

# TOYOTA

## 1KD

Application: Land Cruiser

Number of Cylinders 4

Cylinder dia. 96.0 MM

Swept volume 2982 ccm

### KoyuTech Piston kit-Sets

### Piston Rings

### Cylinder liner

Piston:

OEM NO. 13011-30020  
NPR:SDT10-175ZY

KoyuTech NO.  
OEM NO.

Piston-kit:

OEM NO. 13101-0L030

OEM Ring Groove

SIZE

Liner&Sleeve

Top: 2.0K  
2nd: 1.5  
Oil : 3.0

STD

In Diameter:  
Out Diameter:  
Total length:  
Flange:

### Piston

SIZE

K.T Ring Groove

SIZE

Engine Valve

Comp:49.7 w/al-fin  
Height: oil-cooled  
Length:78.5 MOS2  
Top shape: □51.6  
Direct injection  
Pin: 34  
Length: 73

STD

Top:  
2nd:  
Oil :

KoyuTech NO.  
OEM NO.  
13711-30030  
IN 32.2 6 105.5

### Engine Bearing

KoyuTech NO.

MAIN:

OEM NO.  
13715-30030  
EX 27.8 6 105.3

CON.ROD:

T/W:

### Valve seat

C/B:

KoyuTech NO.  
IN  
EX

BUSH:

### Valve guide / Sub Parts

Guide:11122-30020

### Cylinder Head

Seal:

Gasket:

Water pump:

Overhauling Gasket:

REMARK: