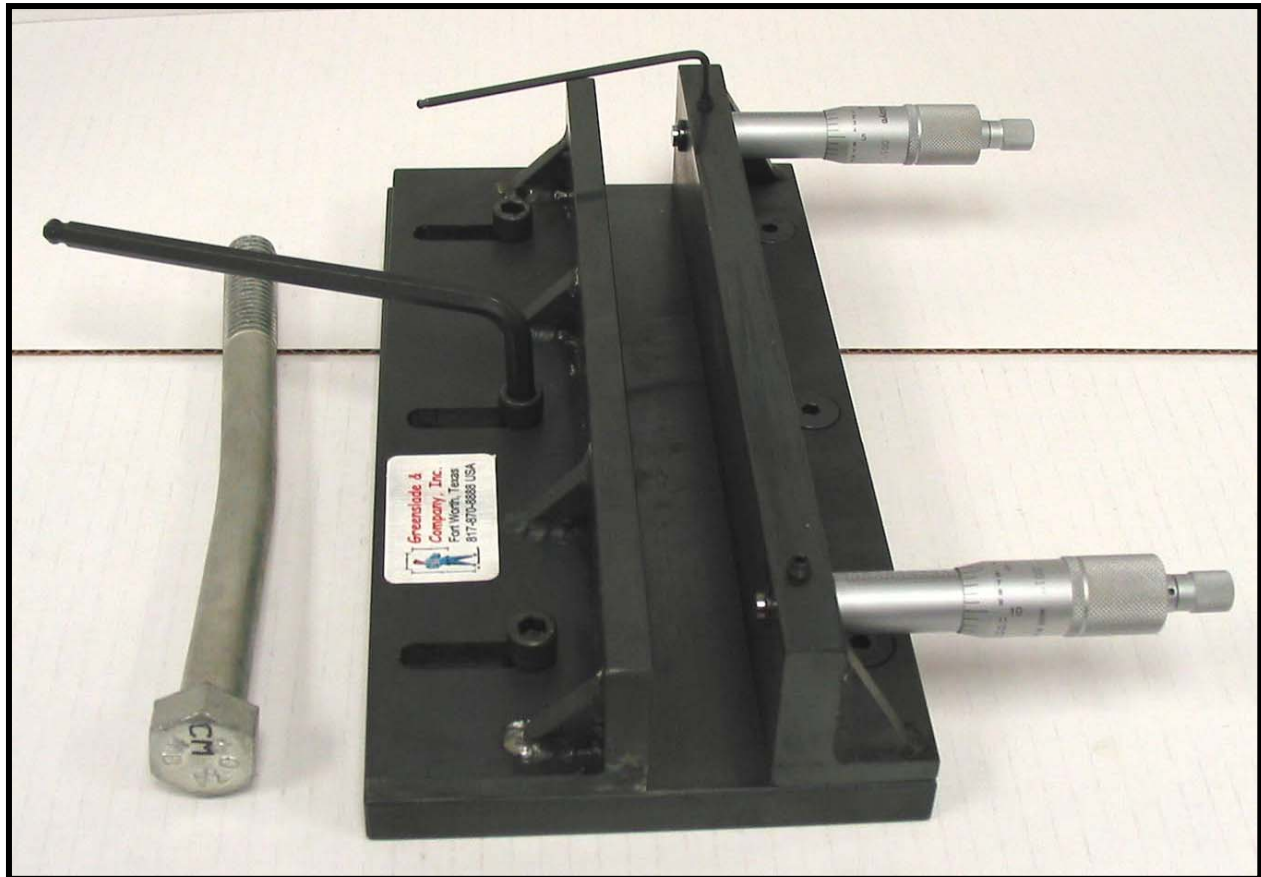




Rail Type Straightness/Camber Gage Ref. ASME B18.2



This gage is used to inspect for the straightness or camber in a bolt or screw. The allowance for bend or camber is specified in the various product standards.

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Set up and use procedure:

1. Insert the micrometer heads into the stationary side of the gage as far as they will go with the numbers facing 12 o'clock and set the micrometer head to ZERO.

