

# TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **RB26DETT BNR34**

PART NUMBER **SET** - **IN** 1421280108 **EX** 1426280108

※BNR32/BCNR33/BNR34 compatible

|       |    |                |       |           |    |       |                   |                 |    |      |
|-------|----|----------------|-------|-----------|----|-------|-------------------|-----------------|----|------|
| GRIND | IN | 280° / 10.80mm | SOLID | BACE      | IN | Φ30.0 | ROCKER ARM RATIO* | VALVE CLEARANCE | IN | 0.45 |
|       | EX | 280° / 10.80mm | SOLID | CIRCLE(Φ) | EX | Φ30.0 | -                 | WHEN COLD       | EX | 0.38 |

|      |    |              |                |           |    |       |
|------|----|--------------|----------------|-----------|----|-------|
| LIFT | IN | @CAM 10.80mm | @VALVE 10.35mm | LOBE      | IN | 110.0 |
|      | EX | @CAM 10.80mm | @VALVE 10.42mm | CENTER(°) | EX | 115.0 |

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

| CAM TIMING      |    | OPENS(°)  | CLOSES(°) | Actual Duration @ Opening(°) |
|-----------------|----|-----------|-----------|------------------------------|
| Actual Duration | IN | BTDC 30.0 | ABDC 70.0 | 280.0                        |
| Valve Lift      | EX | BBDC 75.0 | ATDC 25.0 | 280.0                        |

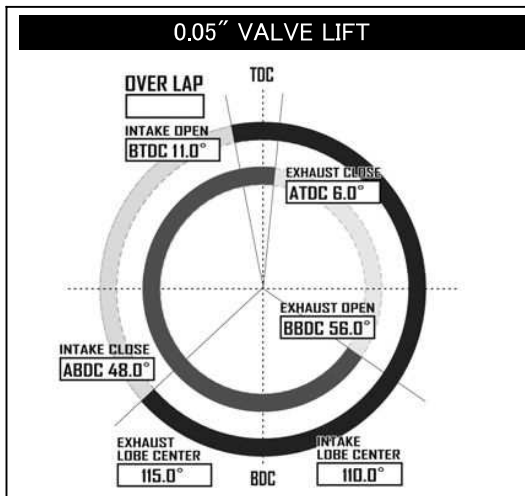
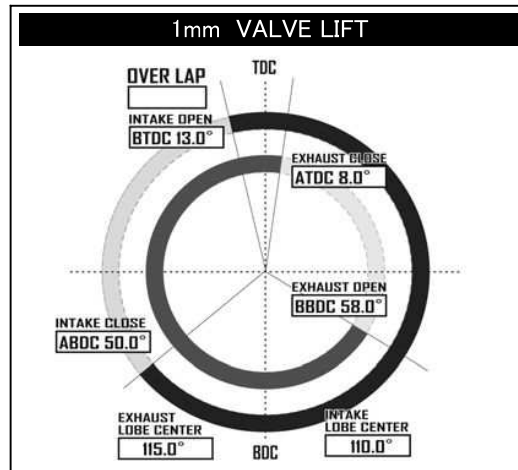
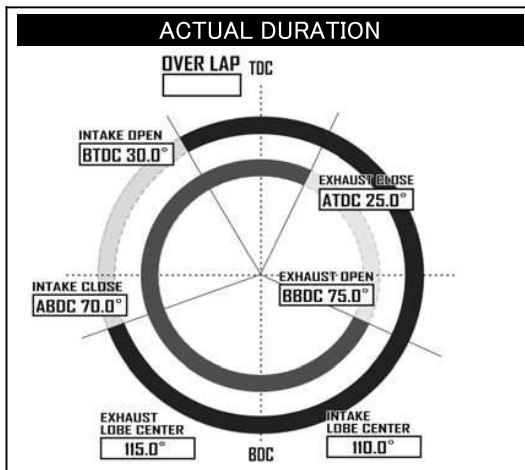
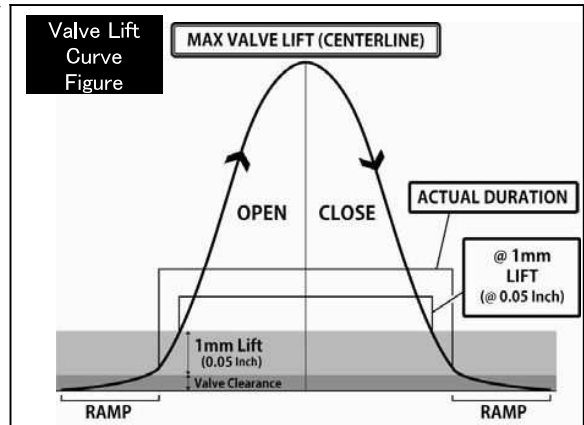
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

| CAM TIMING |    | OPENS(°)  | CLOSES(°) | TOTAL DURATION(°) |
|------------|----|-----------|-----------|-------------------|
| at 1mm     | IN | BTDC 13.0 | ABDC 50.0 | 243.0             |
| Valve Lift | EX | BBDC 58.0 | ATDC 8.0  | 246.0             |

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 11.0 | ABDC 48.0 | 239.0             |
| Valve Lift | EX | BBDC 56.0 | ATDC 6.0  | 242.0             |

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



| REQUIRED VALVE SPRING SPEC |           |
|----------------------------|-----------|
| NOMAL HEIGHT (mm)          | 45.0      |
| SET LENGTH (mm)            | 40.2      |
| LIFT LENGTH (mm)           | 29.0      |
| COMPRESSED HEIGHT(mm)      | 28.0      |
| SET LOAD (kgf)             | 24.0 ± 7% |
| LIFT LOAD (kgf)            | 97.8 ± 7% |
| TOMEI PART NUMBER          | 173002    |

| REQUIRED PARTS              |                   |
|-----------------------------|-------------------|
| PRODUCT NAME                | TOMEI PART NUMBER |
| VALVE LIFTER                | 163005            |
| MODIFICATION FOR BIGGER CAM | 31101010          |
| ADJUSTABLE CAM PULLEYS IN   | 152009            |
| ADJUSTABLE CAM PULLEYS EX   | 152010            |
| VALVE RECESSION 4VALVES     | 32109040          |

**TOMEI**  
The Engine Specialist