

# TOMEI Camshaft Spec Card

PART NAME **PONCAM / PROCAM** ENGINE **RB25DE(T) R33 Late Model**

PART NUMBER SET 143050 IN ※ 1415256085 EX 1419256085

※ R33 Early / Late model compatible

GRIND	IN	256° / 8.50mm	LASH	BACE	IN	Φ32.0	ROCKER ARM RATIO*	VALVE CLEARANCE	IN	-
	EX	256° / 8.50mm	LASH		EX	Φ32.0			-	WHEN COLD

LIFT	IN	@CAM 8.50mm	@VALVE 8.50mm	LOBE	IN	120.0
	EX	@CAM 8.50mm	@VALVE 8.50mm		CENTER(°)	EX

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration Valve Lift	IN	BTDC 8.0	ABDC 68.0	256.0
	EX	BBDC 63.0	ATDC 13.0	256.0

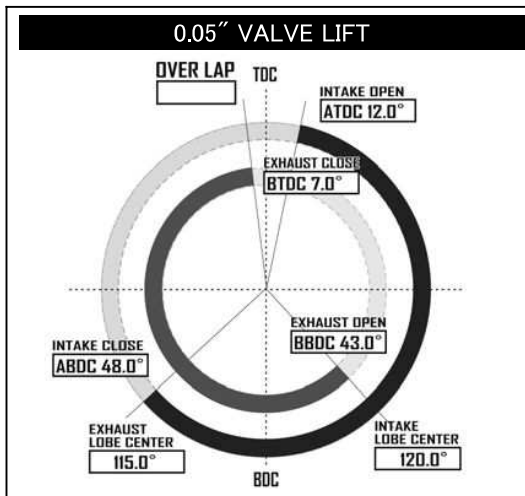
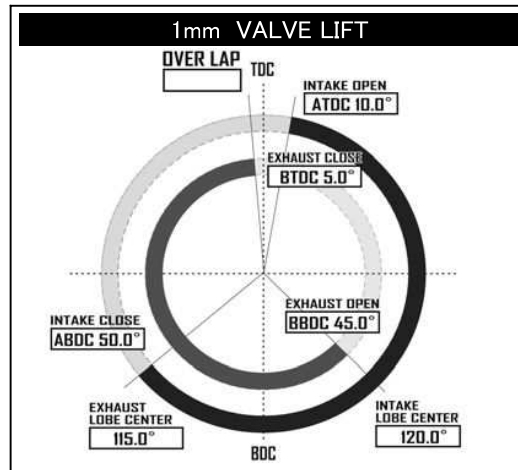
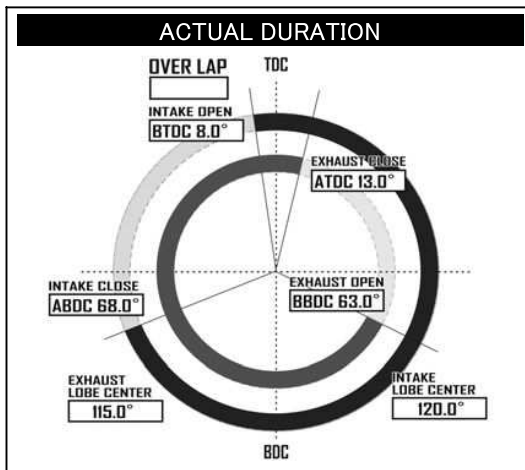
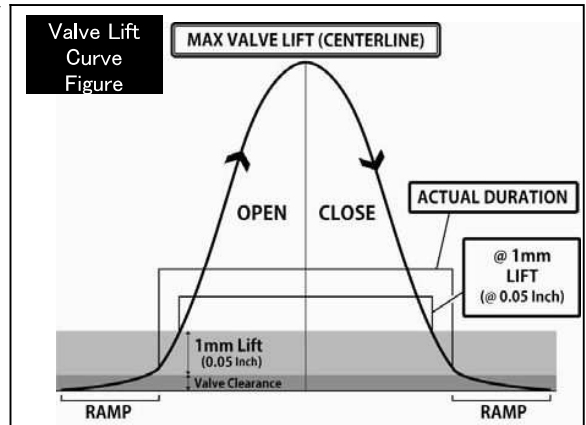
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm Valve Lift	IN	ATDC 10.0	ABDC 50.0	220.0
	EX	BBDC 45.0	BTDC 5.0	220.0

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" Valve Lift	IN	ATDC 12.0	ABDC 48.0	216.0
	EX	BBDC 43.0	BTDC 7.0	216.0

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



## REQUIRED VALVE SPRING SPEC

NOMAL HEIGHT (mm)	STD or	IN 36.2	EX 44.5
SET LENGTH (mm)		30.6	34.4
LIFT LENGTH (mm)		21.6	25.6
COMPRESSED HEIGHT(mm)		19.0	22.8
SET LOAD (kgf)		23.9	38.5
LIFT LOAD (kgf)		62.4±5%	72.0±5%
TOMEI PART NUMBER		13203R855	

## REQUIRED PARTS

PRODUCT NAME	TOMEI PART NUMBER

**TOMEI**  
The Engine Specialist