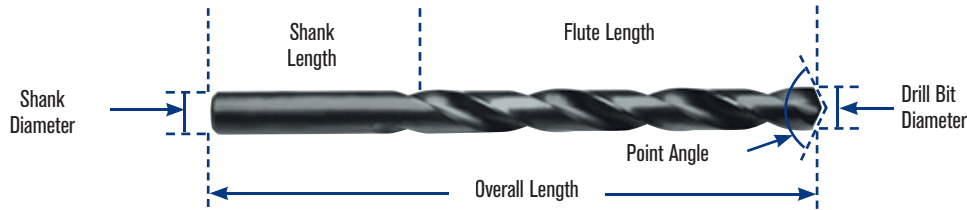


Engineered for Controlled Precision and Speed



Overall Length: The length from the point to the end of the drill bit

Point Angle: The angle of the cutting edges

Drill Diameter: The cutting diameter of the drill bit

Shank Length: The end of the drill bit that is secured by the drill

Flute Length: The length from the point to the end of the flutes

Tip Geometry

METAL DRILLING

118° Conventional Point

- General use
- Not self-centering
- Best for stationary drills
- Performs better in softer materials vs. hard metal

118° Point Angle

135° Split Point

- Self-centering (won't "walk")
- Best for portable drills
- Requires less force than 118°

135° Point Angle

TURBOMAX® Tip

- Self-centering (won't "walk")
- Precision-ground to stay sharp longer and drill faster
- Best for portable drills
- Requires less force than 118°

Drill Bit Selection

| Material | Point Angle | Black & Gold (135°) | TURBOMAX® (TURBOMAX) | Heavy-Duty (135°) | Titanium Nitride (TiN) Coated (135°) | Cobalt (135°) | General Purpose (118°) |
|--------------------------|-------------|------------------------|-------------------------|----------------------|--|------------------|---------------------------|
| Wood/Drywall | | ● | ● | ● | ● | ● | ● |
| Sheet Metal | | ● | ● | ● | ● | ● | ● |
| Mild Steel | | ● | ● | ● | ● | ● | ● |
| High Alloy Steels | | ● | ● | ● | ● | ● | ● |
| Stainless Steel | | ● | ● | ● | ● | ● | ● |
| Cast Iron | | ● | ● | ● | ● | ● | ● |
| Aluminum, Brass & Copper | | ● | ● | ● | ● | ● | ● |
| Plastic | | ● | ● | ● | ● | ● | ● |

Key: ● Recommended ● Acceptable ● Not Recommended