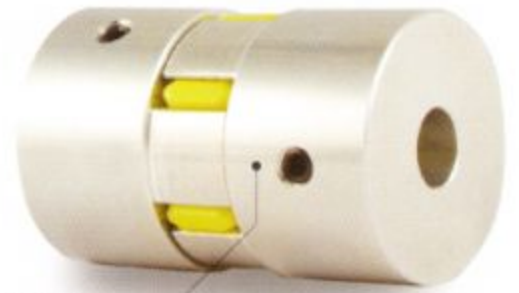


# LK17 系列 (经济型) I. 定位螺丝固定型梅花联轴器

LK17 Series (Economic Type) I. Setscrew Type (Curved Jaw)

## 特点 Features

- 中间弹性体联接
- 可吸收振动、补偿径向、角向和轴向偏差
- 抗油与电气绝缘
- 顺时针与逆时针回转特性完全相同
- 有两种不同硬度弹性体
- 定位螺丝固定
- Coupling assembled by pressing a polyurethane sleeve into hubs on both sides
- Can absorb vibration, parallel, angular misalignments and shaft end-play
- Resistance to oil and electrical insulation
- Identical clockwise and anticlockwise rotational characteristics
- Two different hardness sleeves are available
- Setscrew type



主体：铝合金材料  
Body: Aluminum Alloy



## 选型举例：Ordering Information

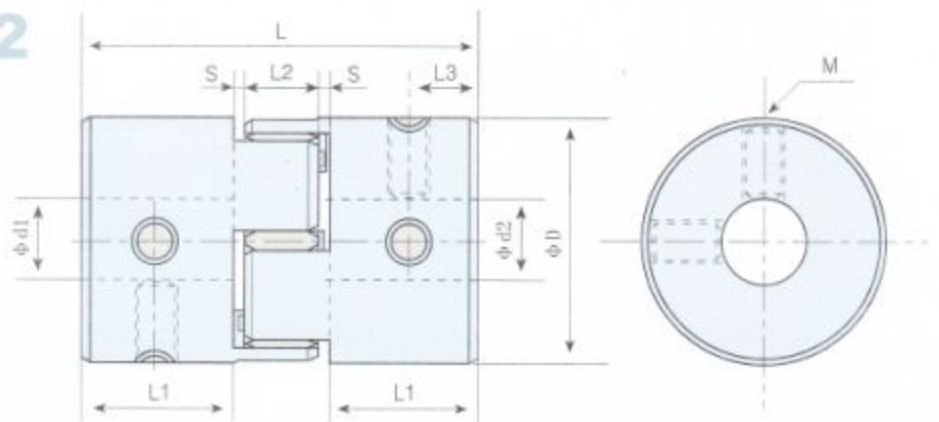


## 例：LK17-42-1012

- LK17: 系列号, 材料为铝合金  
42: 外径尺寸: 42mm, 定位螺丝固定  
10: d1轴径为: 10mm  
12: d2轴径为: 12mm

### Example: LK17-42-1012

- LK17: Series NO, Material :Aluminum Alloy  
42: Outside Diam: 42mm , Setscrew Type  
10:d1 Bore :10mm  
12:d2 Bore :12mm



说明: 如需另加键槽, 则以非标形式定做, 在型号外径尺寸后加K, 例: LK17-42K-1012表示。

## 外型尺寸 Dimensions

单位 (unit): mm

型号 Model	Ød1 Ød2 轴 径 Bore	ØD	L	L1	L2	S	L3	M	拧紧力矩 Wrench Torque (N.m)
LK17-42-□□□□	8 10 12 14 19 20 22 24	42	66	25	12	2.0	8.5	M5	4
LK17-56-□□□□	12 14 16 19 20 24 28 30 32	56	78	30	14	2.0	10	M5	4
LK17-66-□□□□	19 20 22 24 28 30 32 35	66	90	35	15	2.5	10.5	M8	15
LK17-82-□□□□	20 24 28 32 35 38 40 42 45	82	114	45	18	3.0	15.5	M8	15
LK17-98-□□□□	28 30 32 35 38 42 50 55 60	98	126	50	20	3.0	17	M8	15
LK17-108-□□□□	35 40 45 50 55 60	108	140	54.5	24	3.5	23	M8	15

## 技术参数 Specifications

型号 Model	额定扭矩 Rated Torque (N.m)	最大扭矩 Max. Torque (N.m)	最高转速 Max. Rotational Frequency (rpm)	惯性力矩 Moment of Inertia (kg·m <sup>2</sup> )	静态扭矩刚性 Static Torsional Stiffness (N.m/rad)	径向偏差 Errors of Eccentricity (mm)	角向偏差 Errors of Angularity (°)	轴向偏差 Errors of Shaft End-play (mm)	重量 Mass (g)
LK17-42-□□□□	32	64	13000	$1.14 \times 10^{-4}$	550	0.02	1.0	$+0.80$ 0	160
LK17-56-□□□□	46	92	10500	$4.4 \times 10^{-3}$	1510	0.02	1.0	$+0.80$ 0	360
LK17-66-□□□□	109	218	8300	$9.0 \times 10^{-3}$	2790	0.02	1.0	$+0.80$ 0	590
LK17-82-□□□□	135	270	7000	$1.8 \times 10^{-2}$	3550	0.02	1.0	$+1.0$ 0	970
LK17-98-□□□□	260	520	6000	$2.0 \times 10^{-2}$	4700	0.02	1.0	$+1.0$ 0	1900
LK17-108-□□□□	430	860	5500	$3.3 \times 10^{-2}$	5800	0.02	1.0	$+1.0$ 0	2450

说明：惯性力矩和重量按最大孔径计算。

Moment of inertia and mass figures based on the maximum shaft bores.

