

**ANDREWS**

Camshaft for TC-88



Andrews TC-88 Camshafts are available to fit stock type chain drive or S&S gear drive. Early style cams fit 1999-2006 FXST, FLT and 1999-2005 Dynaglide with silent chain drive. Late style cams fit 2007-16 FXST, FLT and 2006-up Dynaglide with roller chain drive. All cams listed are for use with stock hydraulic tappets and stock type splined gears or S&S gear drives.

VT No.	Drive Type	Grind	Timing*	Duration		Valve Lift	Lift @ TDC	Springs	Application
				.053	.020				
10-6309	Late Roller Chain	09H	02/28 40/04	206 216	242 252	.492 .486	.075 .075	Stock	Bolt-in cam more power through entire RPM range
10-8162**	Late Gear Drive	12	37/05 02/34	220 216	259 256	.474	.110 .088	Stock	Bolt-in cam with similar specs to stock 06 Dynaglide cams. Slight power increase. No retuning necessary.
10-8121 10-8130** 10-8163**	Early Chain Drive Early Gear Drive Late Gear Drive	21	10/30 40/08	220 228	255 264	.498 .498	.134 .121	Stock	Bolt-in cam with more torque. All around riding with stock comp. ratio and heavy bikes. 21 Cams work well with fuel injection or carburetors. (1700-4800 RPM)
10-8127 10-8131** 10-8139 10-8164**	Early Chain Drive Early Gear Drive Late Roller Chain Late Gear Drive	26	11/35 41/09	226 230	262 266	.490 .490	.138 .112	Stock	Bolt-in cam for low RPM torque; FLT, etc. For two up touring, this cam will add more torque and HP at lower and middle RPM range.(1800-5500 RPM) 26 Cams work well with fuel injection or carburetors
10-8141 10-8142** 10-8143 10-8189**	Early Chain Drive Early Gear Drive Late Roller Chain Late Gear Drive	31	10/46 52/08	236 240	272 276	.510 .510	.131 .120	Stock	Great cam for motors with 95+ inches and 10:1 compression ratio, lower TDC lift means easy installation similar to 37 but different timing. 2400-5800 RPM power range.
10-8191** 10-8192 10-8193**	Early Gear Drive Late Chain Drive Late Gear Drive	32	10/46 52/08	236 240	272 276	.510 .510	.131 .120	Hi Lift	Hi-Lift version of 31 much more power thru RPM range with 10:1+ compression ratio 2800-5800 RPM Power Range.
10-8137 10-8132**	Early Chain Drive Early Gear Drive	37	18/38 46/14	236 240	272 276	.510 .510	.174 .148	Stock	Twin 88's with this bolt-in cam grind have shown 80+ rear wheel HP. Smooth idle, broad torque band. Runs (2200-5600 RPM)
10-6348 10-8146	Late Roller Chain	48	13/29 43/15	222 238	257 273	.548 .548	.153 .163	Stock	Broad tip cams for Baggers with stock motors. Max torque at low and mid RPMs.
10-8147 10-8195**	Late Roller Chain Late Gear Drive	44	49/17	246	283	.495	.158	Stock	Engines with 88 inches 9.5 compression ratio or higher. Maximum torque and HP at middle and upper RPM.
10-8154 10-8210** 10-8211**	Early Chain Drive Early Gear Drive Late Gear Drive	54	16/42 43/15	238 238	273 273	.555 .555	.165 .158	Hi-Lift	Specifically designed for 96 and 103 engines with compression ratio up to 10:1 (2200-5600 RPM range).
10-8150 10-8134** 10-8148 10-8196**	Early Chain Drive Early Gear Drive Late Roller Chain Late Gear Drive	50	20/48 54/18	248 252	283 287	.510 .510	.184 .168	Stock	Cams for maximum torque and HP higher RPM ranges. For lighter bikes and engines with 9.5 compression ratio (or higher) and 88-95 inches (2600-6000+ RPM).
10-8155 10-8135** 10-8156 10-8197**	Early Chain Drive Early Gear Drive Late Roller Chain Late Gear Drive	55	22/46 52/20	248 252	283 292	.550 .550	.197 .181	Hi-Lift	Cams for maximum torque and HP at higher RPM ranges. For engines with 9.5 compression ratio or higher and 88-95 inches.
10-8151 10-8136** 10-8198**	Early Chain Drive Early Gear Drive Inter Gear Drive	60	24/56 58/22	260 260	296 296	.560 .560	.205 .205	Hi-Lift	For a well prepped engine with 95 inch cylinders and head work, 100+ HP is within reach. Tuning also includes exhaust changes (2400-6000+ RPM).
10-8149** 10-8199**	Early Gear Drive Late Gear Drive	67	24/48 58/22	252 260	287 297	.570 .570	.209 .187	Hi-Lift	Performance Cam for 95-107+ inches, 10:0 to 10:8 compression ratio with high flow head setup (2600-6400+RPM).
10-8152** 10-8200**	Early Gear Drive Late Gear Drive	59	29/57 63/27	266 270	303 307	.590 .590	.238 .218	Hi Lift	Great cam for 95-107" inches 10:2 compression ratio or higher max torque and HP (2700-6500 RPM).
10-8153** 10-8209**	Early Gear Drive Late Gear Drive	64	30/62 66/30	272 276	307 312	.640 .640	.262 .232	Hi-Lift	Big cams for modified 95-116+ inch motors running 10:2 compression ratio or higher. Heads must be set for .700 lift and modified for max air flow (3000-6500 +RPM).

