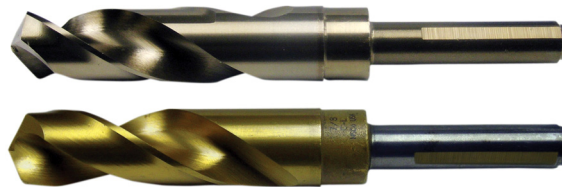


## **Reduced Shank Silver & Deming Drill Chicago-Latrobe<sup>®</sup> General Purpose Styles 190C, 190C-TN**



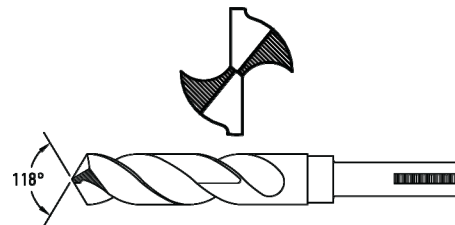
Style 190C (straw finish)

Style 190C-TN (TiN-coated)

### **Features/Benefits:**

- Larger size general-purpose drills with 1/2" reduced shank.
- Manufactured from cobalt premium high-speed steel for use in highly abrasive applications.
- 118° split point for easier, more precise penetration.
- Three flats on shank for tighter chucking.
- Standard 6" overall length and 3-1/8" flute length for increased rigidity, less deflection, and better hole accuracy.
- Standardized lengths result in minimal adjustment during tool changes in screw machines and machining centers.
- Ideal for portable drilling due to increased rigidity.
- Available in fractional sizes and in sets.

**190C & 190C-TN 118° Split Point**



### **Application Information:**

- carbon steel
- alloy steel
- cast iron
- Use wherever maximum chuck capacity is 1/2".

### **Surface Treatments**

- Straw finish adds lubricity and easily identifies cobalt drills.
- Titanium nitride (TiN) coating adds lubricity and hardness, enhancing chip flow, finish hole quality, and drill life.