|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Carbide Inserts for Railway Hub**  **Application:**  **Railway hub insert is a tool specially made for processing railway wheels. These tools are often grouped into groups, such as "new" wheel tools for machining new cast and forged wheels, or tools for machining old wheels (train wheel reconditioning and finishing turning).**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Railway Wheel Hub Inserts** | | | | | | | | | **No.** | **Reference Photo** | **Type** | **Grade** | **Material** | **Coating** | **Work-piece  Materials** | | 1 |  | LNMX191940-53 | TBC2015 | Carbide | CVD | Steel | | 2 |  | LNMX301940-MF | TBC2015 | Carbide | CVD | Steel | | 3 |  | LNMX301940-34 | TBC2015 | Carbide | CVD | Steel | | 4 |  | LNMX301940-53 | TBC2015 | Carbide | CVD | Steel | | 5 |  | RCMT2006MO-53 | TBC2025 | Carbide | CVD | Steel | | 6 |  | RCGT2508-53 | TBC2015 | Carbide | CVD | Steel | | 7 | RCET3009MO-53 | TBC2015 | Carbide | CVD | Steel | | 8 |  | RCGT3209-53 | TBC2015 | Carbide | CVD | Steel | | 9 |  | CNMG250924-PR | TBC2015 | Carbide | CVD | Steel | | 10 |  | SNMG250724-PR | TBC2015 | Carbide | CVD | Steel | |  |  |  |  |  |  |  |   **Grade: TBC2015**  **CVD (Ti CN + thick Al203) coating, the highly wear-resistant coating, combined with the substrate, is the preferred grade for finishing to rough processing of steel parts, and also reflects a high metal removal rate in interrupted processing.**  **Grade: TBC2025**  **Better wear resistance and fracture resistance due to thick Al2O3, for roughing and semi-finishing.**   |  |  |  |  | | --- | --- | --- | --- | | **Recommended Cutting Parameters** | | | | | **Insert Type** | **Ap** | **F** | **Vc** | | **R-53** | **1.0-7.0** | **0.45-1.5** | **60-12.** | | **LNMX** | **2.0-11.0** | **0.75-1.8** | **50-100** | | **PR** | **2.0-14.0** | **0.4-1.2** | **190-295** | |