

can meet your bearing demand from us

HW-30CCAA 8 UNITS HIWIN

HGW-45HCAA 4 UNITS HIWIN

MHT25-C1-32 8 UNITS IKO

KWVE-35BH 8 UNITS INA

RWUA45-EH-G2-V3 8 UNITS INA

MTH-35 4 UNITS IKO

MHT-20 6 UNITS IKO

TKVD-35 INA LONG SHAFT 1600 MILLIMETERS

MHT25 IKO LONG AXIS 1400 MILLIMETERS

The linear slide is a kind of rolling guide, and the steel ball can perform infinite scrolling cycle between the slide and the slide rail, and the load platform can easily move linearly along the slide with high precision. Compared with the traditional sliding guide, the rolling guide's friction coefficient can be reduced to 1/50 of the original, because the starting friction is greatly reduced, relatively less ineffective movement occurs, it can easily reach the μm feed and positioning. In addition, the design of the beam unit between the slider and the slide rail enables the linear slide rail to bear loads in all directions such as up, down, left, right, and the like. The above display characteristics are not comparable to the conventional slide guide. Therefore, the machine table can be matched with the ball screw. The use of linear slides as guides will definitely improve equipment accuracy and mechanical efficiency.

When a linear slide is used as a linear guide, since the linear slide friction is a rolling friction, not only the friction coefficient is reduced to 1/50 of the slide guide, but also the difference between the dynamic friction force and the static friction force becomes small. Therefore, when the bed is running, there will be no slip phenomenon, and the positioning accuracy of μm can be achieved. With the traditional sliding guide, the accuracy of the platform movement is unavoidably caused by the reverse flow of the oil film, and the lubrication of the running track is not sufficient, resulting in wear of the contact surface of the running track, which seriously affects the accuracy. The wear of the rolling guide is very small, so the machine can maintain accuracy for a long time.