

Brand: Hurricane
Engine: Chevy/Chevrolet Corvair 164CI
Part Type: Connecting Rods
Center to Center Length: 119.89mm/4.720"
Big End Bore Diameter: 48.89mm/1.925"
Big End Width: 21.64mm/0.852"
Small End Bore Diameter: 20.318mm /0.800"
Small End Width: 21.610mm/0.851"
Beam Style: I-beam
Connecting Rod Bolt Diameter: 5/16"
Approximate Connecting Rod Weight: 390g/piece
Advertised Horsepower Rating: 1000hp
Quantity: Sold as 6 pieces /set
Material: Forged 4340 steel
Connecting Rod Finish: Shot-peened, Polished
Pin: Bronze wrist pin bushings
Wrist Pin Style: Floating
Cap Retention Style: Cap screw
Weight Matched Set: Yes ,Balanced +/- 1g
Magnafluxed: Yes
Private Label: Yes ,available
Custom design: Yes, accept

Corvair Forged 4.720" I-beam Connecting Rods Features

They are used for 1960-69 high performance engine race car, with bushing:QAL10-3-1.5 on small end, full float pin design, set of 6, with [ARP bolts or our Copy ARP2000 bolt](#): Material: 4340 forged chrome Moly I-beam connecting rods with ARP cap screws/ bolts, rated over 700 HP. There are some technical features:

1. material:40CrNiMoA heat treatment:HRC34-38
2. copper bush:QAL10-3-1.5
3. dowel:40Cr,HRC40-42
4. Surface:Extra shot peened non machined surfaces
5. no note tolerance:+/-0.15
6. bolt torque:5/16-48N*M
7. packing:6pcs/set, balance weight within +/-1g



Hurricane Corvair Forged Steel Connecting Rods are shot peened and high quality finished.



Why Connecting rods are important components in nearly every internal combustion engine (rotary engines do not use them)? They connect the [pistons](#) to the [crankshaft](#), and as such must endure tremendous force during normal engine operation. Due to the high rate of speed engines operate, they also must be very precisely machined and balanced or the engine would literally fly apart! Each rods sets design specifications for the maximum allowable tolerance in weight difference between rods, with high performance engines being much more tightly balanced.



Note:Picture's from Car Design News

We produce and sell a wide variety of quality [Chevrolet connecting rods](#) in the world.