1. **MEASURE THE NECK - 2”**

   A. Insert the head of the Kingpin through the large opening of the small slot. Locate the gage between the shoulder and the head of the Kingpin.

   B. Slide the gage toward the small end. The number stamped on the gage at the center of the Kingpin indicates the dimension (see figure 1).

   C. The Kingpin should be replaced when, at any orientation, the Kingpin reaches the end of the slot (1-7/8” diameter).

2. **MEASURE THE SHOULDER - 2-7/8”**

   A. Repeat the above procedure using the large slot on the shoulder of the Kingpin (see figure 2).

   B. Replace if the Kingpin reaches the end of the slot (2-3/4” diameter).

3. **MEASURE THE KINGPIN LENGTH**

   The Kingpin is the proper length if the “MAX” end engages and the “MIN” end does not engage as shown below.

   **Important:** Be sure to hold the gage edge flat to the upper coupler. Check both the “MAX” end and the “MIN” end as shown in figures 3 and 4.

   ![FIGURE 1](image1)
   ![FIGURE 2](image2)
   ![FIGURE 3](image3)
   ![FIGURE 4](image4)

   THE “MAX” END SHOULD ALWAYS ENGAGE THE KINGPIN.

   THE “MIN” END SHOULD NEVER ENGAGE THE KINGPIN.