

**WHAT
MAKE
US
BETTER**

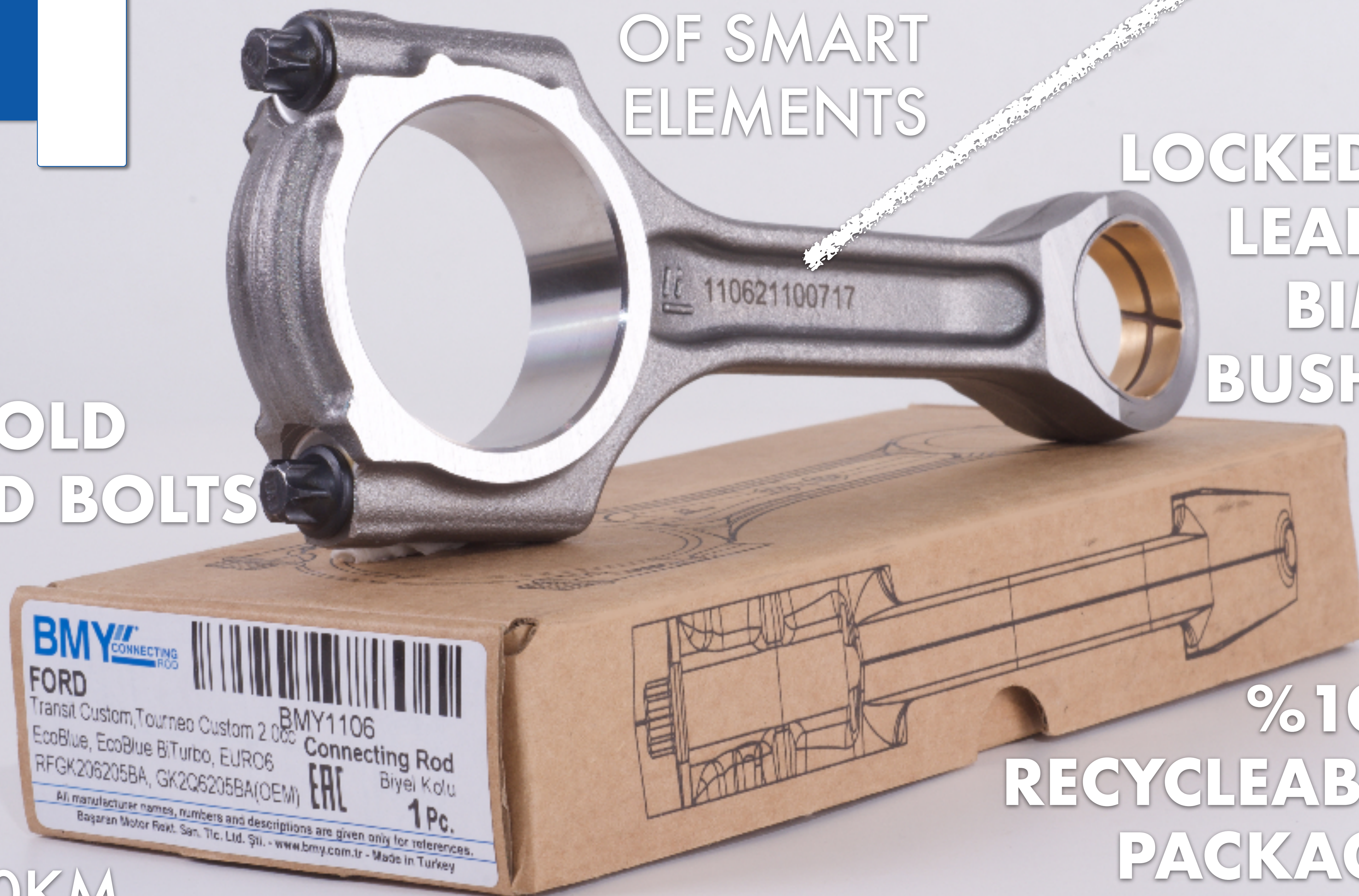


QUALITY FORGED
STEEL COMPRISING
OF SMART
ELEMENTS

PRODUCTION TRACKING
BY UNIQUE ID NUMBER,
RECORDING THE
DIMENSIONS OF
ALL PRODUCTS

LOCKED TYPE
LEAD FREE
BIMETAL
BUSHINGS

10.9 & 12.9 COLD
FORM FORGED BOLTS



%100
RECYCLEABLE
PACKAGE

1 YEAR/100.000KM
ENGINE WARRANTY & PRODUCT
LIABILITY INSURANCE



SCAN THE QR CODE
TO ACCESS THE WORLD'S
MOST DETAILED CONNECTING ROD CATALOGUE

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Smart Element-Based Raw Materials and Forging

