

High-Speed Steel Cobalt Drill Bit Set

High-speed steel cobalt drill bits are designed for drilling into tough materials such as stainless steel, hardened steel, and cast iron. The cobalt content increases the heat resistance of the drill bit, allowing it to maintain its hardness at higher temperatures and prolonging its lifespan.



Product Overview

High-Performance Cobalt Drill Bits

These fully ground, cobalt-enhanced drill bits are engineered for demanding drilling applications in hard materials like stainless steel, aluminum, and hardened iron. Featuring a high-heat resistance due to the cobalt content, they maintain hardness and sharpness for an extended lifespan compared to standard HSS bits. Designed with precision geometry, they ensure efficient chip removal and reliable performance in both handheld drills and drill presses.

Technical Specifications

Point Angle

- 118 degree
- 135 degree
- Turbo Max

Surface Finish

Tin-coated • Amber • Gold • White • Black

Material Options

HSS4241, HSS4341, HSS6542(M2), HSS CO5% (M35), HSS CO8% (M42)

Available Size Range

1mm - 20mm

Design & Compatibility

Shank Variations

- Straight Shank
- Parallel Shank
- Reduced Shank
- Hex Shank
- 1/4" Quick Change Shank
- 3 Flats Shank
- 1/2" Shank
- 3/8" Shank

Standards Compliance

DIN338, DIN1897, DIN340, DIN1869, DIN345

Helix Angle Types

Type N, Type W, Type H

Applications

Compatible Materials

- Metal
- Stainless Steel
- Aluminium
- Hardened Iron

Performance Highlights

1 mm

Min Size

20 mm

Max Size