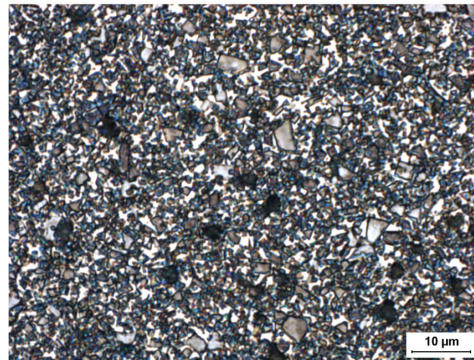




Metal Processing Slitters



NOTE: The "T" designation in all General Carbide grades represents the addition of tantalum carbide, which adds lubricity and resistance to galling in wear areas.

Application Background

The medium particle size of **GC-315T**, coupled with the intermediate binder content, provides a wear resistant grade with moderate resistance to impact. The tantalum carbide addition in this grade provides resistance to galling. This grade is distinguished by its very high fracture toughness value, a prerequisite characteristic for a successful slitter blade to hold its edge. This grade is also used in wire EDM and non wire EDM powder metal tooling applications where a tough, chip resistant grade is required. Note the uniform grain structure.

All grades are processed in sinter-HIP furnaces to ensure the highest metallurgical quality.

