

## Hardened Steel Finishing



**Sumitomo Electric Carbide, Inc.** (Mount Prospect, IL) is pushing the envelope in productivity for hardened steel applications with its CBN technology. Sumitomo's most recent hardened steel turning advancement, the uncoated CBN grade BN2000, is designed for turning die steels and bearing steels with hardnesses of above 50 HRc. The BN2000 provides high wear resistance and robust toughness. The BN2000 boasts a newly developed CBN substrate consisting of a ceramic binder with exceptional purity. While impure binders contribute to premature chipping and cutting edge wear, the purity of the BN2000 can significantly reduce tool failure.

Check out [www.sumicarbide.com](http://www.sumicarbide.com) [1] to learn more.

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**Links:**

[1] <http://www.sumicarbide.com/>