

HSS Step Drill Bit

High-speed steel (HSS) step drill bits are designed for drilling holes of varying diameters in thin materials. These bits feature a stepped design, allowing for multiple hole sizes with a single bit.



Overview

High-Performance Step Drill Bits

These high-speed steel (HSS) step drill bits are engineered for versatility and durability, allowing users to drill multiple hole sizes with a single tool. Designed for precision in thin materials, they are an essential asset for electrical, plumbing, and sheet metal applications. With various material compositions and surface treatments available, these bits offer excellent heat resistance and extended tool life for professional environments.

Technical Specifications

Surface Finish

Bright finished • Tin-coated • Zr-coated • Black-oxidized

Shank Design

- Round Shank
- Three-Side Shank
- Hex Shank
- Hex Shank With a Step

Material Options

HSS 4241, HSS 4341, HSS 9341, M2, M35, M42

Flute Type

Straight Flute, Spiral Flute

Performance & Application

Grade Performance Capabilities

Grade	Max Thickness (mm)	Applications
HSS4241	2	Aluminum, Iron, Plastic
HSS6542/M2	5	Aluminum, Iron, Carbon Steel, Plastic
HSSCO/M35	5	Aluminum, Iron, Carbon Steel, Stainless Steel, Plastic

Compatible Materials

Aluminum, Iron, Carbon Steel, Stainless Steel, Plastic