

Brand: Hurricane\*  
Engine: Toyota 1ZZ  
Part Type: Connecting Rods  
Center to Center Length: 146.6mm/5.772"  
Big End Bore Diameter: 47mm/1.850"  
Big End Width: 19.79mm/0.779"  
Small End Bore Diameter: 20mm /0.787"  
Small End Width: 19.99mm/0.787"  
Beam Style: H-beam  
Connecting Rod Bolt Diameter: 3/8"  
Approximate Connecting Rod Weight: 465g/piece  
Advertised Horsepower Rating: 550hp  
Quantity: Sold as 4 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

## **Toyota 1.8L 1ZZ H-Beam Connecting Rods Description**

Toyota 1.8L 1ZZ H-Beam Connecting Rods are precision machined using only premium E4340 aircraft quality steel that is heat treated to produce a consistent grain structure and are designed for high performance and extreme durability. The 4340 Chrome Moly Connecting Rods for 1998-2008 1.8L Toyota 1ZZ-FE/1ZZFE Engine are shot peened to relieve stress from the material and Multi Stage Heat Treatment for maximum strength, dimensional stability, and fatigue life. The tight tolerances in the production process, ensure a perfect fitment while optimizing the oil clearances. Bend and twist is tightly controlled.



## **Technical Features of Toyota 1ZZ Connecting Rods**

Double ribbed caps for added support  
CNC machining for superior tolerances  
Optimal balancing for weight matched sets of  $\pm$  1gram

Each rod includes Hurricane 3/8 cap fasteners that are rated at 210,000psi  
Dowel sleeves for perfect fit and accurate re-assembling  
Magnaflux Inspection guarantees that the consistency of the forged material meets our high-quality standard



### **Replacement Connecting Rods For Toyota 1.8 Liter 1ZZFE Engines Fitting Info**

Toyota Corolla 1998 - 2008  
Toyota Celica GT 2000 - 2005  
Toyota MR2 Spyder 2000 - 2005  
Toyota Matrix 2003 - 2008  
Toyota Allion  
Toyota Premio  
Toyota Vista and Vista Ardeo  
Toyota Caldina  
Toyota Avensis  
Pontiac Vibe 2003 - 2008  
Geo Prizm 1998 - 2002  
Chevrolet Prizm

### **Toyota Corolla 1ZZ-FE Engine**



Note: Picture from flickr by Visual Clarity Photography.