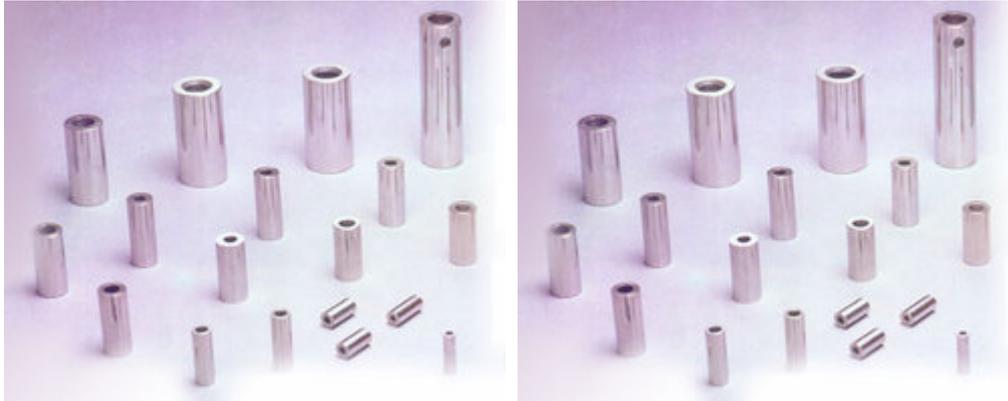


Gudgeon Pin

Gudgeon Pin/Piston Pin Gudgeon Pins and mostly in American nomenclature known as wrist pins, are an integral part of all types of internal combustion engines, Otto or diesel types, 2 strokes and 4 types. Gudgeon pin is a component to fasten the piston and the connecting rod severally and securely, but at the same time permitting enough play for the free angular movement of the connecting rod according to the requirements of kinematics of the engine assembly.



They are very essential for the carefree running of the engine and it depends upon the quality of the gudgeon pin whether an engine will live upto its designed life period of operation. The power generated by the combustion of inflamed gases is harnessed by the piston and transmitted further to the crank shaft via piston rod, in which the gudgeon pin plays a vital pivotal role.

Most of the gudgeon pins are hollow cylinders made out of special alloy steels having highly polished and hard outer surface to bear the wear and tear due to the to and fro motion of the piston shaft.

Gudgeon pins are used in scooters, motorcycles, mopeds, cars, lorries, trucks, locomotives, tractors, marine engines, refrigeration compressors etc.