

LK6 Series Bellows Coupling (Setscrew & Clamp Type)

Features

1. Excellent response and high torque capacity
2. Zero backlash
3. Spring action bellows configuration absorbs parallel, angular misalignments and shaft end-play
4. Identical clockwise and anticlockwise rotational characteristics
5. Setscrew Type & Clamp Type
6. Body Material: Aluminum Alloy

Setscrew Type

Clamp Type



LK6-10~LK6-16



LK6-20~LK6-55

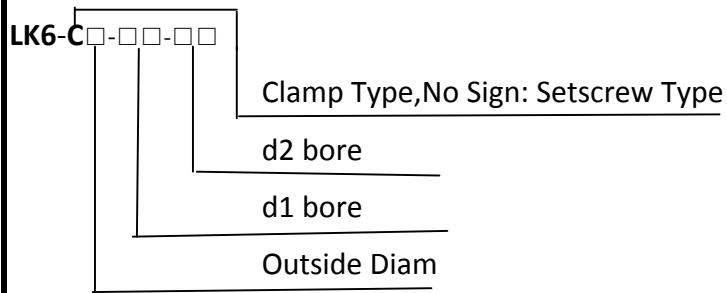


LK6-C12~LK6-C16



LK6-C20~LK6-C82

Ordering Information



Example (Setscrew Type)

LK6-25-0608

LK6: Series No.

25: Outside Diam 25mm, Setscrew Type

06: d1 bore=6mm

08: d2 bore=8mm

Example (Clamp Type)

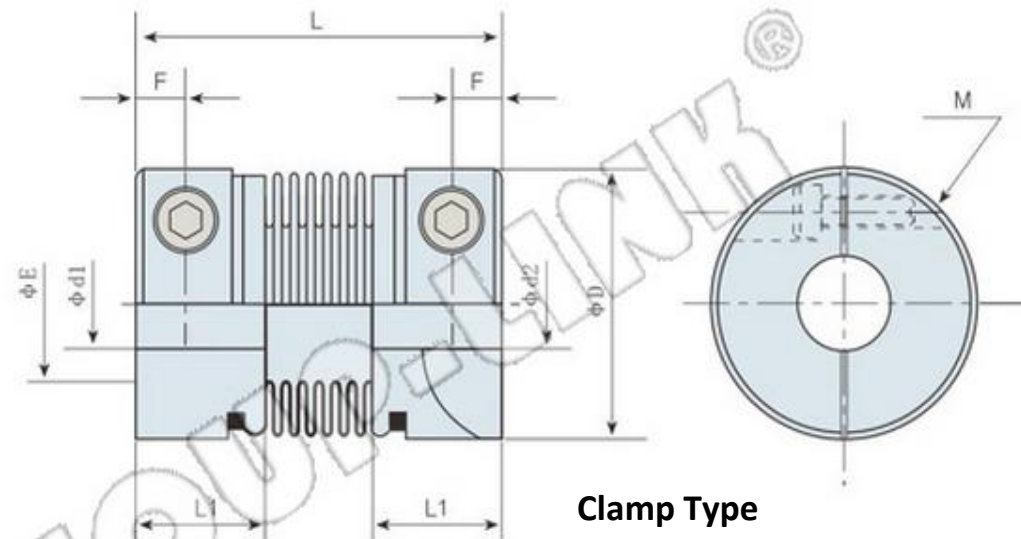
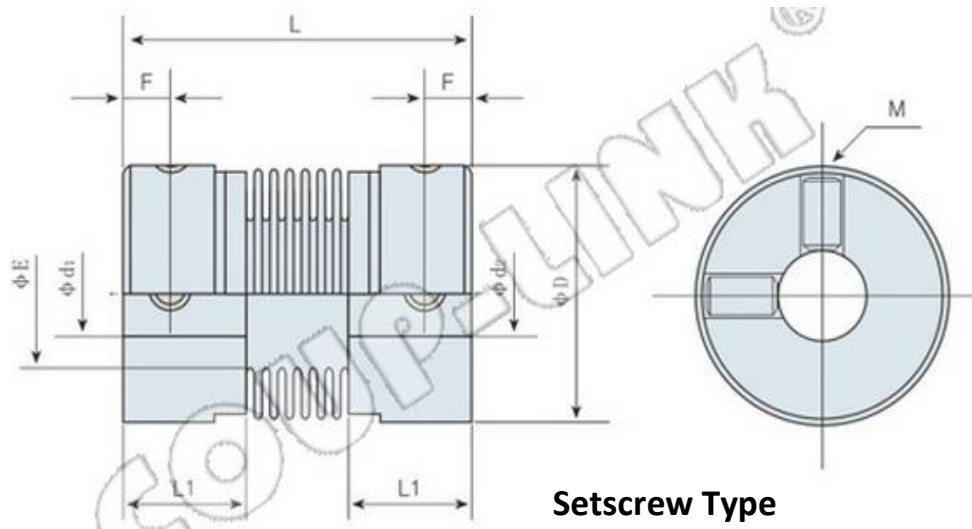
LK6-C25-0608

LK6: Series No.

