

TOMEI Camshaft Spec Card

PART NAME		PONCAM / PROCAM		ENGINE		4G63 EVO 4-8 LASH	
PART NUMBER		SET	4-6 : 143066 7-8 : 143067	IN	1453270107	EX	4-6 : 1454270102 7-8 : 1455270102
GRIND	IN	270° / 10.70mm	-	FACE CIRCLE(Φ)	IN	Φ30.0	ROCKER ARM RATIO*
	EX	270° / 10.20mm	-		EX	Φ30.0	
LIFT		@CAM 6.17mm	@VALVE 10.70mm	LOBE CENTER(°)	IN	105.0	VALVE CLEARANCE WHEN COLD
		EX @CAM 5.88mm	@VALVE 10.20mm		EX	115.0	

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 25.0	ABDC 65.0	270.0
Valve Lift	EX	BBDC 65.0	ATDC 25.0	270.0

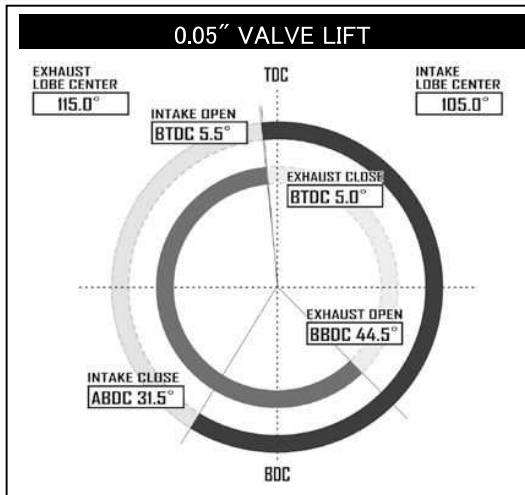
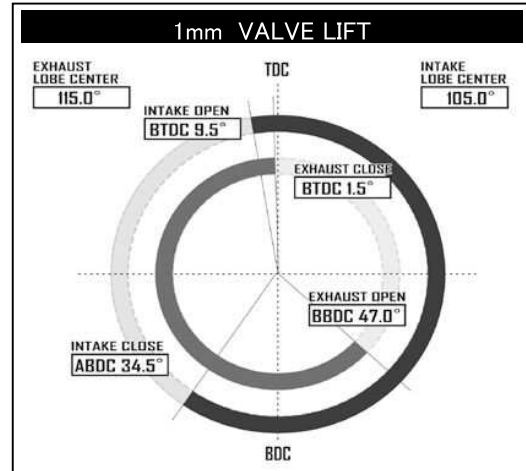
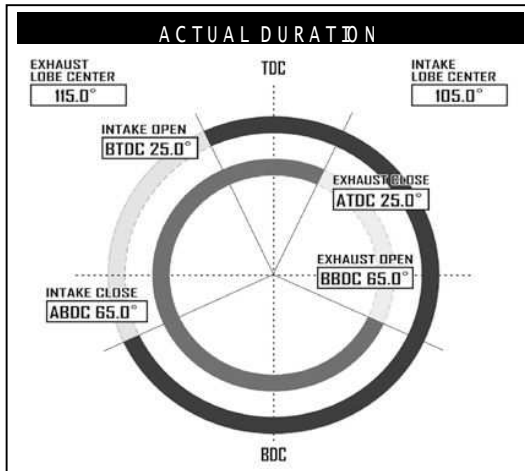
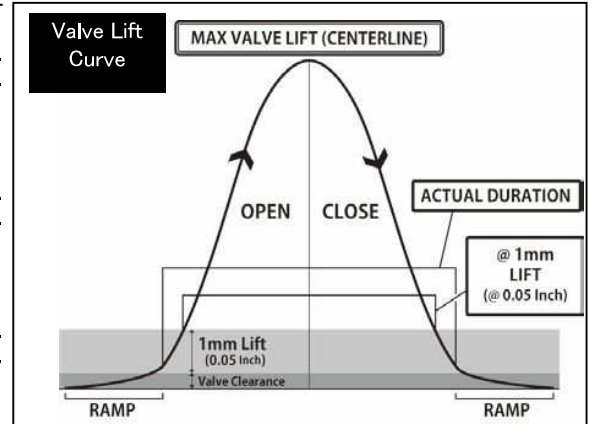
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	BTDC 9.5	ABDC 34.5	224.0
Valve Lift	EX	BBDC 47.0	BTDC 1.5	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"	IN	BTDC 5.5	ABDC 31.5	217.0
Valve Lift	EX	BBDC 44.5	BTDC 5.0	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