



# FUJIKURA COMPOSITES

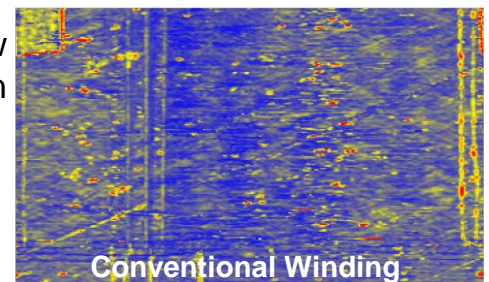
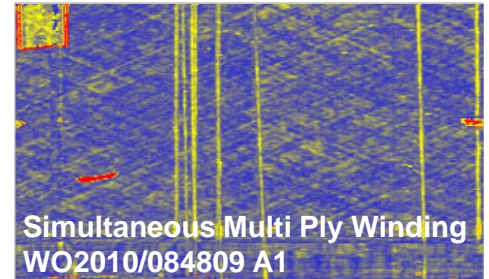
## Torque Transfer Axle Related Technologies

### High Accuracy **Sheet Winding**

Distortion of the fiber and void were minimized with the process and equipment\* which we developed.

Enhanced performance and stable quality

\*Patent No.4859975



Inner view by the ultrasonic inspection

### High **Strength**

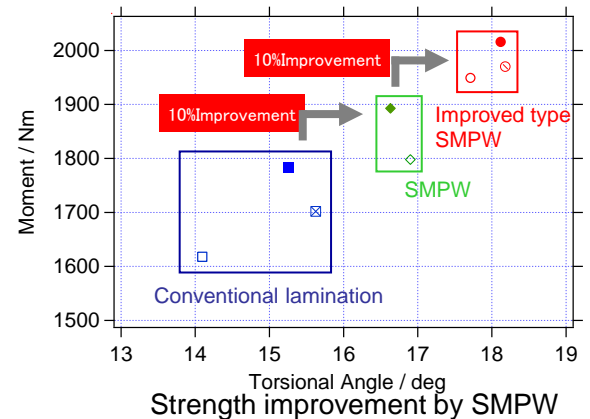
The characteristics of material is maximized. Increased by 20% compared to conventional technology

### High **Stiffness**

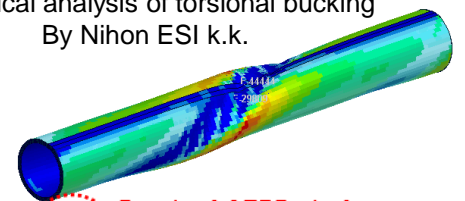
Use of various fibers of the range from low elasticity to high elasticity is possible.

### High **Design Quality**

Outstanding numerical analysis technology. Manufacturing technology supported by proto type trials.



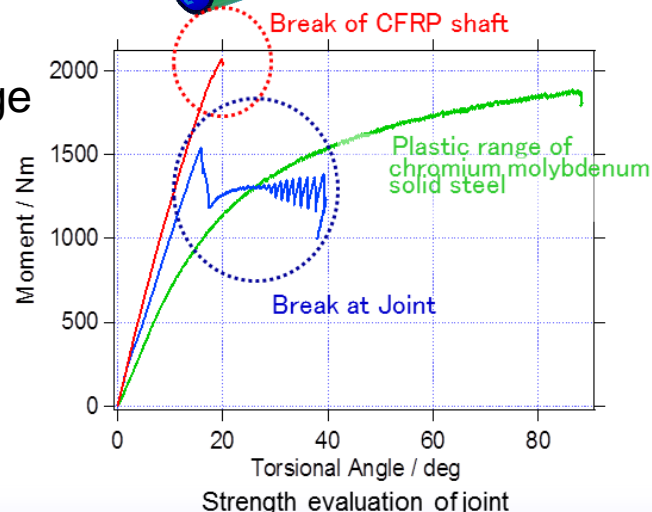
Numerical analysis of torsional bucking By Nihon ESI k.k.



### High Reliable **Joint Technology**

Various selectable joining method as usage

Special joint structure WO2011/024527 A1



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