

# TOMEI Camshaft Spec Card

PART NAME **PROCAM** ENGINE **RB26DETT BNR32/BCNR33**

PART NUMBER SET - IN※ 1421260102 EX 1422260102

※BNR32/BCNR33/BNR34 compatible

|       |    |                |       |           |    |       |                   |                 |    |      |
|-------|----|----------------|-------|-----------|----|-------|-------------------|-----------------|----|------|
| GRIND | IN | 260° / 10.25mm | SOLID | BACE      | IN | Φ30.0 | ROCKER ARM RATIO* | VALVE CLEARANCE | IN | 0.45 |
|       | EX | 260° / 10.25mm | SOLID | CIRCLE(Φ) | EX | Φ30.0 | -                 | WHEN COLD       | EX | 0.38 |

|      |    |              |               |           |    |       |
|------|----|--------------|---------------|-----------|----|-------|
| LIFT | IN | @CAM 10.25mm | @VALVE 9.80mm | LOBE      | IN | 110.0 |
|      | EX | @CAM 10.25mm | @VALVE 9.87mm | 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 18.0 | ABDC 62.0 | 260.0                         |
| Valve Lift      | EX | BBDC 63.0 | ATDC 17.0 | 260.0                         |

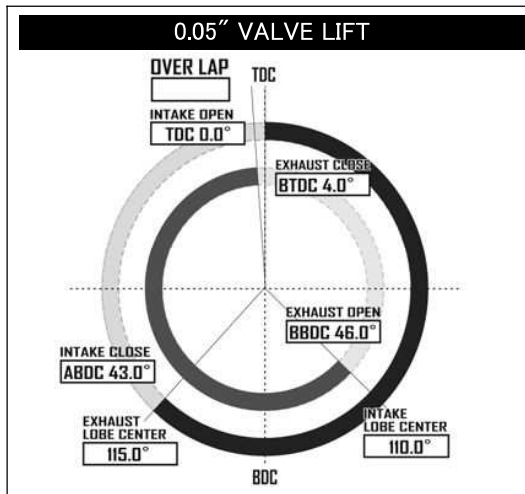
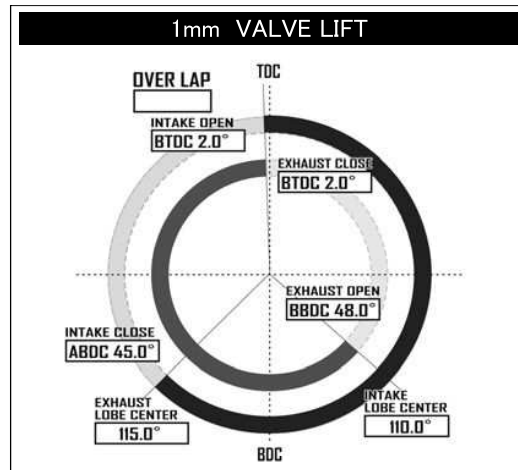
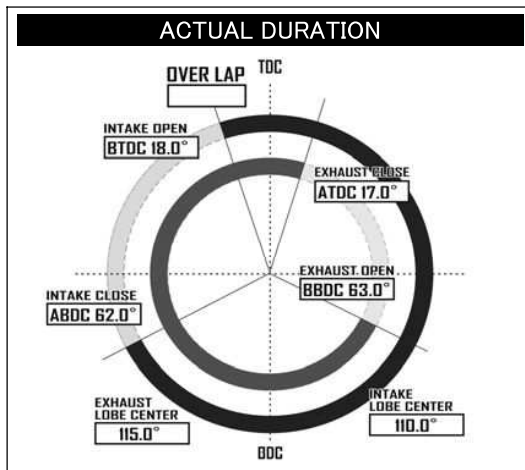
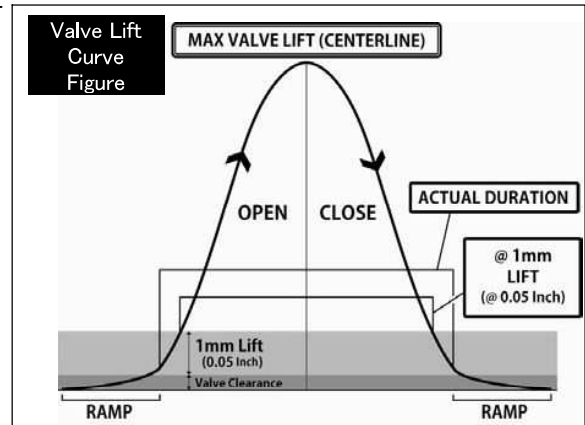
Values shown are, from start to the end of actual duration. (Excluding the ramp values)

| CAM TIMING |    | OPENS(°)  | CLOSES(°) | TOTAL DURATION(°) |
|------------|----|-----------|-----------|-------------------|
| at 1mm     | IN | BTDC 2.0  | ABDC 45.0 | 227.0             |
| Valve Lift | EX | BBDC 48.0 | BTDC 2.0  | 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 | TDC       | ABDC 43.0 | 223.0             |
| Valve Lift | EX | BBDC 46.0 | BTDC 4.0  | 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 (mm)          | 44.0      |
| SET LENGTH (mm)            | 37.7      |
| LIFT LENGTH (mm)           | 27.2      |
| COMPRESSED HEIGHT(mm)      | 26.1      |
| SET LOAD (kgf)             | 24.0 ± 7% |
| LIFT LOAD (kgf)            | 77.2 ± 7% |
| TOMEI PART NUMBER          | 173001    |

| REQUIRED PARTS            |                   |
|---------------------------|-------------------|
| PRODUCT NAME              | TOMEI PART NUMBER |
| VALVE LIFTER              | 163005            |
| ADJUSTABLE CAM PULLEYS IN | 152009            |
| ADJUSTABLE CAM PULLEYS EX | 152010            |
|                           |                   |
|                           |                   |

**TOMEI**  
The Engine Specialist