

Installing Piston Rings

When installing piston rings observe the "TOP" marking. The top marking as well as the inside bevel on the compression rings must be up or toward the piston crown. The first compression ring is made of a specially hard alloy and is distinguishable by the marking "E 120" next to the word "TOP". This ring must not be installed in the other grooves (Fig. 9).

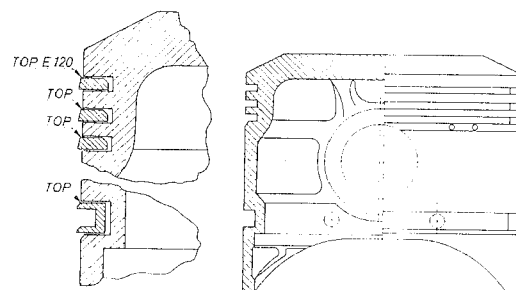


Fig. 9

Measuring Points and Markings of Pistons

1600 S-90 Engine

Nominal piston diameter 82.5 mm

Characteristic features:

Broad bevel around high piston crown.

Three compression rings above the piston pin and one oil control ring below the piston pin.

Nominal diameter measuring point at arrows "a" and "b".

For piston dimension see page SE 9.

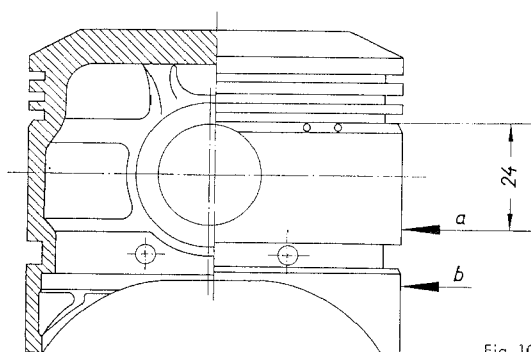


Fig. 10