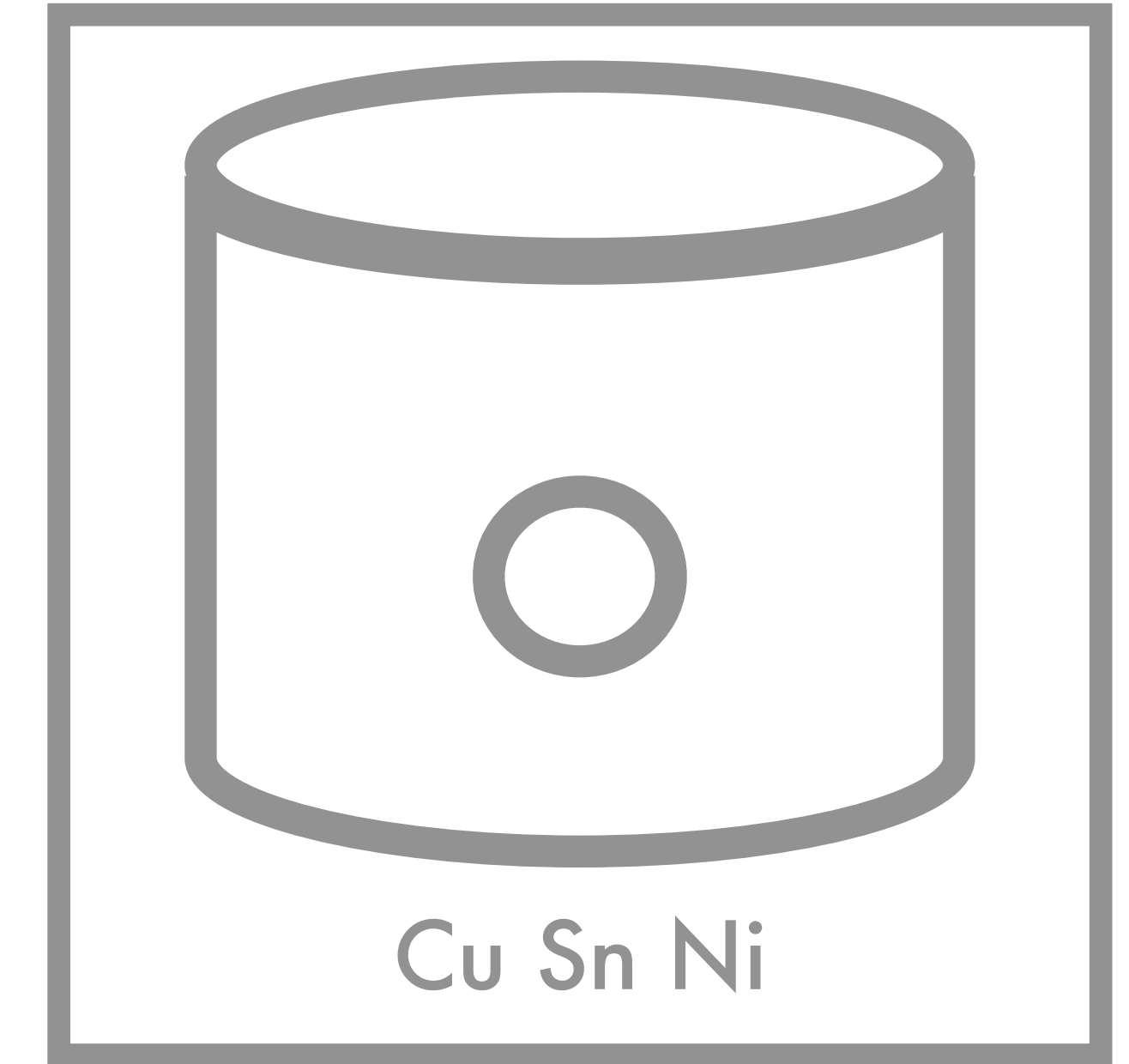
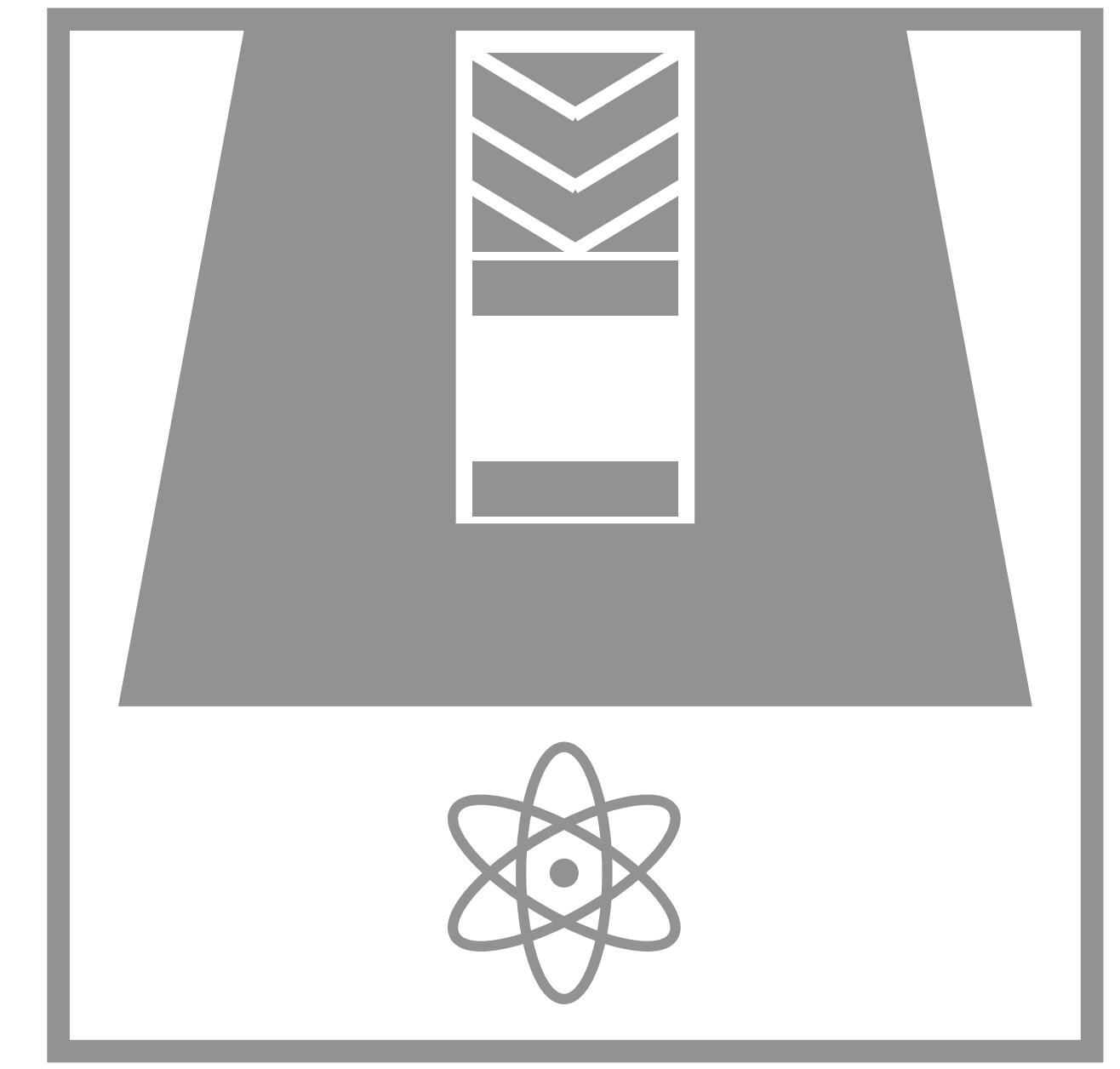
We manufacture our piston rods using ultra-durable, crack-controlled, and vacuum-treated materials coded as 46MnVS5, C70S6, suitable for the latest cracking type system technology. Immediately after the forging process, we apply a thermal annealing heat treatment, achieving stable hardness and a homogeneous microstructure.

