

Customized Oem Zund Summa Esko Kongsberg Colex Iecho Replacement Cutter Flatbed Cutting Knife Blades

Where To Buy Customized Oem Zund Summa Esko Kongsberg Colex Iecho Replacement Cutter Flatbed Knife Blades In China



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Choosing the right replacement inserts is crucial for precision cutting on flatbed CNC machine tools.

Whether you're using a [Zund](#), Summa, [Esko Kongsberg](#), [iEcho](#), Colex, or Gerber machine, these inserts, made from ultra-fine tungsten carbide, are designed to meet OEM tolerances while effectively controlling tooling costs. Many insert geometries are seamlessly interchangeable between different brands, providing flexibility and efficiency.

Here's a practical guide to choosing the perfect insert for your application:

1. Standard Drag Cutter (60°): Suitable for cutting materials such as paper, cardboard, vinyl, folded cartons, and magnetic media. Compatible with inserts such as Zund Z11, Esko BLD-DF213, Summa 500-9803, and Colex T00313.
2. Heavy Duty Drag Cutter (50°): Ideal for handling tougher materials such as tarpaulins, thick vinyl, solid boards, and rubber. Optional models include Zund Z10, Esko BLD-DF212, Summa 500-9802, or Colex T00312.
3. Oscillating pointed blades: Suitable for cutting gaskets, corrugated cardboard, foam board, leather, and felt. Blade models include Zund Z16/Z17 or Esko BLD-SF216/SF217.
4. Long-stroke oscillating blades: Best suited for thicker materials such as foam, honeycomb cardboard, and insulation board. Zund Z21/Z22 or Esko BLD-SF421/SF422 are available.
5. V-cut/bevel blades: For cutting V-grooves in aluminum composites (ACM) and heavy-duty corrugated materials. Options include Zund Z71/Z73, Esko BLD-TZ511, or Summa 500-9826.
6. Rotary Decagonal Inserts: Suitable for technical textiles and materials such as woven fiberglass, canvas, and carbon fiber; optional Zund Z50/Z52 or Esko BLD-RC110.

Key Specifications for Material Selection

- Shank Type:

- Flat Shank (0.63mm, 1.5mm thick): Standard configuration for drag and reciprocating inserts on Zund, Summa, and Colex machine tools.

- 6mm / 8mm Round Shank: Commonly used in Esko Kongsberg heavy-duty inserts (e.g., SR6315, SR8170 series).

- Material Composition:

- Ultrafine Grain Tungsten Carbide (WC/Co): Provides excellent wear resistance for high-speed automated cutting.

- High Speed Steel (HSS): Offers better impact absorption, suitable for brittle substrates or applications requiring manual operation, such as K73 V-type cutting.

- Blade Geometry:

- Single-edge vs. Double-edge: For cutting thicker materials, a single-edge blade provides maximum rigidity. For cutting thinner materials, a double-edge blade is more cost-effective.

- Overcut/Offset Angle: Ensure compatibility with machine software compensation settings such as Zund Cut Center, Esko i-cut, or [Summa](#) GoProduce.

By selecting the appropriate blade profile that matches the machine's performance and the material being cut, you can maximize efficiency and improve the quality of your cutting operations.

For more information about Shenzhen Oyea Machinery, please visit the company's official website: [\[link here\]](https://www.oyea-blades.com/).

Media Contact

Company Name: Shenzhen Oyea Machinery Co., Ltd.

Email: info@china-oyea.com

Address: No. 2008, Shennan Road, Futian District, Shenzhen

City: Shenzhen

Country: China

Website: <https://www.oyea-blades.com/>



Media Contact

Shenzhen Oyea Machinery Co., Ltd

*****@china-oyea.com

018823852826

No. 2008 , Shennan Road , Futian District, Shenzhen, 518026

<https://www.oyea-blades.com/>

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