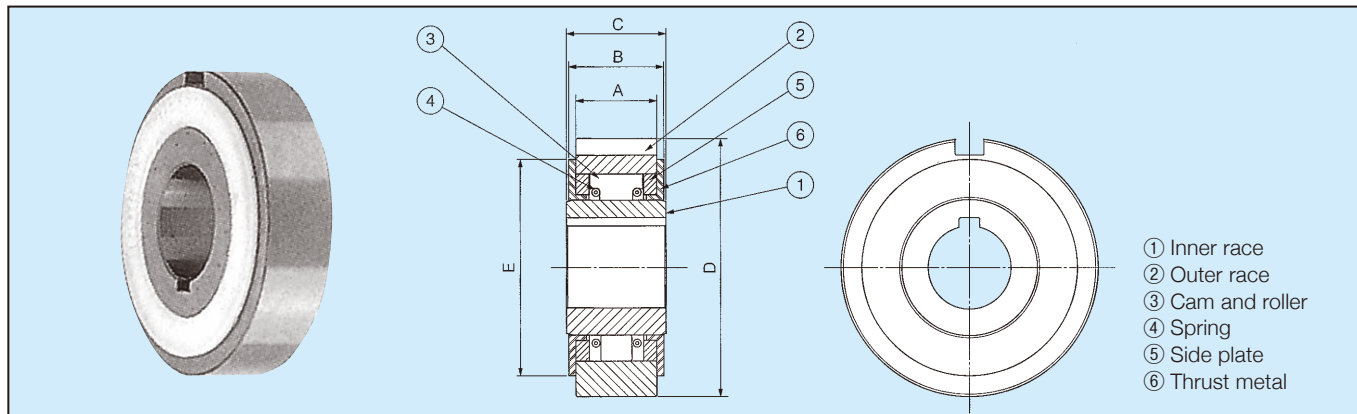


LD SERIES CAM CLUTCH

MODELS LD 04 TO LD 08

For Light Duty at Low Speed



Dimensions and Capacities

Dimensions in mm

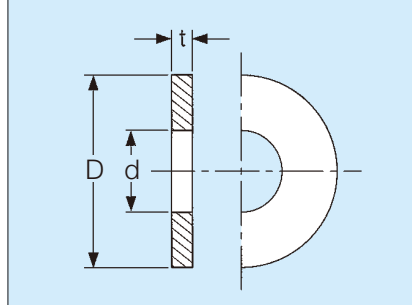
Model	Torque Capacity (N·m)	Drag Torque (N·m)	Max. Overrunning (r/min) Inner Race	Max. Indexing (cycle/min)	Max. Radial Load When Overrunning (kgf)	Bore Size		A	B	C	D	E	Outer Race Keyway	Weight (kg)
						Dia. (H7)	Keyway							
LD 04	5.88	0.20	300	100	20	10	4×1.5	19.5	23.9	24	47 ^{+0.014} _{-0.039}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

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

Installation and Usage

- LD Series Cam Clutch is prelubricated with special grease and are ready for use. No additional lubricant is required.
- 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.
- 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.
- For lubrication, coat the plate and thrust metal with grease.
- Never apply thrust loads to the clutch. Other devices should be provided to take up thrust loads applied to the clutch.
- Key should be in accordance with JIS B1301-1959.
- Align the key to slide through the keyway smoothly before installation.
- The bores of the pulley, sprocket, etc., should have a tolerance of H6 or H7.
- See "Information for Selection" on page 77.

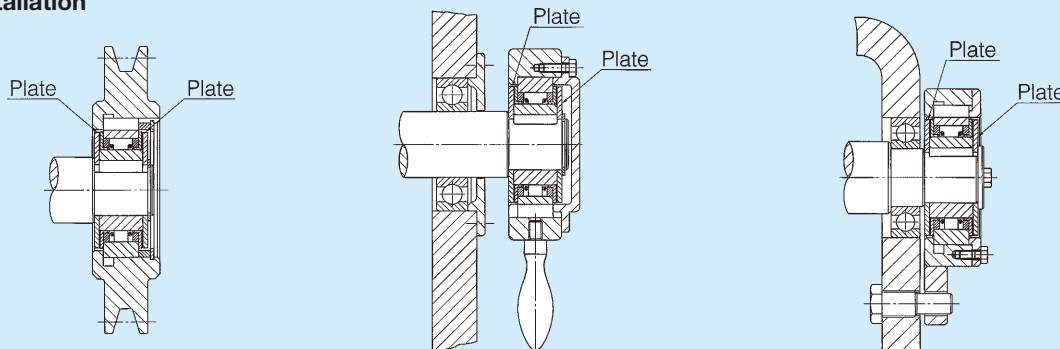
Recommended Plate Dimensions



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





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