adafruit

Carbide Square End Mill - 1/8" Shaft - 0.6mm Diameter

PRODUCT ID: 2073

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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

If you've started designing your own PCBs in Eagle or KiCad and want to make your PCB a reality, you may end up with a CNC mill that can route out PCBs by cutting away the copper trace outlines. We initially ordered these end mills for our use with an Othermill but they will likely work great in a wide variety of precision CNC machines.

While we already carry PCB drill bits, end mills are slightly different. Drill bits can only cut in an axial direction, meaning in line with the axis of the bit - or up and down on the PCB. End mills can move in any direction so you can drill side to side, up and down, etc.

The cutting part is made from tungsten carbide and are suitable for circuit board cutting and probably some other soft metals and other materials. Each endmill has a high hardness, wear resistance and strength and they're also super sharp which helps when cutting thru PCBs. These mill bits have a fairly long flute, about 8mm. While this is a bit longer than we are used to, we have found that the bits work quite well and are low cost enough to replace if they break. Note that even carbide bits will dull eventually when cutting PCBs, we found we could cut for about 5 hours on each bit before we find they need replacing.
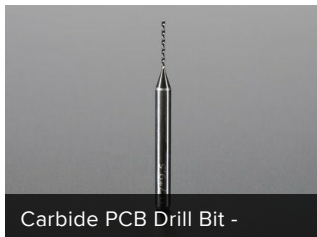
This product comes with one 0.6mm carbide end mill in a protective plastic case.
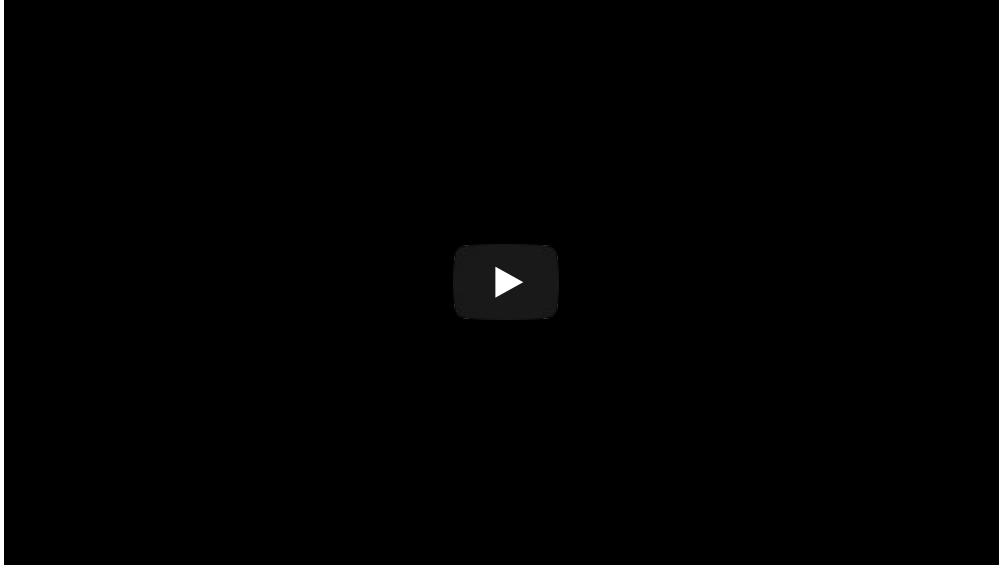
TECHNICAL DETAILS

- Total length: 38mm
- 1/8" Shank
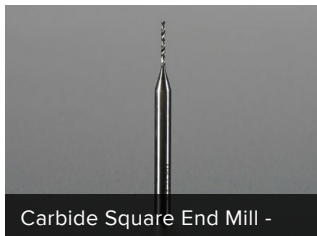- Diameter: 0.6mm

MAY WE ALSO SUGGEST...
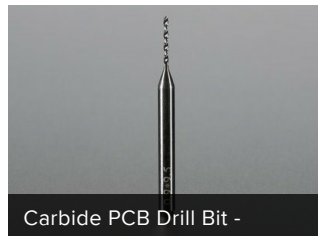

Carbide PCB Drill Bit -

Professional Non-Slip
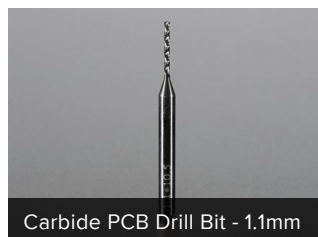

Fine tip straight tweezers -

Carbide Square End Mill -

Carbide PCB Drill Bit -

Hakko Soldering Tip: T18-C2

ESD-Safe PCB Cleaning

Carbide PCB Drill Bit - 1.1mm

Precision screwdriver set (6

Fine tip curved tweezers -

Carbide Square End Mill -

Carbide Square End Mill -

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"To be persuasive we must be believable; to be believable we must be credible; credible we must be truthful." - Edward R. Murrow

4.9 ★★★★★
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