

NEEDLE ROLLER BEARINGS

STAINLESS STEEL



Strong Point of Stainless Needle Roller Bearing

JNS manufactures stainless steel needle bearings and inner rings with excellent corrosion resistance. These products are used in applications where a high resistance to corrosion is required such as medical devices, food machinery, packaging machinery, textile machinery and chemical machinery. The outer ring, inner ring and rollers are made from martensite stainless steel, and after being subjected to heat treatment, receive a high accuracy grinding finish. These products are not appropriate for use in environments with high humidity or where they could be directly exposed to water. The mounting dimensions of JNS stainless bearings are the same as the conventional bearings. They are also compatible with the needle bearings of other manufacturers.

PHARMACEUTICALS



MEDICAL DEVICES



SEMICONDUCTORS






BOTTLING

FOODS



Stainless type Machined type needle roller bearings/inner ring

Type and Part Code

Type	Applicable axis diameter	Feature	Part Code
 <p>RNA..M</p>	φ 7 ~ φ 30	Stainless type Machined type needle roller bearings With collar outer ring Without inner ring Without seal	<p>Type RNA ↓ Type of bearing</p> <p>Dimensions 49 ↓ Dimension series 01 ↓ Bore diameter number M ↓ Stainless steel</p> <p>Suffix code P6 ↓ Classification symbol (Class 6) (Standard class 0 No symbol)</p>
 <p>NK..M</p>	φ 5 ~ φ 19	Stainless type Machined type needle roller bearings Light load type With collar outer ring Without inner ring Without seal (There are no oil holes or oil grooves if the roller set bore diameter (Fw) is 10 mm or less)	<p>Type NK ↓ Type of bearing</p> <p>Dimensions 18 / 20 ↓ Inscribed circle diameter M ↓ Stainless steel Outer ring width</p> <p>Suffix code P6 ↓ Classification symbol (Class 6) (Standard class 0 No symbol)</p>
 <p>NA..M</p>	φ 5 ~ φ 25	Stainless type Machined type needle roller bearings With collar outer ring With inner ring Without seal *Double rows: NA69 (shaft dia. ≥ φ 32)	<p>Type NA ↓ Type of bearing</p> <p>Dimensions 49 ↓ Dimension series 01 ↓ Bore diameter number M ↓ Stainless steel</p> <p>Suffix code C3 ↓ Clearance symbol (C3 clearance) (Standard: No symbol, CN clearance) P6 ↓ Classification symbol (Class 6) (Standard class 0 No symbol)</p>
 <p>NKI..M</p>	φ 5 ~ φ 15	Stainless type Machined type needle roller bearings Light load type With collar outer ring With inner ring Without seal (There are no oil holes or oil grooves if the bore diameter is 8 mm or less)	<p>Type NKI ↓ Type of bearing</p> <p>Dimensions 10 / 20 ↓ Bore diameter M ↓ Stainless steel Outer ring width</p> <p>Suffix code C3 ↓ Clearance symbol (C3 clearance) (Standard: No symbol, CN clearance) P6 ↓ Classification symbol (Class 6) (Standard class 0 No symbol)</p>
 <p>IR..M</p>	φ 5 ~ φ 50	Stainless type Inner ring	<p>Type IR ↓ Type of bearing</p> <p>Dimensions 25 ↓ Bore diameter 30 ↓ Outer diameter 17 ↓ Width M ↓ Stainless steel</p>