MOOG® PREMIUM U-JOINTS

MOOG® Premium u-joints' cold-forged, case-hardened bearing cups are designed for increased wear performance and strength, while their radial design allows 360° lubricant distribution to all bearing surfaces. Their high-strength steel cross incorporates a grease fitting for easy maintenance.

When it comes to total undercar solutions, MOOG® steering and suspension components are the choice of more professional technicians. MOOG's leading-edge engineering, metallurgy and manufacturing, along with long-lasting, problem-solving performance, have earned the trust of technicians and NASCAR® crew chiefs.

CASE-HARDENED BEARING CUP
Bearing cups are cold-formed and case-hardened, then precision-ground for better wear and strength.

NITRILE RUBBER GREASE SEALS
Nitrile rubber grease seals use a compressed double lip design to ensure more effective protection from contaminants and are purgable for longer life.

GREASEABLE DESIGN
Greaseable u-joint allows for new grease to flush out contamination and moisture, reducing corrosion and wear.

HIGH-STRENGTH ALLOY STEEL CROSS
High-strength steel crosses are forged and carburized heat-treated for long life.

RADIAL DESIGN
Bearing cups utilize a radial design to allow 360° lubricant distribution to all bearing surfaces.

NEEDLE BEARING
Needle bearings are precision-ground for maximum load-carrying capabilities.

moogproblemsolver.com
Chemically-coated, corrosion-resistant bearing cups are coldformed and case-hardened, then precision-ground for better wear and strength.

Nitrile rubber grease seals use a compressed double lip design to ensure more effective protection from contaminants and are purgable for longer life.

Needle bearings are precision-ground for maximum load-carrying capabilities.

Bearing cups utilize a radial design to allow 360° lubricant distribution to all bearing surfaces.

Greaseable u-joint allows for new grease to flush out contamination and moisture, reducing corrosion and wear.

High-strength steel crosses are forged and carburized heat-treated for long life.

Bearing cups are cold-formed and case-hardened with a state-of-the-art manufacturing process to ensure the highest quality. All parts are ground to stringent tolerances with quality control inspections at every step of the manufacturing process.

Cross trunnions have large grease reservoirs that feature radial grease channels for optimal grease distribution.

Cross trunnions are ground during manufacturing to a 15-25 RMS finish. This provides a smooth surface that is free of microscopic grooves that can cause premature wear.

Internal anti-drainback valve is integrated into the thrust washer to control lubrication flow and prevent dry start-up.