

# TOMEI Camshaft Spec Card

PART NAME **PONCAM / PROCAM** ENGINE **RB20DE(T)**

PART NUMBER SET 143019 IN 1411256085 EX 1412256085

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

LIFT	IN	@CAM 8.50mm	@VALVE 8.50mm	LOBE	IN	115.0
	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	IN	BTDC 13.0	ABDC 63.0	256.0
Valve Lift	EX	BBDC 63.0	ATDC 13.0	256.0

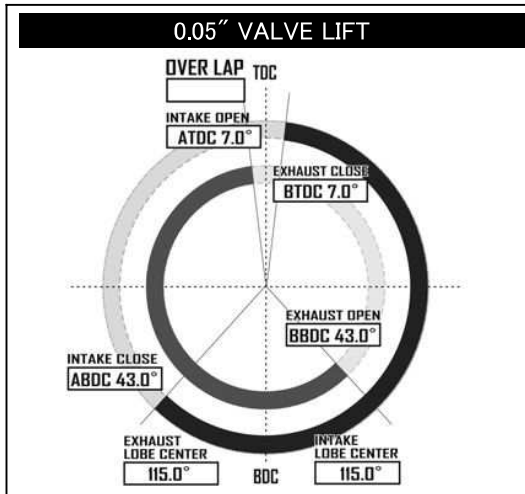
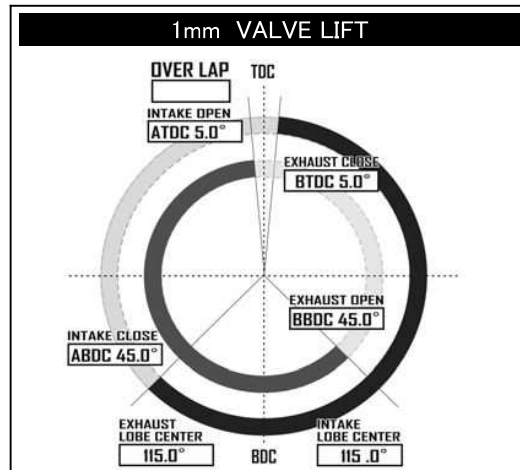
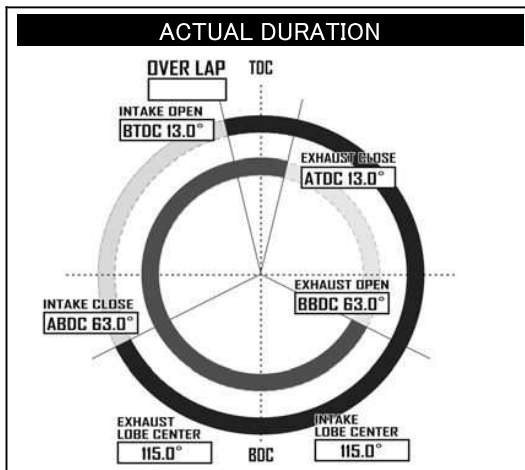
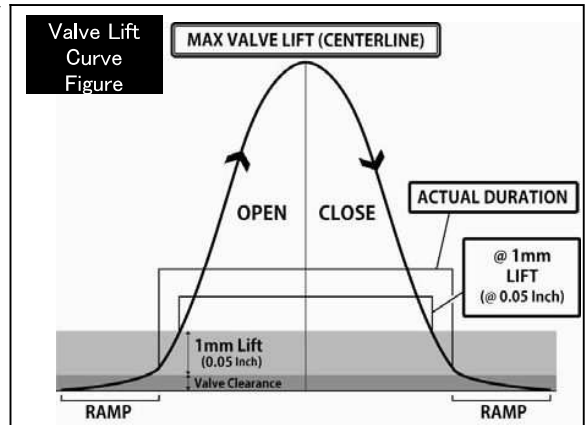
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	ATDC 5.0	ABDC 45.0	220.0
Valve Lift	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"	IN	ATDC 7.0	ABDC 43.0	216.0
Valve Lift	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 41.0
SET LENGTH (mm)	STD or 35.0
LIFT LENGTH (mm)	STD or 25.0
COMPRESSED HEIGHT (mm)	STD or 24.0
SET LOAD (kgf)	STD or 24.2 ±7%
LIFT LOAD (kgf)	STD or 80.6 ±7%
TOMEI PART NUMBER	13203R800

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER