

FINDING THE RIGHT MOOG® REPLACEMENT UNIVERSAL JOINT

MOOG® U-Joints

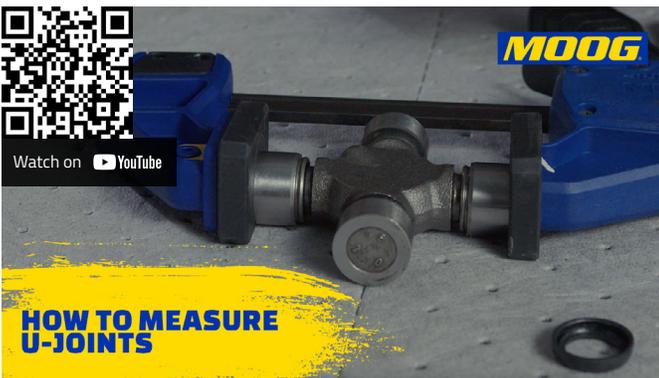
The Problem

Many times, universal joint part numbers cannot be easily identified, especially by application. Using the [Online Catalog Database](#), MOOG makes it easy to correctly determine a replacement MOOG universal joint part number. Here's what you need to get started:

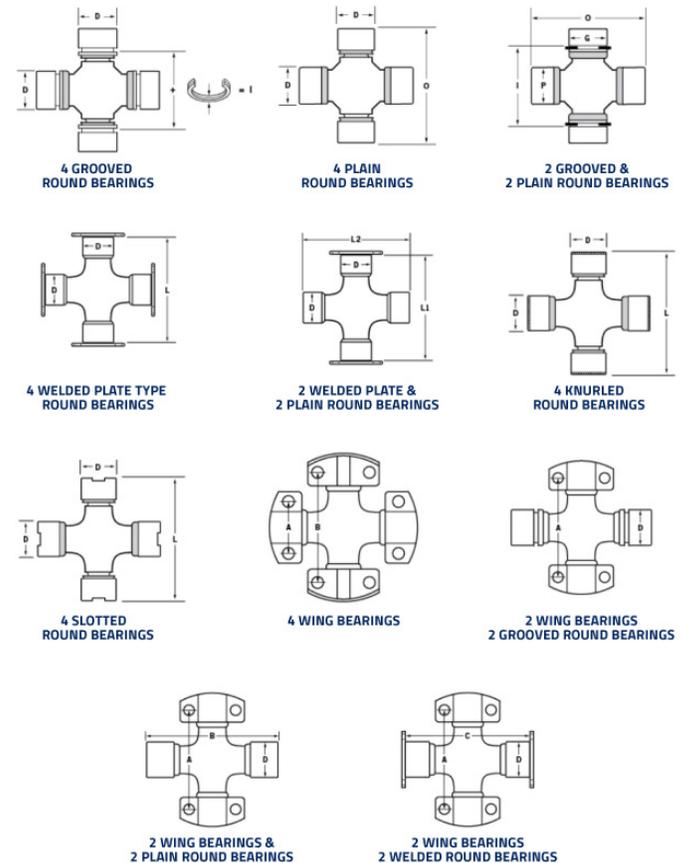
- Old universal joint that needs replacing
- Calipers for measuring
- C-clamp or vise
- Internet access



Identification Procedure



Step 1: Find Correct Style of U-Joint

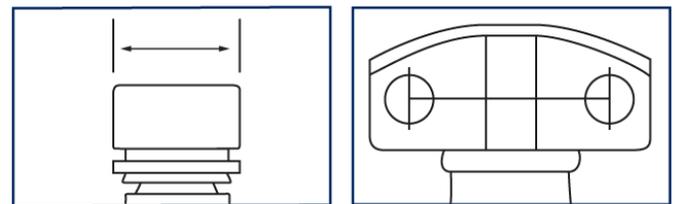


Step 2: Measure Bearing Caps

Traditional cap styles pressed in yoke: Measure diameter of bearing cap

Wing bearing caps: Measure hole spacing (center-to-center)

TIP: Measure two adjacent caps even if they are the same style in case they are different sizes.



TRADITIONAL

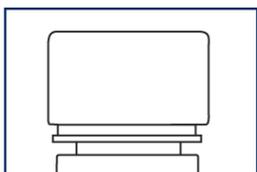
WING STYLE



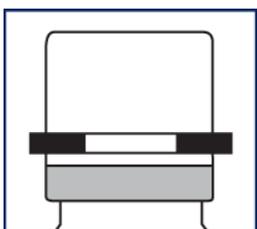
The Problem Solver®

Step 3: Measure U-Joint Assembly

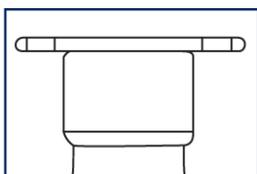
Refer to chart in Step 1 for correct style.

**Plain round bearings, knurled round bearings and slotted round bearings:**

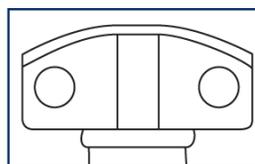
Remove grease boots, ensure caps are fully seated by applying light pressure using a C-clamp or vise at both ends of cups (tight enough that the u-joint cross body can be turned by hand) and measure the overall length from cap to cap.

**Grooved round bearings:**

Remove grease boots and ensure caps are fully seated by applying tight pressure using a C-clamp or a vise at both ends of cups (tight enough that the U-joint cross body can be turned by hand). Measure the inside edge of the lock ring groove on one bearing across the joint to the same point on the opposite bearings. Measure the thickness of the lock rings and add their thickness to the first measurement.

**Welded plate bearings:**

Remove grease boots and ensure caps are fully seated by applying light pressure using a C-clamp or a vise at both ends of cups (tight enough that the u-joint cross body can be turned by hand). Measure the distance between the opposite plates. Don't include the plate thickness in the measurement.

**Wing bearings:**

Measure the distance between the holes directly across from each other and the pilot diameter. Make sure to take note of the style of the wings as there are many variations.

On all U-joint styles, the measured dimension should be slightly less than the dimensions you'll use to look up the part number. Make sure to take note of the type and location of grease fittings and to write down your measurements.

Step 4: Visit Online Catalog Database

From the [Online Catalog Database](#), you can use the measurements to identify which part number(s) will fit your application.



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