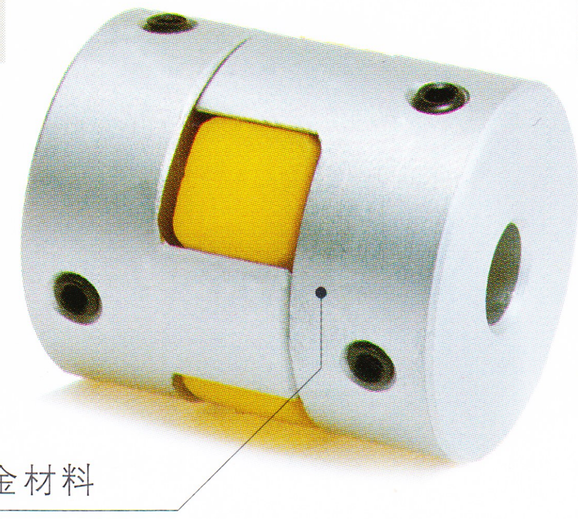
LK8 系列 I.定位螺丝固定型梅花联轴器

LK8 Series I.Setscrew Type (Curved Jaw)



主体：铝合金材料

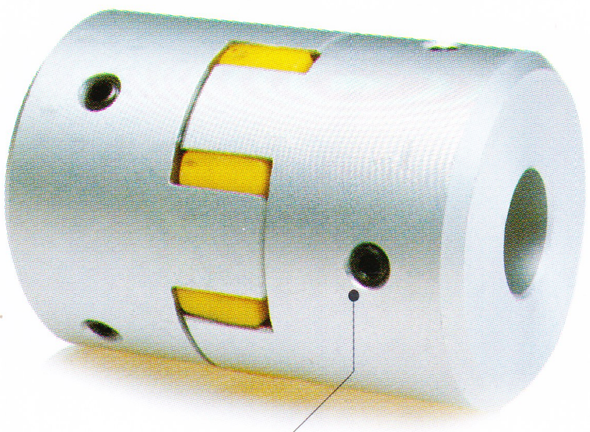
Body：Aluminum Alloy

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 avaible
- Setscrew type





主体：铝合金材料

Body：Aluminum Alloy

选型举例：Ordering Information

LK8 — □ - □□ - □□

d1轴径：d1 Bore

d2轴径：d2 Bore

外径尺寸：Outside Diam

例：LK8-30-1012

LK8：系列号，材料为铝合金

30：外径尺寸：30mm,定位螺丝固定

10：d1轴径为：10mm

12：d2轴径为：12mm

Example: LK8-30-1012

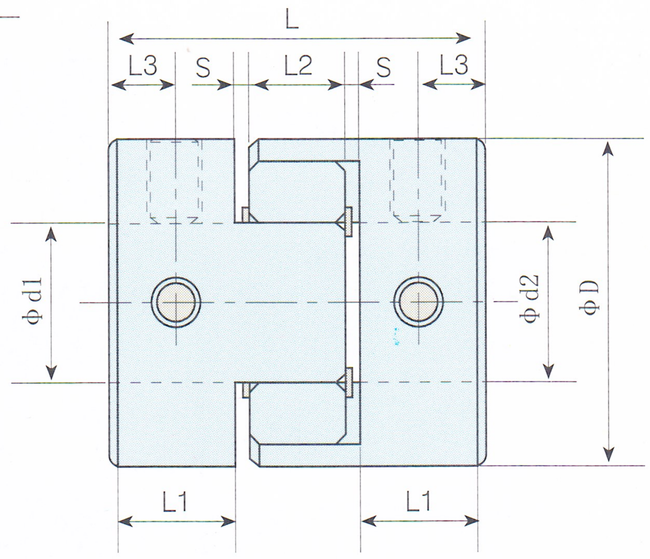
LK8: Series NO, Material :Aluminum Alloy

