

# TOMEI Camshaft Spec Card

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

PART NUMBER **1481288065**

GRIND **288° /6.50mm SOLID** BASE CIRCLE **28.9** ROCKER ARM RATIO※ **1.5** VALEVE 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 ROKER ARM RATIOS

CAM TIMING		OPENS(°)		CLOSES(°)		A CTUAL DURATION @OPENING(°)
A CTUAL DURATION	IN	BTDC	40.5	ABDC	67.5	
VALVE LIFT	EX	BBDC	67.5	ATDC	40.5	288.0

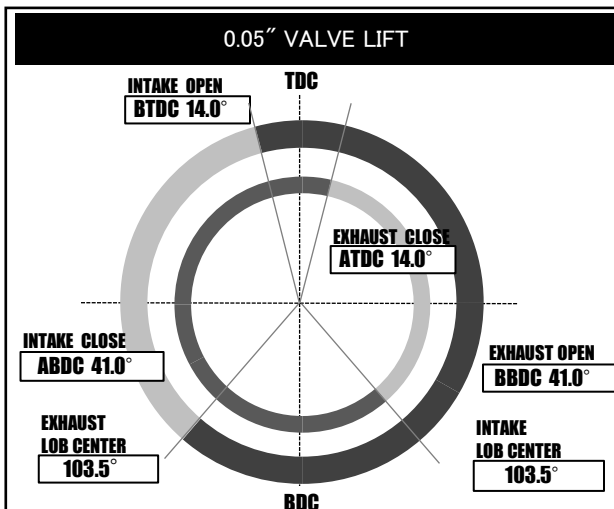
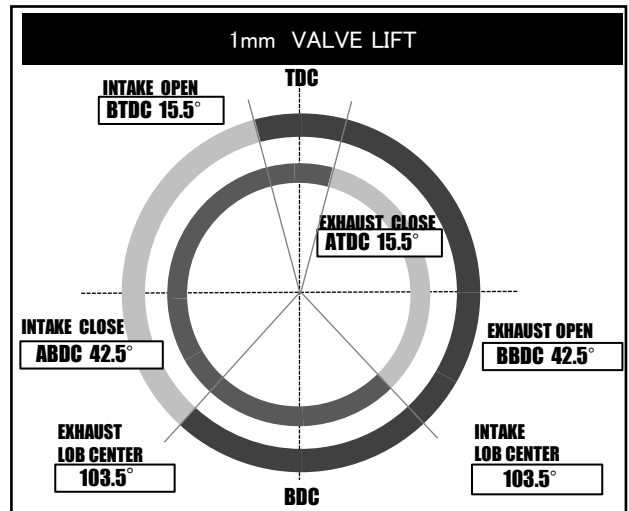
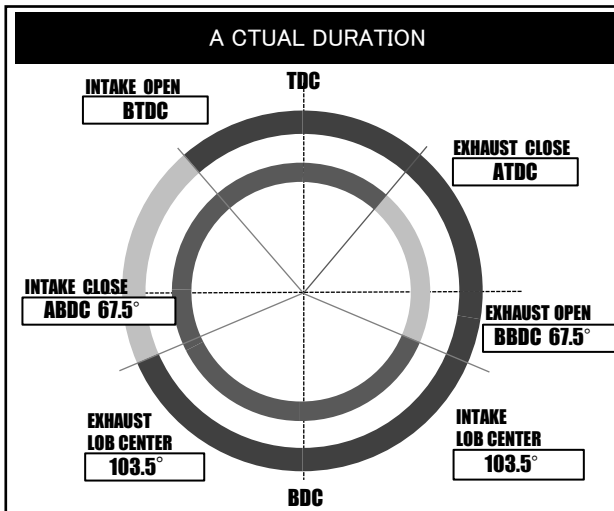
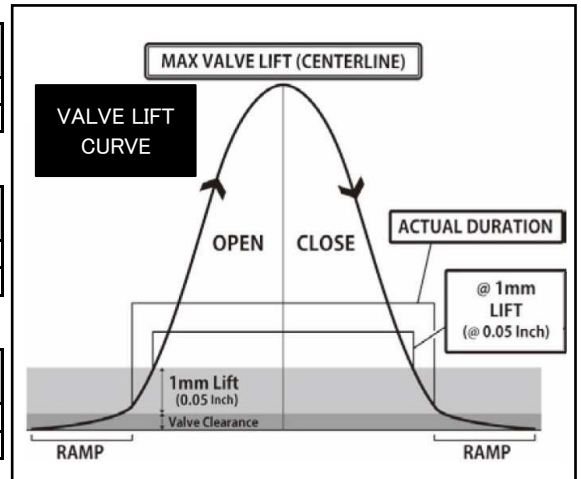
\*Values shown are,from start to the end of actual duration.(Excluding rht ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	BTDC	15.5	ABDC	42.5	
VALVE LIFT	EX	BBDC	42.5	BTDC	15.5	238.0

\*Values are of actual duration from start to end of 1mm value points.(Ezcluding ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 0.05"	IN	BTDC	14.0	ABDC	41.0	
VALVE LIFT	EX	BBDC	41.0	ATDC	14.0	235.0

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



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

REQUIRED PARTS	
PRODUCT NAME	TOMEI P/N