

TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **G4KF**

PART NUMBER SET IN 14B0280115 EX 14B1280110

GRIND IN 280° / 11.50mm - BACE IN Φ 34.4 ROCKER ARM RATIO* VALVE CLEARANCE IN 0.20
 EX 280° / 11.00mm - CIRCLE(Φ) EX Φ 36.4 - WHEN COLD EX 0.30

LIFT IN @CAM 11.50mm @VALVE 11.30mm LOBE IN 125.0
 EX @CAM 11.00mm @VALVE 10.70mm CENTER(°) EX 120.0

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

CAM TIMING		OPENS(°)		CLOSES(°)		Actual Duration @ Opening(°)
Actual Duration	IN	BTDC	15.0	ABDC	85.0	280.0
Valve Lift	EX	BBDC	80.0	ATDC	20.0	280.0

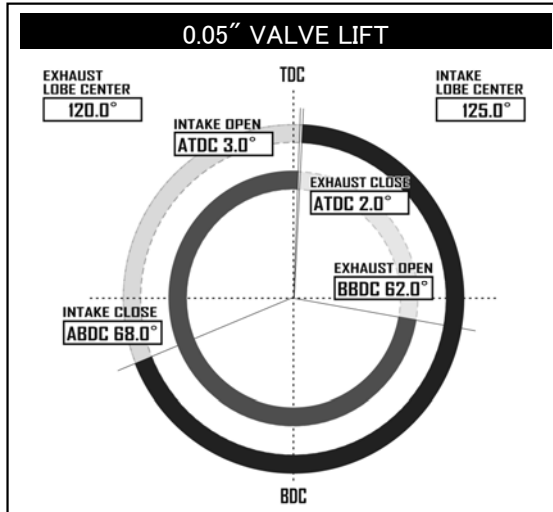
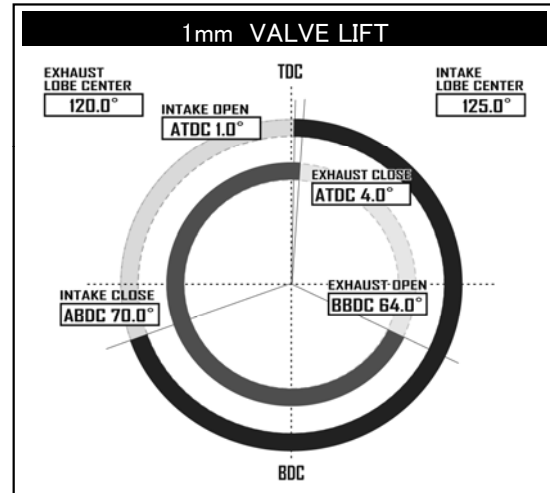
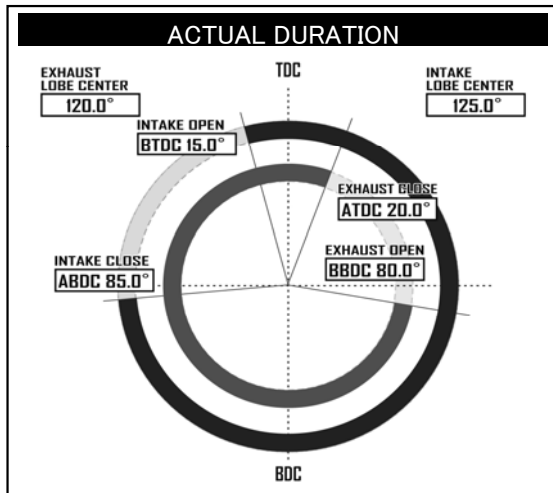
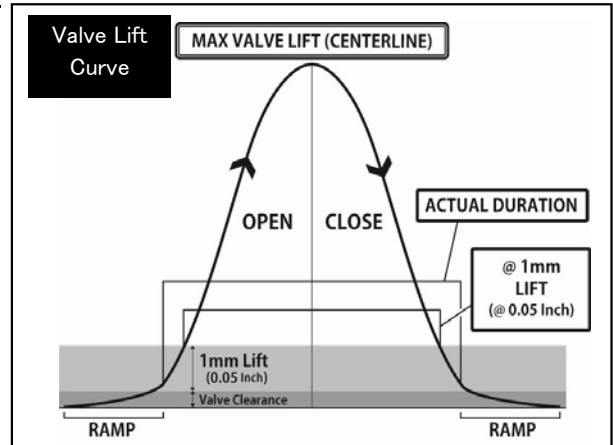
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)		CLOSES(°)		TOTAL DURATION(°)
at 1mm	IN	ATDC	1.0	ABDC	70.0	249.0
Valve Lift	EX	BBDC	64.0	ATDC	4.0	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	ATDC	3.0	ABDC	68.0	245.0
Valve Lift	EX	BBDC	62.0	ATDC	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	41.6mm
SET LENGTH	35.0mm
LIFT LENGTH	23.0mm
COMPRESSED HEIGHT	21.5mm
SET LOAD	27.0kgf ± 7%
LIFT LOAD	85.0kgf ± 7%
TOMEI PART NUMBER	163051

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER