

NEEDLE ROLLER BEARINGS

STAINLESS STEEL



Usage of Stainless Steel Needle Roller Bearing

STAINLESS STEEL

JNS manufactures excellent corrosion resistance stainless steel needle bearings and inner rings. These products are used in corrosion sensitive environments such as medical devices, food machinery, packaging machinery, textile machinery and chemical machinery.

The components are made of martensitic stainless steel and have subjected to heat treatment followed by grinding finish with high accuracy.

The mounting dimensions of JNS stainless bearings are the same as conventional bearings. They are also compatible with the needle bearings of other manufacturers.

However, environment with high humidity or possible direct exposure with water is not recommended to use this product.

PHARMACEUTICALS



MEDICAL DEVICE



SEMICONDUCTORS








BOTTLING

FOOD



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 Outer ring with ribs Without inner ring Without seals	<p>RNA → Type of bearing</p> <p>49 → Dimension series</p> <p>01 → Bore diameter number</p> <p>M → Stainless steel</p> <p>P6 → Accuracy class (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 Outer ring with ribs Without inner ring Without seals (There are no oil holes or oil grooves if the roller set bore diameter (Fw) is 10 mm or less)	<p>NK → Type of bearing</p> <p>18 / 20 → Inscribed circle diameter</p> <p>M → Stainless steel</p> <p>Outer ring width</p> <p>P6 → Accuracy class (Class 6) (Standard class 0 No symbol)</p>
 <p>NA..M</p>	φ 5 ~ φ 25	Stainless type Machined type needle roller bearings Outer ring with ribs With inner ring Without seals	<p>NA → Type of bearing</p> <p>49 → Dimension series</p> <p>01 → Bore diameter number</p> <p>M → Stainless steel</p> <p>C3 → Clearance symbol (C3 clearance) (Standard: No symbol, CN clearance)</p> <p>P6 → Accuracy class (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 Outer ring with ribs With inner ring Without seals (There are no oil holes or oil grooves if the bore diameter is 8 mm or less)	<p>NKI → Type of bearing</p> <p>10 / 20 → Bore diameter</p> <p>M → Stainless steel</p> <p>Outer ring width</p> <p>C3 → Clearance symbol (C3 clearance) (Standard: No symbol, CN clearance)</p> <p>P6 → Accuracy class (Class 6) (Standard class 0 No symbol)</p>
 <p>IR..M</p>	φ 5 ~ φ 50	Stainless type Inner ring	<p>IR → Type of bearing</p> <p>25 → Bore diameter</p> <p>30 → Outer diameter</p> <p>17 → Width</p> <p>M → Stainless steel</p>