10.9 & 12.9 Cold Forged Bolts

We utilize 10.9 and 12.9 grade bolts, produced through the cold forging method, precisely meeting OEM torque values in our products. Opting for torque-headed bolts that exhibit greater resistance under heavy usage, we cater to the specific preferences of our customers. Additionally, we provide assistance in bolt supply to customers who request it, leveraging our CB extended references.

Our Preference: Locking and Roll Form BiMetal Connecting Rod Bushings

We specialize in producing connecting rod, particularly for high-compression, new technology engines. In these engines, the quality and wear resistance of the connecting rod bushing are crucial. Moreover, ensuring our products are maximally recyclable is mandatory in compliance with European Union Reach regulations. Therefore, we avoid using environmentally harmful materials such as lead in our bushings. This not only aligns with environmental standards but also minimizes the wear value of our CuSn10Ni1(Pb<0.1) alloy, even after covering long distances.



Identification Number and Production Traceability

Following forging and sandblasting operations, we assign a unique identification number to each product we manufacture, individually rather than in batches. This allows us to trace every stage of production, including the production line and operators involved, with the support of ERP, even after years have passed. Additionally, before shipment or storage, we subject all products to automatic CMM inspection, recording dimensional, circularity, tiltiness, perpendicularity, parallelism, and weight measurements. Upon request, we can share measurement reports with end-users and engine services based on the identification number.



1 Year / 100,000km Engine Warranty and Product Liability Insurance

All our products come with a 1-year/100,000km engine warranty. We also document this warranty with our Product Liability Insurance. You can find the warranty terms and installation instructions for our products on the product packaging.

100% Recyclable Eco-Friendly Kraft Packaging

We package our products with utmost care to ensure their safe delivery to the end consumer and easy handling. Prioritizing environmental friendliness, we choose packaging made from 100% recyclable kraft paper to minimize our impact on the environment.