30: Outside Diam: 30mm , Setscrew Type

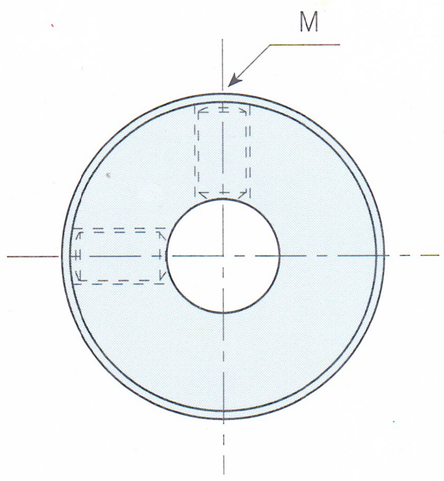
10:d1 Bore :10mm

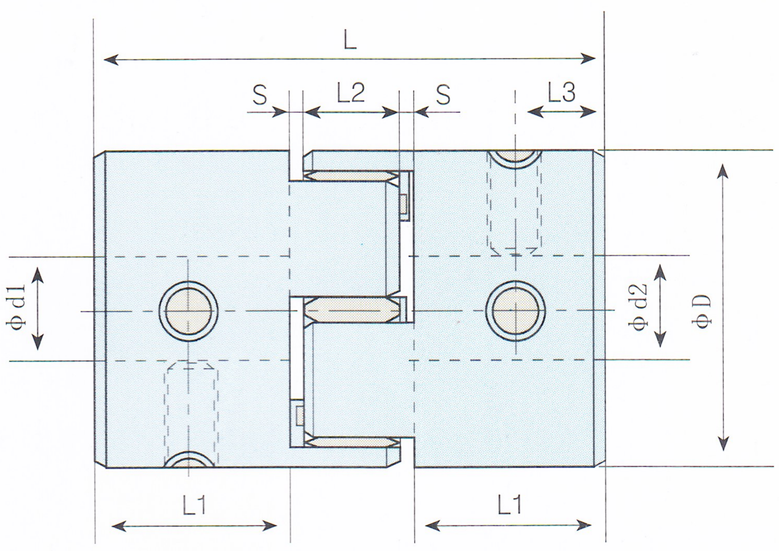
12:d2 Bore :12mm

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：LK8-30K-1012表示。

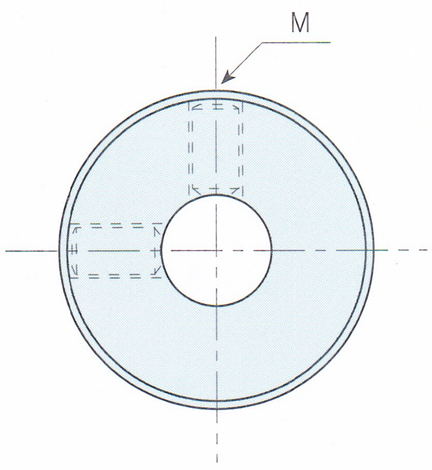


LK8-14-LK8-30





LK8-40-LK8-105



外型尺寸 Dimensions

单位 (unit)：mm

型 号 Model	∅d1 ∅d2 轴 径 Bore	∅D	L	L1	L2	S	L3	M	拧紧力矩 Wrench Torque (N.m)
LK8-14-□□□□	2 3 4 5 6 7	14	22	7	6	1.0	3.5	M3	1.0
LK8-20-□□□□	4 5 6 7 8 10	20	30	10	8	1.0	5.0	M4	1.3
LK8-25-□□□□	4 5 6 6.35 8 10 11 12	25	34	11	10	1.0	5.0	M4	1.5
LK8-30-□□□□	8 9.525 10 12 14 16	30	35	11	10	1.5	5.0	M4	1.7
LK8-40S-□□□□	14 16 19 20 22 24	40	55	19.5	12	2.0	10	M5	4
LK8-40-□□□□	14 16 18 19 20 22 24	40	66	25	12	2.0	10	M5	4
LK8-55-□□□□	14 16 19 24 25 28	55	78	30	14	2.0	10	M5	4
LK8-65-□□□□	19 20 24 28 30 35 38	65	90	35	15	2.5	15	M8	15
LK8-80-□□□□	24 28 30 35 38 40 45	80	114	45	18	3.0	15	M8	15
LK8-95-□□□□	30 35 38 40 45 50 55	95	126	50	20	3.0	20	M8	15
LK8-105-□□□□	35 40 45 50 55 60	105	140	56	21	3.5	20	M8	15

