



South Carolina • North Carolina • Indiana • Ohio • Mississippi • Texas
1-800-633-7769

Carbide-Tipped Circular Saw Blades

Precision burr free cuts, high cutting speeds and superior wear life are the results of our engineering efforts to optimize the tip material and tooth geometry of our PowerCut circular saw blades. By utilizing CNC technology and years of experience, we are well equipped to improve your sawing operation and cut your costs. We offer saw blades with different tooth pitches and geometries to suit your application.



Tungsten Carbide-Tipped (TCT) saw blades, are made with an alloy steel body and tungsten carbide inserts brazed to the tips of the teeth. These tips are ground on all surfaces to create tangential and radial clearance and provide the proper cutting and clearance angles on the teeth. The alloy body is generally made from a wear resistant material such as a chrome vanadium steel, heat treated to 38/42 HRC. The tungsten carbide tips are capable of operating at much higher temperatures than solid HSS saw blades, therefore, TCT saw blades are usually run at much higher surface speeds. This allows carbide-tipped blades to cut at faster rates and still maintain an acceptable chip load per tooth. The tungsten carbide inserts are extremely hard (98 HRC) and capable of very long wear life.

Range of available dimensions:
10" (250mm) – 86.6" (2,200mm) Ø

Applications:
For cutting ferrous and non-ferrous solids, tubes and profiles.

Common machine types include:
Danieli, MFL, Linsinger, Nishijimax, Tsune, Amada, Kasto, Centro-Metalcut, Rattunde, AME, Kusakabe, Nakata, OTO-Mills

