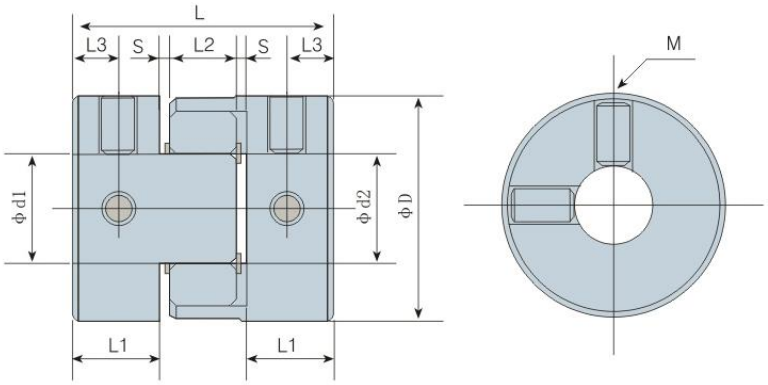
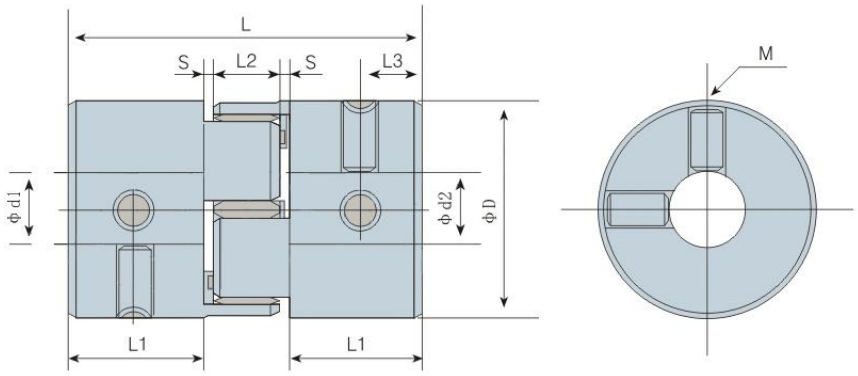
Curved Jaw: LK16 Series Setscrew Type

- Coupling assembled by pressing polyurethane sleeve into hubs on both sides
- Can absorb vibration, parallel, angular misalignment and shaft end play
- Resistant to oil and insulates against electrical currents
- Identical clockwise and anticlockwise rotational characteristics
- Four different hardness sleeves are available



LK16-15~LK16-32



LK16-42~LK16-108

Dimensions (mm):

Part. No	d1-d2		ΦD	L	L1	L2	S	L3	M	Tightening Torque (Nm)
	Min Bore	Max Bore								
LK16-15	3	8	15	20	6	6	1	3	M4	0.7
LK16-26	6	12	26	26	7	10	1	4	M5	3.7
LK16-32	8	16	32	32	9.5	10	1.5	5	M5	3.7
LK16-42	11	24	42	50	17	12	2	8.5	M6	6.3
LK16-56	15	32	56	58	20	14	2	10	M6	6.3
LK16-66	20	35	66	62	21	15	2.5	10.5	M8	15
LK16-82	30	45	82	86	31	18	3	15.5	M8	15
LK16-98	38	60	98	94	34	20	3	17	M10	29.5
LK16-108	38	60	108	123	46	24	3.5	23	M10	29.5

Note :
1.For other bore sizes which are not listed above, customized ones are available, please consult us.
2.Standard bore tolerance is for the shaft with tolerance h7 or h8, if other tolerance is required, please consult us.

Specifications

Part. No.	Rated Torque (N.m)	Max.Rotational Frequency (rpm)	Moment Of Inertia (kg m^2)	Static Torsional Stiffness (N.m/rad)	Errors of Eccentricity (mm)	Errors of Angularity (°)	Errors of Angularity (mm)	N.W. (g)
LK16-15-B	0.7	19000	$2.2x10^{-7}$	8.6	0.15	1	+0.6 0	6.6
LK16-26-B	3	16000	$2.5x10^{-6}$	17	0.19	1	+0.8 0	25
LK16-32-B	4	15000	$6.07x10^{-6}$	62	0.2	1	+1.0 0	44
LK16-42-B	6	13000	$3.2x10^{-5}$	380	0.2	1	+1.2 0	113
LK16-15-Y	1.2	19000	$2.2x10^{-7}$	14	0.1	1	+0.6 0	6.6
LK16-26-Y	5	16000	$2.5x10^{-6}$	65	0.14	1	+0.9 0	25
LK16-32-Y	7.5	15000	$6.7x10^{-6}$	73	0.15	1	+1.0 0	44
LK16-42-Y	12	13000	$3.2x10^{-5}$	570	0.1	1	+1.2 0	113
LK16-56-Y	35	10500	$1.3x10^{-4}$	1600	0.14	1	+1.4 0	264
LK16-66-Y	95	8300	$2.5x10^{-4}$	3000	0.15	1	+1.5 0	348
LK16-82-Y	190	7000	$8.5x10^{-4}$	5300	0.17	1	+1.8 0	786
LK16-98-Y	265	6000	$1.8x10^{-3}$	6200	0.19	1	+2.0 0	1107
LK16-108-Y	310	5500	$3.7x10^{-3}$	10870	0.23	1	+2.1 0	1958
LK16-15-R	2	19000	$2.2x10^{-7}$	22	0.06	0.9	+1.4 0	6.6
LK16-26-R	9	16000	$2.5x10^{-6}$	85	0.08	0.9	+0.9 0	25
LK16-32-R	12.5	15000	$6.7x10^{-6}$	130	0.09	0.9	+1.0 0	44
LK16-42-R	21	13000	$3.2x10^{-5}$	1200	0.06	0.9	+1.2 0	113
LK16-56-R	60	10500	$1.3x10^{-4}$	2600	0.1	0.9	+1.4 0	264
LK16-66-R	160	8300	$2.5x10^{-4}$	4900	0.1	0.9	+1.5 0	348
LK16-82-R	325	7000	$8.5x10^{-4}$	6500	0.1	0.9	+1.8 0	786
LK16-98-R	450	6000	$1.8x10^{-3}$	8900	0.1	0.9	+2.0 0	1107
LK16-108-R	525	5500	$3.7x10^{-3}$	25759	0.1	0.9	+2.1 0	1958
LK16-56-G	75	10500	$1.3x10^{-4}$	5030	0.07	0.8	+1.4 0	264
LK16-66-G	200	8300	$2.5x10^{-4}$	10260	0.08	0.8	+1.5 0	348
LK16-82-G	405	7000	$8.5x10^{-4}$	16300	0.09	0.8	+1.8 0	786
LK16-98-G	560	6000	$1.8x10^{-3}$	26860	0.1	0.8	+2.0 0	1107
LK16-108-G	650	5500	$3.7x10^{-3}$	47630	0.11	0.8	+2.1 0	1958

Note:

1. Moment of inertia and mass's based on the maximum shaft bores.
2. Dynamic balance is not accounted for in calculating maximum speed.
3. Values given are based on 20˚C