



ETUNERS

FORGED CONNECTING RODS

ETUNERS Forged Connecting Rods

Are the ultimate choice for high-performance engines, combining german and japanese engineering expertise with Insights from professional racing drivers and mechanics. These rods have been proven in professional drag racing, and drifting, delivering unmatched performance and reliability.

Crafted from premium 4340 chrome-moly steel, ETUNERS connecting rods are designed to handle extreme loads without compromising on lightweight construction or structural integrity. Whether you're building a high-powered street car or a dedicated race machine, these rods ensure your engine performs at its best.

Why Choose ETUNERS Connecting Rods?

Tested on the Track: Trusted by top drivers and teams competing in the toughest motorsport events worldwide.

Unrivalled Durability: Engineered to withstand extreme power and stress in both street and race environments.

Precision Craftsmanship: CNC-machined to an accuracy of 0.0002 for flawless performance.

Lightweight Design: Maintains optimal engine balance without sacrificing strength.

Guaranteed Quality: Each rod undergoes rigorous testing to ensure consistent reliability and performance.

Available Versions

1. Street Version

Designed for engines producing up to 170 HP per cylinder, ideal for enthusiasts seeking enhanced durability and performance in daily-driven vehicles.

2. Race Version

Engineered for engines producing over 200 HP per cylinder, built to meet the demands of professional racers and high-performance applications.

Note: Power limits depend on your specific vehicle and engine model. Please consult an ETUNERS representative for personalized recommendations.

Technical Specifications

Material: High-strength 4340 chrome-moly alloy (bolts included).

Weight Tolerance: ± 1 gram for perfect balancing.

Precision Manufacturing: CNC-machined to an accuracy of 0.0002.

Forging Process: Two-stage forging for maximum strength and reliability.

Heat Treatment: Multi-stage process to prevent metal fatigue and maintain dimensional stability

Clearance Specifications

Engine Clearance Specifications		
Component	Min Clearance	Max Clearance
Connecting Rod to Engine Block	1.50–2.00 mm	3.00 mm
Connecting Rod Bearing to Crankshaft	0.02–0.05 mm	0.08 mm
Side Clearance (Pair of Rods)	0.10–0.35 mm	0.40 mm

Pin Clearance (Based on Pin Diameter):

Pin Diameter	Min Clearance	Max Clearance
19–21 mm	0.010–0.015 mm	0.016 mm
22–23 mm	0.012–0.017 mm	0.020 mm

Bolt Torque Specifications

Thread Diameter	UHL (inches)	Torque (Nm)
5/16	1.500	55 Nm
3/8	1.500	75 Nm
7/16	1.500	95 Nm

Installation Guidelines

Installation must be performed by certified professionals in specialized service centers.

Always use the correct tools and adhere strictly to clearance and torque specifications to avoid potential engine damage.

Proven Performance

ETUNERS forged connecting rods are trusted by some of the world's top teams and drivers, providing unmatched performance in even the most demanding motorsport events. From endurance racing to high-powered street builds, these rods are engineered to exceed expectations.

Contact Us

Ready to take your engine to the next level?

Contact your local **ETUNERS** dealer.

Visit etuners.ea for more information and expert guidance.

ETUNERS – Precision You Can Trust

