

Technical Newsletter

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Change of the Inverter of the Spindle Rotation Motor

Introduction

We change the inverter of the spindle rotation motor mounted on the DISCO grinder to an alternative, because production of the inverter is discontinued.

We will attach the new type inverter to our machines to be newly shipped after February 2015.

Applicable Machine

DFG8360, DFG8540, DFG8560

New type inverter

- There is no change in the procedures for using the grinder.
- The wafer processing accuracy is similar to that of the conventional type.
We processed mirror wafers with our standard wheel and recipe, and confirmed that the accuracy was similar.
- The spindle current during processing tends to be displayed lower than that of the conventional type.
When processing mirror wafers with our standard wheel and recipe, we confirmed that there was a difference of approximately 0.5 to 1 A.

Inquiries

Please contact your local DISCO sales representative or DISCO service office if you have any questions regarding this matter.
