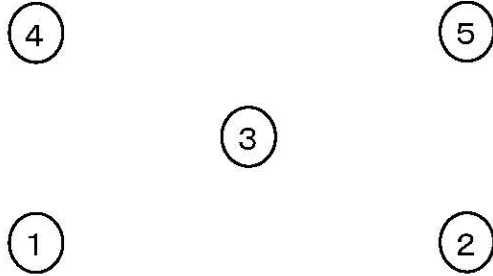
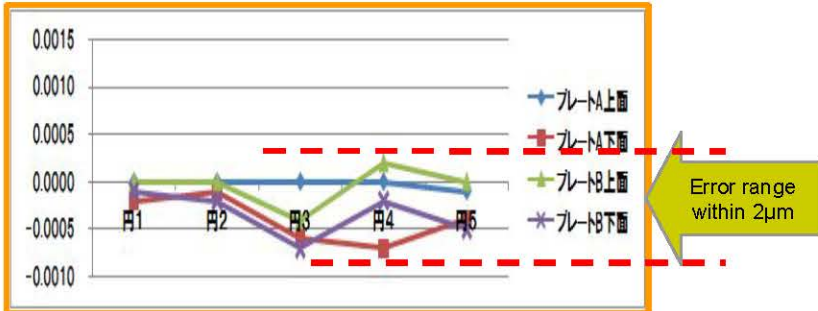
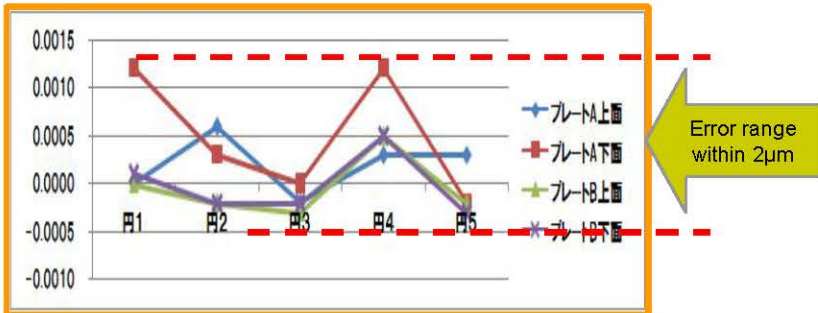


Pitch accuracy of 2 plates fitting



Workpiece material : SKD-11
 (Quenched and sub-zero treatment applied)
 Workpiece thickness : 20mm
 Number of cuts : 5
 Wire diameter : φ0.2mm
 Installation environment:
 Room temperature 22°C±0.5°C
 Water temperature 22°C±0.2°C

Pitch accuracy

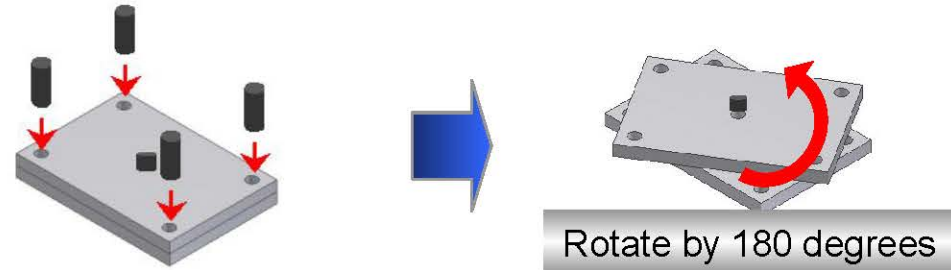


●●Challenge to no jig grinding process●●

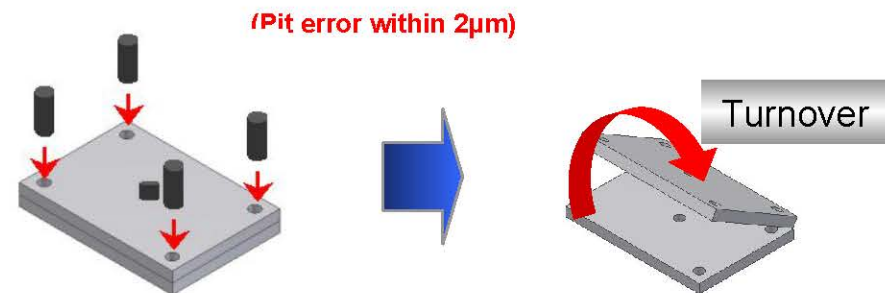
• Jig grinding work after wire cutting takes much time even if the experienced worker does.

• **In order to prove that the high-precision cutting by wire cutting reduces time for other processes, we made plates shown below.**

➢ The clearance between a cutting hole and pin gage is 1µm to 2µm in its diameter.



➢ The distance between the each holes and location are proven equivalent by turning over the upper plate (A) of the 2 plates and inserting the pin gages.



➢ Moreover, the verticalness of the each hole are proven by rotating the upper plate (A) of the 2 plates by 180 degrees and inserting the pin gages.

(The difference between upper plate and lower plate is within 1µm.)

The high-precision cutting reduces other processes and cut the running costs!