



## Cam Clutch MZ series

### 凸轮离合器

#### Installation and Usage

1. MZ Series Cam Clutch is Shielded by shield bearings on both ends, packed with a special grease, and are ready for use. No additional lubricant is required.
2. For attaching pulleys, gears or sprockets to the clutches, insert hubs (with f7 tolerance of ISOR773) along the inner surface of the outer race and screw the bolts (high tension) into the tapped holes on the clutch end.
3. Recommended shaft tolerances are shown in the table on the lower left.
4. External thrust load should be supported by other devices, not by the Cam Clutch.
5. Use only a parallel key to secure the clutch to the shaft. Do not use a tapered Key.
6. When mounting the clutch onto the shaft, apply pressure to the inner race but never to the outer race.
7. Ambient temperature range is 5° to 40°C.
8. Key to be used should be in accordance with ISOR773. (DIN 6885.1)

Model Number	Capacity Torque (Nm)	Torque Drag (Nm)	Overrunning Inner Race (r/min)	Overrunning Outer Race (r/min)	indexing Max. (cycle/min)	Bore Size Dia (H7)	Diameter(mm)								H-M No. of Tapped x HolesSize x Pitch	S	Weight (kg)
							Keyway	A	B	C	PCDD	(M6)E	F	G			
MZ15	186	0.2	2,200	900	150	15	5*2.3	62	68	60	58	47	25	5.5	6*M5*P0.8	10	1.4
MZ17	215	0.2	2,000	800	150	17	5*2.3	66	75	64	64	52	28	6.3	6*M5*P0.8	10	1.8
MZ20	323	0.29	1,900	700	150	20	6*2.8	67	80	65	68	55	30	7.6	6*M6*P1.0	12	2
MZ30-22	735	0.39	1,800	500	150	22	6*2.8	82	100	80	88	75	45	8.9	6*M8*P1.25	16	3.7

MZ30-25	735	0.39	1,800	500	150	25	8*3.3	82	100	80	88	75	45	8.9	6*M8*P1.25	16	3.7
MZ30	735	0.39	1,800	500	150	30	10*3.3	82	100	80	88	75	45	8.9	6*M8*P1.25	16	3.7
MZ35	1,080	0.49	1,700	300	150	35	10*3.3	87	110	85	95	80	50	8.7	6*M8*P1.25	16	4.8
MZ45-40	1,620	0.69	1,700	300	150	40	12*3.3	92	125	90	110	95	60	8.4	8*M8*P1.25	16	6.2
MZ45	1,620	0.69	1,700	300	150	45	14*3.8	92	125	90	110	95	60	8.4	8*M8*P1.25	16	6.2
MZ60-50	2,110	0.98	1,600	250	150	50	14*3.8	102	155	100	140	125	80	9.1	8*M8*P1.25	16	10.2
MZ60-55	2,110	0.98	1,600	250	150	55	16*4.3	102	155	100	140	125	80	9.1	8*M8*P1.25	16	10.2
MZ60	2,110	0.98	1,600	250	150	60	18*4.4	102	155	100	140	125	80	9.1	8*M8*P1.25	16	10.2
MZ70-65	3,040	1.27	1,300	250	150	65	18*4.4	105	175	103	162	145	95	8.6	8*M8*P1.25	16	13.2
MZ70	3,040	1.27	1,300	250	150	70	20*4.9	105	175	103	162	145	95	8.6	8*M8*P1.25	16	13.2