



3D Point Finder

Nissin

Non-Magnetized Stylus with Tungsten Carbide ball

The best edge finder in the market today.

The all new Pioneer edge finder has an improved light source for better visibility, with a 500 times more sensitive built-in electronic circuit over other conventional edge finders. This is the best 3-dimensional edge finder you can find in the market today.

Magnet-free Stylus

- No measuring error due to magnetized stylus and work piece.
- Chips will not stick to the stylus ball.
- No need for demagnetizing and replacement of magnetized stylus.

Tungsten carbide 6mm ϕ steel ball

- Tungsten carbide has nearly 70% less resistance than conventional steel ball, improving light visibility.

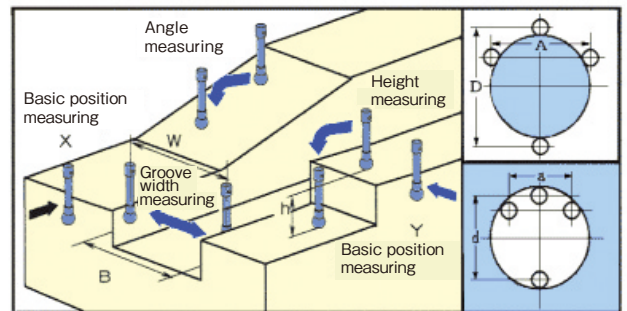
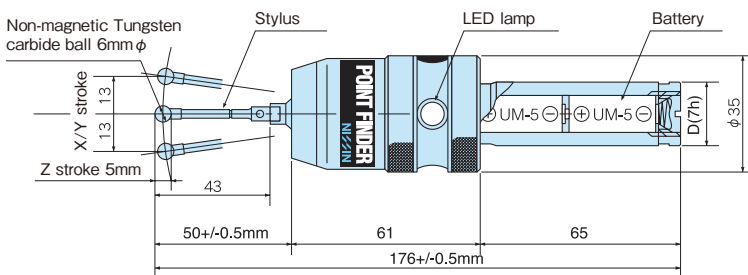
+/- 0.001mm detecting accuracy

+/- 0.0005 repeatability

Ferrous or non-Ferrous material

Other features

- Ample over-travel safety stroke $\pm 13\text{mm}$ on X/Y and $+5\text{mm}$ on Z axis. These safety strokes are twice as much as other conventional edge finders.
- LED emits light in 4 directions.
- Battery life is approx. one year, subject to the condition of use.
- Screw type stylus for easy replacement.



PART NUMBER	SHANK SIZE D	BATTERY
PTN-20	20mm	Manganese UM-5(2pcs)
PTN-32	32mm	Manganese UM-5(2pcs)

PTN-i for plastics, ceramics, wood, etc.

Point Finder i series Model PTN-i is also available. It has internal contact point and can be used on machines with ceramic spindle, for edge-finding on non-ferrous material, wood, glass, plastic, ceramics, etc.

*Please contact us for details on PTN-i.