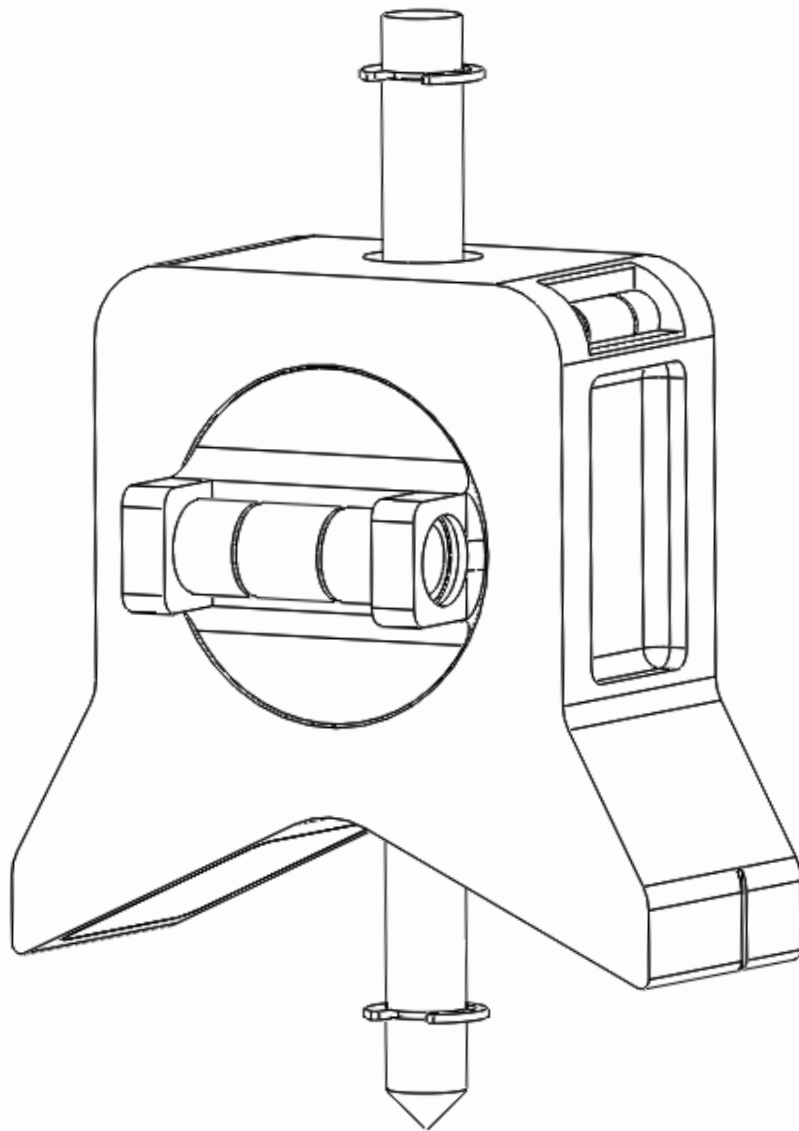


# SST



PIPE CENTER PUNCH

SST011

# GETTING STARTED

## BASICS OF USE

1. Apply the punch to any round pipe, securely placing the punch body [B] onto the surface
  - a. The magnets [F] should secure the punch against any ferrous work pieces
2. Adjust the dial [C] to the desired angle by aligning the arrow with markings on the body
3. Ensure XZ bubble level [D] is centered, indicating the correct angle has been reached
  - a. Inspection of the YZ bubble level [E] will indicate the punch's alignment, parallel to the direction of the pipe
4. Align the punch alignment mark [J] with the desired position of the punched hole
5. Securely holding the punch via the finger pockets, strike the top of the punch pin with a hammer
6. Remove the punch from the work piece and congratulate yourself for a job well done

## ADJUST DIAL RESISTANCE

1. The dial uses two adjustment screws on opposing sides of the body to provide variable resistance to turning the dial.
  - a. To increase resistance: tighten dial adjustment screws [H]
  - b. To decrease resistance: loosen dial adjustment screws [H]
2. Note that occasional adjustment of the screws may be required, as the nylon tipped screws settle into the dial's groove.
3. If rotating the dial results in noise or vibration, applying additional resistance to the dial via tightening the adjustment screws will usually resolve the issue.

