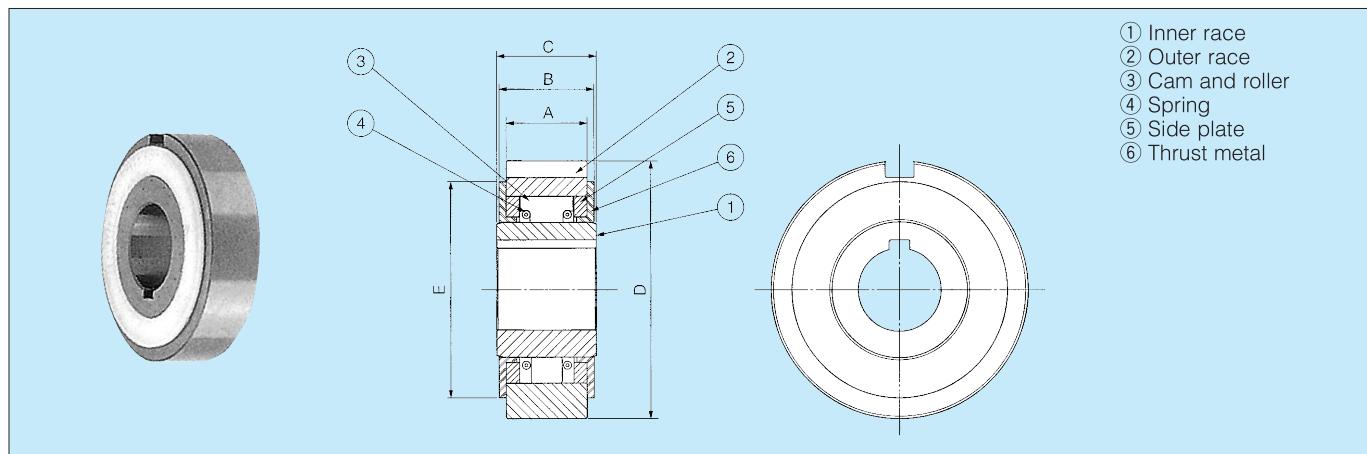


LD SERIES CAM CLUTCH

■ MODELS LD 04 TO LD 08

For Light Duty at Low Speed



Dimensions and Capacities

Model	Torque Capacity (N·m)	Drag Torque (N·m)	Max. Overrunning (r/min) Inner Race	Max. indexing (cycle/min)	Max. Radial Load When Overrunning (kgf)	Bore Size		A	B	C	D	E	Dimensions in mm	
						Dia. (H7)	Keyway						Outer Race Keyway	Weight (kg)
LD 04	5.88	0.20	300	100	20	10	4 x 1.5	19.5	23.9	24	47 ^{-0.014} -0.039	40	5 x 3	0.25
LD 05	9.8	0.29	300	100	30	14	5 x 2	19.5	23.9	24	52 ^{-0.017} -0.042	45	5 x 3	0.30
LD 06	19.6	0.29	200	100	50	20	5 x 2	19.5	23.9	24	62 ^{-0.017} -0.042	52	7 x 4	0.40
LD 07	29.4	0.39	200	100	70	25	7 x 3	19.5	23.9	24	72 ^{-0.017} -0.042	62	7 x 4	0.55
LD 08	49	0.49	200	100	80	30	7 x 3	19.5	23.9	24	80 ^{-0.017} -0.042	70	10 x 4.5	0.65

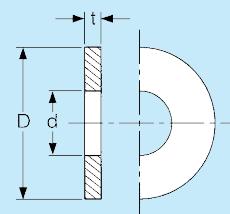
Note: Weaker Spring type "LD---WS" is available upon request.

Installation and Usage

1. LD Series Cam Clutch is prelubricated with special grease and are ready for use. No additional lubricant is required.
2. When installing the clutch on the shaft, press the clutch inner race slightly with a soft hammer to prevent the clutch outer race from slipping away from the inner race.
3. Be sure to attach the plate. This prevents the outer race from slipping away from the inner race. See recommended dimensions of the plate listed on the right.

4. For lubrication, coat the plate and thrust metal with grease.
5. Never apply thrust loads to the clutch. Other devices should be provided to take up thrust loads applied to the clutch.
6. Key should be in accordance with JIS B1301-1959.
7. The bores of the pulley, sprocket, etc., should have a tolerance of H6 or H7.
8. See "Information for Selection" on page 77.

Recommended Plate Dimensions



Dimensions in mm			
Model	t	d	D
LD 04	2	10	40
LD 05	2	14	45
LD 06	3	20	52
LD 07	3	25	62
LD 08	3	30	70

Typical installation

