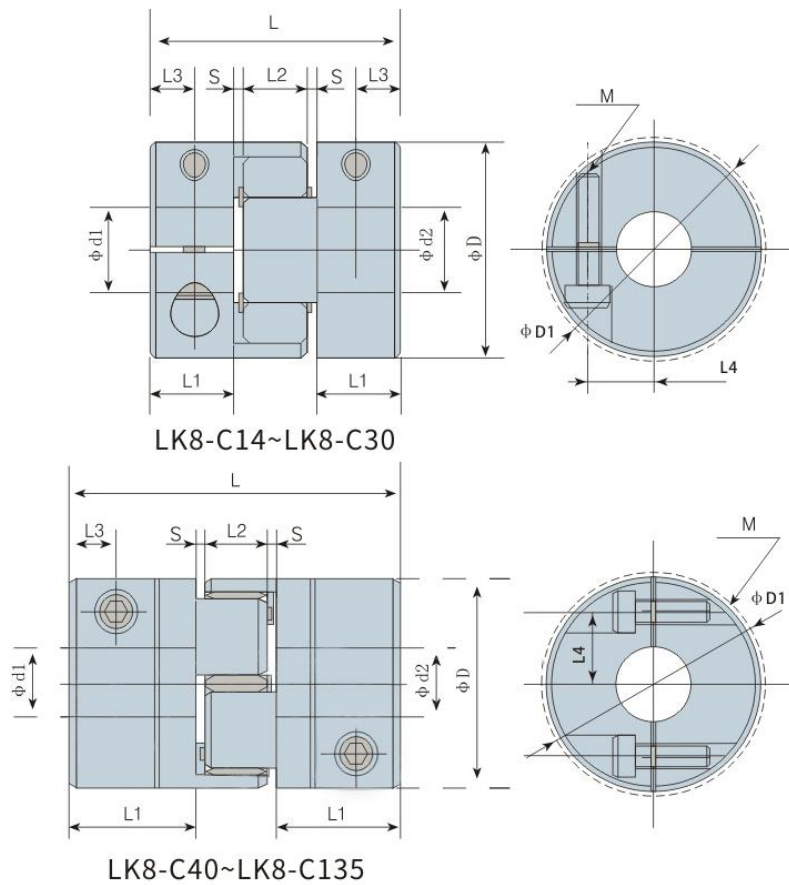


Curved Jaw: LK8 Series Clamp Type



- 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



Dimensions

Part. No.	d1-d2		ΦD	ΦD1	L	L1	L2	S	L3	L4	M	Tightening Torque (Nm)
	Min Bore	Max Bore										
LK8-C14	3	7	14	19	22	7	6	1.0	3.5	5.25	M2.5	1.0-1.1
LK8-C20	5	10	20	22.5	30	10	8	1.0	5	7.5	M2.5	1.0-1.1
LK8-C25	6	12	25	30	34	11	10	1.0	5	9.25	M4	1.5-1.9
LK8-C30	8	16	30	34	35	11	10	1.5	5	11.5	M4	1.5-1.9
LK8-C40S	11	24	40	46	55	19.5	12	2.0	10	16	M5	7.0-8.5
LK8-C40	11	24	40	46	66	25	12	2.0	10	16	M5	7.0-8.5
LK8-C55	15	28	55	56.5	78	30	14	2.0	10	19	M6	14-15
LK8-C65	20	38	65	72.5	90	35	15	2.5	15	25.75	M8	27-30
LK8-C80	30	45	80	84	114	45	18	3.0	15	31.25	M8	27-30
LK8-C95	38	55	95	100	126	50	20	3.0	20	37.5	M10	55-60
LK8-C105	38	60	105	108	140	56	21	3.5	20	41.25	M10	55-60
LK8-C120	40	65	120	123	160	65.5	22	3.5	25	46.25	M12	70-80
LK8-C135	45	70	135	136	185	76	26	3.5	30	51.25	M12	70-80

Note :

