

1.2. Types and Features of the Rod End

●Type Provided with a Female Thread - Model PHS

With model PHS, a special copper alloy with high conformability is inserted between the color chromate finished steel holder and the spherical inner ring in which only the spherical area is hard chrome plated. This structure ensures high rigidity, high wear resistance and high corrosion resistance.

The grease nipple on the holder allows grease to be applied to the sliding surface as necessary.



Model PHS

●Die Cast, Low-price Type - Model RBH

This model is a high-accuracy, low-cost rod end in which the spherical inner ring serves as the core and the holder is formed by die-casting. The holder is made of a high-strength zinc alloy (see page S-6), which is superb in mechanical properties and bearing characteristics.



Model RBH

●Lubrication-free Type - Model NHS-T

This lubrication-free rod end uses self-lubricating synthetic resin formed between the steel holder and the spherical inner ring. Since the clearance on the sliding surface is minimized, an accurate link motion is achieved.



Model NHS-T

●Lubrication-free, Corrosion-resistant Type - Model HS

This lubrication-free rod end uses a special fluorocarbon sheet adhering to the holder's spherical area. It is more resistant to corrosion than a stainless steel type.

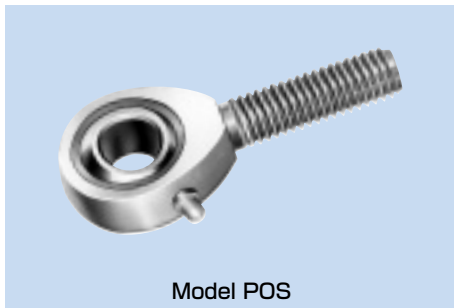
Since the holder is made of an aluminum alloy, this model is extremely light.



Model HS

●Male-thread Type - Model POS

This model is a highly rigid rod end that is basically the same as the female-screw type model PHS, but has a male thread on the holder end.



Model POS

●Lubrication-free, Male-thread Type - Model NOS-T

This model is a lubrication-free rod end that is basically the same as the female-screw type model NHS-T, but has a male thread on the holder end.



Model NOS-T

●Standard Type - Model PB

With model PB, a special copper alloy with high conformability is inserted between the steel outer ring and the spherical inner ring in which only the spherical area is hard chrome plated. This structure makes this model a high rigid spherical bearing with high corrosion resistance and high wear resistance.

The oil groove and the greasing hole on the outer ring allow grease to be applied to the sliding surface as necessary.



Model PB

●Die Cast Type - Model PBA

This model is a high-accuracy, low-cost spherical bearing in which the spherical inner ring serves as the core and the outer ring is formed by die-casting. The outer ring is made of a high-strength zinc alloy (see page S-6), which is superb in bearing characteristics.



Model PBA

● Lubrication-free Type - Model NB-T

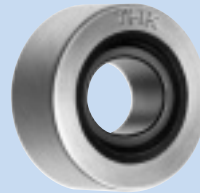
This lubrication-free bearing uses self-lubricating synthetic resin formed between the steel outer ring and the spherical inner ring.



Model NB-T

● Lubrication-free Type - Model HB

This lubrication-free spherical bearing uses a special fluorine sheet adhering to the outer ring's spherical area.



Model HB