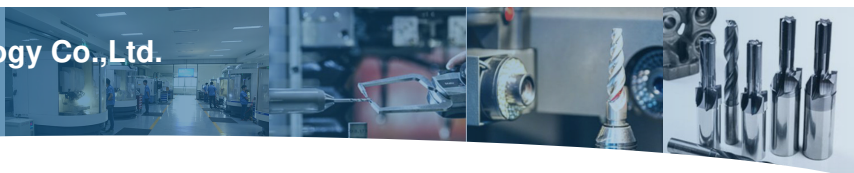




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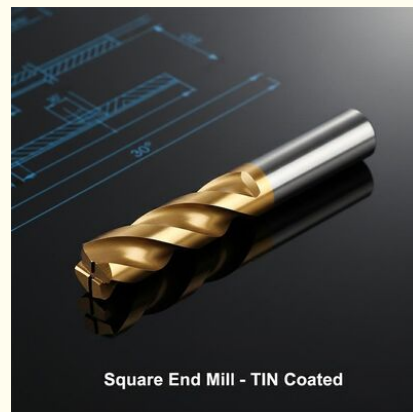
Wuxi Soon Technology Co.,Ltd.

soonru.com



## Square Endtype End Mill with 30 Degrees Helix Angle and TiN Coating for Precise Milling and Slotting

### Basic Information



Square End Mill - TiN Coated

### Product Specification

- Cutting length: 10mm To 50mm
- Endtype: Square / Ball Nose / Corner Radius
- Lead Time: 7~15 Work Days
- Coating: TiN / TiAlN / Uncoated
- Transport Package: 1PCS/Plastic Tube
- Flute Helix Angle: 30
- Specification: D5\*40\*SD5\*100-4F
- Application: Milling / Drilling / Slotting
- Выделить: **Square Endtype End Mill for slotting,  
Non-standard End Mill for milling,  
End Mill for accurate drilling**

Our Product Introduction

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**Product Description:**

The Others End Mill series by Wxsoon represents a versatile and high-performance range of specialized milling cutters designed to meet the diverse needs of modern machining applications. Crafted with precision and engineered for excellence, these non-standard end mills are ideal for professionals seeking reliable cutting tools that deliver superior results across various materials and complex operations. Constructed from premium materials, the Others End Mill is available in both High-Speed Steel (HSS) and Carbide options, ensuring outstanding durability and cutting efficiency. The HSS variants offer excellent toughness and are suitable for general-purpose milling tasks, while the carbide versions provide enhanced hardness and wear resistance, making them perfect for high-speed, high-precision machining in demanding environments. This combination of materials allows users to select the ideal tool based on their specific application requirements.

One of the standout features of the Others End Mill collection is the range of end types offered to accommodate different milling needs. These include the Square end, Ball Nose end, and Corner Radius end mills. The square end mill is perfect for creating sharp corners and precise edges, making it suitable for slotting, profiling, and contouring operations. The ball nose end mill is designed for smooth and accurate 3D contouring, ideal for complex surface machining and mold making. Meanwhile, the corner radius end mill combines the benefits of both square and ball nose types, providing increased tool strength and reduced chipping at the edges, thereby extending the tool life and enhancing finish quality.

Wxsoon places great emphasis on coating technology to further enhance the performance and longevity of their Others End Mill products. Customers can choose from TiN (Titanium Nitride), TiAlN (Titanium Aluminum Nitride), or uncoated versions, depending on their specific cutting conditions. The TiN coating offers excellent wear resistance and reduces friction, making it suitable for general-purpose milling of non-ferrous and ferrous metals. TiAlN coating, known for its superior heat resistance, is ideal for high-speed machining and dry cutting processes where elevated temperatures are common. Uncoated tools, while more economical, provide flexibility for applications where coatings may not be necessary or desired.

As a specialized milling cutter, the Others End Mill by Wxsoon is engineered to deliver precision, reliability, and versatility. Whether you are working on aluminum, steel, or other metal alloys, these non-standard end mills provide exceptional cutting performance, resulting in clean, accurate cuts and smooth surface finishes. Their robust construction and advanced coatings contribute to longer tool life, reducing downtime and overall tooling costs.

