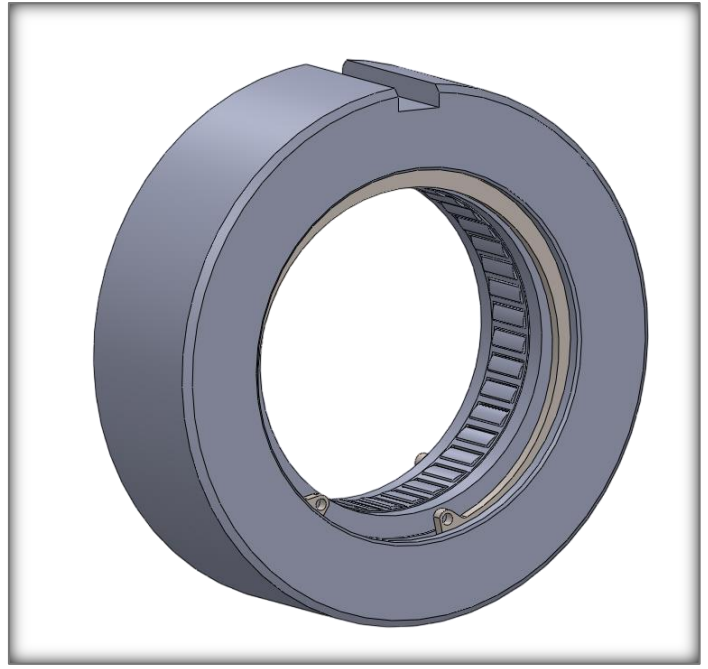
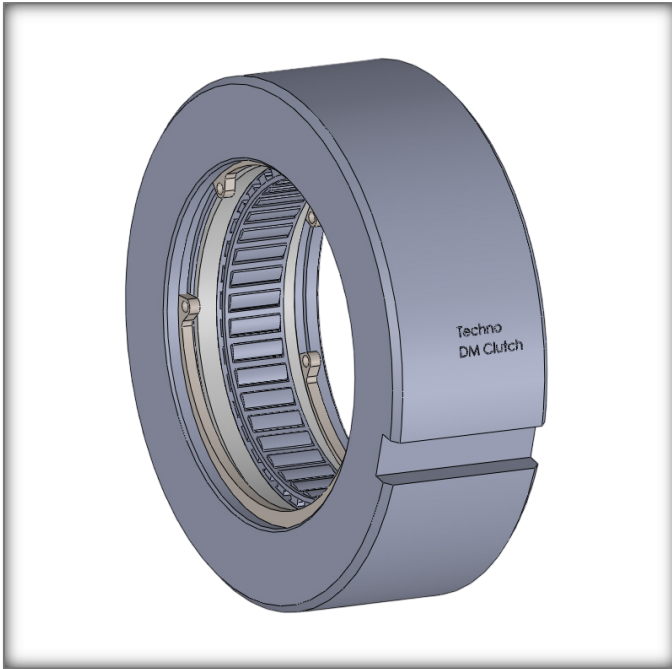
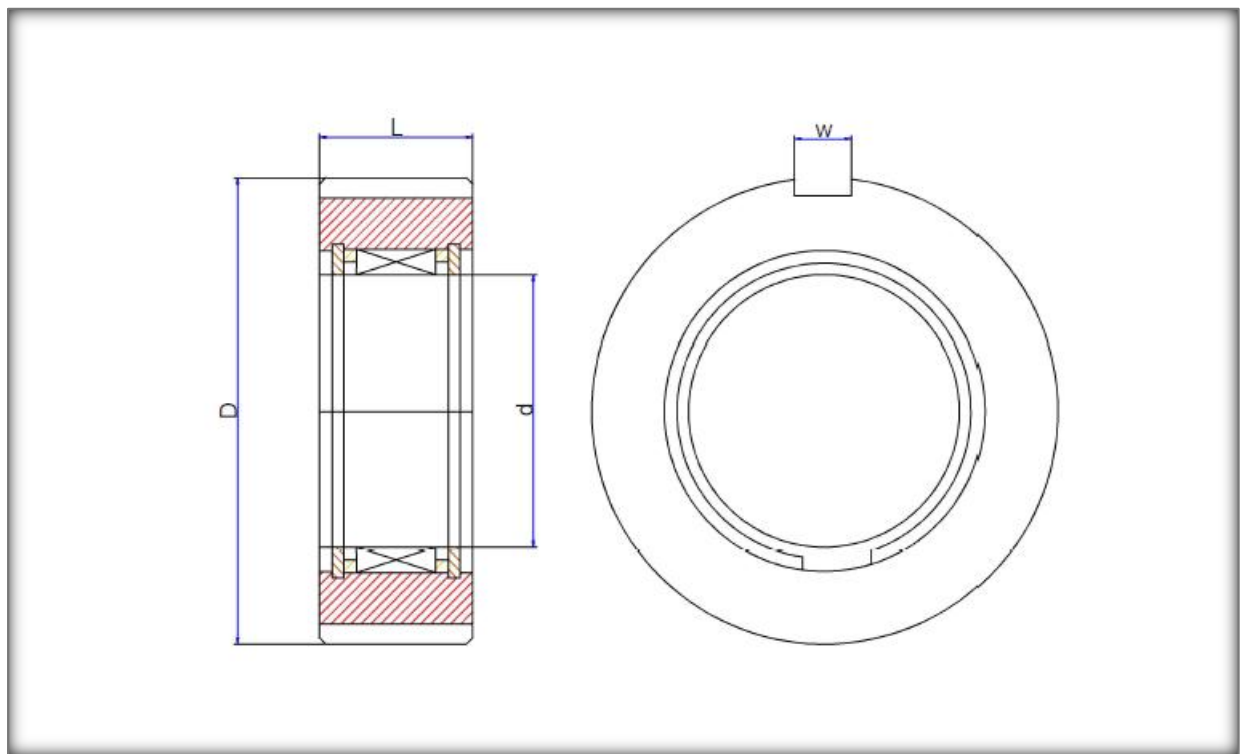


