TEIKIN ENGINE COMPONENTS

# SUITABLE FOR NISSAN

## DIESEL APPLICATION

| ENGINE TYPE | PISTON | PISTON RING | PISTON PIN | PIN BUSHING | LINER | | | LINER KIT SET |
|---|---|---|---|---|---|---|---|---|
| | | | | | | FLANGED | NO FLANGE | |
| QD32TI 3153 cc 4 cyl. | Ø 99.20 -2.6<br>CD 45.3<br>TL 69.8 | 1 - 2.6 HK<br>1 - 2.0<br>1 - 3.0 | ø 33.000<br>TL 79.00 | | TL 160.0<br>OD 103.2<br>FT 5.0<br>FD 107.0 | | 155.0<br>103.2 | TEIKIN NO.<br>LKFX 44683AG<br>LKSF 44683AG<br>LKSX 44683AG |
| | TEIKIN NO. | TEIKIN NO. | TEIKIN NO. | TEIKIN NO. | TEIKIN NO. | | | |
| | 44683AG | R 44683 | P 44683 | B 44297 | LFX 44297<br>LSF 44297<br>LSX 44297 | | | |
| | REFERENCE NO. | REFERENCE NO. | | REFERENCE NO. | REFERENCE NO. | | | |
| | 12010-2S615 | 12033-1W411 | | 12030-1W400<br>12030-2W200 | 11012-2S611 | | | |
| Surface Treatment | Bore Clearance | | | | | | | |
| Tin Coated<br>Anodized Crown | MRC: 0.060 mm<br>MP: 5.50 mm | | | | | | | |

## How To Read The Above Catalog Data

| ENGINE TYPE | PISTON | PISTON RING | PISTON PIN | PIN BUSHING | LINER | | | LINER KIT SET |
|---|---|---|---|---|---|---|---|---|
| | | | | | | FLANGED | NO FLANGE | |
| 1 | Ø<br>CD 2<br>TL | 5 | ø<br>TL 6 | | TL<br>OD<br>FT<br>FD | 7 | | TEIKIN NO. |
| | TEIKIN NO. | TEIKIN NO. | TEIKIN NO. | TEIKIN NO. | TEIKIN NO. | | | 11 |
| | 3 | | | | 10 | | | |
| | REFERENCE. NO. | REFERENCE NO. | | REFERENCE NO. | REFERENCE NO. | | | |
| Surface Treatment | Bore Clearance | | | | | | | |
| 8 | 9 | | | | | | | |
| | 4 | | | | | | | |

**1**
- APPLICATION AND / OR ENGINE MODELS WITH YEARS OF APPLICATION.
- CAPACITY OF ENGINE IN CUBIC CENTIMETERS (CC).
- NUMBER OF CYLINDERS.

**2**
- NOMINAL BORE DIAMETER.
- CD = COMPRESSION DISTANCE OF PISTON IN MILLIMETERS.
  PLUS VALUE DENOTES HEIGHT OF RAISED (ELEVATED) CROWN.
  MINUS VALUE DENOTES DEPTH OF DEPRESSED (CAVITATED) CROWN.
- TL = TOTAL LENGTH OF PISTON IN MILLIMETERS.

**3**
- TEIKIN NUMBER FOR PISTON.
  - SUFFIX "A" REFERS TO PISTONS WITH ALFIN REINFORCEMENT.
  - SUFFIX "G" REFERS TO PISTONS WITH OIL COOLING TUNNEL (GALLERY).
  - SUFFIX "AG" REFERS TO PISTONS WITH BOTH ALFIN AND GALLERY.

(SUPERSEDED NUMBERS ARE GIVEN IN PARENTHESIS.)

**4**
- REFERENCE NO.
  THESE NUMBERS REFER TO COMMONLY USED NUMBERS IN THE SPAREPARTS INDUSTRY.

**5**
- PISTON RING SIZES.
  - SUFFIX "FK" REFERS TO FULL KEYSTONE TYPE RINGS.
  - SUFFIX "HK" REFERS TO HALF KEYSTONE TYPE RINGS.

**6**
- NOMINAL OUTER DIAMETER OF PISTON PINS.
- TL = TOTAL LENGTH OF PISTON PIN

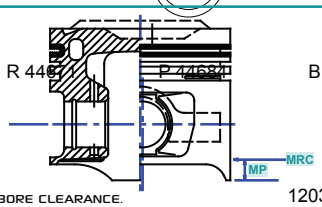
CIRCLIP TYPES

RECTANGULAR -X- SECTION TYPE | CIRCULAR -X- SECTION TYPE

**7**
- TL = TOTAL LENGTH OF CYLINDER LINER IN MILLIMETERS.
- OD = OUTER DIAMETER OF CYLINDER LINER IN MILLIMETERS.
- FT = FLANGE THICKNESS OF CYLINDER LINER IN MILLIMETERS.
- FD = FLANGE DIAMETER OF CYLINDER LINER IN MILLIMETERS.

**8**
- TYPE OF SURFACE TREATMENT.
  TIN COATED • MOLY SKIRT • ANODIZED CROWN.

**9**




- BORE CLEARANCE.
  MRC = MINIMUM RECOMMENDED CLEARANCE. MEASURED AT THIS MEASURING POINT.
  MP = MEASURING POINT HEIGHT MEASURED FROM SKIRT BOTTOM.

**10**
- TEIKIN LINERKIT NUMBERING SYSTEM.
  - PREFIX "LKSX" MEANS LINERKIT WITH SEMI-FINISHED AND NO FLANGE LINERS.
  - PREFIX "LKSF" MEANS LINERKIT WITH SEMI-FINISHED AND FLANGED LINERS.
  - PREFIX "LKFX" MEANS LINERKIT WITH FULLY FINISHED AND NO FLANGE LINERS.
  - PREFIX "LKFF" MEANS LINERKIT WITH FULLY FINISHED AND FLANGED LINERS.
  - PREFIX "LKCX" MEANS LINERKIT WITH CHROMED AND WITH NO FLANGE LINERS.
  - PREFIX "LKCF" MEANS LINERKIT WITH CHROMED AND FLANGED LINERS.

**11**
- TEIKIN LINER NUMBERING SYSTEM.
  - PREFIX "LSX" MEANS LINERS ARE SEMI-FINISHED AND NO FLANGE.
  - PREFIX "LSF" MEANS LINERS ARE SEMI-FINISHED AND FLANGED.
  - PREFIX "LFX" MEANS LINERS ARE FULLY FINISHED AND NO FLANGE.
  - PREFIX "LFF" MEANS LINERS ARE FULLY FINISHED AND FLANGED.
  - PREFIX "LCX" MEANS LINERS ARE CHROMED AND NO FLANGE.
  - PREFIX "LCF" MEANS LINERS ARE CHROMED AND FLANGED.