

| Material Grade   | Density g/cm3 | Hardness (HRA) | T.R.S. (MPa) | Application  |
|--|---------------|----------------|--------------|--|
| TN3  | 6.7           | 92             | 1,930        | Cutting Tool, Powder Molding, Wire Drawing Die, Nozzle, Rail, etc.<br><br>Center Chip, Rail, Guide, etc. |
| TW4  | 7.1           | 90             | 2,350        |  |
| TW5  | 7.5           | 87             | 2,240        |  |
| <b>TN/TW type (Cermet/Titamet)</b>   |               |                |              |  |
| Alloys composed principally of TiC. Lightweight, high strength under high temperatures and good at oxidizability. Small in affinity with iron, and capable of obtaining high wear resistance and beautiful finish surfaces in steel cutting. |               |                |              |  |