _n (N·m) Nominal torque T _n (N·m)	许用转速 Allowable rotating speed (n r/min)	轴孔直径mm Shaft hole diameters (mm)	轴孔长度 Length of shaft hole (mm)			L推荐	D	S	A	质量 Mass m kg	转动惯量 morent of inertia Kg·m ²			
				Y型	J、J ₁ 、Z型										
					L	L ₁							L		
			d1、d2、dz	L	L ₁	L									
LT1	6.3	8800	9	20	14	—	25	71	3	18	0.82	0.0005			
			10.11	25	17										
			12.14	32	20										
LT2	16	7600	12.14	42	30	42	35	80	3		1.20	0.0008			
			16.18.19										52	38	52
			16.18.19												
LT3	31.5	6300	20.22	52	38	52	38	95	4	35	2.20	0.0023			
			20.22.24										62	44	62
			25.28												
LT4	63	5700	25.28	82	60	82	50	130	5	45	6.05	0.0120			
			30.32.35										112	84	112
			32.35.38												
LT5	250	3800	40.42	112	84	112	55	160	5	65	14.01	0.0550			
			40.42.45.48										142	107	142
			45.48.50.55.56												
LT6	710	3000	60.63	142	107	142	70	224	6	65	23.12	0.1340			
			50.55.56										172	132	172
			60.63.65.70.71												
LT7	1000	2850	63.65.70.71.75	172	132	172	80	250	6	80	30.69	0.2130			
			80.85.90.95										212	167	212
			80.85.90.95												
LT8	2000	2300	100.110	212	167	212	100	315	8	80	61.40	0.6600			
			100.110.120.125										172	132	172
			130												
LT9	4000	1800	120.125	212	167	212	115	400	10	100	120.7	2.1220			
			130										252	202	252
			130												
LT10	8000	1450	120.125	252	202	252	135	475	12	130	210.34	5.3900			
			130										302	242	302
			130												
LT11	16000	1150	130.140.150	302	242	302	160	600	14	180	419.36	17.580			
			160.170										302	242	302
			160.170												

注：1、质量、转动惯量是按材料为铸钢、无孔、L推荐、计算近似值；
Note: 1、The approximate value of mass and moment of inertia are calculated according to caststeel material, free of pores and L recommend.
2、短时过载不得超过公称扭矩T_n的2倍； 2.Short-time overload must not exceed twice of nominal torque.
3、工作环境温度-30℃~+80℃； 3.Operating ambient temperature is between -30℃and +80℃.

LTZ型带制动轮弹性套柱销联轴器 LTZ pin coupling with elastic sleeves and break wheel

与基本型相似，常用在有制动要求的场合。

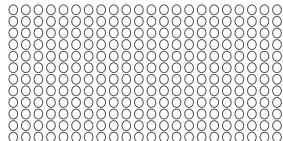
It is similar to the basic model, and often used in the occasion of needing brake.



LTZ型联轴器基本参数及主要尺寸

Basic parameters and main dimension of LTZ coupling

型号 Model number	公称扭矩 (N·m) Nominal torque (N·m)	许用转速 Allowable rotating speed (n r/min)	轴孔直径mm d1、 d2、 dz Shaft hole diameters	轴孔长度 Length of shaft hole (mm)				D ₀	D	B	S	A	质量 (kg) Mass	转动惯量 ↓ Kg·m ² Moment of inertia		
				Y型	J、 J ₁ 、 Z型		L _{推荐} L _{recomm} end									
				L	L ₁	L										
LTZ5	125	3800	25.28	62	44	62	50	200	130	85	5	45	13.38	0.0416		
			30.32.35	82	60	82										
LTZ6	250	3000	32.35.38				112	84	112	55	250		160	105	5	21.25
			40.42													
LTZ7	500	2400	40.42.45.48	142	107	142				65	315	190	132	5	65	35.00
LTZ8	710	2400	45.48.50.55.56				70		6							
			60.63													
LTZ9	1000	2400	50.55.56	112	84	112	80	250	168	6		58.67	0.4070			
			60.63.65.70	142	107	142										



型号 Model number	公称扭矩 (N·m) Nominal torque (N·m)	许用转速 Allowable rotating speed (n r/min)	轴孔直径mm d1、d2、dz Shaft hole diameters	轴孔长度 Length of shaft hole (mm)			L推荐 L _{recomm} end	D ₀	D	B	S	A	质量 (kg) Mass	转动惯量 ↓ Kg·m ² Moment of inertia
				Y型	J、J ₁ 、Z型									
				L	L ₁	L								
LTZ10	2000	1900	63.65.70.71.75	142	107	142	100	400	315	168	8	80	100.30	1.3050
			80.85.90.95	172	132	172								
LTZ11	4000	1500	80.85.90.95				212	167	212	115	500	400	210	10
			100.110											
LTZ12	8000	1200	100.110.120.125	252	202	252	135	630	475	265	12	130	370.60	12.490
			130											
LTZ13	16000	1000	120.125	212	167	212	160	710	600	298	14	180	641.13	30.480
			130.140.150	252	202	252								
			160.170	302	242	302								
注意：1、质量、转动惯量是按材料为铸钢、无孔、L _{推荐} 、计算近似值； Note: The approximate value of mass and moment of inertia are calculated according to caststeel material, free of pores and L recommend.														

附表 Attached List

LT型、LTZ型联轴器允许最大轴线补偿量

Maximum permissible compensation dosages in axial direction of LT and LTZ coupling.

型号 Model number		允许最大安装误差		允许最大运转补偿量 Maximum permissible travel compensation dosages	
		径向△Ymm Radial direction	角向△a (°) Angular direction	径向△Ymm Radial direction	角向△a (°) Angular direction
LT1		0.1	0.75°	0.2	1.5°
LT2					
LT3					
LT4					
LT5	LTZ5	0.15	0.5°	0.3	1°
LT6	LTZ6				
LT7	LTZ7				
LT8	LTZ8	0.2	0.25°	0.4	0.5°
LT9	LTZ9				
LT10	LTZ10				
LT11	LTZ11	0.25	0.25°	0.5	0.5°
LT12	LTZ12				
LT13	LTZ13				