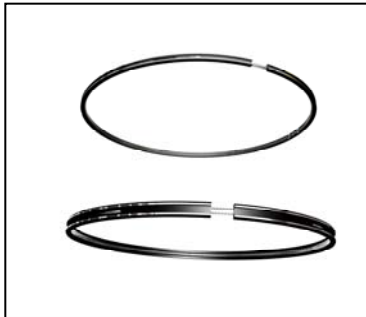


With the growing demand of engine maker and material, I-type section steel oil rings have been challenging the traditional cast rings. More and more thinner steel rings are used. At present, the axial height of I type steel ring is only 1.5mm, which is impossible for the traditional cast rings. The I type rings of ASIMCO Shuanghuan has been developed simultaneously with the engine development and have been supplied to well-known OEM.



## **Advantages:**

### **Oil Saving**

1. Light, only 20% weight of the cast rings at the same size.
2. Low friction work loss. Compared with cast rings, friction work loss decreased by 25% when area pressure is kept no change.

### **Green**

Modulus of elasticity E is 4-5 times of common alloy casting. Not fracturable.

Compared with cast rings, adaptability increased by 20%, attached to the cylinder liner at working condition, low oil consumption.

### **High intensity**

Lower the engine emission, CO decreased by 10%, CH decreased by 5%.