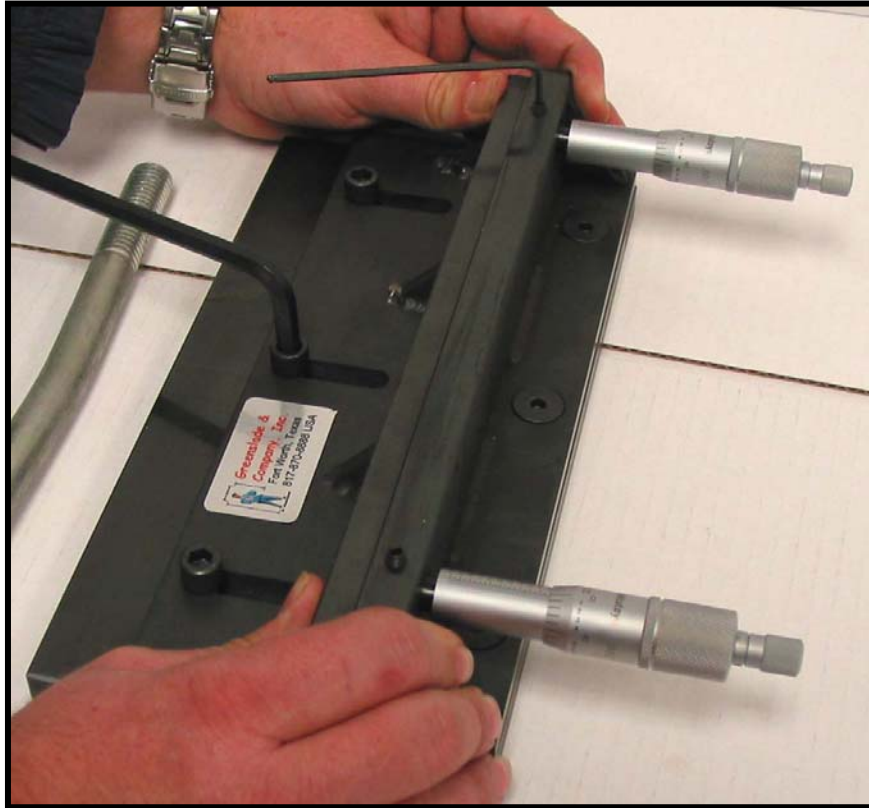


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2. Firmly press the moveable side against the stationary side of the gage. Tighten the set screws to hold the micrometer heads in proper position. The thimble should rotate freely. If it feels tight loosen the set screw slightly.



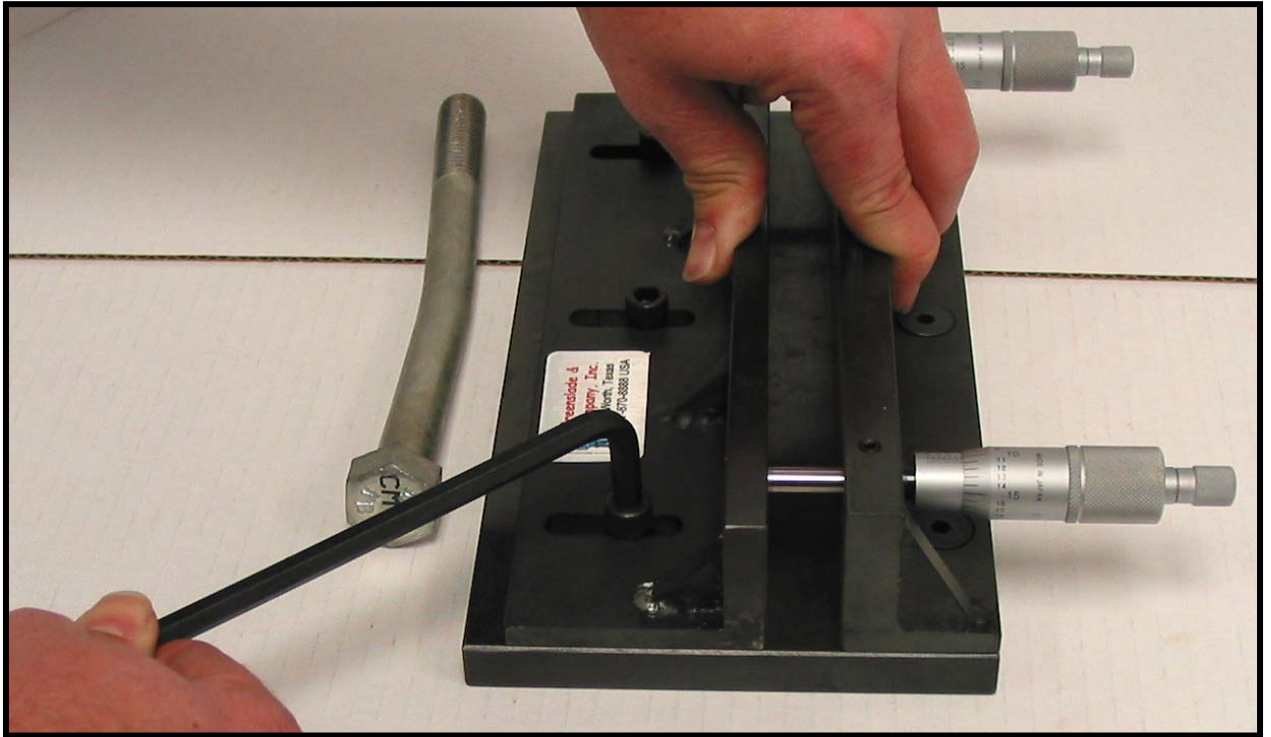
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3. To inspect a part slide the moveable side away from the stationary side and set both micrometer heads to the allowable camber for the part which is being inspected.



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4. Press the movable side firmly against the ends of the micrometer heads and tighten the three lock down screws to affix the moveable side into place.



5. To inspect the part slide it in from either end of the gage to the position where two diameter lengths of the part remain outside the gage. If the part will rotate a full 360 degrees the part is acceptable for straightness or camber.



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