

Alligator® Rivet Application Gauge



Installing Alligator® Rivet is very easy, but there are several questions that are asked when preparing the belt for a splice. Flexco has addressed these questions with the Alligator® Rivet Application Gauge. This gauge will ensure that your belt is properly prepared for the fastener strip and that the splice is properly compressed onto your belt.

1. Does the impression top need to be removed? What do you use to remove the impression top? If you are using a belt with an impression top (mini rough, chevron or diamond top) you must remove (skive) the impression top. The chevron and mini rough top can be removed using a Rough-Top Skiver, the diamond top can be removed with an Alligator® Belt Grinder.

2. How much impression top do I remove? The gauge will tell you when you have removed enough impression top to allow for proper installation of the Alligator Rivet fastener. When the gauge can be placed on the belt and can slide across the width without encountering resistance then the belt has been properly skived. If the gauge cannot be inserted onto the belt then additional impression top must be removed.



3. Can you remove too much impression top? Yes! A belt can be skived too thin. A belt that is too thin may not allow for the rivets and fastener strip to be compressed enough. If there is a gap between the belting and the gauge, the belt end must be cut off and the belt must be skived again.

4. How far back onto the belt should you remove the impression top? The skived portion of the belt must fit entirely into the gauge. If the gauge does not fit entirely on the skived portion of the belt you must remove more of the impression top.

5. How do you know when the fastener is installed correctly? Installing Alligator Rivet requires striking the fastener strip several times with a 1 lb. hammer. The gauge should slide easily onto your fastener strip after installing. If the gauge does not slide over each plate the fastener strip needs to be placed in the tool and struck several more times to ensure proper compression.



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