1. Should you require bore sizes not listed above, please consult us.

2. Standard bore tolerance is for the shaft with tolerance h7 or h8, if other tolerance is required, please consult us.

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)
LK8-C14-B	0.7	27000	2.0x10 ⁻⁷	8.6	0.15	1	+0.6 0	7
LK8-C20-B	1.8	19000	1.06x10 ⁻⁶	17	0.19	1	+0.8 0	19
LK8-C25-B	3.0	15200	3.15x10 ⁻⁶	54	0.2	1	+0.9 0	32
LK8-C30-B	4.0	12700	6.15x10 ⁻⁶	62	0.2	1	+1.0 0	46
LK8-C40S-B	6.0	9550	3.01x10 ⁻⁵	380	0.2	1	+1.2 0	113
LK8-C40-B	6.0	9550	3.66x10 ⁻⁵	550	0.2	1	+1.2 0	137
LK8-C14-Y	1.2	27000	2.0x10 ⁻⁷	14	0.1	1	+0.6 0	7
LK8-C20-Y	3.0	19000	1.06x10 ⁻⁶	31	0.13	1	+0.8 0	19
LK8-C25-Y	5.0	15200	3.15x10 ⁻⁶	65	0.14	1	+0.9 0	32
LK8-C30-Y	7.5	12700	6.15x10 ⁻⁶	73	0.15	1	+1.0 0	46
LK8-C40S-Y	12	9550	3.01x10 ⁻⁵	570	0.1	1	+1.2 0	113
LK8-C40-Y	12	9550	3.66x10 ⁻⁵	570	0.1	1	+1.2 0	137
LK8-C55-Y	35	6950	1.60x10 ⁻⁴	1600	0.14	1	+1.4 0	344
LK8-C65-Y	95	5850	3.55x10 ⁻⁴	3000	0.15	1	+1.5 0	505
LK8-C80-Y	190	4750	1.04x10 ⁻³	5300	0.17	1	+1.8 0	1006
LK8-C95-Y	265	4000	2.27x10 ⁻³	6200	0.19	1	+2.0 0	1531
LK8-C105-Y	310	3600	3.79x10 ⁻³	10870	0.23	1	+2.1 0	2106
LK8-C14-R	2.0	27000	2.0x10 ⁻⁷	22	0.06	0.9	+0.6 0	7
LK8-C20-R	5.0	19000	1.06x10 ⁻⁶	51	0.08	0.9	+0.8 0	19
LK8-C25-R	9.0	15200	3.15x10 ⁻⁶	85	0.08	0.9	+0.9 0	32
LK8-C30-R	12.5	12700	6.15x10 ⁻⁶	130	0.09	0.9	+1.0 0	46
LK8-C40S-R	21	9550	3.01x10 ⁻⁵	1200	0.06	0.9	+1.2 0	113
LK8-C40-R	21	9550	3.66x10 ⁻⁵	1200	0.06	0.9	+1.2 0	137
LK8-C55-R	60	6950	1.60x10 ⁻⁴	2600	0.1	0.9	+1.4 0	344
LK8-C65-R	160	5850	3.55x10 ⁻⁴	4900	0.1	0.9	+1.5 0	505
LK8-C80-R	325	4750	1.04x10 ⁻³	6500	0.1	0.9	+1.8 0	1006
LK8-C95-R	450	4000	2.27x10 ⁻³	8900	0.1	0.9	+2.0 0	1531
LK8-C105-R	525	3600	3.79x10 ⁻³	25759	0.1	0.9	+2.1 0	2106
LK8-C120-R	685	3150	7.6x10 ⁻³	32117	0.1	0.9	+2.2 0	3280

LK8-C135-R	940	2800	1.44×10^{-2}	38520	0.1	0.9	+2.6 0	4971
LK8-C55-G	75	8650	1.60×10^{-4}	5030	0.07	0.8	+1.4 0	344
LK8-C65-G	200	7350	3.55×10^{-4}	10260	0.08	0.8	+1.5 0	505
LK8-C80-G	405	5950	1.04×10^{-3}	16300	0.09	0.8	+1.8 0	1006
LK8-C95-G	560	5000	2.27×10^{-3}	26860	0.1	0.8	+2.0 0	1531
LK8-C105-G	655	4550	3.79×10^{-3}	47630	0.11	0.8	+2.1 0	2106

- 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