

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **4G63 EVO 4-8 SOLID**

PART NUMBER SET IN 1456290115 EX 4-6 :1457290115 7-8 : 1458290115

GRIND	IN	290° / 11.50mm	-	BACE	IN	Φ 30.0	ROCKER ARM RATIO*	-	VALVE CLEARANCE	IN	0.12
	EX	290° / 11.50mm	-		CIRCLE(Φ)	EX				Φ 30.0	WHEN COLD

LIFT	IN	@CAM 6.75mm	@VALVE 11.50mm	LOBE	IN	110.0
	EX	@CAM 6.75mm	@VALVE 11.50mm		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	30.0	ABDC	80.0	290.0
	EX	BBDC	85.0	ATDC	25.0	290.0

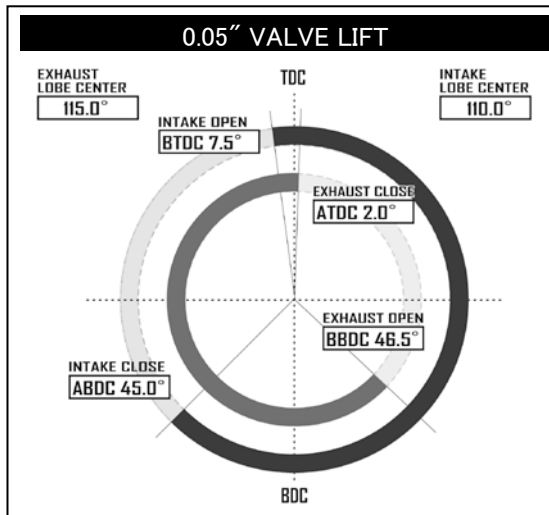
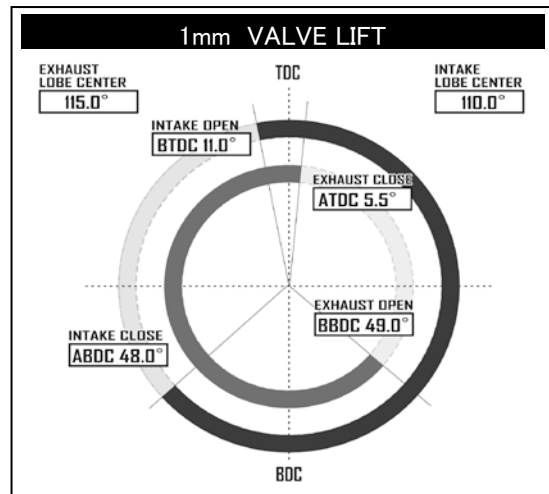
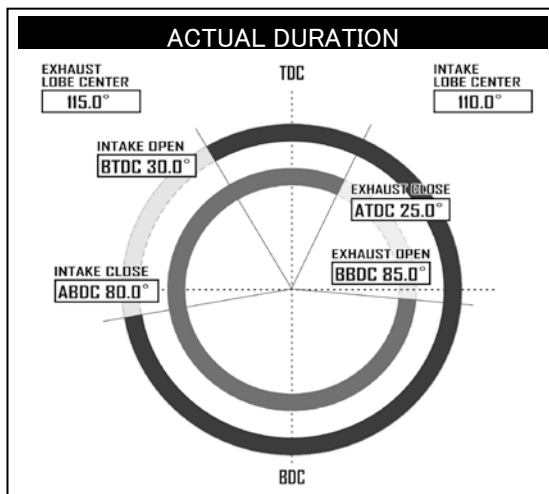
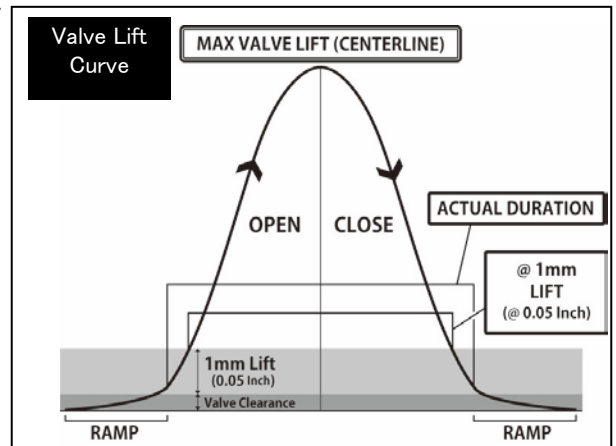
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING			OPENS(°)	CLOSES(°)	TOTAL DURATION(°)	
at 1mm	IN	BTDC	11.0	ABDC	48.0	239.0
	EX	BBDC	49.0	ATDC	5.5	234.5

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	7.5	ABDC	45.0	232.5
	EX	BBDC	46.5	ATDC	2.0	228.5

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



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

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER
SOLID PIVOT	163039