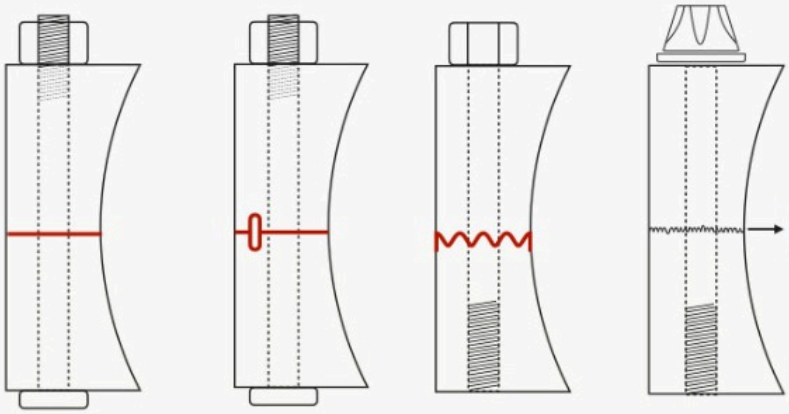
Why BMY Con. Rods
with cracking technology?



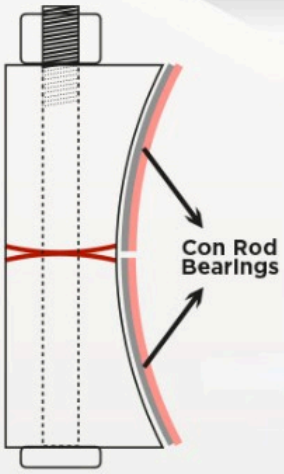
Section of hundreds of surface areas created by cracking

The large and irregular surface area connects the cap and connecting rod to each other better with the help of bolts. Even at very high RPM's, there is no separation and wear at the connection points. This allows the connecting rod to be sized more smoothly and the engine bearing to work longerkilometers.

BMY is redesigning and manufacturing the old type of connecting rods according to the new technology.

- BMY0803 2.8 Sofim
- BMY1305 4D56U
- BMY1403 1.6 JTD
- BMY0811 DW10C
- BMY0810 DW10
- BMY1012 T4 2.5
- BMY0407 4JB1
- BMY1303 4D55
- BMY0801 DW8
- BMY0408 4JJ1 4JK1
- BMY1201 YD25
- BMY0922 K7M
- BMY0921 K4M
- BMY1001 1.8 T
- BMY1402 1.9

As long as the engine RPM's, compressor pressure and horsepower increase, connecting surfaces deform after certain kilometers as the following image.

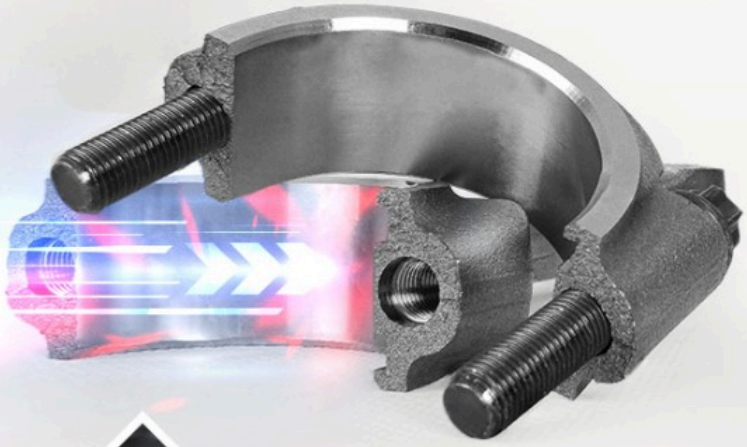


This deformation of the connecting surfaces can cause the following malfunctions:

1- Rapid wear of the bearing

2- Crushing of bearing

3- Rolling of bearings in connecting rod



1ST STAGE NM
2ND STAGE ANGLE °

With the system we developed, we automatically assemble the bolts with the AMT transducer torquing unit.

FOR PERFECT SURFACE QUALITY,

we grind a connecting rod with micron precision in an average of 7.8 seconds with parallel double disc grinder.