








FORD RACING CAMSHAFTS

The Ford Racing Camshaft Specification chart describes individual cams currently available from Ford Racing. Refer to page 84 for performance characteristics and usage guidelines. See page 121 for valve springs.

SMALL BLOCK V8 HYDRAULIC ROLLER TAPPET CAMSHAFTS

PART NUMBER	ENGINE	ROCKER RATIO	INTAKE EVENTS (0.050")		EXHAUST EVENTS (0.050")		DURATION (SAE)		LIFT (INCHES)		LOBE CENTER		
			OPEN	CLOSE	OPEN	CLOSE	INT.	EXH.	LOBE	VALVE	INT.	EXH.	
M-6250-B303* ① ② ③ ⑥		1985 and Later 302 Roller Cam	1.60	5° BTC	39° ABC	49° BBC	5° BTC	284°	284°	.300 I	.480 I	107°	117°
								224°	224°	.300 E	.480 E		
M-6250-E303 ① ② ③ ⑥ ⑦		1985 and Later 302 Roller Cam	1.60	0° BTC	40° ABC	40° BBC	0° BTC	282°	282°	.311 I	.498 I	110°	110°
								220°	220°	.311 E	.498 E		
M-6250-F303* ① ② ③ ④ ⑥ ⑧		1985 and Later 302 Roller Cam	1.60	4° BTC	42° ABC	52° BBC	6° BTC	288°	288°	.320 I	.512 I	109°	119°
								226°	226°	.320 E	.512 E		
M-6250-X303* ① ② ③ ④ ⑥ ⑨		1985 and Later 302 Roller Cam	1.60	5° BTC	39° ABC	49° BBC	5° BTC	286°	286°	.339 I	.542 I	107°	117°
								224°	224°	.339 E	.542 E		
M-6250-Z303* ① ② ③ ④ ⑤ ⑥ ⑩		1985 and Later 302 Roller Cam	1.60	7° BTC	41° ABC	51° BBC	3° ATC	290°	290°	.345 I	.552 I	107°	117°
								228°	228°	.345 E	.552 E		

NOTE:

Camshaft intake and exhaust valve events are measured at 0.050" tappet lift. The duration figures in the shaded area are taken at 0.050" tappet lift. This is useful to check the cam with a degree wheel during installation. The solid color is advertised duration. For comparison purposes, add intake and exhaust lobe centers and divide by 2 to calculate "camshaft lobe separation" specification for Ford Racing camshafts.

NOTES:

- ① On EFI engines, performance camshafts work only with mass air induction systems. Will not work with Explorer EEC-V EFI.
- ② Also fits 1994-1997 351W with factory roller cam when used with mass air EFI.
- ③ Stock 5.0L HO cam advertised specs are 266°/266° duration, 0.444"/0.444" lift.
- ④ May require piston modification for piston-to-valve clearance. Valve clearance should be checked.
- ⑤ May require longer push rods.
- ⑥ Hi-Stall torque converter recommended for automatic trans.
- ⑦ Emissions legal with 5-speed manual trans. E.O. #D-225-16.
- ⑧ Great for superchargers. Manual transmission recommended.
- ⑨ Good torque and power up to 6200 rpm. Manual transmission recommended.
- ⑩ Good torque and power up to 6500 rpm. Manual transmission recommended.