



Design

The HW permanent way gauge has been designed to give direct readings of gauge, superelevation or cant and side rail wear. It is particularly suitable for Engineers and Permanent Way Inspectors.

To reduce wear and so maintain a high degree of accuracy, the shaped end pieces are made of case-hardened steel.

Mounted on top of the gauge to give direct readings of superelevation is a specially designed spirit level. At the same end a spring loaded mechanism with calibrated scales both above and below the gauge gives direct readings of rail gauge. Side rail wear at a point $\frac{3}{8}$ " below the rail head can be readily obtained by taking a reading between the rail heads as in Fig. 1 then reversing the gauge as in Fig. 2 and taking a second reading. The different between these two readings gives the side rail wear at a point $\frac{3}{8}$ " below the rail head.

Rail Section

The gauge is designed to suit all rail sections and types are available for almost all rail gauges. Special calibrations and lengths can be made to order.

Tropical Gauge

It is very important that tropical type gauges are ordered when intended for use in extremes of temperature, as the spirit levels of these gauges are fitted with expansion chambers.

