

HSS Step Drill Bit Set

High-speed steel step drill bits are designed for drilling multiple-sized holes in thin materials. Their stepped design allows drilling progressively larger holes with a single bit, eliminating frequent bit changes.



ADDITIONAL IMAGES



Product Overview

Professional HSS Step Drill Bit Set

This high-performance step drill bit set is designed for versatile hole creation in thin materials, including aluminum, iron, carbon steel, stainless steel, and plastic. The stepped design allows for drilling multiple hole diameters with a single bit, significantly increasing efficiency by reducing the need for frequent tool changes. Built for durability and precision, these bits are ideal for demanding applications in automotive, electrical, and plumbing sectors.

Technical Specifications

Surface Treatment

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

Shank Types

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

Available Materials

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

Flute Design

Straight Flute, Spiral Flute

Process

Fully Ground

Performance & Application

Drilling Performance Guide

| Material Grade | Max Depth/Capability | Application |
|----------------|----------------------|--|
| HSS 4241 | 2mm | Aluminum, Iron, Plastic |
| HSS 6542/M2 | 5mm | Aluminum, Iron, Carbon Steel, Plastic |
| HSSCO/M35 | 5mm | Aluminum, Iron, Carbon Steel, Stainless Steel, Plastic |

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|-----------------------------|--|
| Compatible Materials | Aluminum, Iron, Carbon Steel, Stainless Steel, Plastic |
|-----------------------------|--|