



Miter Attachment Instructions

#KMS7831

The Kreg Miter Attachment is designed to support the mitered end of a board so that the Sharp point is not damaged. It is a simple but very efficient tool. The miter fixture is positioned between Swing Stop™ arm and the saw blade as shown in figures 1 and 2.

The extruded aluminum piece has a slot machined on the side which accepts the head of a bolt which secures it to the arm of a stop as shown in figure 3.

An additional feature is that the miter fixture helps to maintain contact between the board and the fence helping to straighten warped or curved boards.

The patent pending design is elegantly simple, and boards can easily be cut with either the “point in” or the “point out” as shown in figures 4 and 5.

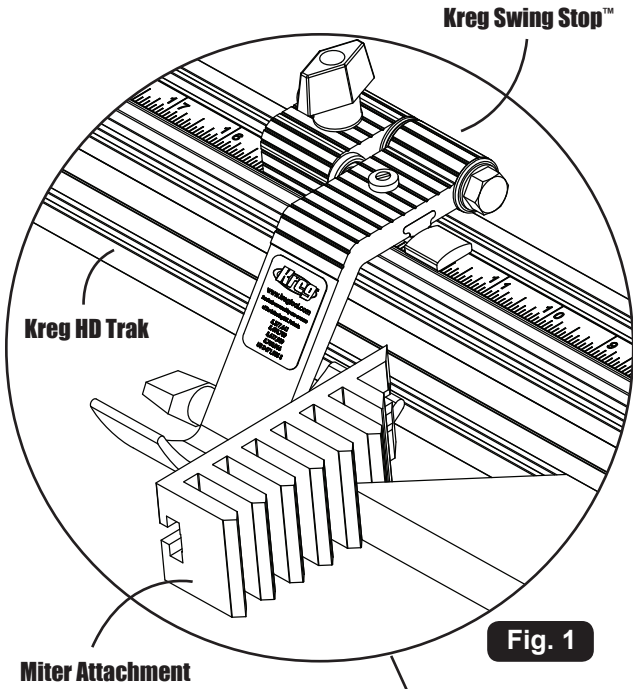


Fig. 1

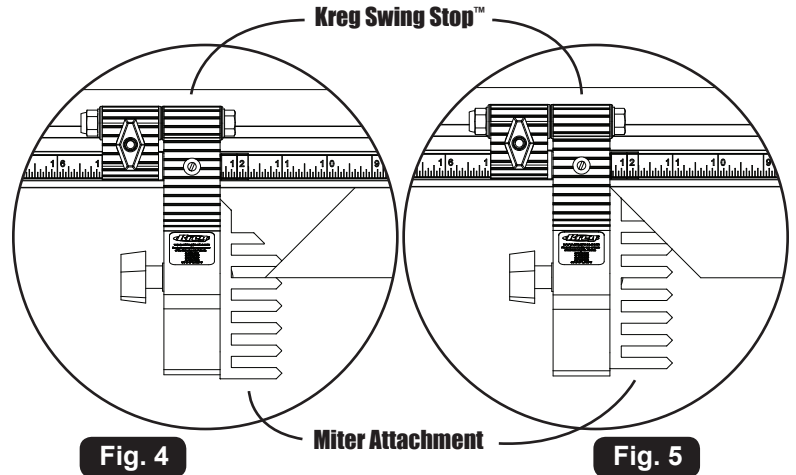


Fig. 4

Fig. 5

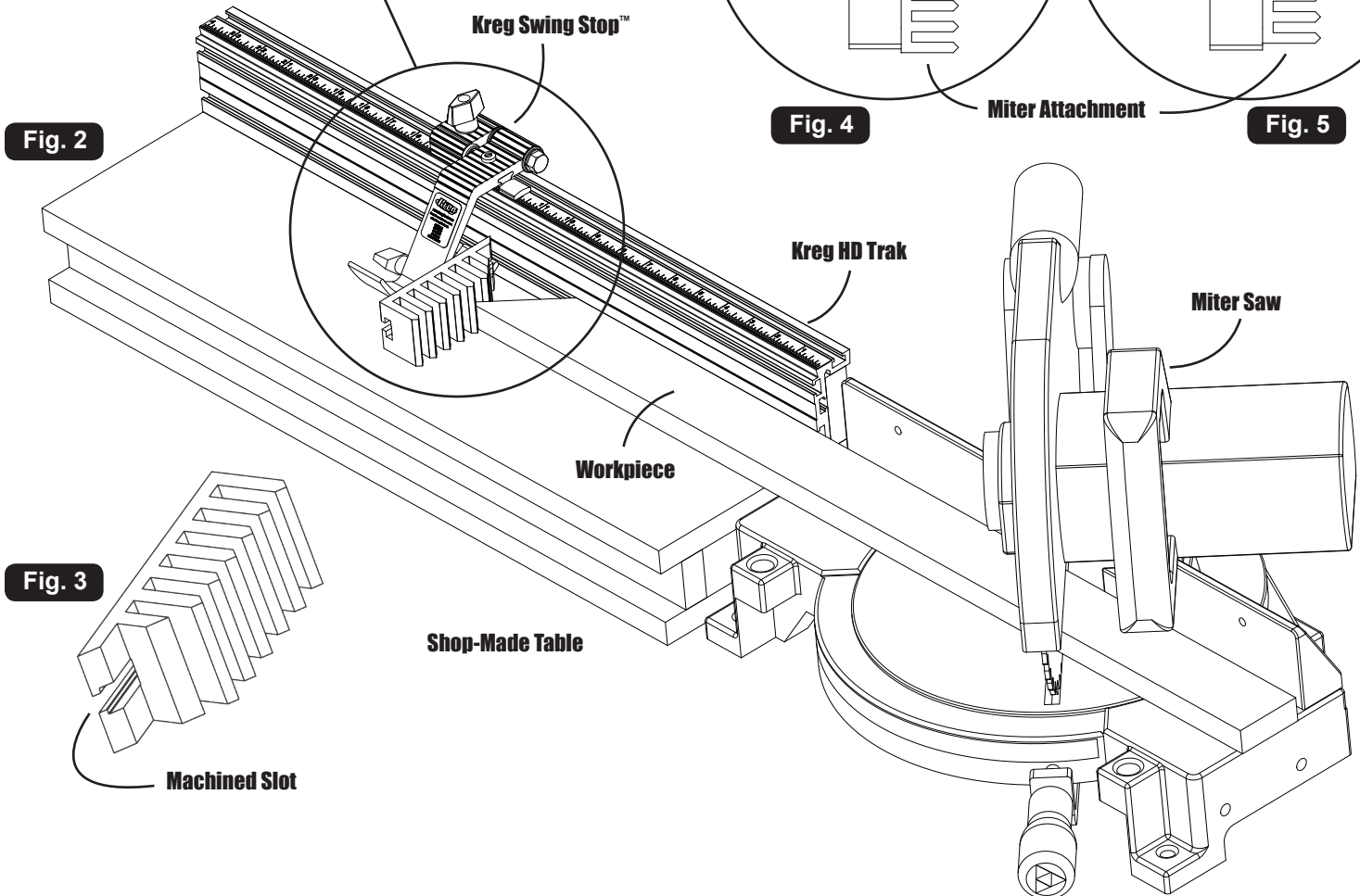


Fig. 2

Fig. 3

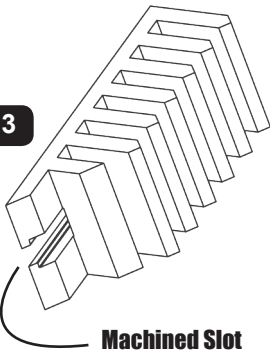


Fig. 6

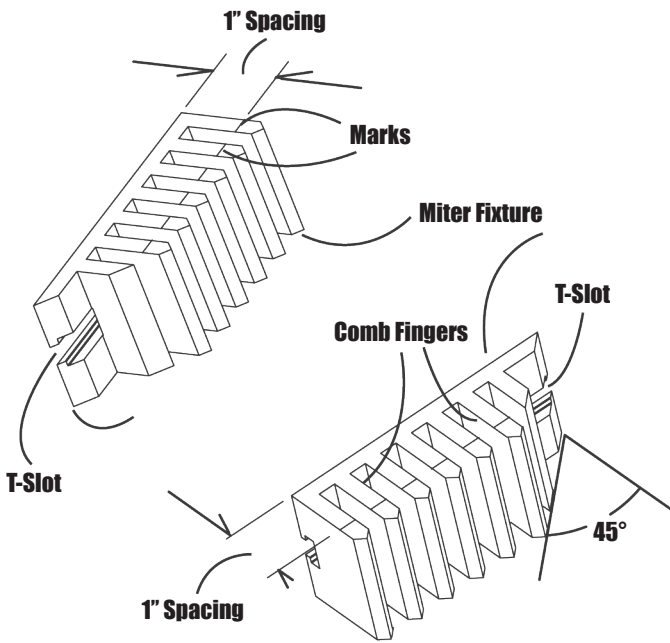
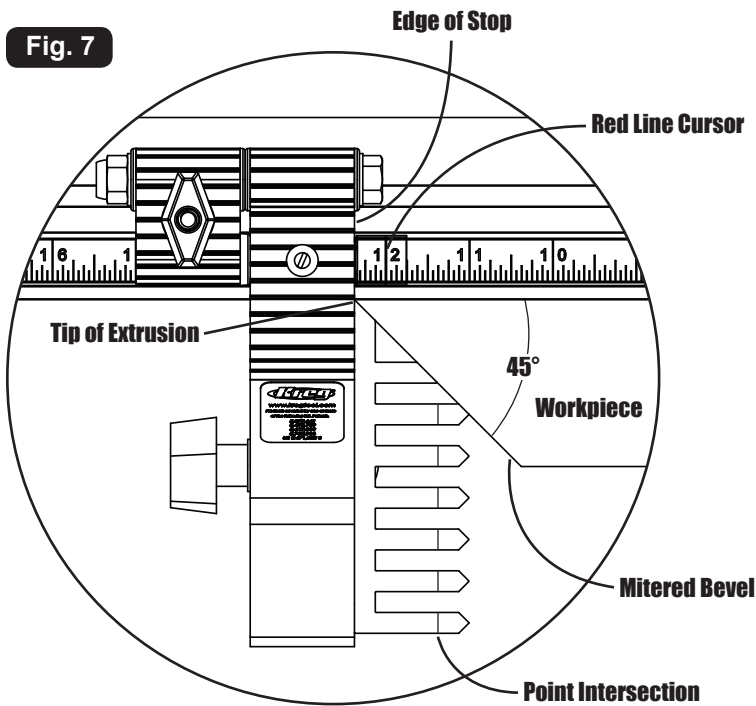


