

# TOMEI Camshaft Spec Card

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

PART NUMBER **1481296065**

GRIND **296° / 6.50mm SOLID** BACE **Φ 28.9** ROCKER ARM RATIO\* **1.5** VALVE CLEARANCE WHEN COLD **0.30**

LIFT **@CAM 6.50mm @VALVE 9.40mm** LOBE CENTER(°) **103.5**

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 44.5	ABDC 71.5	296.0
Valve Lift	EX	BBDC 71.5	ATDC 44.5	296.0

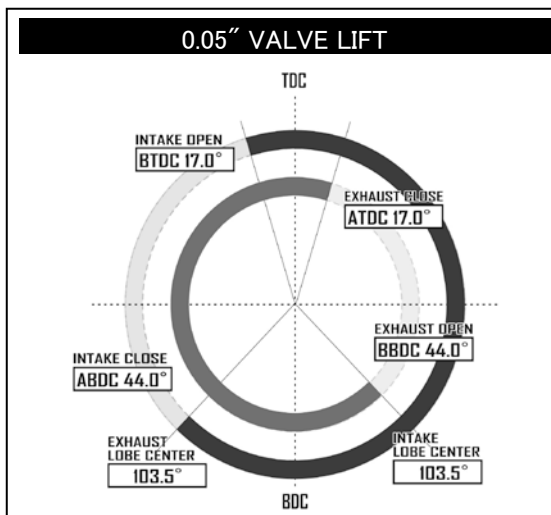
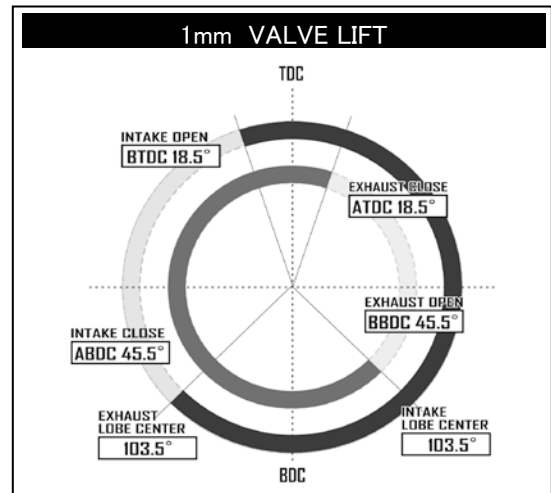
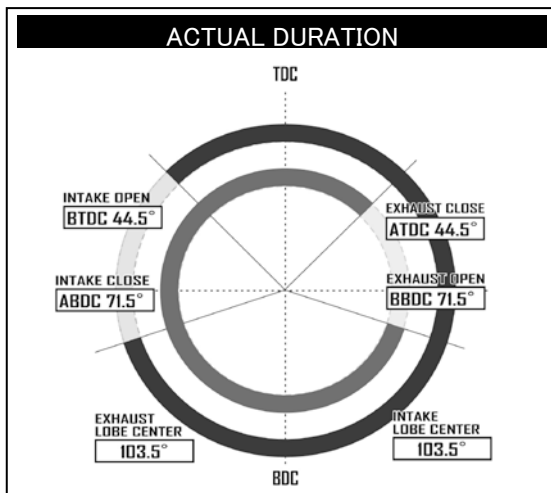
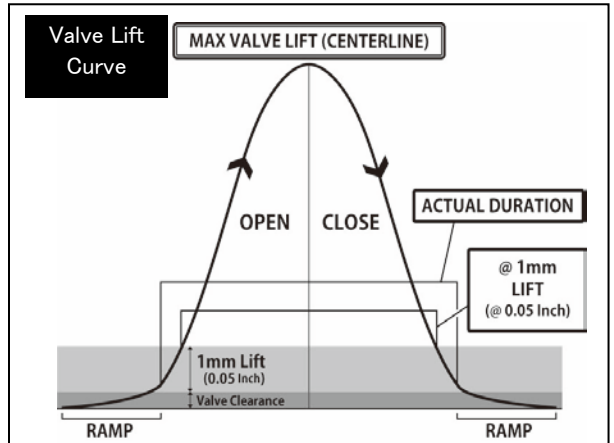
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	BTDC 18.5	ABDC 45.5	244.0
Valve Lift	EX	BBDC 45.5	ATDC 18.5	244.0

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 17.0	ABDC 44.0	241.0
Valve Lift	EX	BBDC 44.0	ATDC 17.0	241.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	45.9/48.1mm
SET LENGTH	34.7/38.0mm
LIFT LENGTH	23.7/27.0mm
COMPRESSED HEIGHT	21.2/25.2mm
SET LOAD	35.5kgf
LIFT LOAD	92.9kgf
TOMEI PART NUMBER	163038

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER