



**NEW
RELEASE
INFORMATION
Vol.307**

FORGED H-BEAM CONNECTING RODS for A12



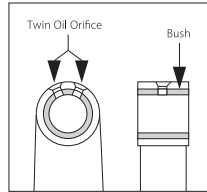
Highest quality, strongest A12 Connecting rods! Made to win the race!!

The connecting rod exerts a very large force to transfer the combustion pressure received by the piston to the crankshaft. In addition, the balance of the inertia mass greatly affects the smoothness of the engine rotation and the durability at high rotation because it becomes a moving part integrally with the piston.

In response to the high durability required from the high rotation speed of A12 tuning in recent years, TOMEI connecting rods meet the requirements such as strength and balance.

STRUCTURE OF THE SMALL END

Extra Oil Hole Further Increases Lubrication Efficiency!



The oil cap bush now has 2 holes for oil to enter for lubrication. This bush experiences high load whilst providing oil hole from the top of the bar when the upper piston pin is pressed down when the conrod rises. This is a usual weak point which can cause metal fatigue. But now being stronger and able to lubricate more helps with higher power output potential.

SNM439 METAL

The SNM439 material is normally used only when considerably high rigidity is required. High strength conditions are key elements for the conrod. Nickel was also added for extra tension resistance.

CONROD BOLTS (ARP Custom Age 625 Plus)



Conrod bolts are ARP "Custom Age 625 Plus" for even more fatigue / tensile strength and overall durability compared to other applications come with ARP "L-19" conrod bolts. The bolt size 5/16 provides a secure fastening and much improved reliability while avoiding weight gain at the big end.

SECURED CONNECTION STRENGTH



The strength of the connection is raised with the design aspects of the mating face of the rod. This minimizes the chances of elliptical deformations caused when under serious stress loads from serious power applications and thus maintaining the correct conrod bearings clearances.

SPEC

CONNECTING ROD

CENTERLINE (mm)	LARGE END DIA x THICKNESS (mm)	SMALL END DIA x THICKNESS (mm)	MATERIAL
121.5	Φ48 x 24.3	Φ17.5 x 22.2	SNM439

CONNECTING ROD BOLTS

THREAD	BOLT LENGTH (mm)
5/16	38.1

CONROD BEARINGS

INNER DIA. (mm)	BEARING WIDTH (mm)
Φ45	19.5

JPY 120,000

P/N : 125010

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■ Prices are subjected to changes without prior notice ■ The Images are for illustration purposes only & the color may differ from the actual product due to printing and publication errors.