

TOMEI Camshaft Spec Card

PART NAME		PONCAM / PROGAM		ENGINE		4G63 EVO 1-8 LASH	
PART NUMBER		SET	1-3 : 143032 4-6 : 143033 7-8 : 143038	IN	1-3 : 1451260107 4-8 : 1453260107	EX	1-3 : 1452260102 4-6 : 1454260102 7-8 : 1455260102
GRIND	IN	260° / 10.70mm	-	BACE	IN	Φ30.0	ROCKER ARM RATIO*
	EX	260° / 10.20mm	-		EX	Φ30.0	
				VALVE CLEARANCE WHEN COLD		IN	-
						EX	-
LIFT	IN	@CAM 6.17mm	@VALVE 10.70mm	LOBE CENTER(°)	IN	110.0	
	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	55.0	260.0
	EX	BBDC	70.0	ATDC	10.0	260.0

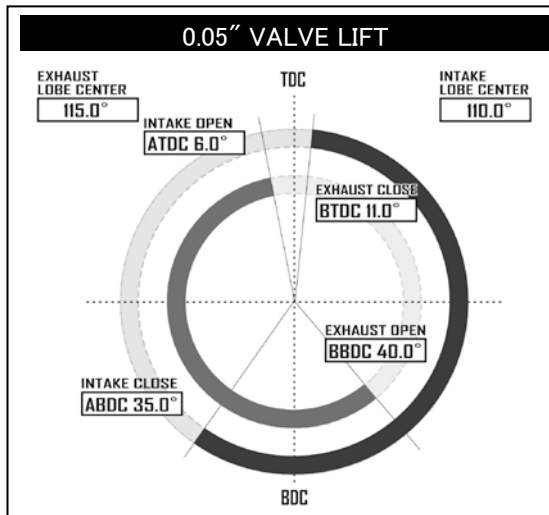
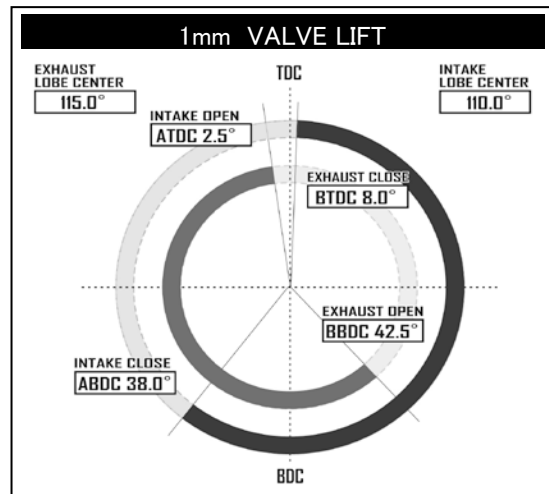
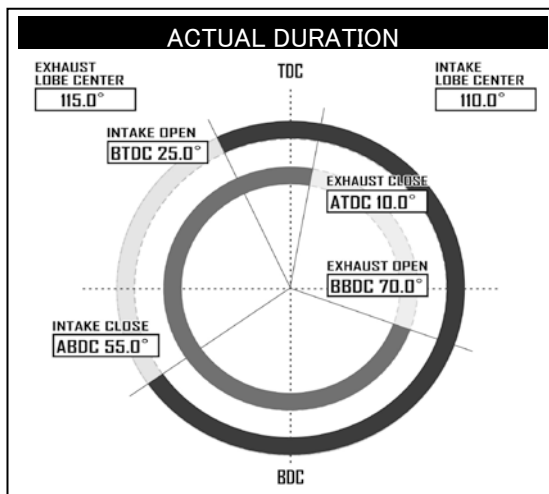
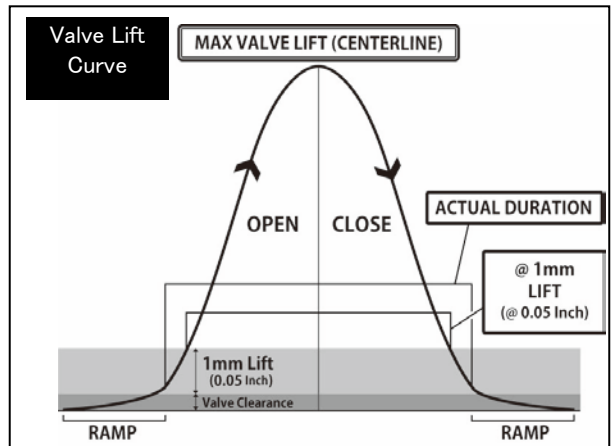
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING			OPENS(°)	CLOSES(°)	TOTAL DURATION(°)	
at 1mm Valve Lift	IN	ATDC	2.5	ABDC	38.0	215.5
	EX	BBDC	42.5	BTDC	8.0	214.5

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	6.0	ABDC	35.0	209.0
	EX	BBDC	40.0	BTDC	11.0	209.0

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