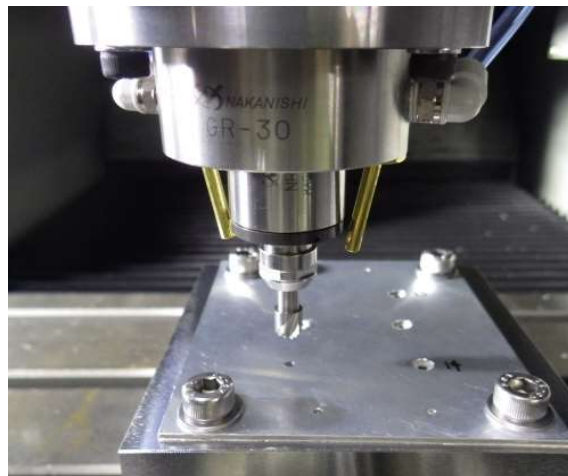
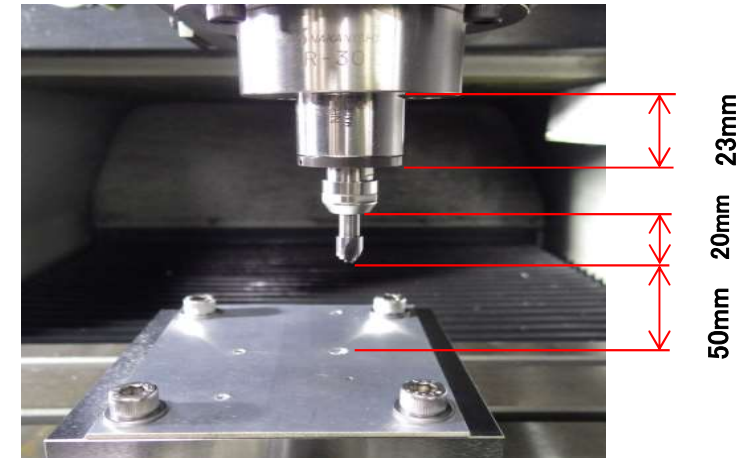


# NR-3060S/EM-3060J $\phi$ 6.0mm Drilling Application (Aluminium composite)

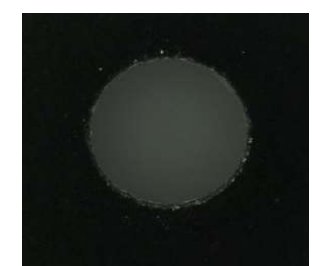
|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| Motor Spindle      | NR-3060S/EM-3060J/E3000                                                                                      |
| Machine            | Sodick MC (MC430L)                                                                                           |
| Tools              | $\phi$ 6.0 custom-made Carbide Drill                                                                         |
| Work               | Aluminium composite<br>(Aluminium + Mg(OH) <sub>2</sub> + Aluminium)                                         |
| Drilling           | $\Phi$ 6.0 $\times$ 1mmL Blind hole drilling<br>Prepared hole drilling $\phi$ 3.0 $\times$ 2.2L through hole |
| Coolant            | Air Blow                                                                                                     |
| Drilling Condition |                                                                                                              |
| Cutting Speed      | : 565m/min                                                                                                   |
| Spindle Speed      | : 30,000min <sup>-1</sup>                                                                                    |
| Feed Rate          | : 0.033mm/rev                                                                                                |
| Feed               | : 1,000mm/min                                                                                                |
| Controller         | : 6 load meter lighting<br>(acceptable intermittent load)                                                    |



Modified GR-30 with air blow



Front



Back