C25: Outside Diam 25mm, Clamp Type

06: d1 bore=6mm

08: d2 bore=8mm



Dimensions

Model	Max.Bore d1,d2(mm)	ΦD (mm)	L (mm)	F (mm)	L1 (mm)	E (mm)	M	Wrench Torque (N.m)
LK6-10-□□□□	4	10	18	2.5	4.75	6	M2	0.4
LK6-12-□□□□	6.35	12	23.5	3	7.5	7	M2.5	0.8
LK6-16-□□□□	8	16	27	3	9.45	9.5	M3	1.2
LK6-20-□□□□	12	20	29	3	10.4	12.5	M4	2.5
LK6-25-□□□□	12	25	34	4	11.4	16	M4	2.5
LK6-32-□□□□	14	32	38	4	11.65	22	M4	2.5
LK6-32L-□□□□	14	32	49	4	11.65	22	M4	2.5
LK6-40-□□□□	16	40	51	4.5	15.9	27	M5	5
LK6-55-□□□□	19	55	57	5	15	37.5	M6	8
LK6-C12-□□□□	5	12	23.5	3	7.5	7	M2	0.4
LK6-C16-□□□□	8	16	30	3	11	9.5	M2.5	0.8
LK6-C20-□□□□	10	20	33	4	12.4	12.5	M3	1.2
LK6-C25-□□□□	12	25	38	5	13.4	16	M3	1.2
LK6-C32-□□□□	14	32	43	6	14.3	22	M4	2.5
LK6-C32L-□□□□	14	32	54	6	14.3	22	M4	2.5
LK6-C40-□□□□	16	40	62	6.5	21.5	27	M5	5
LK6-C55-□□□□	19	55	72	7	23	37	M6	8
LK6-C65-□□□□	38	65	81	9	25.5	44	M8	20
LK6-C82-□□□□	42	82	103	11	34.5	53	M10	40

Specifications

Model	Rated Torque (N.m)	Max. Torque (N.m)	Max. (rpm)	Moment of Inertia (kg.m ²)	Static Torsional Stiffness (N.m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Shaft End-play (mm)	Mass (g)
LK6-10-□□□□	0.2	0.4	28000	6.7*10 ⁻⁸	78	0.1	1.5	0.3~-1.0	3.4
LK6-12-□□□□	0.3	0.6	25000	8.9*10 ⁻⁸	81	0.1	1.5	0.3~-1.0	4.5
LK6-16-□□□□	0.8	1.6	20000	3.4*10 ⁻⁷	100	0.1	1.5	0.3~-1.0	10.5
LK6-20-□□□□	1.5	3	15000	8.9*10 ⁻⁷	160	0.1	1.5	0.3~-1.0	15
LK6-25-□□□□	2	4	13000	2.8*10 ⁻⁶	220	0.15	2	0.5~-1.3	29.5
LK6-32-□□□□	2.5	5	10000	8.8*10 ⁻⁶	310	0.2	2	0.5~-1.3	47.5
LK6-32L-□□□□	2.5	5	10000	8.9*10 ⁻⁶	310	0.2	2	0.5~-1.3	58
LK6-40-□□□□	10	20	8000	1.5*10 ⁻⁵	520	0.2	2	0.7~-1.5	109
LK6-55-□□□□	25	50	6000	2.3*10 ⁻⁵	850	0.2	2	0.7~-1.5	261
LK6-C12-□□□□	0.3	0.6	20000	9.6*10 ⁻⁸	80	0.1	1.5	0.3~-1.0	4.3
LK6-C16-□□□□	0.8	1.6	18000	3.4*10 ⁻⁷	100	0.1	1.5	0.3~-1.0	15
LK6-C20-□□□□	1.5	3	13000	8.9*10 ⁻⁷	160	0.1	1.5	0.3~-1.0	19.5
LK6-C25-□□□□	2	4	11000	2.8*10 ⁻⁶	220	0.15	2	0.5~-1.3	36
LK6-C32-□□□□	2.5	5	10000	8.8*10 ⁻⁶	310	0.2	2	0.5~-1.3	58
LK6-C32L-□□□□	2.5	5	10000	8.9*10 ⁻⁶	310	0.2	2	0.5~-1.3	62
LK6-C40-□□□□	10	20	8000	1.5*10 ⁻⁵	520	0.2	2	0.7~-1.5	149
LK6-C55-□□□□	25	50	6000	2.3*10 ⁻⁵	850	0.2	2	0.7~-1.5	334
LK6-C65-□□□□	60	120	4500	2.8*10 ⁻⁵	960	0.2	2	0.7~-1.5	474
LK6-C82-□□□□	80	160	4000	6.0*10 ⁻⁵	1290	0.2	2	0.7~-1.5	1090

**Remark: 1.Moment of inertial and mass figures based on the maximum shaft bores.
2.You can choose any bores smaller than Max.bore according to your requirement.**