

TOMEI Camshaft Spec Card

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

PART NUMBER **SET - IN/EX 1492296105**

GRIND	IN	296° / 10.50mm	SOLID	BACE	IN	Φ27.5	ROCKER ARM RATIO*	VALVE CLEARANCE	IN	0.23
	EX	296° / 10.50mm	SOLID	CIRCLE(Φ)	EX	Φ27.5	-	WHEN COLD	EX	0.25

LIFT	IN	@CAM 10.50mm	@VALVE 10.27mm	LOBE	IN	109.0	RECOMMENDED	IN	100.0
	EX	@CAM 10.50mm	@VALVE 10.25mm	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 39.0	ABDC 77.0	296.0
Valve Lift	EX	BBDC 82.0	ATDC 34.0	296.0

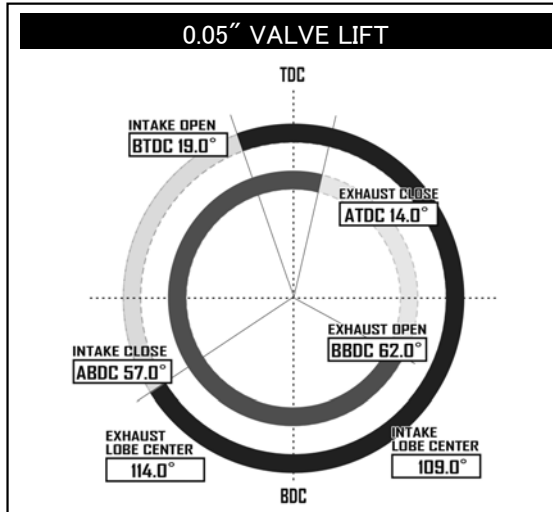
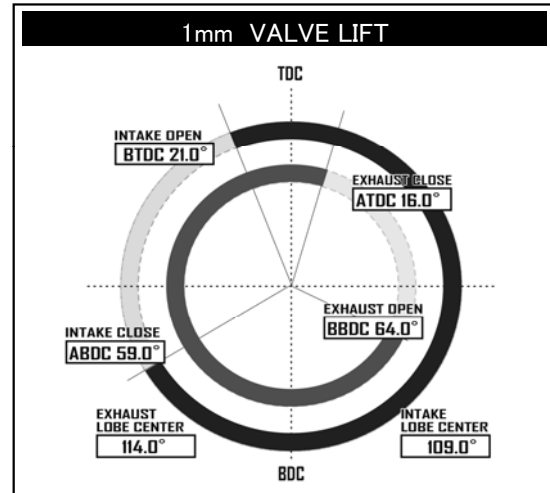
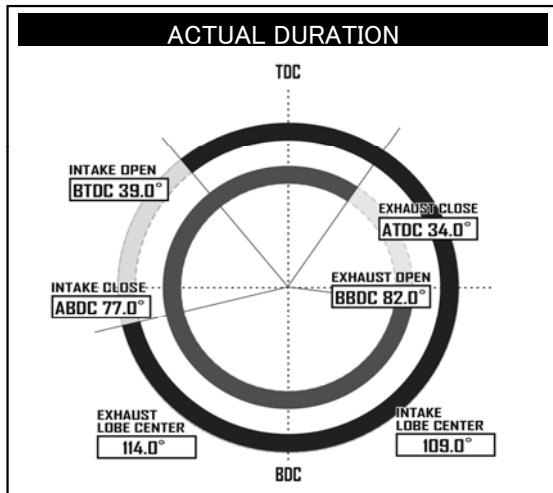
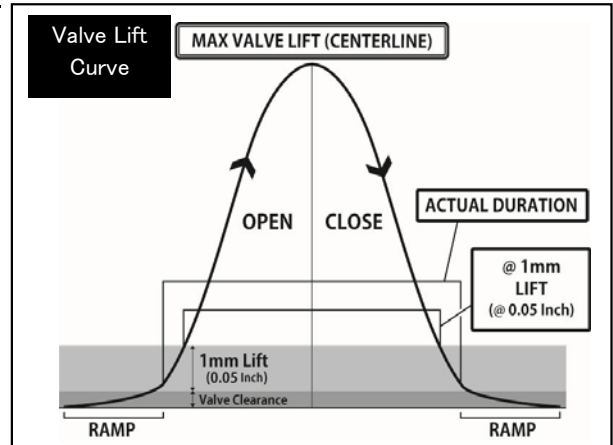
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	BTDC 21.0	ABDC 59.0	260.0
Valve Lift	EX	BBDC 64.0	ATDC 16.0	260.0

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 19.0	ABDC 57.0	256.0
Valve Lift	EX	BBDC 62.0	ATDC 14.0	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