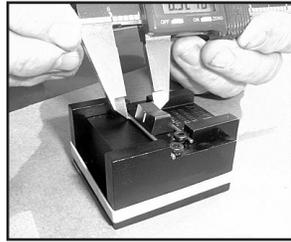
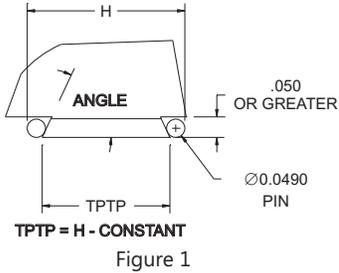


MEASURE the **MALE DOVETAIL** of the sight as follows:

1. Slide the inner block out far enough to allow dovetail portion of sight to be inserted between pins.
2. Gently close the block on sight to get the pin/dovetail relationship shown in Figure 1. (HINT: Placing a rubber band around the fixture will hold the block and the base together against the sight's dovetail and allow both hands to be free to take a measurement.)
3. Using calipers, measure "H" outside the pins as shown in Figure 2.
4. Determine the angle of your sight's dovetail with a protractor or dovetail gauge.
5. Note the constant corresponding to the MALE DOVETAIL ANGLE from the following list:

45°/.0693	60°/.0773	65°/.0802	67°/.0814
70°/.0833	72°/.0846	75°/.0866	
6. **SUBTRACT** this constant from the "H" measurement (step 3) to get the Theoretical Point To Point ("TPTP") value for the MALE DOVETAIL.



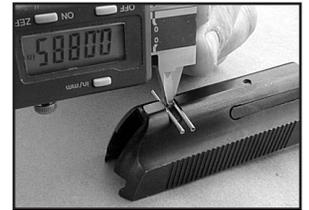
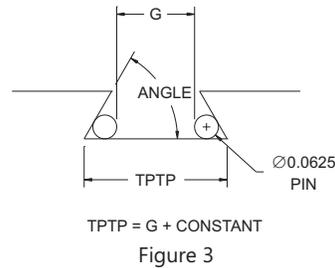
Subtract the Female TPTP from the Male TPTP to calculate how much metal can be removed from the dovetail.

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MEASURE the **FEMALE DOVETAIL CUT** as follows:

1. Slide the gauge fully open. This aligns the pin storage hole on the side of the gauge with the access hole. Tip the gauge sideways and shake to remove the pins.
2. Place the two loose pins (.0625 diameter) provided with the kit into the dovetail cut where the sight is to be mounted
3. With calipers, measure "G" between the pins as shown in Figure 3 & 4.
4. Determine the angle of your sight's dovetail with a protractor or dovetail gauge.
5. Note the constant corresponding to the FEMALE DOVETAIL ANGLE from the following list:

45°/.2134	60°/.1708	65°/.1606	67°/.1569
70°/.1518	72°/.1485	75°/.1440	
6. **ADD** this constant to the "G" measurement (Step 3) to get the Theoretical Point To Point ("TPTP") value for the FEMALE DOVETAIL CUT.



Subtract the Female TPTP from the Male TPTP to calculate how much metal can be removed from the dovetail.

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