

## The Haga-Altimeter



Up to now the distance from the object to the observation point had to be measured by hand. Where there is thick undergrowth or other obstacles this may be difficult and for this purpose a small optical rangefinder has been constructed which can be fixed easily to the Haga-Altimeter.

### Measure-Scale:



By turning the knob the different measure-scales will be visible.

If an object has to be measured which is likely higher than 52 yards, take the scale which equals the approximate height divided by two, for example the object is approximately 60 yards high: take the 30 yard scale and measure a base length of 30 yards multiply the figure given by the pointer also by two.

The 5th scale shows the height as a percentage of the distance and is useful for measuring the rise and fall of land.

**The Rangefinder of the Haga-Altimeter** makes this instrument a complete unit which can be used in any territory, plain or hilly, open or with thick undergrowth. It is a double image rangefinder in which the user sees 2 or more separate images.

### Method of use:

Button the lower plate to the tape for the distance required (15,20, 25 or 30 yards) and fix the plate with the hole by using a nail or a pocket knife to the tree.

Now move with the instrument until 2 of the 3 or 4 plates which you will see in the rangefinder cover each other. From this point measure the height of the tree.

The scale of the Haga-Altimeter should of course be turned according to the distance used on the tape.