HOLDBACK DM SERIES



- Direct Mount (DM) type sprag clutches are specially designed for use as Backstops where for compactness of design.
- This type of clutch is suitable for use in Gear boxes and similar equipment where concentricity between shaft and housing is assured with the help of bearings and adequate lubrication is available.
- The shaft which acts as an inner race should be hardened to case depth of 1.2 mm after grinding. Surface hardness should be 62 – 64 HRC and core hardness should be 35 – 45 HRC. Surface finish of the shaft should not exceed 6.3 μm and taper not to exceed 0.007 mm per 25 mm length.
- Shaft and housing should be concentric within 0.02 mm. The clutch should be push fit (without pressing) in the housing bore. Shaft end should have 3 mm long chamfer at 15° angle to ensure easy mounting of the clutch.



Type	Nominal Torque T (Nm)	Shaft Speed n max (RPM)	D h7 (mm)	Shaft Dia. d h6 (mm)	L (mm)	Keyway W (mm)	F (mm)
DM-033	101	3,000	67.13	31.75	28.20	6.35 X 3.18	1.50
DM-002	190	2,800	73.02	34.92	32.20	9.52 X 4.44	1.50
DM-034	223	2,500	84.09	38.10	32.00	9.52 X 4.44	2.00
DM-003	320	2,000	88.90	44.45	40.10	9.52 X 4.44	2.00
DM-035	300	2,000	93.24	44.45	32.00	9.52 X 4.44	2.00
DM-004	452	2,000	101.60	50.80	48.10	12.70 X 6.35	2.00
DM-055	430	2,000	112.54	50.80	35.10	12.70 X 6.35	2.00
DM-005	562	1,750	111.15	57.15	48.10	12.70 X 6.35	2.00
DM-057	527	1,750	122.45	57.15	35.10	12.70 X 6.35	2.00
DM-036	594	1,750	111.15	63.50	44.70	12.70 X 6.35	2.00
DM-039	690	1,750	124.73	69.85	46.20	12.70 X 6.35	2.50
DM-040	780	1,500	132.10	76.20	46.20	12.70 X 6.35	2.50
DM-037	1,197	1,500	146.71	82.60	51.00	12.70 X 6.35	2.50
DM-042	1,616	1,500	166.67	88.90	51.00	15.87 X 7.90	2.50
DM-203	2,203	1,500	172.23	95.25	60.60	15.87 X 7.90	2.50
DM-038	2,440	1,500	181.89	101.60	60.60	15.87 X 7.90	2.50