

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **4AG 16VALVE**

PART NUMBER **SET - IN/EX 1492304110**

GRIND	IN	304° / 11.00mm	SOLID	BACE	IN	Φ27.5	ROCKER ARM RATIO*	VALVE CLEARANCE	IN	0.23
	EX	304° / 11.00mm	SOLID	CIRCLE(Φ)	EX	Φ27.5	-	WHEN COLD	EX	0.25

LIFT	IN	@CAM 11.00mm	@VALVE 10.77mm	LOBE	IN	109.0	RECOMMENDED	IN	100.0
	EX	@CAM 11.00mm	@VALVE 10.75mm	CENTER(°)	EX	114.0	VALVE TIMING(°)	EX	100.0

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 43.0	ABDC 81.0	304.0
Valve Lift	EX	BBDC 86.0	ATDC 38.0	304.0

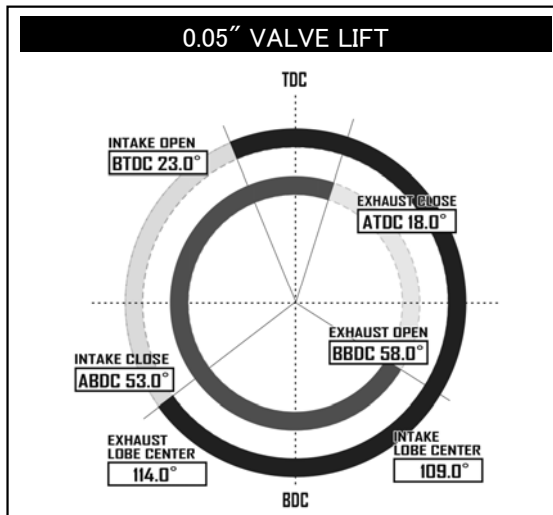
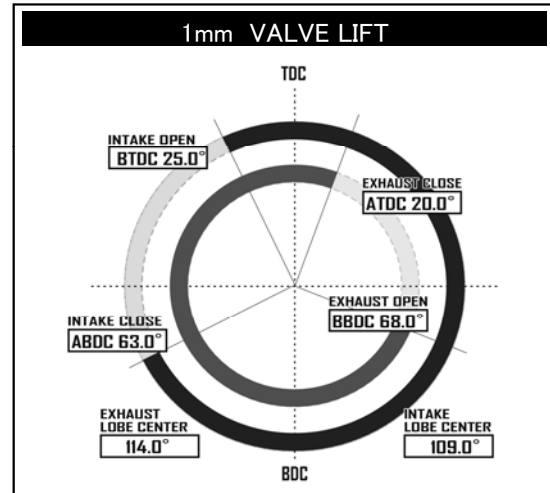
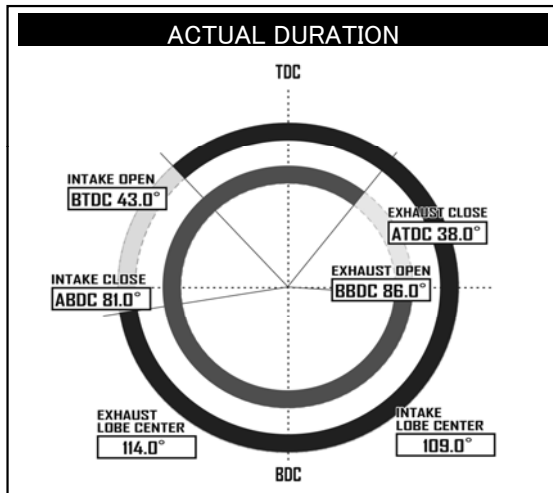
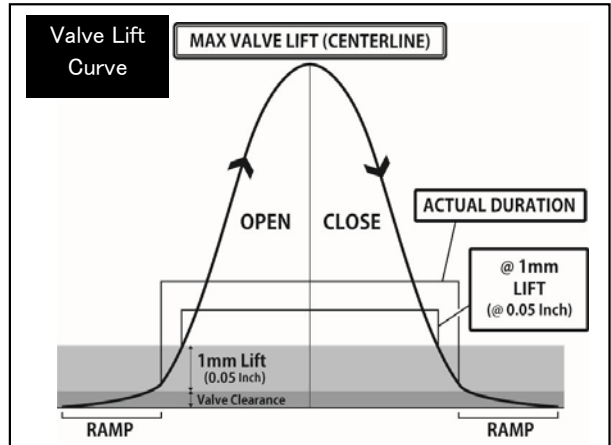
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	BTDC 25.0	ABDC 63.0	268.0
Valve Lift	EX	BBDC 68.0	ATDC 20.0	268.0

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 23.0	ABDC 53.0	256.0
Valve Lift	EX	BBDC 58.0	ATDC 18.0	256.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	
SET LENGTH	
LIFT LENGTH	
COMPRESSED HEIGHT	
SET LOAD	
LIFT LOAD	
TOMEI PART NUMBER	

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER