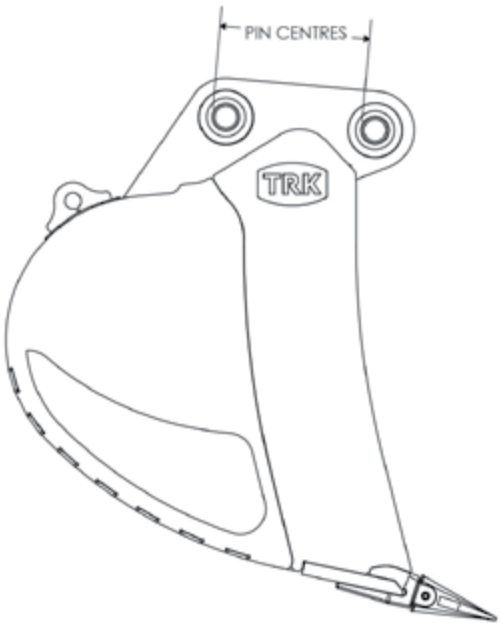
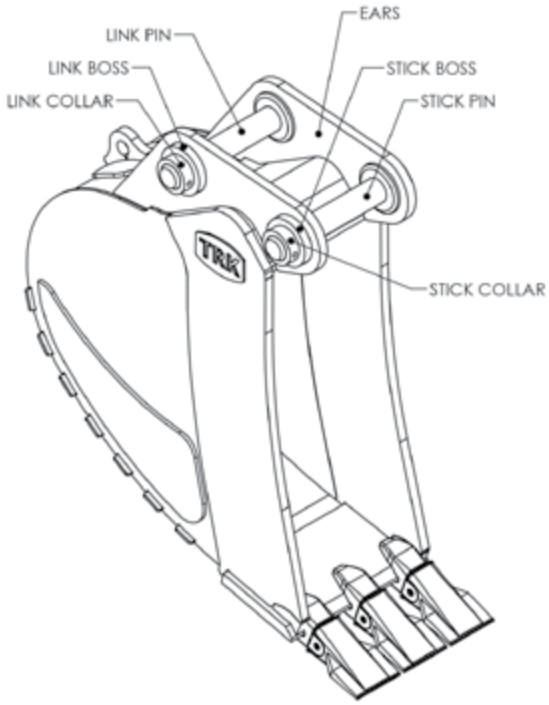
HOW TO ACCURATELY MEASURE YOUR ATTACHMENT LUGGING

Identification, Measurement and Acceptance Criteria





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1) Document Summary:

This guide explains how to accurately measure a standard pin lugging on an attachment.

2) Measurements Required:

Ensure the attachment is removed from the machine before measuring the lugging. Several key dimensions are required when measuring attachment lugging, including pin centres, boss spread. For attachments with a thumb pinned on, additional measurements are needed. Accurate measurements ensure that the lugging dimensions are recorded correctly.

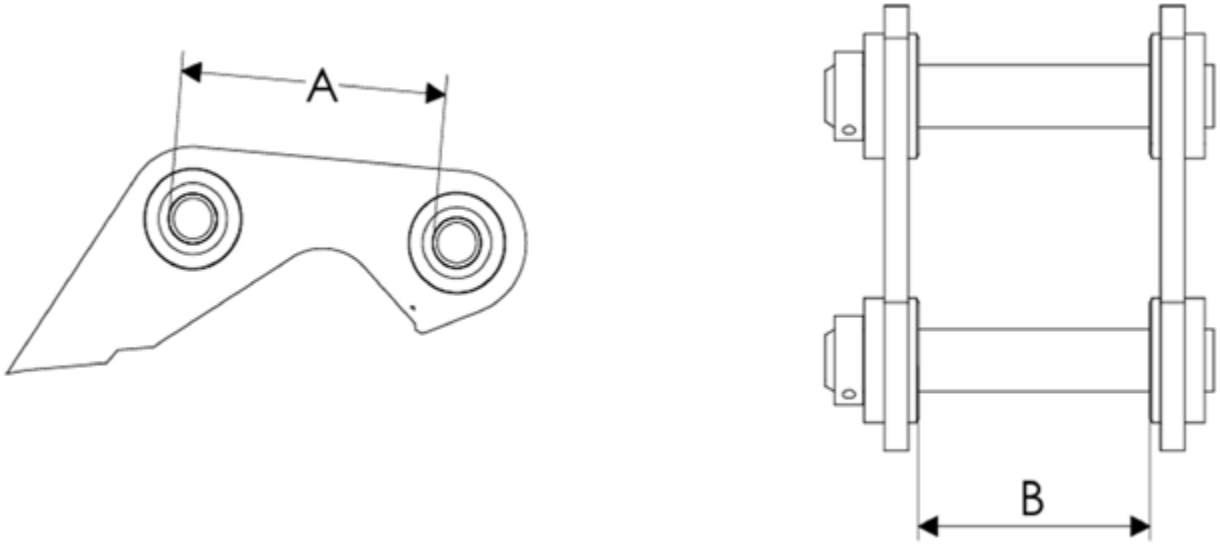

Figure 1: Required measurements on an attachment lugging without a thumb pinned on

