

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **A12/14/15**

PART NUMBER **1481320077**

GRIND **320° / 7.75mm SOLID** BACE **Φ 26.8** ROCKER ARM RATIO* **1.5** VALVE CLEARANCE WHEN COLD **0.30**

LIFT **@CAM 7.75mm @VALVE 11.20mm** LOBE CENTER(°) **105.0**

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 55.0	ABDC 85.0	320.0
Valve Lift	EX	BBDC 85.0	ATDC 55.0	320.0

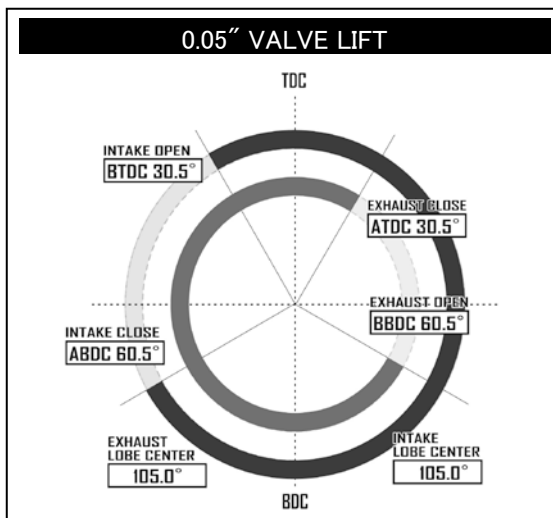
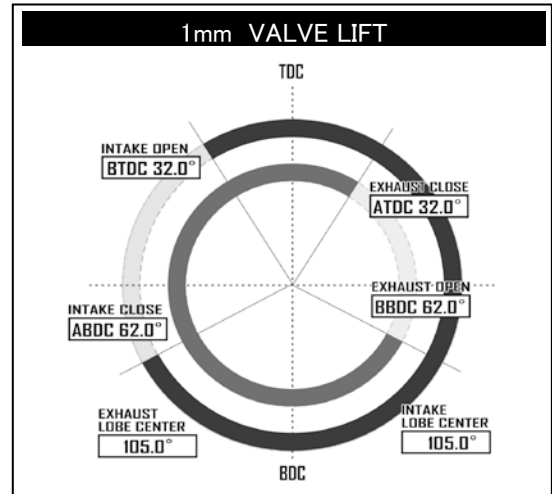
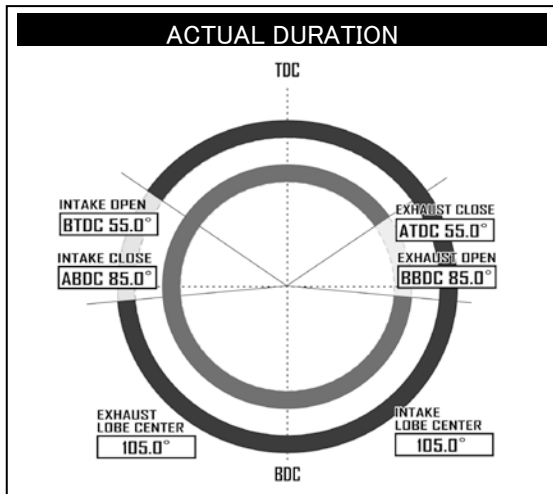
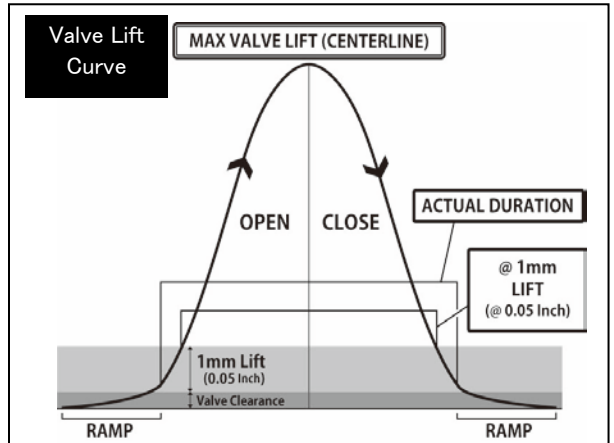
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	BTDC 32.0	ABDC 62.0	274.0
Valve Lift	EX	BBDC 62.0	ATDC 32.0	274.0

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 30.5	ABDC 60.5	271.0
Valve Lift	EX	BBDC 60.5	ATDC 30.5	271.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	40.0/48.0mm
SET LENGTH	35.5/40.0mm
LIFT LENGTH	24.0/27.5mm
COMPRESSED HEIGHT	22.5/26.5mm
SET LOAD	32.7kgf ± 7%
LIFT LOAD	109.6kgf ± 7%
TOMEI PART NUMBER	163050

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER