

# TOMEI Camshaft Spec Card

PART NAME **PONCAM / PROCAM** ENGINE **VQ35DE LATE model (-07.01)**

PART NUMBER **SET 143064 IN 142031 EX 142032**

GRIND **IN 264° / 10.80mm - BACE IN Φ35.4 ROCKER ARM RATIO\* - VALVE CLEARANCE IN 0.30**  
**EX 264° / 10.80mm - CIRCLE(Φ) EX Φ35.4 WHEN COLD EX 0.33**

LIFT **IN @CAM 10.80mm @VALVE 10.50mm LOBE IN 125.0**  
**EX @CAM 10.80mm @VALVE 10.47mm CENTER(°) EX 126.0**

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 7.0	ABDC 77.0	264.0
Valve Lift	EX	BBDC 78.0	ATDC 6.0	264.0

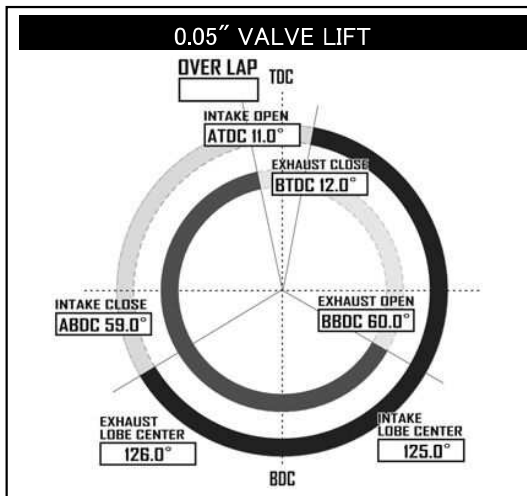
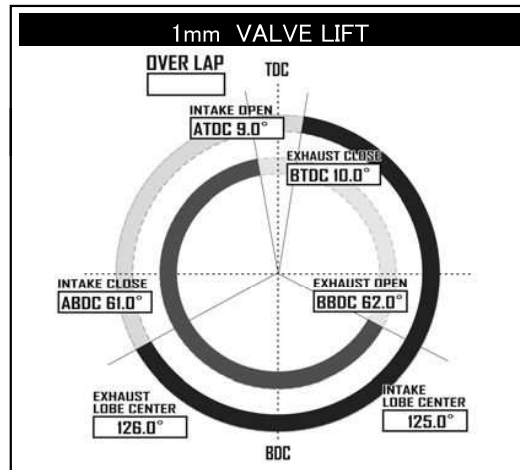
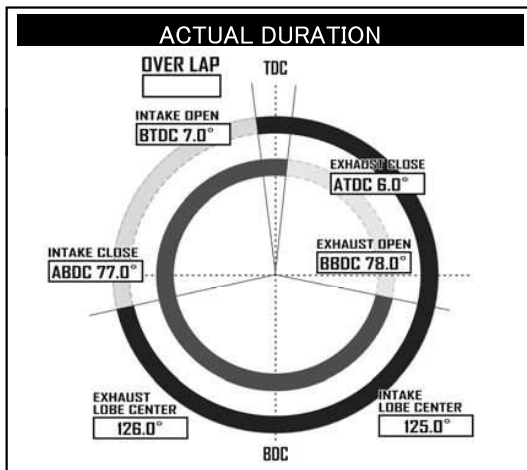
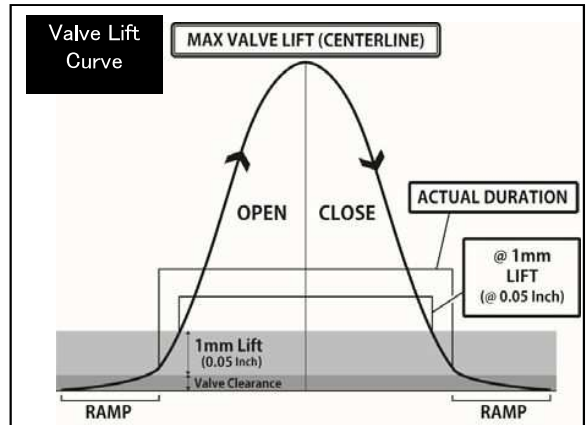
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	ATDC 9.0	ABDC 61.0	232.0
Valve Lift	EX	BBDC 62.0	BTDC 10.0	232.0

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	ATDC 11.0	ABDC 59.0	228.0
Valve Lift	EX	BBDC 60.0	BTDC 12.0	228.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	STD or 49.1
SET LENGTH	STD or 37.0
LIFT LENGTH	STD or 26.0
COMPRESSED HEIGHT	STD or 25.0
SET LOAD	STD or 24.0 ±6%
LIFT LOAD	STD or 56.8 ±6%
TOMEI PART NUMBER	163037

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER

**TOMEI**  
The Engine Specialist