Fig. 7



The Miter Attachment is a comb shaped extrusion with a T-slot machine opposite the pointed comb members as shown in figure 6.

The "point intersection" shown in figure 7 is exactly a distance of 1" from the line on the stop cursor.

Protected by one or more of the following U.S. Patents: #5,337,641, #5,493,789, #5,617,909, and #5,768,966. Other patent applications are pending or granted.

Fig. 8

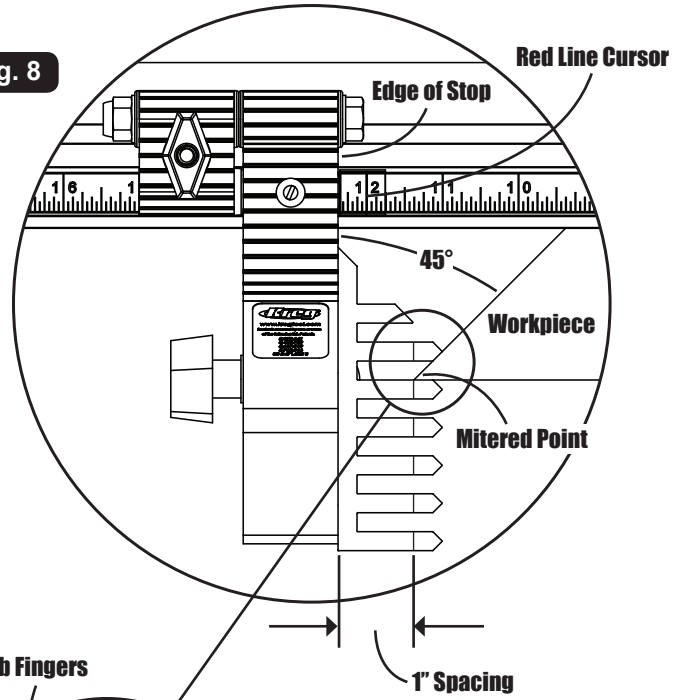
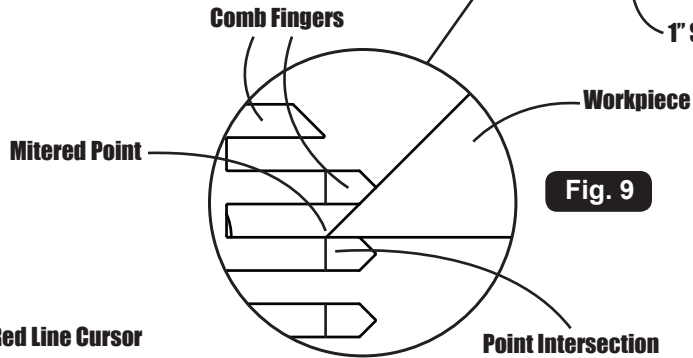


Fig. 9



The Miter Attachment allows boards to be measured to the length and easily be cut with either the "point-in" or the "point-out" as shown in figures 7 and 8.

When you use the Miter Attachment with the "point-in", as shown in figure 7, the tip of the comb extrusion should be positioned so that it contact the fence. The flat side of the mitered workpiece contacts the fence and the mitered bevel contacts the Miter Attachment.

Figure 8 shows the mitered workpiece in the "point-out" position. Figure 9 shows that the tip of the mitered workpiece is captured between the comb fingers and lines up with the "point intersection".