

M2 SETS

SHOP ALL M2 DRILL BIT SETS



18 PIECE REPLACEMENT METRIC DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
- See below for drill bit sizes
- FAQs

c Expand AICC Collapse All
Drill Bits & Sets

Will these bits drill through stainless steel?

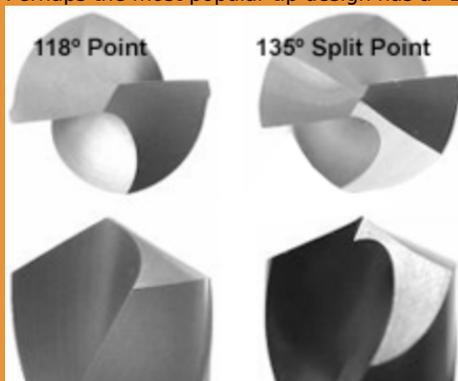
Yes, if you choose M35 drill bits they are designed for harder steel, like stainless. M2 drill bits will not drill through stainless steel and they are designed for mild steel.

What does fully ground mean in a drill bit?

The very best drill bits are “Fully Ground” which means the bit was ground out of the one piece of raw material, and as such are very precise and strong.

What does “135 degree split point” mean?

Perhaps the most popular tip design has a “135 degree split point” design giving accurate starting



without the use of a centre punch. Split-point bits almost completely eliminate “walking” as they are self-centring and therefore requires less thrust in drilling harder metal, eliminating chipping. The shaft of a quality split-point bit, like Smith & ARROW’s bits, features three grooves that lift away debris, allowing you to drill holes faster and with less chance of snags. These grooves continue all the way to the tip of the bit, where they cut into the tip’s cap, breaking the smooth surface. This creates a grooved bit tip that more easily anchors itself in the steel and keeps your bit on target. The two most standard point angles are 118° and 135°. The 118° is generally used for drilling into soft material like wood. Although it can puncture through steel, this will also cause it to dull quicker. A 135° is typically used for drilling into hardened material.

Will cobalt M35 drill bits break?

M35 drill bits are 5% cobalt and this means the bits can be brittle if used incorrectly. The M35 bits must be used at a slow speed and they will work best and last longer if run at slow working speeds with lubricant. The key purpose of adding up the cobalt is to enhance the heat resistance capacity and durability of the bits. The M2 drill bits are not cobalt, and as such can be run at a normal speed on a power drill.

What is the difference between M2 and M35 drill bits ?

The most popular HSS drill bits fall into the following two categories: M2 & M35. Depending if you are drilling mild steel or hardened steel will determine whether you purchase M2 or M35 drill bits. Cobalt M35 drill bits will do everything the M2 bit can do, and more – M35 HSS drill bits will drill through hardened steel like stainless as well as mild steel and cobalt ensures the bit is heat resistant. M35 bits keep long lasting cutting edges and will not dull easily

The M2 bit is best for everyday use like milder steel, plastics, fibreglass, drywall and wood (although a specialised wood bit is better). However, the M2 bits can lose their sharpened edge quicker than cobalt bits and will not last as long as M35 cobalt bits

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Price: From: \$21.95



19 PIECE METRIC DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
- See below for drill bit sizes
- FAQs

c Expand All Collapse All
Drill Bits & Sets

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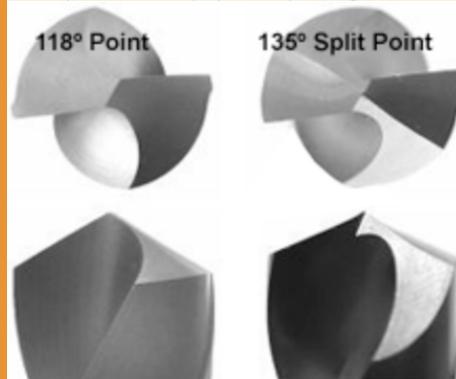
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Price: From: \$44.95



21 PIECE IMPERIAL DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
- See below for drill bit sizes in set

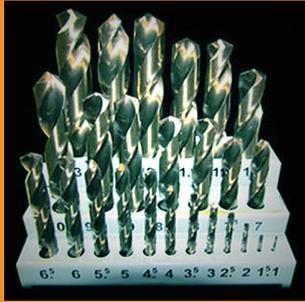
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SKU: DBSet21M2

Price: From: \$49.95



25 PIECE METRIC DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
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- FAQs

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Drill Bits & Sets

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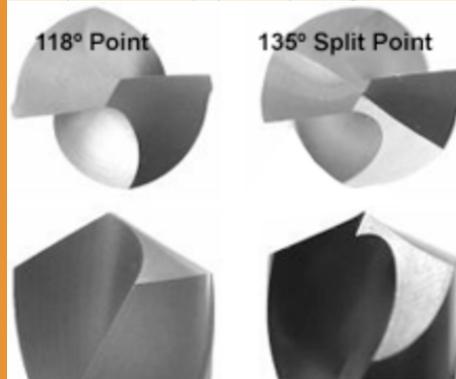
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Price: From: \$89.95



29 PIECE IMPERIAL DRILL BIT SET - M2 HSS (FOR METAL)

- **Metal HSS M2**
- **Fully ground**
- **135 degree split point**
- **For mild steel**
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Drill Bits & Sets

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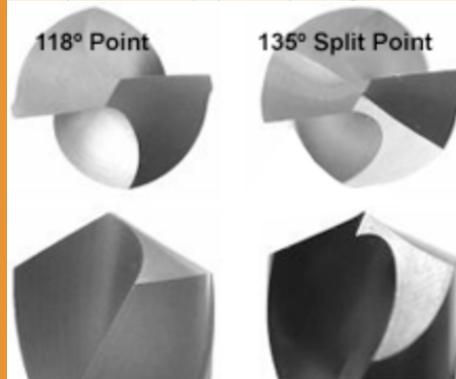
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