

# TOMEI Camshaft Spec Card

PART NAME **PONGAM / PROCAM** ENGINE **4AG 16VALVE**

PART NUMBER SET 143056 IN 1493264081 EX 1494264081

GRIND	IN	264° / 8.15mm	SOLID	BACE	IN	Φ28.0	ROCKER ARM RATIO*	VALVE CLEARANCE	IN	0.20
	EX	264° / 8.15mm	SOLID	CIRCLE(Φ)	EX	Φ28.0	-	WHEN COLD	EX	0.25

LIFT	IN	@CAM 8.15mm	@VALVE 7.95mm	LOBE	IN	105.0
	EX	@CAM 8.15mm	@VALVE 7.90mm	CENTER(°)	EX	110.0

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

CAM TIMING		OPENS(°)	CLOSES(°)	Actual Duration @ Opening(°)
Actual Duration	IN	BTDC 27.0	ABDC 57.0	264.0
Valve Lift	EX	BBDC 62.0	ATDC 22.0	264.0

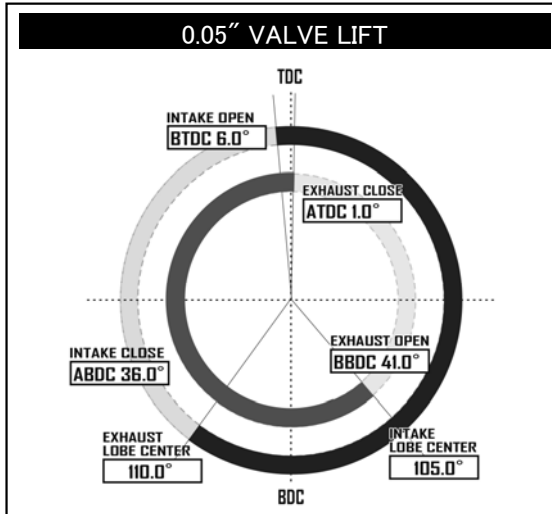
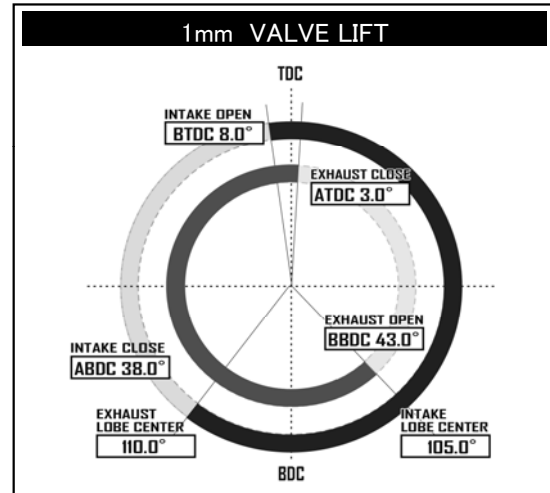
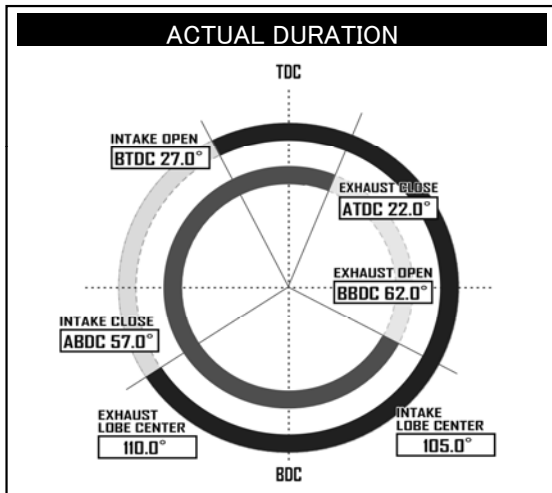
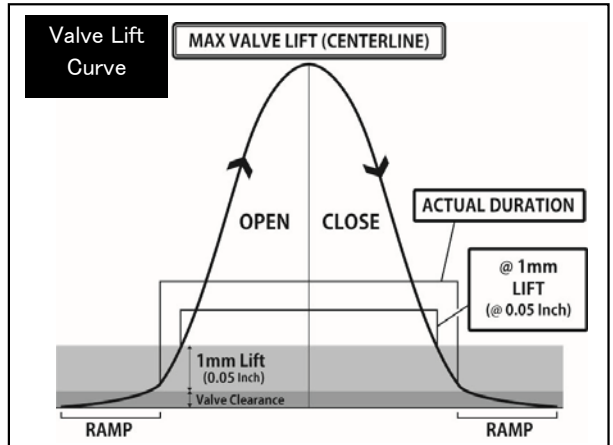
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

CAM TIMING		OPENS(°)	CLOSES(°)	TOTAL DURATION(°)
at 1mm	IN	BTDC 8.0	ABDC 38.0	226.0
Valve Lift	EX	BBDC 43.0	ATDC 3.0	226.0

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 6.0	ABDC 36.0	222.0
Valve Lift	EX	BBDC 41.0	ATDC 1.0	222.0

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



REQUIRED VALVE SPRING SPEC	
NOMAL HEIGHT	
SET LENGTH	
LIFT LENGTH	
COMPRESSED HEIGHT	
SET LOAD	
LIFT LOAD	
TOMEI PART NUMBER	

REQUIRED PARTS	
PRODUCT NAME	TOMEI PART NUMBER