

---

## WorldSID50 Technical Report No.1

---

### New Rib steel study (Maraging steel)

JASTI has been studied WorldSID50 Rib steel Nitinol for several years. But, Nitinol rib set has not been durable and stable performance due to martensite structure after heat treated. The hardness and keeping shape are very sensitive.

JASTI has reviewed new Rib steel material as stable martensite steel.

The Maraging steel MAS 1 heated hardness around HRC 50-54 is very good result for using for WorldSID50 Rib steel.

Now, JASTI plans to evaluate with some official test house soon.

If anyone is interested in new WorldSID50 Rib with Maraging steel MAS1, please refer to JASTI Home Page in WorldSID50.

<http://www.jasti.co.jp/en/project/worldsid50.html>

Or, please contact us

[infor@jasti.co.jp](mailto:infor@jasti.co.jp)