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How to Measure Attachment Lugging

Lugging Measurement Guide for Standard Pin Lugging

Product: Lugging

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Contents

1) Document Summary:	1
2) Measurements Required:	1
3) Measuring Pin Centres:	2
4) Measuring Boss Spread:	2
5) Attachments with a Thumb:	2
6) Measuring Attachment Boss to Collar:	3
7) Measuring Attachment Boss to Right Ear:	3
8) Measuring Attachment Boss to Left Ear:	3
9) Measuring Attachment Boss to Bolt Centre:	3
10) Measuring Hole diameter:	3
11) When to contact TRK Attachments:	3

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 below illustrates the measurements required for attachments without a thumb pinned on:

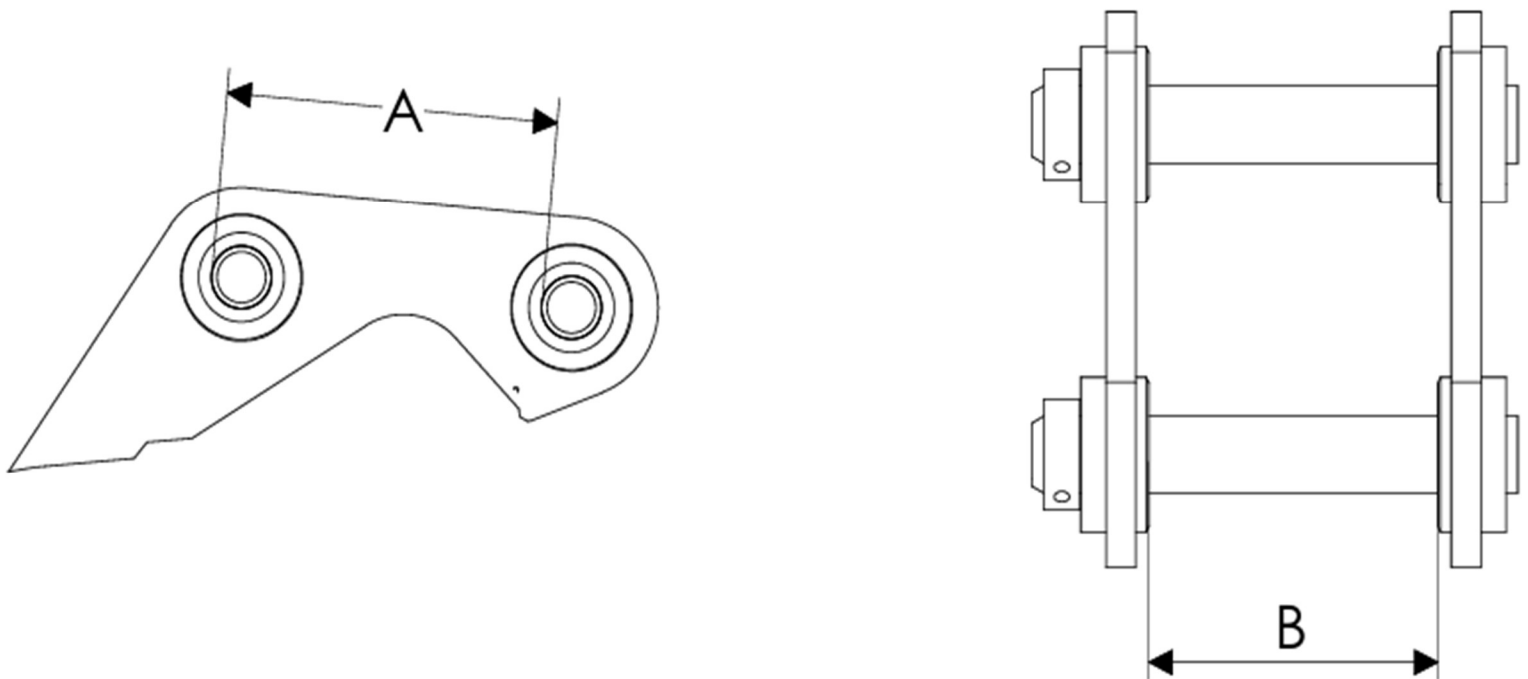


Figure 1: Required measurements on an attachment lugging without a thumb pinned on

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.

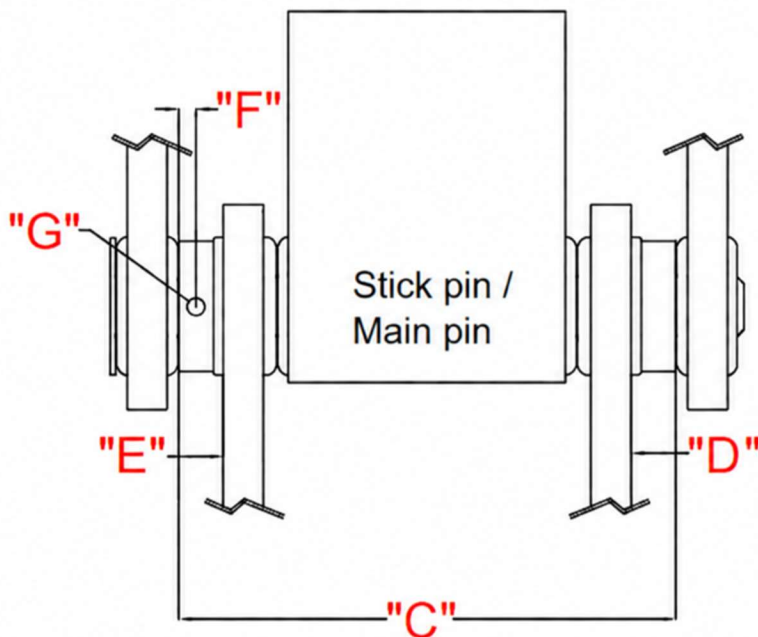
4) Measuring Boss Spread:

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 below illustrates the additional measurements required for attachments with a thumb:



C: Attachment boss outside to collar outside (Stick Pin)

D: Attachment boss outside to ear, right side (Stick Pin)

E: Attachment boss outside to ear, left side (Stick Pin)

F: Attachment boss outside to bolt centre (Stick Pin)

G: Bolt hole diameter (Stick Pin)

Figure 2 - Required measurements on an attachment lug with a thumb pinned on

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.