

# TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **VQ35DE EARLY model (-05.09)**

PART NUMBER **SET - IN 142017 EX 142018**

GRIND **IN 264° / 10.50mm - BACE IN Φ35.4 ROCKER ARM RATIO\* - VALVE CLEARANCE IN 0.30**  
**EX 264° / 10.50mm - CIRCLE(Φ) EX Φ35.4 WHEN COLD EX 0.33**

LIFT **IN @CAM 10.50mm @VALVE 10.20mm LOBE IN 125.0**  
**EX @CAM 10.50mm @VALVE 10.17mm CENTER(°) EX 112.0**

\* 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 64.0	ATDC 20.0	264.0

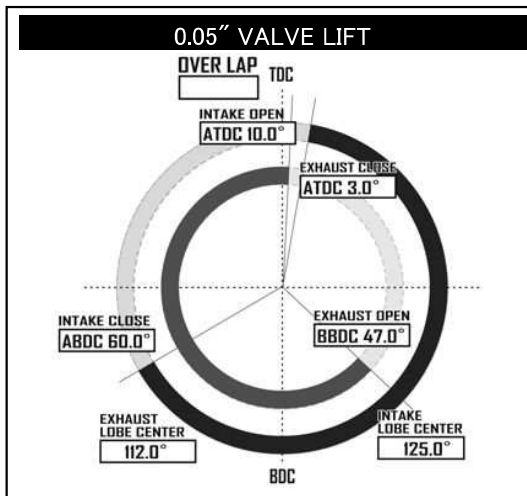
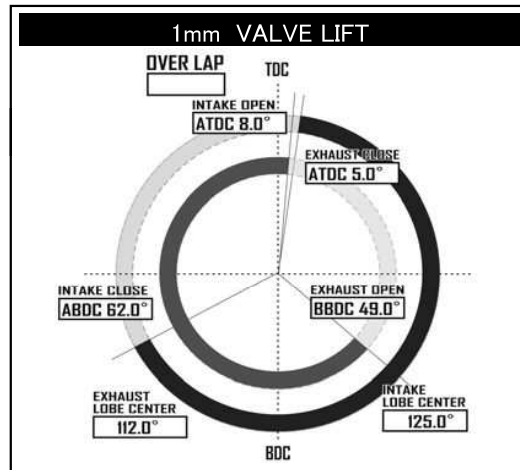
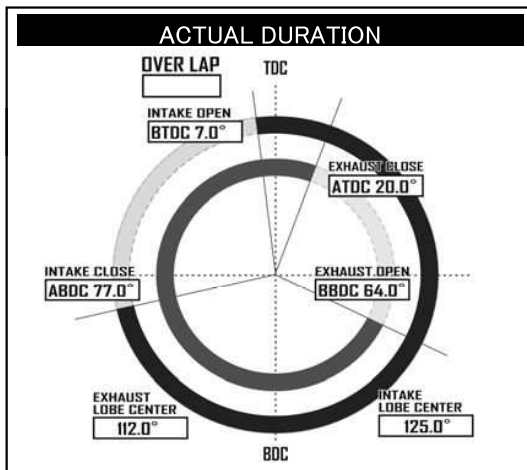
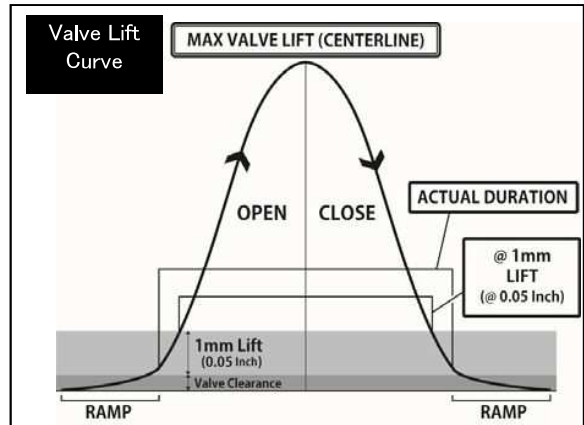
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	ATDC 8.0	ABDC 62.0	234.0
Valve Lift	EX	BBDC 49.0	ATDC 5.0	234.0

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 10.0	ABDC 60.0	230.0
Valve Lift	EX	BBDC 47.0	ATDC 3.0	230.0

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



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

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER