

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **VQ35HR**

PART NUMBER SET **-** IN **142045** EX **142046**

GRIND	IN	280° / 11.30mm	-	BACE	IN	Φ 35.4	ROCKER ARM RATIO*	-	VALVE CLEARANCE IN	0.30
	EX	280° / 11.00mm	-		CIRCLE(Φ)	EX				Φ 35.4

LIFT	IN	@CAM 11.30mm	@VALVE 11.00mm	LOBE	IN	122.0
	EX	@CAM 11.00mm	@VALVE 10.67mm		CENTER(°)	EX

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

CAM TIMING		OPENS(°)		CLOSES(°)		Actual Duration @ Opening(°)
Actual Duration	IN	BTDC	18.0	ABDC	82.0	280.0
Valve Lift	EX	BBDC	84.0	ATDC	16.0	280.0

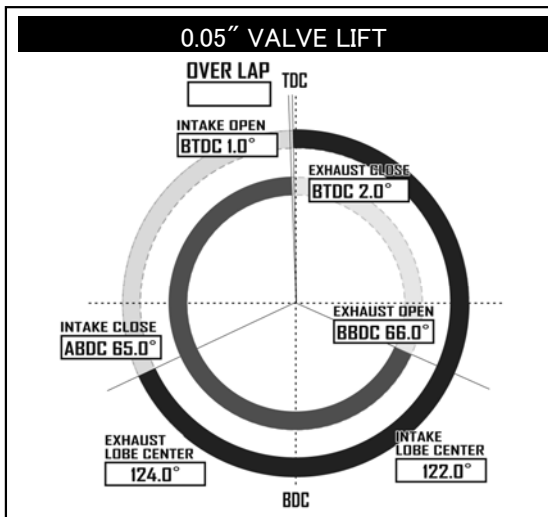
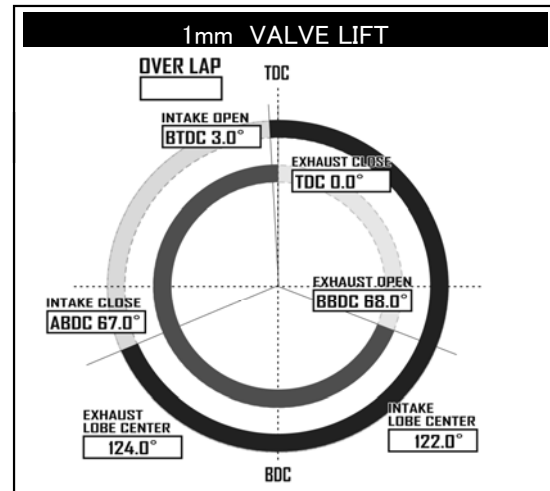
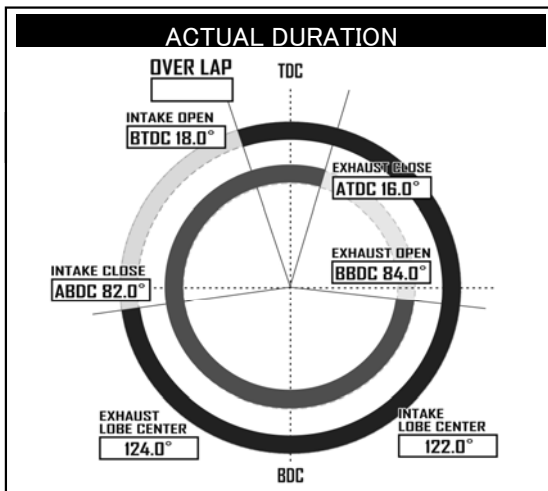
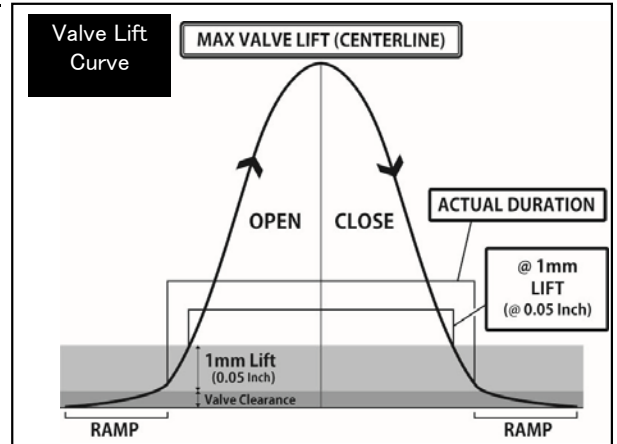
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	BTDC	3.0	ABDC	67.0	250.0
Valve Lift	EX	BBDC	68.0	TDC		248.0

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	1.0	ABDC	65.0	246.0
Valve Lift	EX	BBDC	66.0	BTDC	2.0	244.0

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