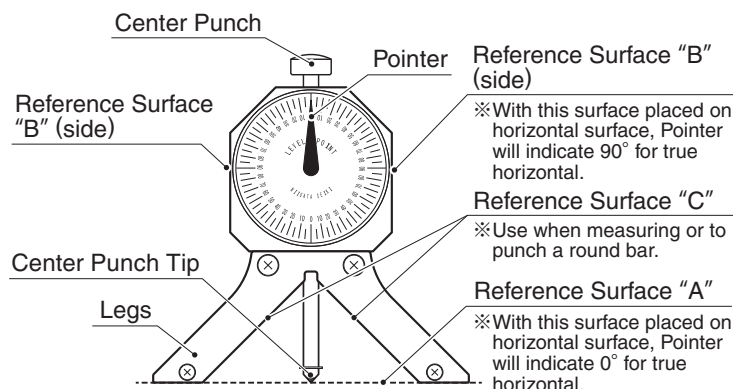


Thank you for purchasing the Level Point Gauge.
Please read this manual thoroughly before use for proper operation.

■ PART IDENTIFICATION



■ APPLICATIONS • FEATURES

- For measuring and punching points at precise angle along the circumference of round stock.
- Quick, direct reading of angle.
- Measure any angle from horizontal or vertical position.
- Carbide tipped Center Punch.
- Magnetic legs for hands free operation.
- Use for machining, welding, and affixing instrumentation to bars and pipes.

■ SPECIFICATIONS

- Measuring Range : 0~360°
- Graduations : 1°
- Accuracy : Less Than 1°
- Operating Temp. Range : 0~40°C
- V-Base Diameter Range : $\phi 20 \sim 100\text{mm}$

■ OPERATION

1 As a Level

- ① Attach LevelPoint to surface to be measured using the legs or a reference surface. Can be used horizontally, or vertically. (Figure:1)
 - ② Adjust slope, using the 0° and 90° markers for guidance.
- Use for setting angle when positioning items such as piping, conduit, support structures, and control panels.

2 Angle Measurement

- Place the LevelPoint legs onto the surface to be measured, and the Pointer will indicate the slope.

3 Setting the Angle of a Component

- ① Place the LevelPoint legs onto the surface of you want to align.
 - ② Adjust to desired angle using the Pointer as reference. (Figure:2)
- For Iron and Steel parts, the magnetic legs will hold to the surface allowing both hands free for work.
 - Useful for setting angle of parts when plumbing, welding, grinding, mounting glass, etc.

4 Marking the Angle On a Cylinder

- ① Secure the bar or cylinder to be marked in a horizontal position.
- ② Place the levelPoint onto the cylinder, and adjust the until the Pointer indicates the desired angle.
- ③ The tip of the Center Punch will point to the angle along the cylinder surface. (Figure:3) (Figure:4)

⚠ CAUTION

- When marking a point, gently tap the center punch with a hammer. Strong blow to center punch may damage internal mechanism and affect accuracy.
- Never use center punch to drill or punch through surface.

- In this way, it is easy to mark a point at any angle.
- Ideal for drilling, milling, riveting and welding operations.

■ NOTES

- This is a precision measurement instrument, handle with care. Please do not drop or subject to excessive forces.
- Do not loosen screws or attempt to disassemble.
- To mark surface, gently tap Center Punch. Never strike punch with strong force.
- Holding power of magnet will vary depending on workpiece. Test for sufficient holding force before use to insure instrument does not fall.
- Keep away from precision instruments, watches, etc. and any devices that can be damaged by magnet.
- Do not use or store in places subject to direct sunlight, extreme temperate fluctuations, high humidity, or high levels of dust. Also, Keep away from water and oil. Keep out of reach of children.
- After use, wipe with soft cloth to remove any dust or debris and return to storage case.
- Use only as directed. Improper use may cause accident or injury.

