

Brand: Hurricane  
Engine: BMW M3 S54  
Part Type: Connecting Rods  
Center to Center Length: 139mm/5.472"  
Big End Bore Diameter: 53mm/2.087"  
Big End Width: 19.80mm/0.780"  
Small End Bore Diameter: 21mm /0.827"  
Small End Width: 19.80mm/0.780"  
Beam Style: H-beam  
Connecting Rod Bolt Diameter: 3/8 "  
Approximate Connecting Rod Weight: 510g/piece  
Advertised Horsepower Rating: 900hp  
Quantity: Sold as 6pieces /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

## Connecting Rod Set for BMW S54 Engines Description

All rods supplier are often asked about general horsepower ratings for the various designs of its connecting rods, especially [Carrilo](#), [callies](#), [Manley](#), [Lunati](#), [Eagle](#). Unfortunately, this cannot be answered in a simple way. The most relevant rod design parameters are Inertia forces (a function of engine speed, crank train geometry and assembly weights) and Cylinder firing pressure (tuning, fuel, boost, etc.). Through increased engine speed, displacement, firing pressure or a combination thereof, horsepower is gained. However, through the various changes in the cycle, the demand on the rods varies greatly. Moreover, extreme dynamic loads on the drive train such as intermittently free spinning wheels or propellers (Hill Climb races, Off-Shore boat races) should be considered the when making the right choice of rod.

### **BMW E46 M3 S54 3.2L Engine S54 - Forged Connecting Rod Set Feature:**

1. Forged 4340 steel
2. The Straight H-beam is the stoutest beam configuration available. It is capable of handling the most abusive forces in an engine
3. Extra big end design
4. Double oil hole on small end



**Related connecting rods:**

1. [BMW M3 E46 S54 3.2L I-Beam Forged Steel Connecting Rods](#)
2. [Set of 6, BMW M3 E46 S54 3.2L X Beam Connecting Rods](#)

Set of 6 of 4340 Chrome Moly Connecting Rods for BMW S54 E46 M3 can reach 900 horsepower.



Visit The [► BMW Rods](#) for more rods. You may also find [FAQ](#) and [News](#) pages helpful.



Besides this simply big end and shoulder design, more could be machined for your directly. You could explore some here:

1. [Hurricane Connecting Rods Big End Design](#)
2. [Hurricane Connecting Rod Shoulder Design](#)

And some beautiful design in [connecting rod gallery](#), don't hesitate to contact us which you want.