# LK17 系列 (经济型) II. 夹紧螺丝固定型梅花联轴器

LK17 Series (Economic Type) II. Clamp Type (Curved Jaw)

## 特点 Features

- 中间弹性体联接
  - 可吸收振动、补偿径向、角向和轴向偏差
  - 抗油与电气绝缘
  - 顺时针与逆时针回转特性完全相同
  - 有两种不同硬度弹性体
  - 夹紧螺丝固定
- Coupling assembled by pressing a polyurethane sleeve into hubs on both sides
  - Can absorb vibration, parallel, angular misalignments and shaft end-play
  - Resistance to oil and electrical insulation
  - Identical clockwise and anticlockwise rotational characteristics
  - Two different hardness sleeves are available
  - Clamp type



主体：铝合金材料  
Body: Aluminum Alloy

## 选型举例：Ordering Information

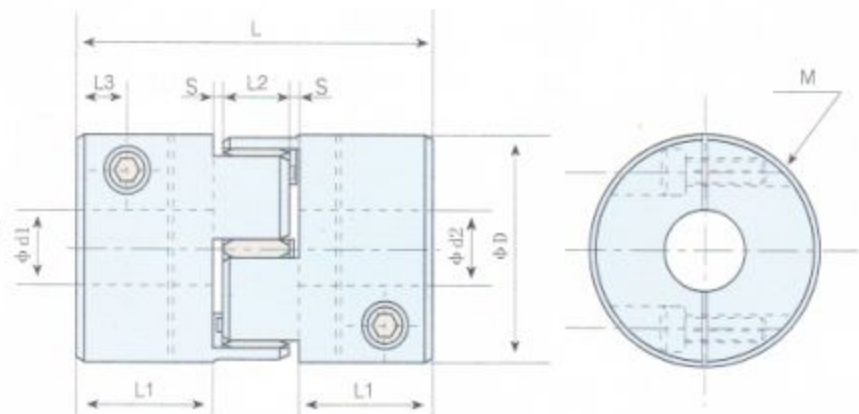


## 例：LK17-C42-1418

- LK17: 系列号, 材料为铝合金
- C42: 外径尺寸: 42mm, 夹紧螺丝固定
- 14: d1轴径为: 14mm
- 18: d2轴径为: 18mm

### Example: LK17-C42-1418

- LK17: Series NO, Material : Aluminum Alloy
- C42: Outside Diam: 42mm, Clamp Type
- 14: d1 Bore : 14mm
- 18: d2 Bore : 18mm



说明: 如需另加键槽, 则以非标形式定做, 在型号外径尺寸后加K, 例: LK17-C42K-1418表示。

## 外型尺寸 Dimensions

单位 (unit): mm

型号 Model	Ød1 Ød2 轴径 Bore	ØD	L	L1	L2	S	L3	M	拧紧力矩 Wrench Torque (N.m)
LK17-C42-□□□□	8 10 12 14 19 20 22 24	42	66	25	12	2.0	8.5	M5	8
LK17-C56-□□□□	12 14 16 19 20 24 28 30 32	56	78	30	14	2.0	10	M6	8
LK17-C66-□□□□	19 20 22 24 28 30 32 35	66	90	35	15	2.5	10.5	M8	15
LK17-C82-□□□□	20 24 28 32 35 38 40 42 45	82	114	45	18	3.0	15.5	M8	15
LK17-C98-□□□□	28 30 32 35 38 42 50 55 60	98	126	50	20	3.0	17	M10	25
LK17-C108-□□□□	35 40 45 50 55 60	108	140	54.5	24	3.5	23	M12	35

## 技术参数 Specifications

型号 Model	额定扭矩 Rated Torque (N.m)	最大扭矩 Max. Torque (N.m)	最高转速 Max. Rotational Frequency (rpm)	惯性力矩 Moment of Inertia (kg·m <sup>2</sup> )	静态扭矩刚性 Static Torsional Stiffness (N.m/rad)	径向偏差 Errors of Eccentricity (mm)	角向偏差 Errors of Angularity (°)	轴向偏差 Errors of Shaft End-play (mm)	重量 Mass (g)
LK17-C42-□□□□	32	64	10000	$1.15 \times 10^{-3}$	560	0.02	1.0	$+0.80$ 0	165
LK17-C56-□□□□	46	92	8000	$4.5 \times 10^{-3}$	1520	0.02	1.0	$+0.80$ 0	375
LK17-C66-□□□□	109	218	6000	$9.1 \times 10^{-3}$	2810	0.02	1.0	$+0.80$ 0	600
LK17-C82-□□□□	135	270	4600	$1.81 \times 10^{-2}$	3560	0.02	1.0	$+1.0$ 0	975
LK17-C98-□□□□	260	520	3800	$2.1 \times 10^{-2}$	4750	0.02	1.0	$+1.0$ 0	1910
LK17-C108-□□□□	430	860	3400	$3.3 \times 10^{-2}$	5850	0.02	1.0	$+1.0$ 0	2510

说明：惯性力矩和重量按最大孔径计算。

Moment of inertia and mass figures based on the maximum shaft bores