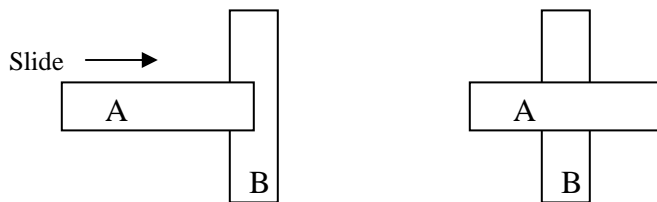
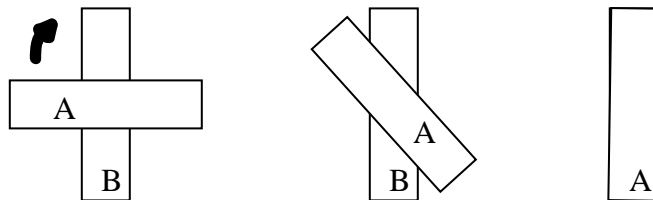


## How to Wring your Gage blocks

1. Make certain the surfaces are clean and demagnetized before wringing.
2. Prepare the gage blocks. Blocks should be clean and free from nicks or burrs. Wipe the blocks on a soft, lint-free cloth or chamois that has been slightly moistened with light oil. Wipe again on a clean, dry portion of the cloth or chamois. This will leave a very thin coat of oil on the block.
3. Holding the blocks together at right angles to each other, making the first gage block (A), contact gage block (B) at the centers of its gauging surface. While applying light pressure, slide block A across the surface of block B, as shown below. If you feel any bumps or scratches, immediately stop. Re-inspect the blocks and make sure they are free from nicks, burrs, and any other contaminants. As you slide block A across block B you should feel a slight clinging or attraction between the two blocks.



4. The next step is to rotate block A onto block B, while maintaining light but firm pressure. Rotate until the blocks are rotated exactly on top of each other. After being rotated into place the blocks should adhere to each other strongly.



5. If the blocks do not adhere to one another there may be a problem with the geometry of one or both of the blocks. If you have difficulties wringing the blocks you may want check the gauging surface of the blocks with an optical flat. Only blocks with flat surfaces will be able to be wrung.
6. A.A. Jansson is one of the few gage block laboratories in the United States that reconditions the gauging surface, as part of the calibration process. Each block is hand lapped in our reconditioning process to assure the best possible finish and geometry. This improves the wringability of the gage blocks, and their usefulness when wringing is required.



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