

ABTUS

HAND-HELD GAUGING

SIDE CUT GAUGE ABT 4090



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INSTRUCTIONS FOR USE

ABTUS 4090 - SIDE CUT GAUGE
[ABT 4090]
INSTRUCTIONS FOR USE

1.0 Rail head and sidewear gauge...

1.1 Description:

The gauge measures sidewear (mm) and headwear (mm) in a single, hand-held unit. Note that this gauge is not of a “Go, No-Go” type.

1.2 Identification:

This gauge has a part number; ABT 4090 and a serial number (example F2749). Each side cut gauge is specifically calibrated for use on one rail size (example 54kg). This rail type (weight) is shown on the web locator piece.

2.0 Use of gauge...

2.1 Selection of placement:

The rail, at point of measurement, must be free of raised weld or branding. Also, the rail must be clear of any excess loose rust, dirt and grease or any other object that might prevent the gauge making accurate contact with the rail web.

2.2 Holding the Gauge:

Best results are obtained when holding the gauge in the right hand.

2.3 Placement of gauge:

With a firm grip of the tool, the gauge should be introduced to the rail from the side and pushed up against the rail web. (The sidewear mechanism will automatically adjust as this is done) Flatness of the tool against the rail web is essential, but will be felt by the operator. The gauge should then be lowered until the top locating pin sits on the rail head.



2.4 Sidewear measurement:

Ensuring that the gauge body is located correctly (*para 2.3*) and that the lower corner of the pointer pin is in contact with the worn edge of the rail, the sidewear measurement, given in (mm) worn since new, is indicated by the top scale plate.



2.5 Headwear measurement:

Ensuring once again that the gauge is in contact with the head of the rail, headwear is indicated by the rear scale plate.

2.7 Removal of gauge:

The gauge should be removed outwards from the rail and with the ‘clear’ trigger pushed down.

3.0 Care of gauge...

3.1 Tool care:

Care should be taken to avoid dirt entering the tool mechanism, that may reduce spring effectiveness. The tool may be cleaned by wiping with a damp cloth. Thinners must not be used.