

TOMEI Camshaft Spec Card

PART NAME **PONCAM / PROCAM** ENGINE **4G63 EVO 9 LASH**

PART NUMBER SET **143068** IN **1462270107** EX **1463270102**

GRIND	IN	270° / 10.70mm	-	BACE	IN	Φ 30.0	ROCKER ARM RATIO*	1.73	VALVE CLEARANCE	IN	-
	EX	270° / 10.20mm	-		CIRCLE(Φ)	EX				Φ 30.0	WHEN COLD

LIFT	IN	@CAM 6.17mm	@VALVE 10.70mm	LOBE	IN	130.0
	EX	@CAM 5.88mm	@VALVE 10.20mm		CENTER(°)	EX

* ALL LIFTS ARE BASED ON ZERO LASH AND THORETICAL ROCKER ARM RATIOS

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 5.0	ABDC 85.0	270.0
	EX	BBDC 70.0	ATDC 20.0	270.0

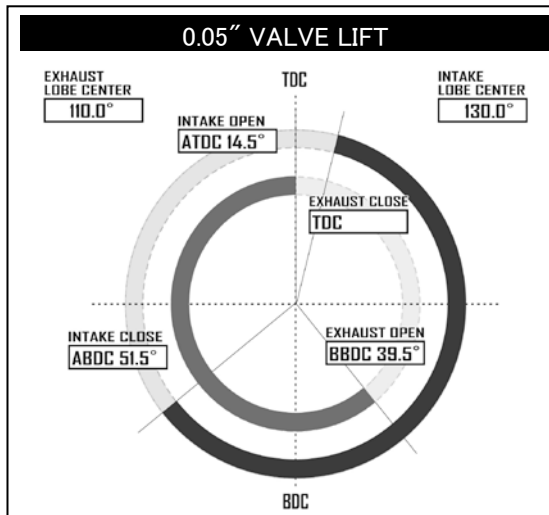
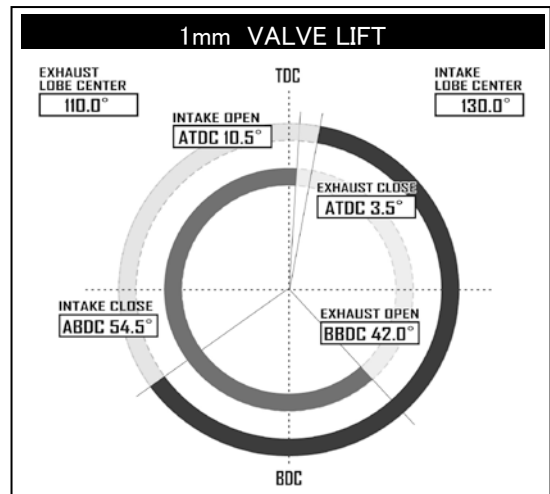
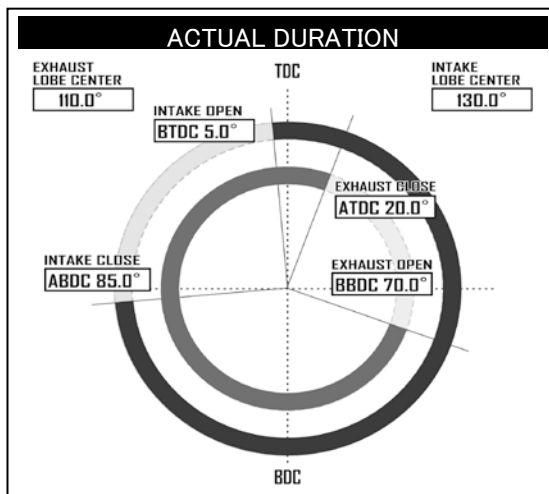
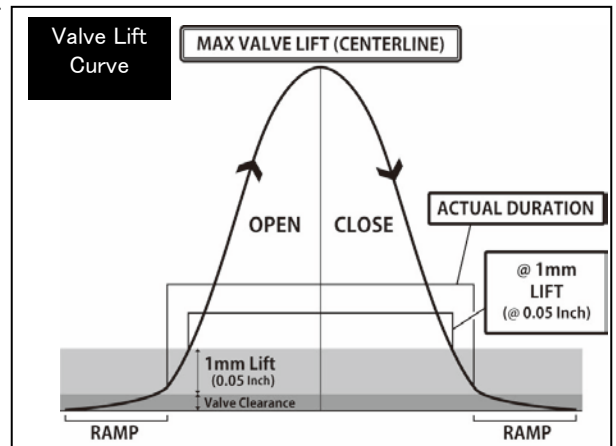
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm Valve Lift	IN	ATDC 10.5	ABDC 54.5	224.0
	EX	BBDC 42.0	ATDC 3.5	225.5

Values are of actual duration from start to end of 1mm value points. (Excluding ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 0.05" Valve Lift	IN	ATDC 14.5	ABDC 51.5	217.0
	EX	BBDC 39.5	TDC	219.5

Values are of actual duration from start to end of 0.05" value points. (Excluding ramp values)



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	STD or 50.8mm
SET LENGTH	STD or 39.6mm
LIFT LENGTH	STD or 28.1mm
COMPRESSED HEIGHT	STD or 27.1mm
SET LOAD	STD or 33.6kgf±5%
LIFT LOAD	STD or 81.7kgf±6%
TOMEI PART NUMBER	STD or 163034

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER