

1.1. Structure and Features of the Slide Series

The Slide Series are highly accurate, low price products that use a high-strength zinc alloy with high wear resistance and are formed by die-cast molding.

Since each model has a precision-machined shaft as the core and teeth are formed around it, the products are of high accuracy and of little unevenness in accuracy. Therefore, the teeth shapes match that of the corresponding dedicated spline shafts or screw shafts, and the backlash and axial clearance are kept minimum. As a result, the shafts and the nuts of this series are superbly interchangeable.

● Increased Wear Resistance, High Durability

Each tooth between the dedicated spline shaft and screw shaft has a large contact area, and the smooth surface of the ground or precision-ground or rolled core is transferred without change. Thus, high wear resistance and stable performance are achieved.