

Rail Head Loss Gauge

Description:

The Rail Head Loss Gauge measures the amount of wear on the head of the rail. The gauges are available in both Imperial and Metric measurements and are available in the rail sizes found below.



Rail Wear Gauge:

The correct gauge should be used for the weight of rail being checked. Most gauges have two sets of markings, depending on rail size. These markings refer to the weight (Lbs. Per yard of rail).

When Measuring the Rail for Wear:

Ensure the correct model rail wear gauge is used.
Ensure the readings are from the correct set of markings.
Ensure the rail section being checked is relatively clean, and free of debris.
Ensure the points of the rail wear gauge that contact the rail are clean, and free of debris.
Do not over-tighten the knobs on the rail wear gauge.

Operation:

Ascertain the size of rail being measured.
With the correct model of rail wear gauge, adjust the gauge to have the correct running surface wear probe, the correct web locator pin, and the correct scale on the rail face wear probe.
Set the rail face probe and the running surface wear probes to the "0" marks on the correct rail size scales.
Place the rail wear gauge on the foot of the rail fitting the base of rail wear gauge into the contour of the foot of the rail and have the rail web locator contact the rail web. The wear gauge must be perpendicular to the rail.
Hold the rail wear gauge in this position, loosen the rail wear probe knob, and slide it until it contacts the railhead and re-tighten the knob. Do the same with the rail face wear probe so it contacts the rail gauge face.
Record the values from the correct rail size scale. This indicates the amount of wear on the rail.
Compare the wear readings with allowable limits. And then return the rail wear gauge to its protective pouch.

PART NUMBER	RAIL SELECTION	GAUGE READING
CO-116	132/136 AREA	Metric
CO-117	100/115 AREA	Metric
CO-118	100/115 AREA	Imperial
CO-147	132/136/141 AREA	Imperial
CO-148	133/136/141 AREA	Imperial
CO-150	112/115/119 AREA	Imperial
CO-122P	Protective Case	N/A

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