技术参数 Specifications

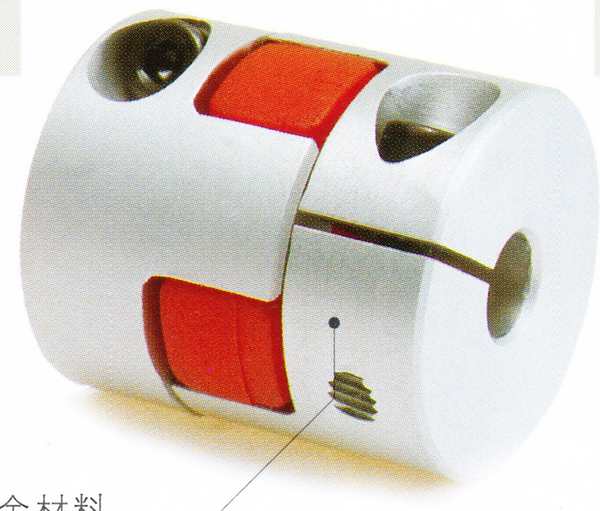
型 号 Model	额定扭矩 Rated Torque (N.m)	最大扭矩 Max.Torque (N.m)	最高转速 Max.Rotational Frequency (rpm)	惯性力矩 Moment of Inertia (kg·m²)	静态扭矩刚性 Static Torsional Stiffness (N.m/rad)	径向偏差 Errors of Eccentricity (mm)	角向偏差 Errors of Angularity (°C)	轴向偏差 Errors of Shaft End-play (mm)	重量 Mass (g)
LK8-14-□□□□	1.1	2.2	19000	$5.9X10^{-4}$	46	0.02	1.0	$+0.60\ 0$	26
LK8-20-□□□□	2.8	5.6	17000	$6.7X10^{-4}$	55	0.02	1.0	$+0.60\ 0$	37
LK8-25-□□□□	6.0	12.0	16000	$7.6X10^{-4}$	63	0.02	1.0	$+0.60\ 0$	42
LK8-30-□□□□	6.5	13.0	15000	$8.5X10^{-4}$	72	0.02	1.0	$+0.60\ 0$	46
LK8-40S-□□□□	32	64	13000	$9.4X10^{-4}$	500	0.02	1.0	$+0.80\ 0$	140
LK8-40-□□□□	32	64	13000	$1.1X10^{-3}$	550	0.02	1.0	$+0.80\ 0$	148
LK8-55-□□□□	46	92	10500	$4.4X10^{-3}$	1500	0.02	1.0	$+0.80\ 0$	350
LK8-65-□□□□	109	218	8300	$9.0X10^{-3}$	2800	0.02	1.0	$+0.80\ 0$	572
LK8-80-□□□□	135	270	7000	$1.8X10^{-2}$	3500	0.02	1.0	$+1.00\ 0$	950
LK8-95-□□□□	260	520	6000	$2.0X10^{-2}$	4600	0.02	1.0	$+1.00\ 0$	1800
LK8-105-□□□□	430	860	5500	$3.2X10^{-2}$	5800	0.02	1.0	$+1.00\ 0$	2400

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

LK8 系列 II.夹紧螺丝固定型梅花联轴器

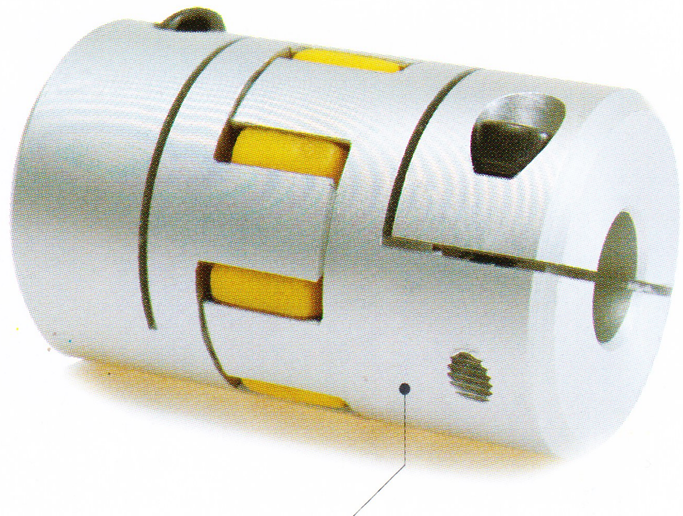
LK8 Series II.Clamp Type (Curved Jaw)