*Note: Timing and duration listed for .053 cam lift. **Note: Requires S&S Gear Drive

Camshaft Kit for TC-88



Andrews TC-88 Cam Upgrade Kit for converting all 1999-06 Twin Cam Big Twins to the 2006-up roller chain drive with hydraulic chain tensioners. Instead of super powered spring adjusters the roller cam chain adjuster uses engine oil pressure to maintain proper chain tension and roller chain camshafts have larger journal bearing for extra support on the sprocket shaft ends. Kit includes cams only and requires separate purchase of 2007-up oil pump, support plate, chain tensioners sprockets and hardware. See camshaft components page for additional parts required to complete conversion. Note: For 1999, 2000 and 2001 engines a rear cam drive sprocket with an ignition trigger ring must be used.

VT No.	Grind	Timing*	CL	Duration		Valve Lift	Lift @ TDC	Springs	Application
				0.053	0.020				
10-6821	21N	10/30 40/08	100 106	220 228	255 264	0.498 0.498	0.135 0.121	Stock	Bolt-in cam: More torque for all around riding with heavy bikes, stock compression ratios and stock pistons. Similar to #23 cam for EV80 (1700-4800 RPM).
10-6826	26N	11/35 41/09	102 106	226 230	262 266	0.490 0.490	0.138 0.120	Stock	Bolt-in cam 88-95 inches and stock compression ratio. Great for two up touring, this cam will add torque and HP at lower and middle RPM ranges (1800-5200 RPM).
10-6831	31N	10/46 52/08	108 112	236 240	272 276	0.510 0.510	0.131 0.120	Stock	Great cam for motors with 95 inches and 9.8 to 10.2 compression ratio. Lower TDC lift for easy installation. Similar to TW37 with different timing. (2000-5600 RPM).
10-6837	37N	18/38 46/14	100 106	236 240	272 276	0.510 0.510	0.174 0.148	Stock	For engines with 88 or 95 inches and compression ratios from 9.5 to 10.2 compression ratio; Max torque range; (2300-5800 RPM).
10-6850	50N	20/48 54/18	104 108	248 252	283 287	0.510 0.510	0.184 0.168	Stock	Designed for easy installation in 95 inch motors with stock heads for 9.5 to 9.8 compression ratio. (2400 to 6000 RPM).
10-6855	55N	22/46 52/20	102 106	248 252	283 292	0.550 0.550	0.197 0.181	Hi-Lift	Great cam for 95 inch with 9.8 to 10.2 compression ratio. Max HP-torque at mid and upper RPMs (2600 to 6200).
10-6015	Sprocket with trigger rign for 1999-01 applications only								