

TOMEI Camshaft Spec Card

PART NAME **PONCAM / PROCAM** ENGINE **VQ35HR**

PART NUMBER SET **143065** IN **142039** EX **142040**

GRIND	IN	264° / 10.80mm	-	BACE	IN	Φ 35.4	ROCKER ARM RATIO*	-	VALVE CLEARANCE	IN	0.30
	EX	264° / 10.80mm	-		CIRCLE(Φ)	EX				Φ 35.4	WHEN COLD

LIFT	IN	@CAM 10.80mm	@VALVE 10.50mm	LOBE	IN	122.0
	EX	@CAM 10.80mm	@VALVE 10.47mm		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	10.0	ABDC	74.0	264.0
Valve Lift	EX	BBDC	76.0	ATDC	8.0	264.0

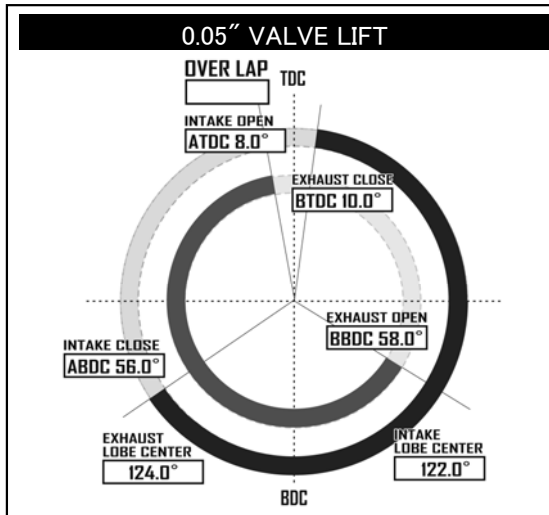
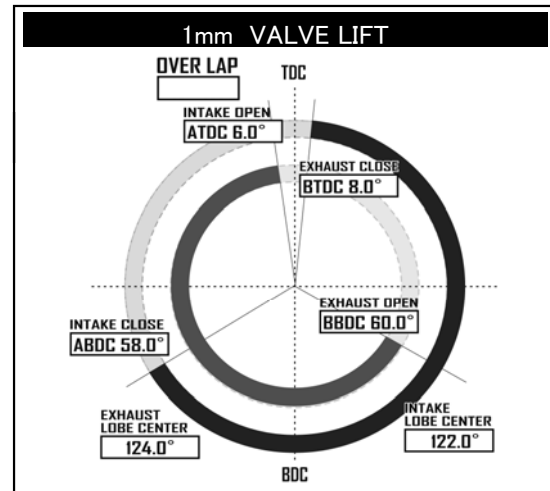
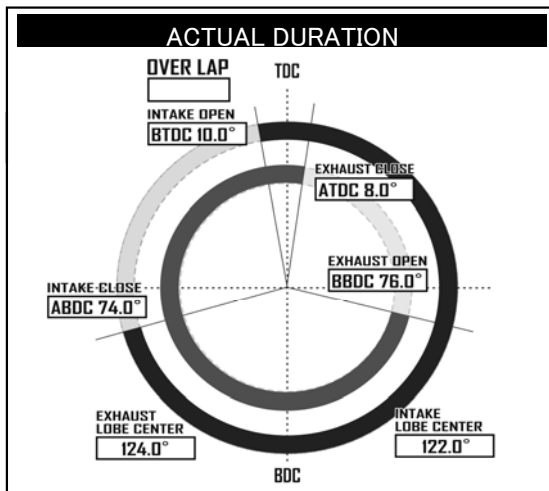
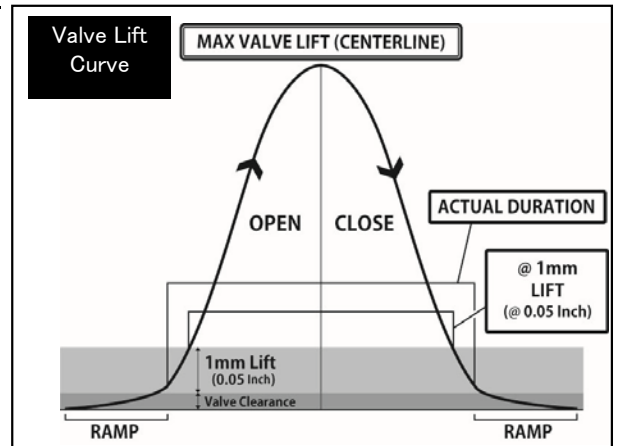
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	ATDC	6.0	ABDC	58.0	232.0
Valve Lift	EX	BBDC	60.0	BTDC	8.0	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	8.0	ABDC	56.0	228.0
Valve Lift	EX	BBDC	58.0	BTDC	10.0	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	STD or 163037

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER