

# Sta4195 Bearing Interchange

## Detail Introduction :

### Sta4195 Bearing Interchange cross Reference Chart:

Bore diameter:41.4mm	Outside diameter:95.6mm
Width:35.23mm	Bearing type:tapered roller bearing
Cage:Steel cage	Bearing material:GCr15 bearing steel

KOYO

TIMKEN

STA4195

STA4195

STA4195 products are mainly applied to: aerospace, railway, automobile, machine tool, port, motor, petrochemical, pharmaceutical, textile, printing, woodworking, hydropower and various machinery manufacturing supporting and repairing imported bearings.

### Bearing classification:

Bearings are basic components, and bearings are standard parts. Any mechanical equipment that needs to rotate requires bearings. Support. Bearings play a role in preventing friction and bearing loads in mechanical equipment. Bearings are generally divided into rolling bearings and sliding bearings. At present, Sliding bearings have been eliminated day by day, but they still have their uses. As for rolling bearings with more and more uses nowadays, the commonly used rolling elements are: balls, short cylindrical rollers, tapered rollers, and drum rollers. And five kinds of needle rollers. We are all classified by rolling bearings!

(1) According to the shape of the rolling elements, bearings can be divided into two types: ball bearings and roller bearings.

The rolling elements of the ball bearing and the raceway of the ring are in point contact, with low load capacity and poor impact resistance, but the friction resistance is small, the limit speed is high, and the price is low.

The rolling element of the roller bearing is in line contact with the raceway of the ring, with high load capacity and impact resistance, but the friction resistance is high and the price is relatively high.

(2) Bearings can be divided into single-row, double-row and multi-row bearings according to the number of rows of rolling elements.

(3) Bearings can be divided into rigid bearings and self-aligning bearings according to whether they can be automatically adjusted during work.

### Rolling bearing classification code:

"0"----Double row angular contact ball bearing

"1"-Self-aligning ball bearing

"2"-spherical roller bearing and thrust spherical roller bearing

"3"----Tapered Roller Bearing

"4"----Double row deep groove ball bearing

"5"-Thrust ball bearing

"6"----Deep Groove Ball Bearing

"7"-Angular contact ball bearing

"8"-Thrust Cylindrical Roller Bearing

"9"-Thrust Tapered Roller Bearing

"N" ---- Cylindrical roller bearings and needle roller bearings Cylindrical roller bearings generally have one or more letter codes attached to them to indicate those rib structure types, such as: NJ, NU, NUP, etc. Wait. For double-row or multi-row cylindrical roller bearings, it is represented by the letter

NN. Needle roller bearings are usually represented by the letters NA or NK.

"U"-Outer spherical ball bearing

"QJ"-Four-point contact ball bearing