In summary, the Others End Mill product line is an excellent choice for machinists and manufacturers who require high-quality, specialized milling cutters that cater to non-standard machining tasks. With options in material, end type, and coating, these versatile tools from Wxsoon are designed to optimize your milling operations, improve productivity, and ensure outstanding machining outcomes. Discover the difference that precision-engineered, non-standard end mills can make in your workshop with the Others End Mill series.

**Features:**

Product Name: Others End Mill

End Type Options: Square, Ball Nose, Corner Radius

Material: High-Speed Steel (HSS) and Carbide

Origin: China

Specification: D5\*40\*SD5\*100-4F

Shank Diameter Options: 3mm, 4mm, 6mm, 8mm

Alternative End Mill suitable for various milling applications

Specialized Milling Cutter designed for precision and durability

High-quality Alternative End Mill made from premium materials

**Technical Parameters:**

Product Name	Others End Mill
Specification	D5*40*SD5*100-4F
Coating	TiN / TiAlN / Uncoated
Helix Angle	30 Degrees
Flute Helix Angle	30
Structure	Integral
Shank Diameter	3mm / 4mm / 6mm / 8mm
Application	Milling / Drilling / Slotting
End Type	Square / Ball Nose / Corner Radius
Transport Package	1PCS/Plastic Tube

**Applications:**

The Others End Mill, crafted from premium High-Speed Steel (HSS) and Carbide materials, stands out as a specialized milling cutter designed to deliver precision and durability in various machining tasks. Its integral structure ensures enhanced strength and stability, making it an indispensable tool in manufacturing environments where reliability is critical. With specifications such as D5\*40\*SD5\*100-4F,

this unique milling tool offers versatility and efficiency for a wide range of applications.

One of the primary application occasions for this unique milling tool is milling, where it excels in shaping and contouring metal and other hard materials. The available cutting lengths, ranging from 10mm to 50mm, provide flexibility for intricate milling operations requiring both shallow and deep cuts. This makes the Others End Mill ideal for detailed component fabrication in industries such as automotive, aerospace, and mold making.

In addition to milling, this specialized milling cutter is perfectly suited for drilling tasks. Its robust design and sharp cutting edges enable precise hole creation with minimal burrs and high surface finish quality. This capability is particularly valuable in scenarios where accuracy and smoothness are paramount, such as in electronics manufacturing or precision engineering workshops.

Slotting is another common scenario where the Others End Mill demonstrates exceptional performance. The tool's ability to create clean and accurate slots in metal, plastic, and composite materials supports applications like keyway cutting, groove making, and part assembly preparation. Its integral construction ensures consistent results even under high-stress machining conditions, enhancing productivity and reducing downtime.

Overall, the Others End Mill's combination of high-quality HSS and Carbide materials, integral structure, and versatile cutting lengths make it a unique milling tool for diverse machining needs. Whether engaged in milling, drilling, or slotting, this specialized milling cutter offers reliable precision and efficiency, making it an essential addition to any professional workshop or industrial production line.

### Customization:

Our Others End Mill product, originating from China, offers exceptional versatility as a specialized milling cutter designed to meet diverse machining needs. Crafted from high-quality High-Speed Steel (HSS) or Carbide, this unique milling tool ensures durability and precision in every cut. With specifications of D5\*40\*SD5\*100-4F and shank diameters available in 3mm, 4mm, 6mm, and 8mm, this alternative end mill can be customized to fit your specific requirements, providing optimal performance for your milling operations.

### Support and Services:

For technical support and services related to the Others End Mill product, please refer to the product manual and safety guidelines provided with your purchase. Our technical team is dedicated to assisting you with installation, usage tips, troubleshooting, and maintenance to ensure optimal performance of your end mill.

We recommend regular inspection and proper handling of the end mill to maximize its lifespan and cutting efficiency. Should you require replacement parts or specialized services, please consult your authorized dealer or service center.

Additional resources, including detailed specifications, application guides, and FAQs, are available on our official website to help you get the most out of your Others End Mill product.



China Factory

**Wuxi Soon Technology Co.,Ltd.**



+86 18094292778



wxsoon@163.com



soonru.com

№ 876, корпус В, 168 Qiangaо Road, Уси, Цзянсу, Китай