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 avaible
- Clamp type



选型举例：Ordering Information

LK8 — C□ - □□ - □□

- □□ d2轴径：d2 Bore
- □□ d1轴径：d1 Bore
- C□ 外径尺寸：Outside Diam

例：LK8-C40-1418

LK8：系列号，材料为铝合金

C40：外径尺寸：40mm，夹紧螺丝固定

14：d1轴径为：14mm

18：d2轴径为：18mm

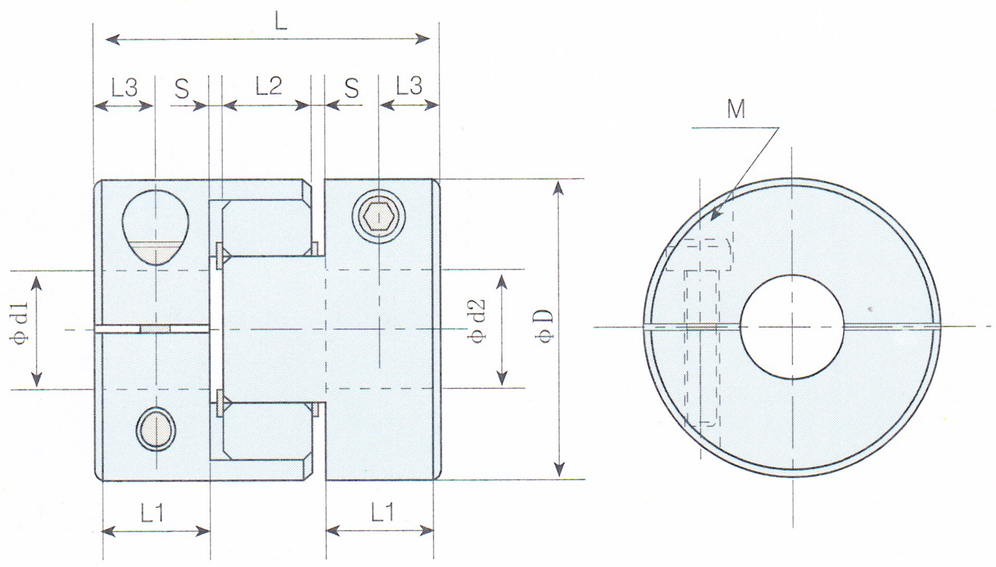
Example: LK8-C40-1418

LK8:Series NO, Material :Aluminum Alloy

C40: Outside Diam: 40mm , Clamp Type

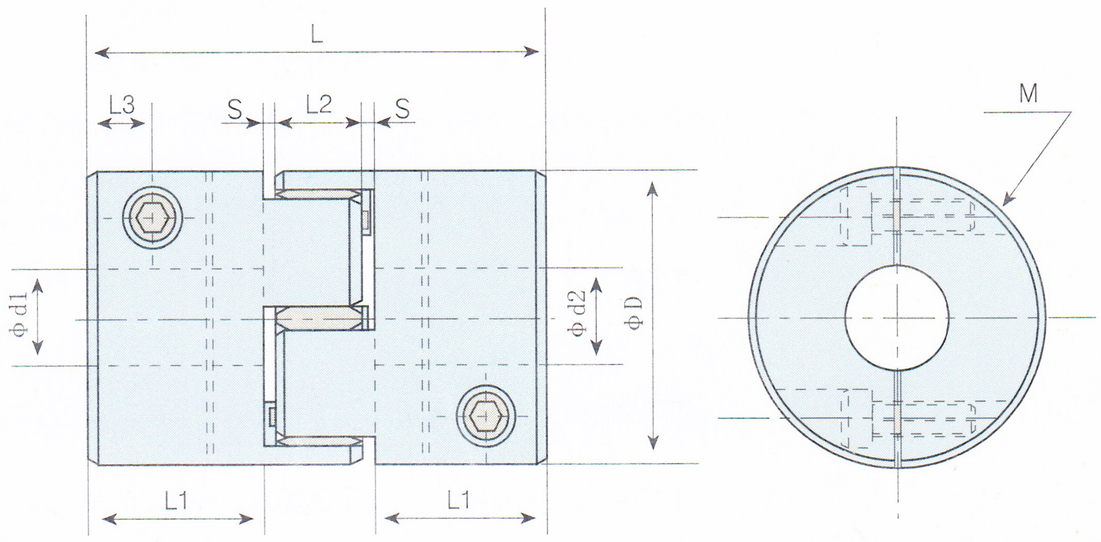
14:d1 Bore :14mm

18:d2 Bore :18mm



LK8-C14-LK8-C30

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：LK8-C40K-1418表示。



LK8-C40-LK8-C105

外型尺寸 Dimensions

单位(unit):mm

型号 Model	∅d1 ∅d2 轴径 Bore	∅D	L	L1	L2	S	L3	M	拧紧力矩 Wrench Torque (N.m)
LK8-C14-□□□□	2 3 4 5 6 7	14	22	7	6	1.0	3.5	M2.5	1.0
LK8-C20-□□□□	4 5 6 7 8 10	20	30	10	8	1.0	5.0	M3	1.3
LK8-C25-□□□□	4 5 6 6.35 8 10 11 12	25	34	11	10	1.0	5.0	M4	1.5
LK8-C30-□□□□	8 9.525 10 12 14 16	30	35	11	10	1.5	5.0	M4	1.7
LK8-C40S-□□□□	14 16 18 19 20 22 24	40	55	19.5	12	2.0	10	M6	8
LK8-C40-□□□□	14 16 18 19 20 22 24	40	66	25	12	2.0	10	M6	8
LK8-C55-□□□□	14 16 19 24 25 28	55	78	30	14	2.0	10.5	M6	8
LK8-C65-□□□□	19 20 24 28 30 35 38	65	90	35	15	2.5	11.5	M8	15