3) Measuring Pin Centres:

Pin centres are marked as dimension A in the drawing. To measure the pin centres, measure the outer edge of one pin to the inside edge of the other pin, as shown in Figure 1. This method provides the centre-to-centre distance between two pins accurately without requiring the need to locate the pin centres manually.

4) Measuring Boss Spread:

Boss spread is marked as dimension B in the drawing. Measure the inside face of one boss to the inside face of the opposite boss, as shown in Figure 1.

5) Attachments with a Thumb:

For attachments that have thumb pinned on, additional measurements are required. Record the measurements indicated in both Figure 1 and Figure 2.

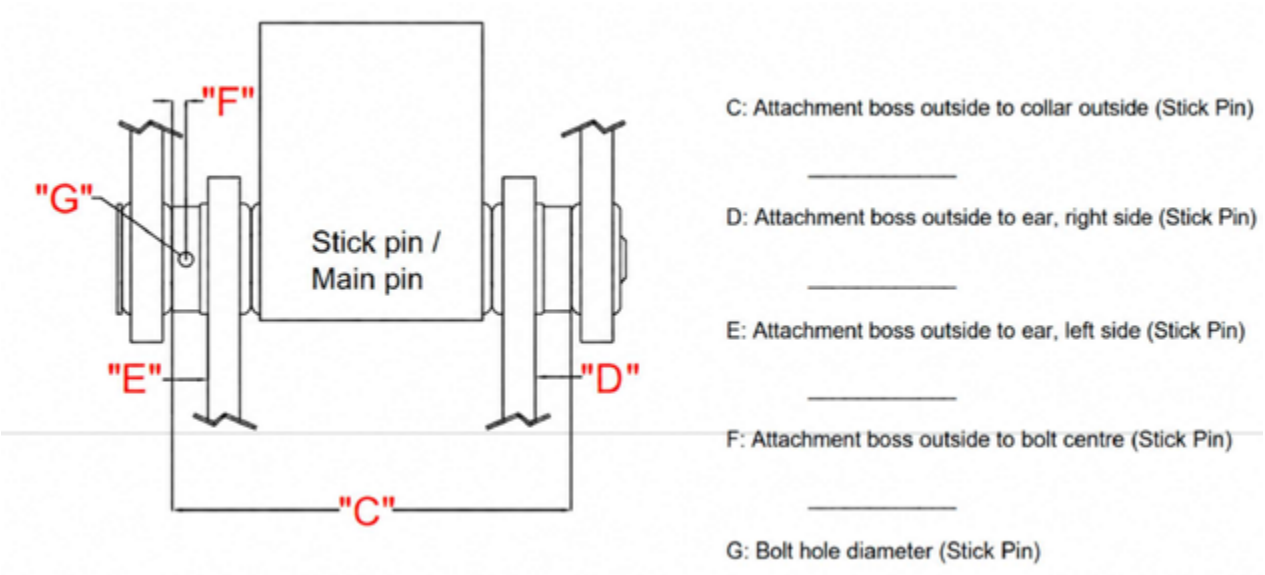

Figure 2 – Required measurements on an attachment lugging with a thumb

6) Measuring Attachment Boss to Collar:

This Measurement is marked as dimension C in the drawing. Measure from the outside face of the boss to the outside face of the collar on the opposite side as shown in Figure 2.

7) Measuring Attachment Boss to Right Ear:

This measurement is marked as dimension D in the drawing. Measure from the outside face of the right attachment boss to the outside face of the right ear, as shown in Figure 2.

8) Measuring Attachment Boss to Left Ear:

This measurement is marked as dimension E in the drawing. Measure from the outside face of the left attachment boss to the outside face of the left ear, as shown in Figure 2.

9) Measuring Attachment Boss to Bolt Centre:

This measurement is marked as dimension F in the drawing. Measure from the outside face of the boss on the left to the bolt centre, as shown in Figure 2.

10) Measuring Bolt Hole diameter:

This measurement is marked as dimension G in the drawing. Measure the hole diameter on the boss on the left side, as shown in Figure 2.

11) When to contact TRK Attachments:

Contact TRK Attachments if unsure about how or where to take a measurement, or if the attachment lugging differs from the examples shown in this guide.