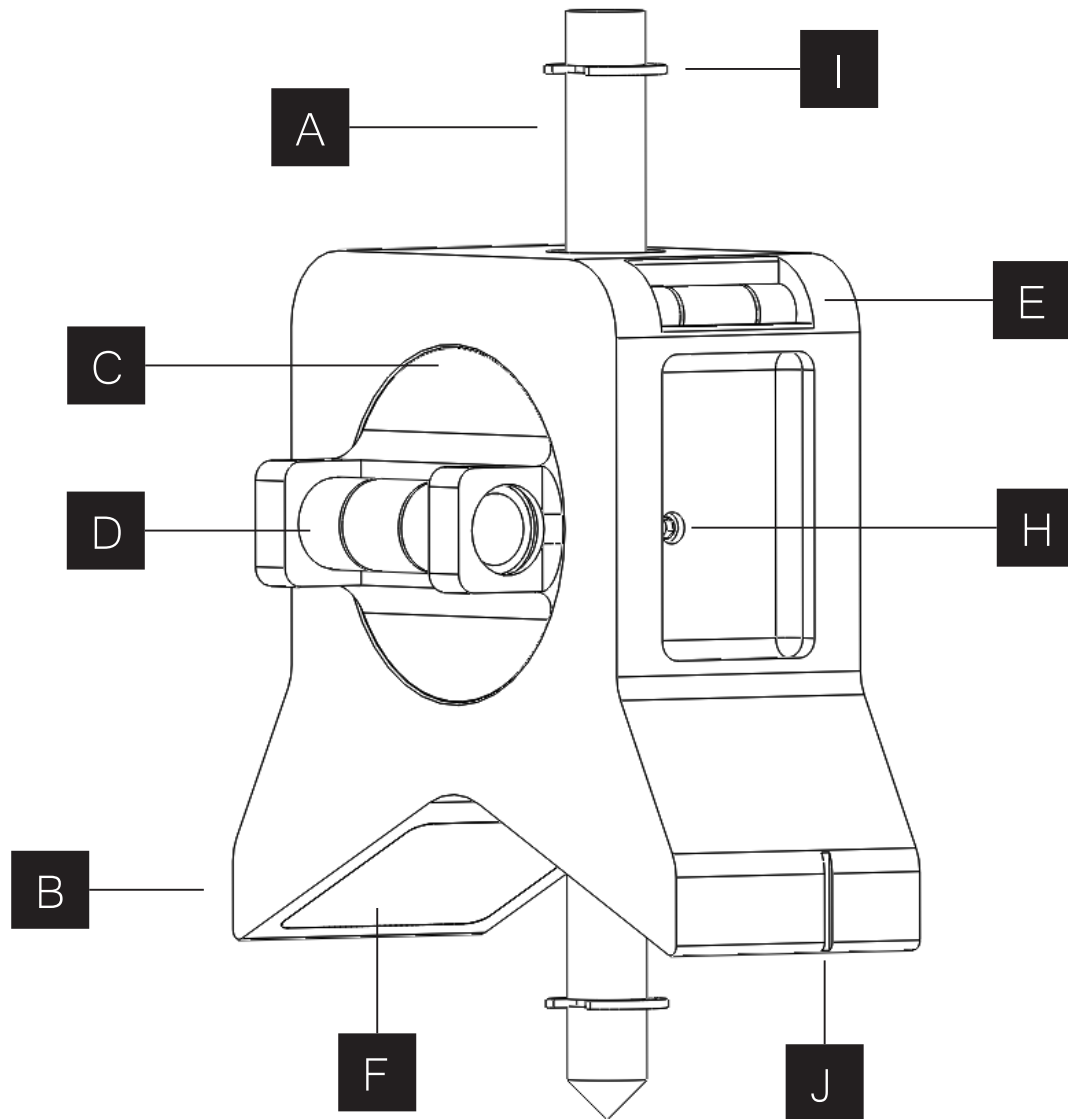
## SHARPENING PUNCH PIN

1. Remove the hardened steel punch pin [A] by releasing the two retaining clips [I]
  - a. A pair of pliers or a flat head screwdriver can be used for removing clips
2. Insert the punch pin into a hand drill, with the pointed side facing outwards.
3. Using a fine grit abrasive (sand paper, or ideally a belt sander), sharpen the punch pins point by spinning it in the drill while applying pressure to the abrasive.
  - a. Using the drill to sharpen will ensure the point remains centered on the pin.
4. Re-install the punch pin into the body [B] and insert retaining clips into their grooves.



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## SST011 COMPONENT LIST

A - PUNCH PIN  
B - PUNCH BODY  
C - DIAL  
D - XZ BUBBLE LEVEL  
E - YZ BUBBLE LEVEL

F - MAGNET COVERS  
H - DIAL ADJUSTMENT SCREWS  
I - RETAINING CLIP  
J - PUNCH ALIGNMENT MARK

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