LK8-C80-□□□□	24 28 30 35 38 40 45	80	114	45	18	3.0	15.5	M8	15
LK8-C95-□□□□	30 35 38 40 45 50 55	95	126	50	20	3.0	18.0	M10	25
LK8-C105-□□□□	35 40 45 50 55 60	105	140	56	21	3.5	21.0	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·m²)	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 (°C)	轴向偏差 Errors of Shaft End-play (mm)	重量 Mass (g)
LK8-C14-□□□□	1.1	2.2	19000	$5.9X10^{-4}$	46	0.02	1.0	+0.60 0	26
LK8-C20-□□□□	2.8	5.6	17000	$6.7X10^{-4}$	55	0.02	1.0	+0.60 0	37
LK8-C25-□□□□	6.0	12.0	16000	$7.6X10^{-4}$	63	0.02	1.0	+0.60 0	42
LK8-C30-□□□□	6.5	13.0	12000	$8.5X10^{-4}$	72	0.02	1.0	+0.60 0	50
LK8-C40S-□□□□	32	64	10000	$9.4X10^{-4}$	500	0.02	1.0	+0.80 0	150
LK8-C40-□□□□	32	64	10000	$1.1X10^{-3}$	550	0.02	1.0	+0.80 0	156
LK8-C55-□□□□	46	92	8000	$4.4X10^{-3}$	1500	0.02	1.0	+0.80 0	362
LK8-C65-□□□□	109	218	6000	$9.0X10^{-3}$	2800	0.02	1.0	+0.80 0	582
LK8-C80-□□□□	135	270	4600	$1.8X10^{-2}$	3500	0.02	1.0	+1.00 0	966
LK8-C95-□□□□	260	520	3800	$2.0X10^{-2}$	4600	0.02	1.0	+1.00 0	1820
LK8-C105-□□□□	430	860	3400	$3.2X10^{-2}$	5800	0.02	1.0	+1.00 0	2430

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